

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036827.D
 Acq On : 19 Sep 2018 19:58
 Operator : JU/SJ
 Sample : J4772-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Manual Integrations
 APPROVED

Sohil
 9/20/2018 11:46:42 AM

Quant Time: Sep 20 07:23:14 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	56960	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	236249	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	156891	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	394778	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	386274	20.00	ng	0.00
86) Perylene-d12	24.89	264	404764	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	361991	100.81	ng	0.00
7) Phenol-d6	7.21	99	466818	90.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	356060	81.77	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	237067	126.63	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	763473	69.48	ng	-0.02
78) Terphenyl-d14	20.02	244	1314361	79.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	52455	31.302	ng	# 86
3) Pyridine	3.94	79	151175	32.139	ng	99
4) n-Nitrosodimethylamine	3.84	42	87855	41.934	ng	100
6) Aniline	7.37	93	83146	12.741	ng	95
8) 2-Chlorophenol	7.61	128	168730	43.331	ng	94
9) Benzaldehyde	7.18	77	69085	19.514	ng	98
10) Phenol	7.24	94	203223	37.773	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	170662	40.012	ng	97
12) 1,3-Dichlorobenzene	7.94	146	175812	39.541	ng	97
13) 1,4-Dichlorobenzene	8.08	146	179657	40.020	ng	97
14) 1,2-Dichlorobenzene	8.40	146	173030	40.360	ng	99
15) Benzyl Alcohol	8.29	79	175556	42.359	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	338224	39.321	ng	100
17) 2-Methylphenol	8.49	107	154287	43.189	ng	98
18) Hexachloroethane	9.13	117	68102	42.312	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	149005	38.781	ng	96
20) 3+4-Methylphenols	8.82	107	214265	42.960	ng	98
22) Acetophenone	8.87	105	268521	43.283	ng	# 99
24) Nitrobenzene	9.25	77	220888	47.044	ng	97
25) Isophorone	9.78	82	411341	47.554	ng	98
26) 2-Nitrophenol	9.96	139	97972	52.656	ng	95
27) 2,4-Dimethylphenol	10.02	122	172171	49.981	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	239701	45.152	ng	97
29) 2,4-Dichlorophenol	10.50	162	189362	50.159	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	189034	42.803	ng	99
31) Naphthalene	10.90	128	549315	46.513	ng	100
32) Benzoic acid	10.12	122	35771m	17.179	ng	
33) 4-Chloroaniline	11.01	127	19433	3.591	ng	# 95
34) Hexachlorobutadiene	11.19	225	129900	43.777	ng	98
35) Caprolactam	11.79	113	49245	32.745	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	213715	48.719	ng	98
37) 2-Methylnaphthalene	12.50	142	419809	48.582	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	242122	43.608	ng	99
40) Hexachlorocyclopentadiene	12.85	237	242215	83.846	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	163657	48.389	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	176983	49.061	nq	98
45) 1,1'-Biphenyl	13.51	154	543286	41.717	nq	100
46) 2-Chloronaphthalene	13.55	162	422822	42.528	nq	99
47) 2-Nitroaniline	13.75	65	160673	51.465	nq	98
48) Acenaphthylene	14.39	152	715785	46.067	nq	99
49) Dimethylphthalate	14.13	163	580825	45.338	nq	99
50) 2,6-Dinitrotoluene	14.25	165	130266	49.415	nq	98
51) Acenaphthene	14.74	154	421240	42.331	nq	100
52) 3-Nitroaniline	14.58	138	48068	16.921	nq	94
53) 2,4-Dinitrophenol	14.78	184	18493	18.520	nq	95
54) Dibenzofuran	15.07	168	681918	43.740	nq	99
55) 4-Nitrophenol	14.88	139	161957	69.727	nq	97
56) 2,4-Dinitrotoluene	15.03	165	182453	53.105	nq	92
57) Fluorene	15.72	166	551381	47.310	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169682	50.064	nq	95
59) Diethylphthalate	15.49	149	576439	44.648	nq	100
60) 4-Chlorophenyl-phenylether	15.71	204	318137	44.206	nq	98
61) 4-Nitroaniline	15.74	138	136071	45.773	nq	97
62) Azobenzene	16.00	77	572063	43.548	nq	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	35431	20.431	nq	99
65) n-Nitrosodiphenylamine	15.93	169	504399	43.000	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	212236	45.918	nq	99
67) Hexachlorobenzene	16.73	284	209558	44.340	nq	97
68) Atrazine	16.87	200	215160	48.868	nq	97
69) Pentachlorophenol	17.07	266	136924	42.628	nq	97
70) Phenanthrene	17.46	178	923386	46.032	nq	99
71) Anthracene	17.55	178	940593	47.039	nq	99
72) Carbazole	17.82	167	820337	41.079	nq	99
73) Di-n-butylphthalate	18.37	149	948633	42.659	nq	99
74) Fluoranthene	19.46	202	1109606	45.369	nq	99
76) Benzidine	19.65	184	110282	8.949	nq	99
77) Pyrene	19.83	202	1093383	46.030	nq	99
79) Butylbenzylphthalate	20.71	149	437128	46.241	nq	94
80) Benzo(a)anthracene	21.67	228	1095008	46.793	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	146440	15.702	nq	96
82) Chrysene	21.73	228	1020875	46.025	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	584826	44.210	nq	99
84) Di-n-octyl phthalate	22.77	149	991462	44.872	nq	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1198470	46.519	nq	# 97
87) Benzo(b)fluoranthene	23.88	252	1077804	47.952	nq	97
88) Benzo(k)fluoranthene	23.94	252	1046953	47.678	nq	98
89) Benzo(a)pyrene	24.74	252	1047071	48.479	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	998486	47.887	nq	98
91) Benzo(g,h,i)perylene	29.68	276	974129	46.490	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

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BNA_G

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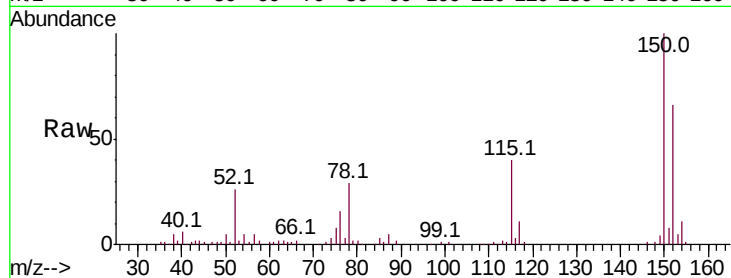
HD-02-091718MS

Tot Ion:	152	Resp:	56960
Ion Ratio	Lower	Upper	
152	100		
150	152.0	119.5	179.3
115	61.2	44.5	66.7

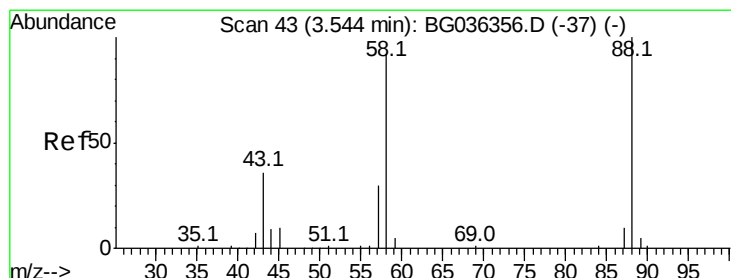
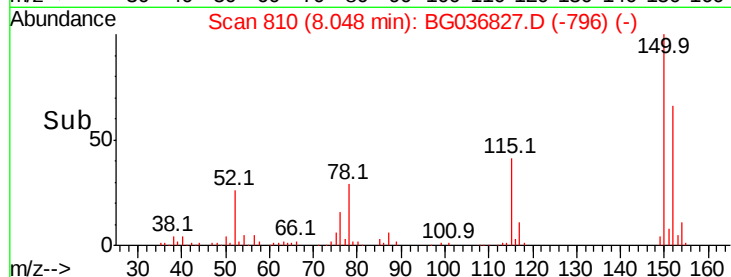
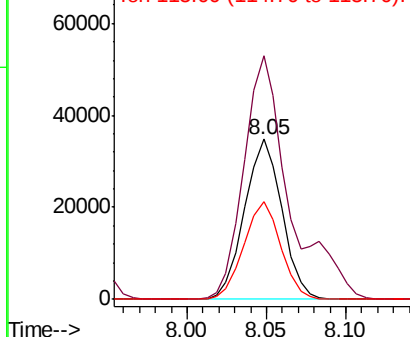
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.302 ng

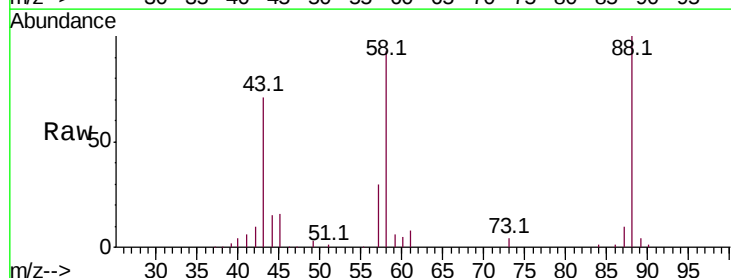
RT: 3.54 min Scan# 43

Delta R.T. 0.00 min

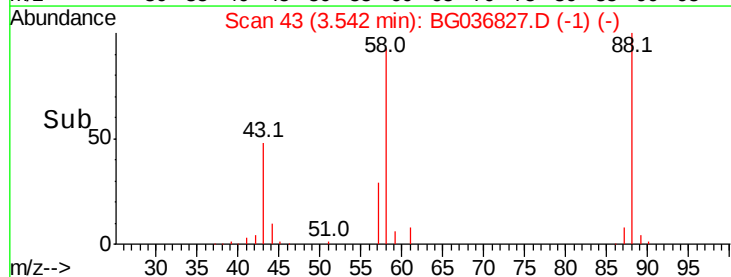
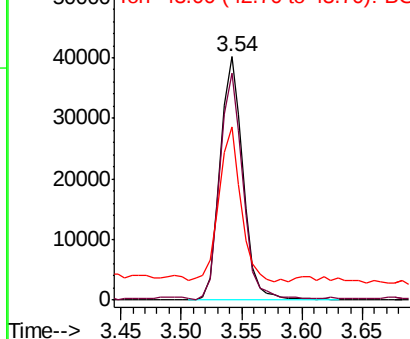
Lab File: BG036827.D

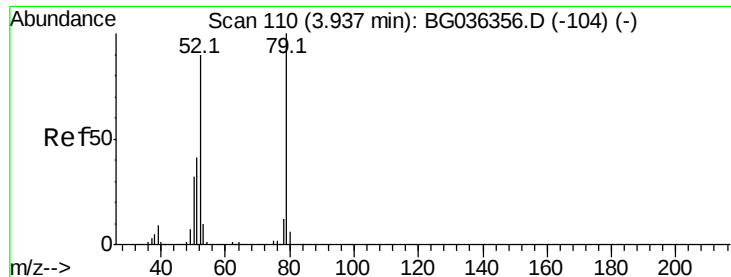
Acq: 19 Sep 2018 19:58

Tgt Ion:	88	Resp:	52455
Ion Ratio	Lower	Upper	
88	100		
58	93.1	72.6	109.0
43	60.7	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





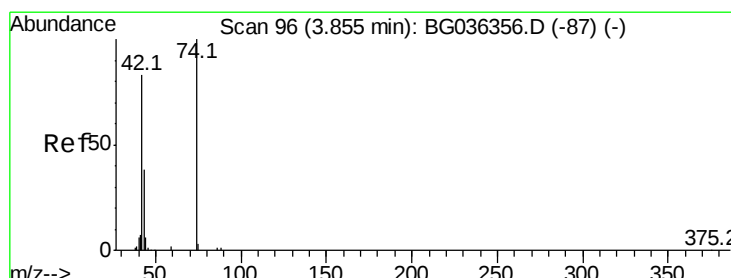
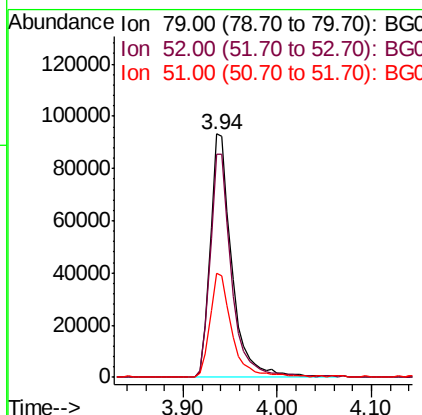
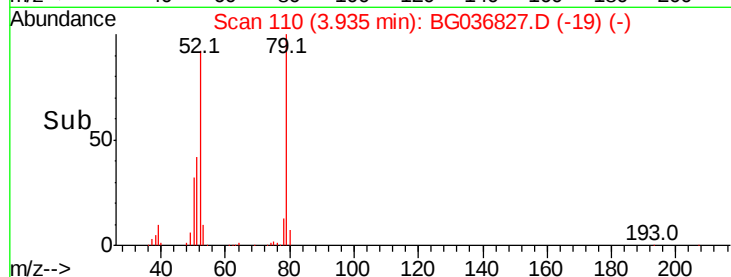
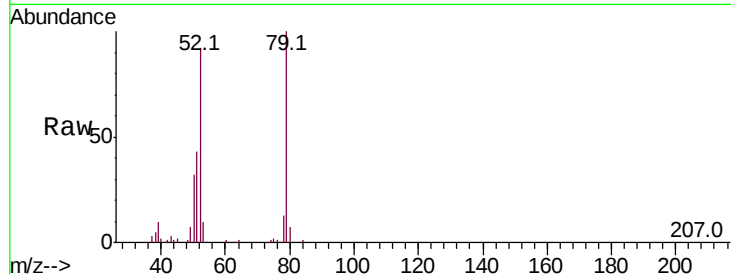
#3
 Pvridine
 Concen: 32.139 ng
 RT: 3.94 min Scan# 110
 Delta R.T. 0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
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 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.9	72.3	108.5
51	42.9	33.8	50.6

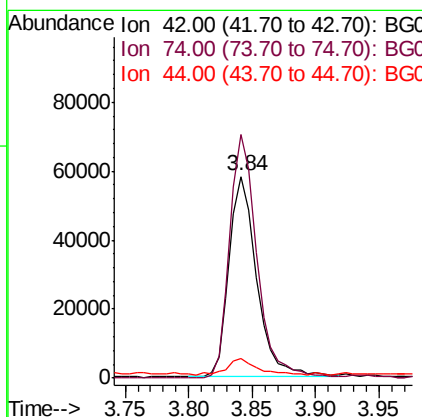
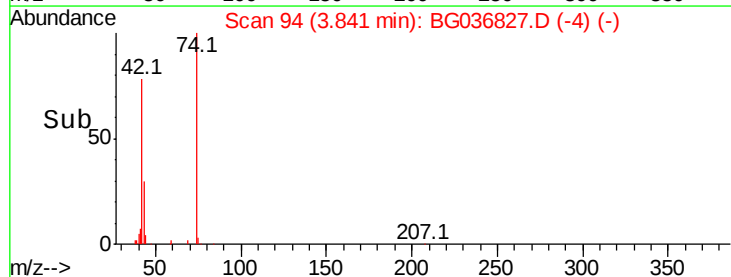
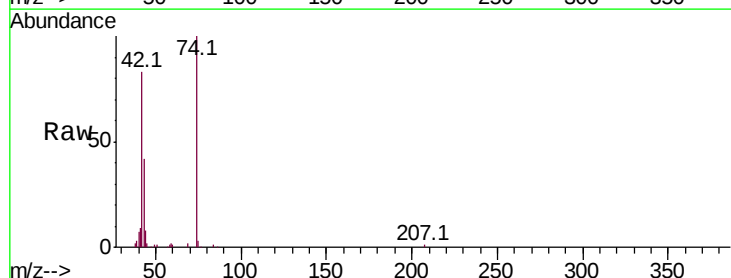
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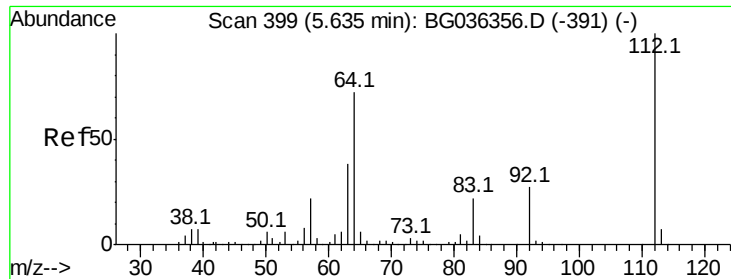
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#4
 n-Nitrosodimethylamine
 Concen: 41.934 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.9	96.6	145.0
44	9.6	7.0	10.4





#5

2-Fluorophenol

Concen: 100.812 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

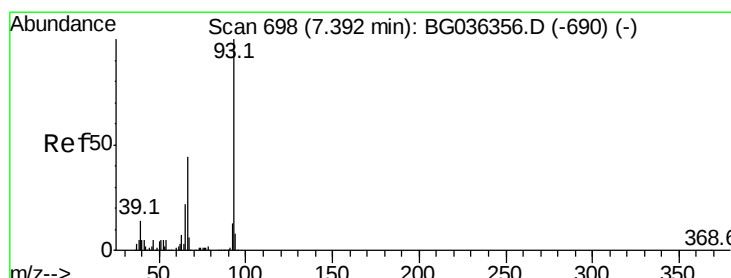
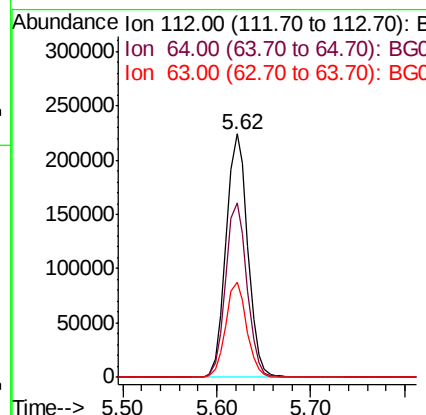
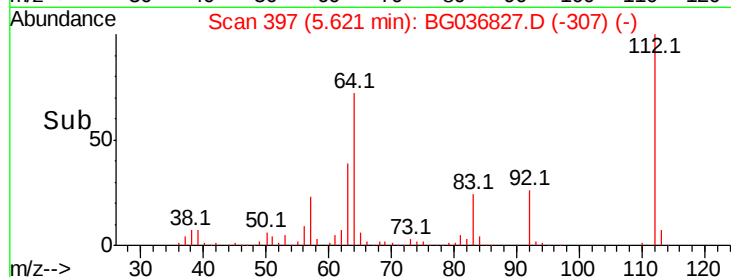
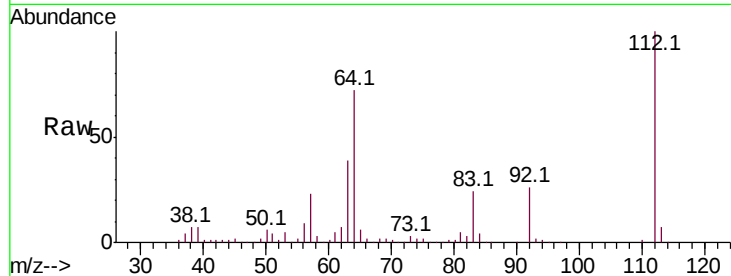
ClientSampleId :

HD-02-091718MS

Tot Ion:	112	Resp:	361991
Ion Ratio	Lower	Upper	
112	100		
64	71.6	57.2	85.8
63	38.9	30.8	46.2

Manual Integrations
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#6

Aniline

Concen: 12.741 ng

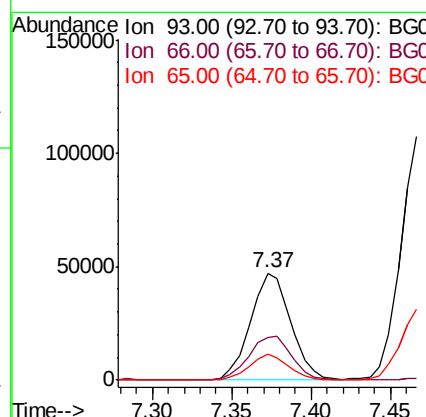
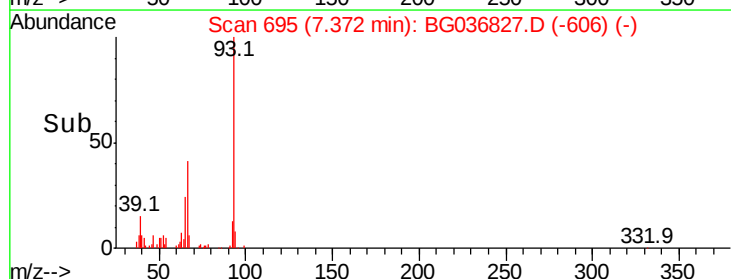
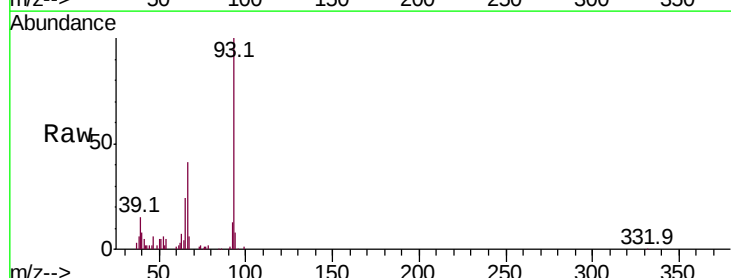
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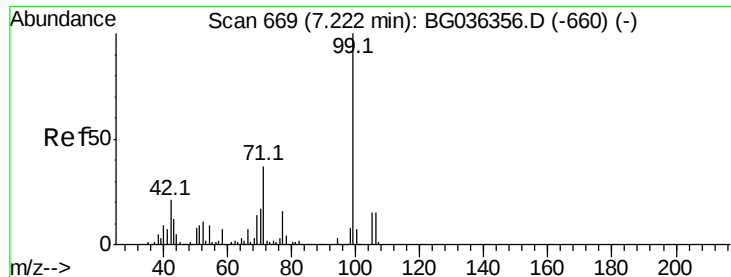
Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:	93	Resp:	83146
Ion Ratio	Lower	Upper	
93	100		
66	40.5	35.0	52.4
65	24.4	17.6	26.4





#7

Phenol-d6

Concen: 90.802 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

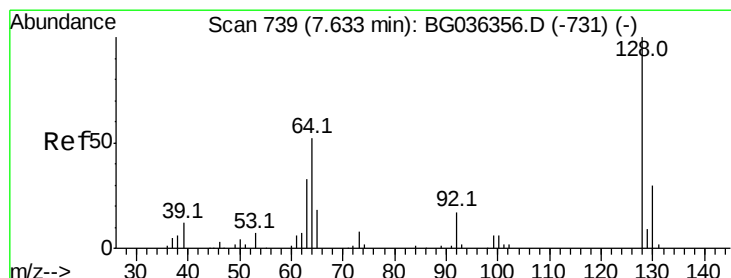
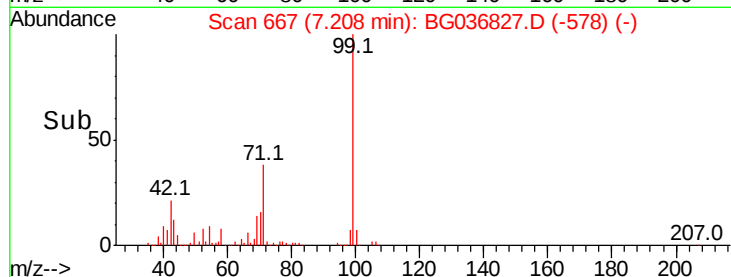
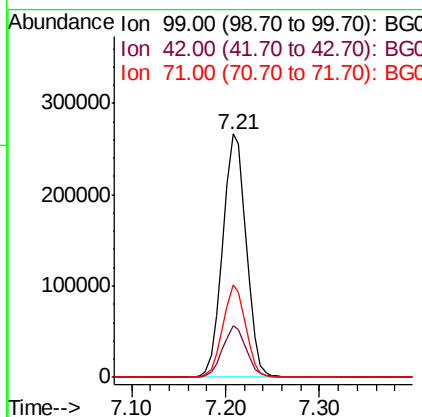
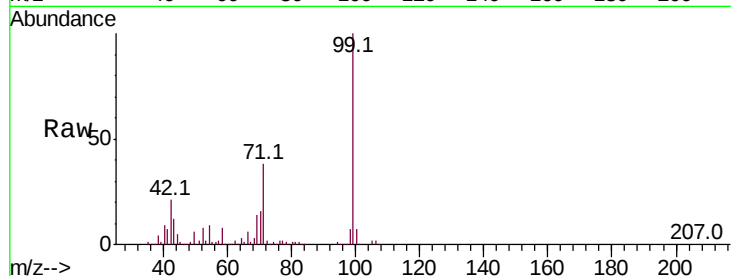
ClientSampleId :

HD-02-091718MS

Tot Ion:	99	Resp:	466818
Ion Ratio	Lower	Upper	
99	100		
42	21.1	16.5	24.7
71	38.0	29.4	44.2

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#8

2-Chlorophenol

Concen: 43.331 ng

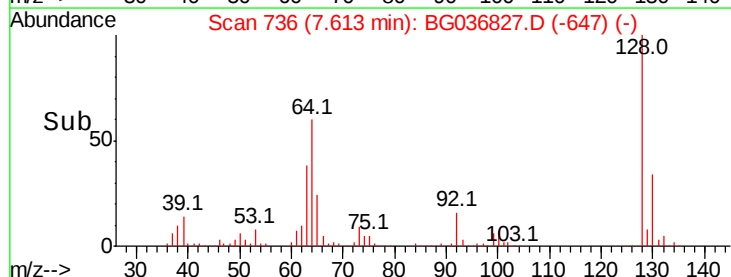
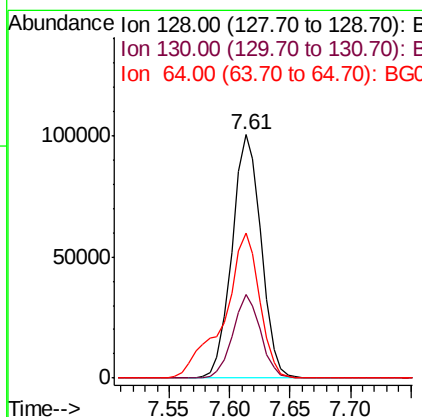
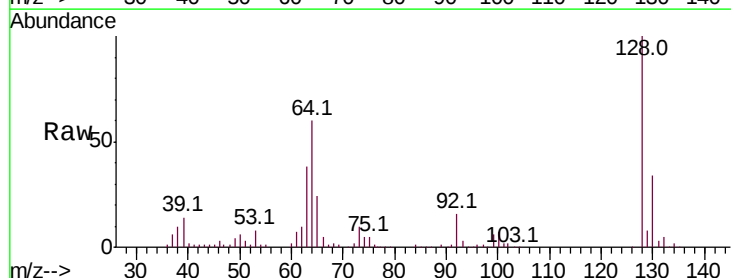
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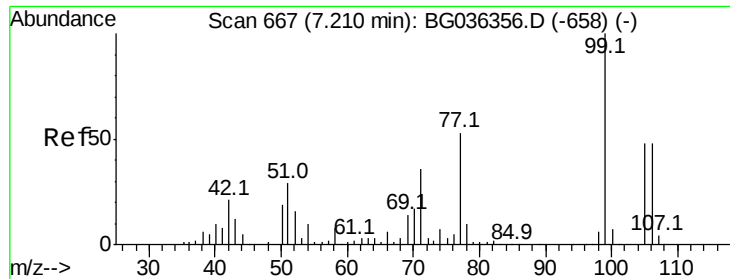
Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:	128	Resp:	168730
Ion Ratio	Lower	Upper	
128	100		
130	34.5	10.0	50.0
64	59.5	36.0	76.0





#9

Benzaldehyde

Concen: 19.514 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

HD-02-091718MS

Tot Ion: 77 Resp: 69085

Ion Ratio Lower Upper

77 100

105 94.2 70.5 110.5

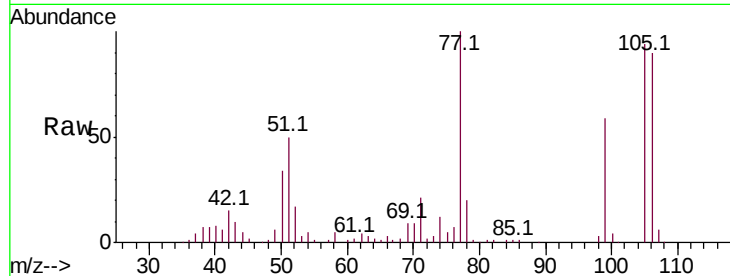
106 89.8 69.8 109.8

Manual Integrations

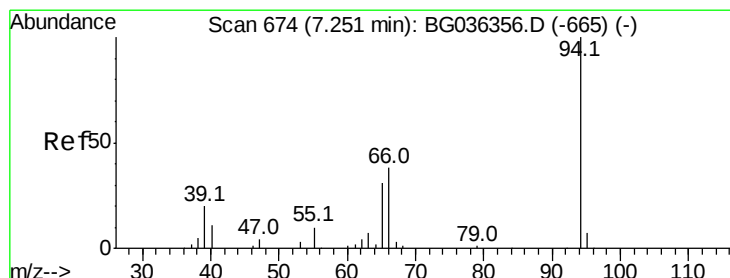
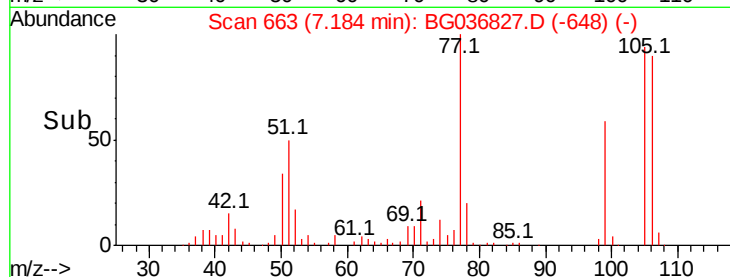
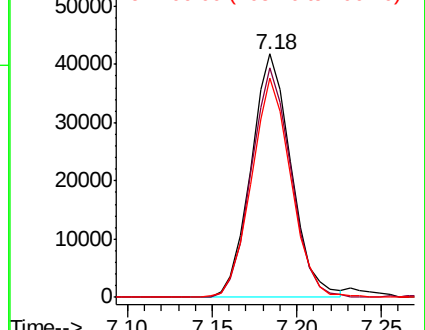
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.773 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

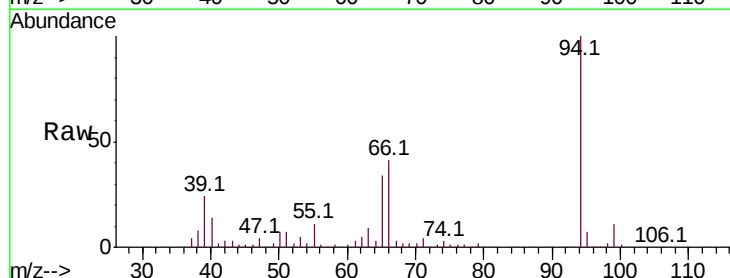
Tgt Ion: 94 Resp: 203223

Ion Ratio Lower Upper

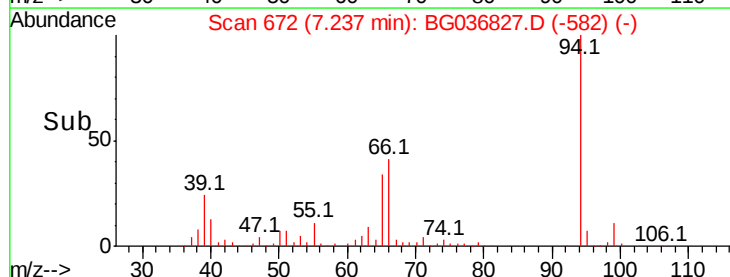
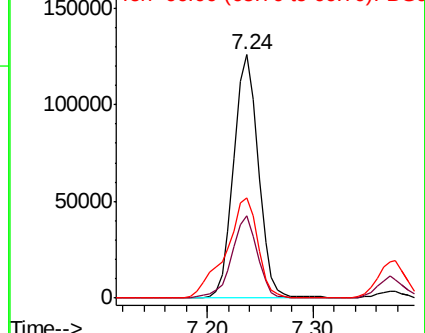
94 100

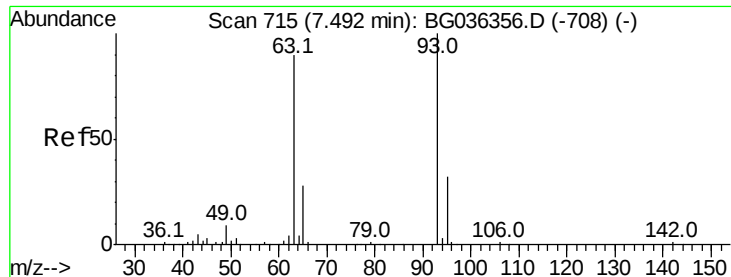
65 33.7 11.5 51.5

66 41.4 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: 40.012 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

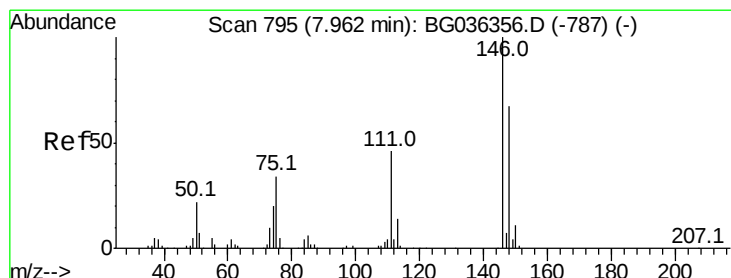
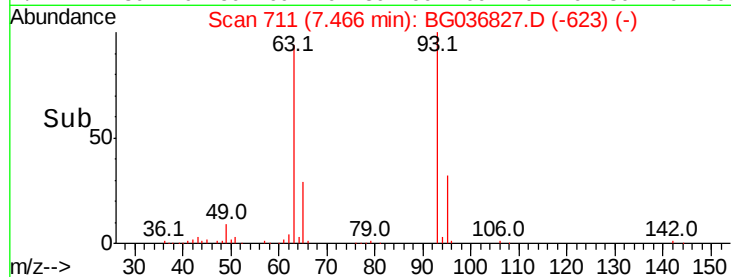
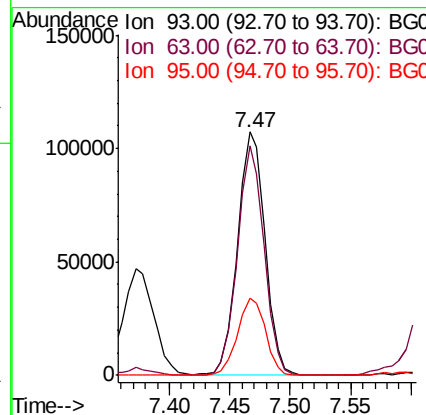
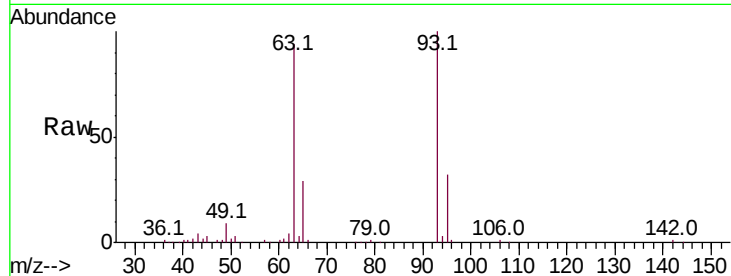
ClientSampleId :

HD-02-091718MS

Tot Ion:	93	Resp:	170662
Ion	Ratio	Lower	Upper
93	100		
63	94.2	69.9	109.9
95	31.5	11.7	51.7

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#12

1,3-Dichlorobenzene

Concen: 39.541 ng

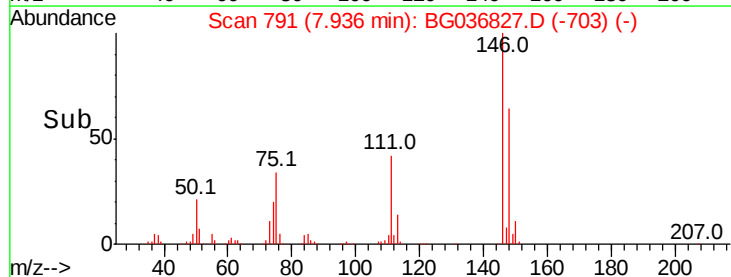
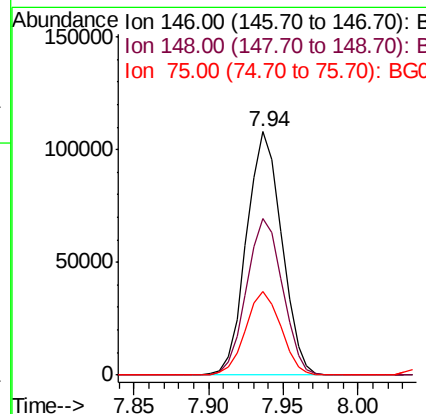
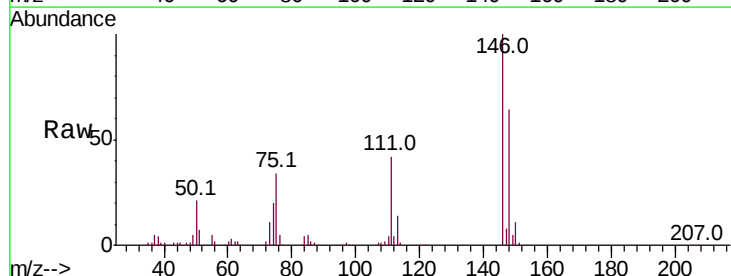
RT: 7.94 min Scan# 791

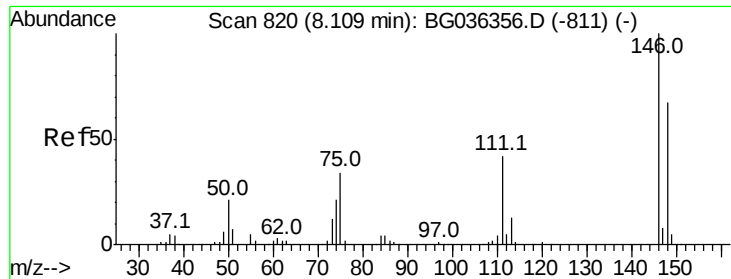
Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:	146	Resp:	175812
Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.8	80.6
75	34.1	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 40.020 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

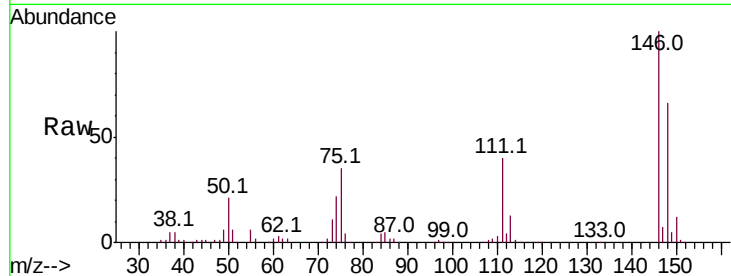
ClientSampleId :

HD-02-091718MS

Tot Ion:	146	Resp:	179657
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.9	80.9
111	40.3	33.8	50.6

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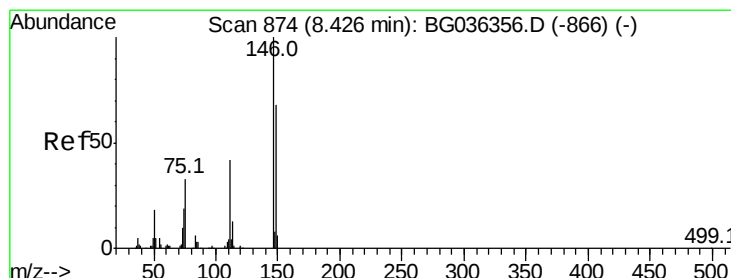
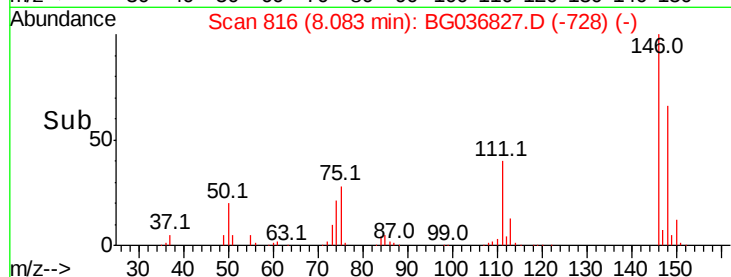
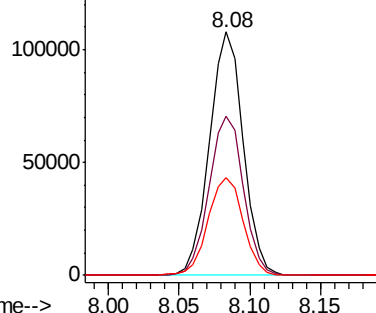


Abundance

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: 40.360 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

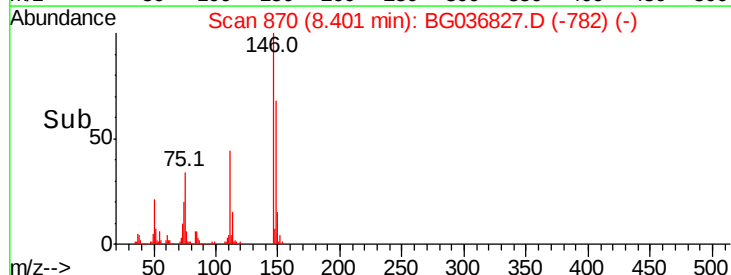
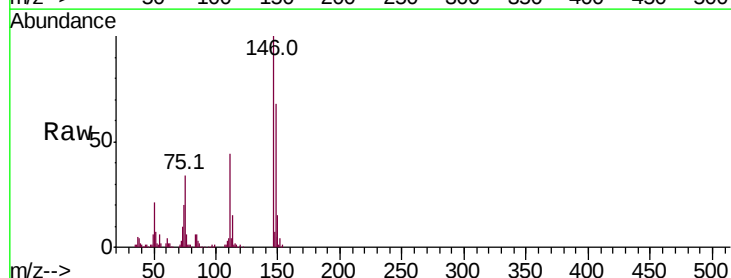
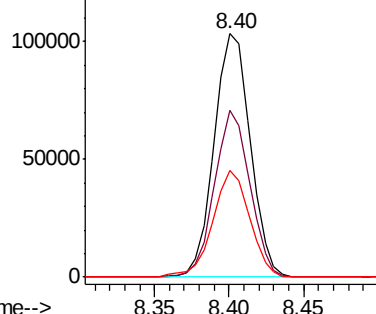
Tgt Ion:	146	Resp:	173030
Ion Ratio	Lower	Upper	
146	100		
148	68.4	55.0	82.6
111	43.7	34.6	51.8

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: 42.359 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

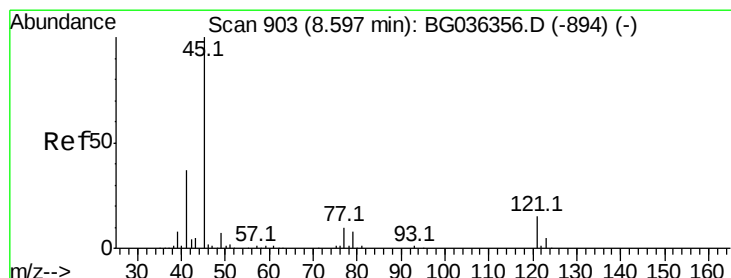
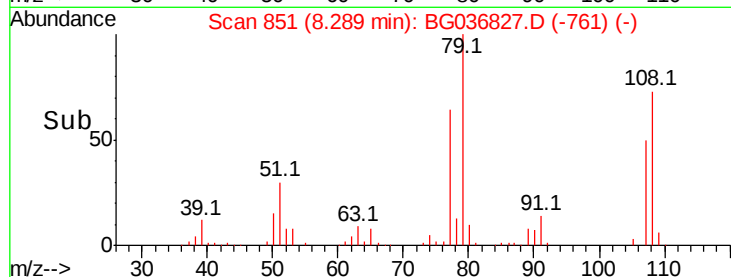
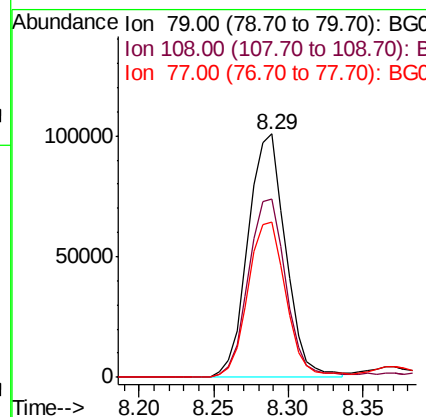
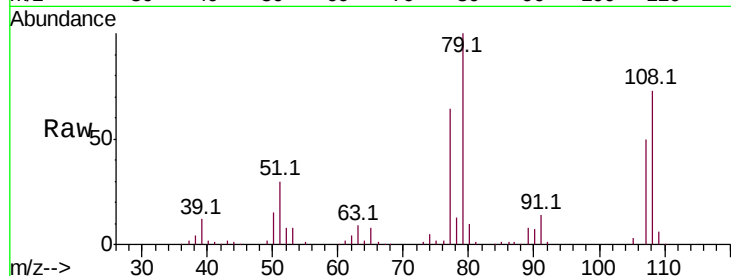
ClientSampleId :

HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.1	55.9	83.9
77	63.9	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.321 ng

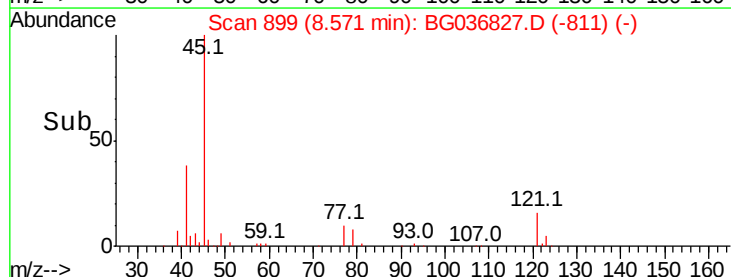
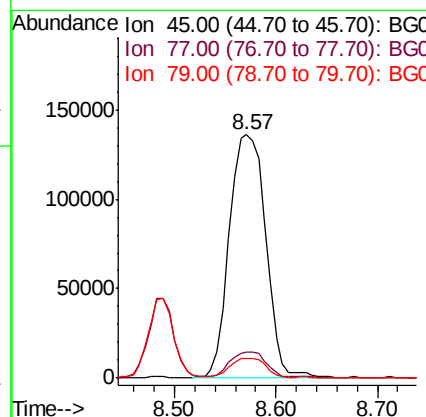
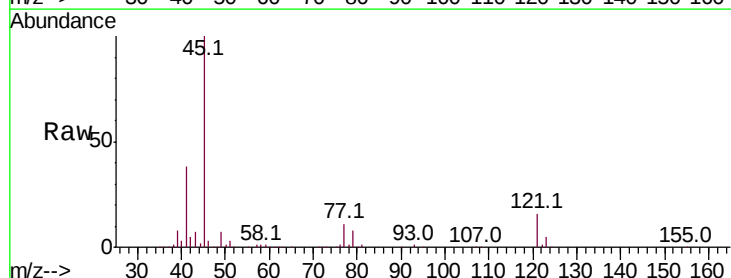
RT: 8.57 min Scan# 899

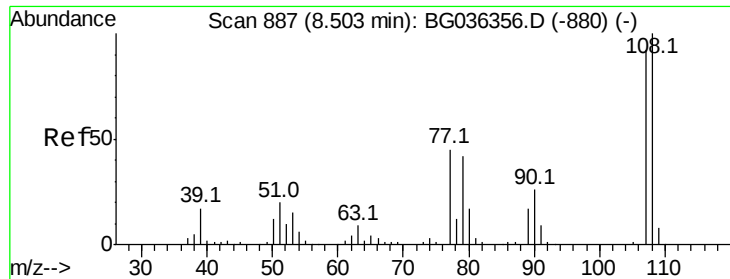
Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.5
79	8.3	0.0	27.9





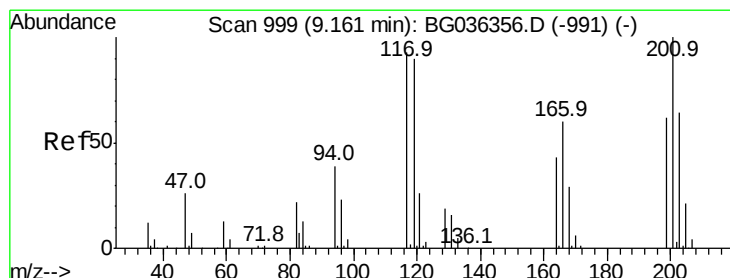
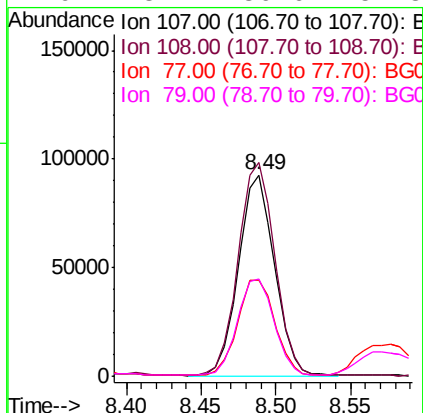
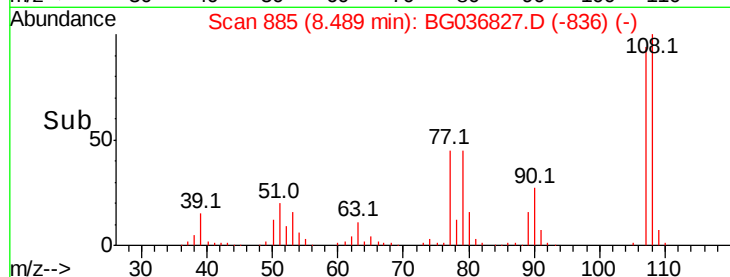
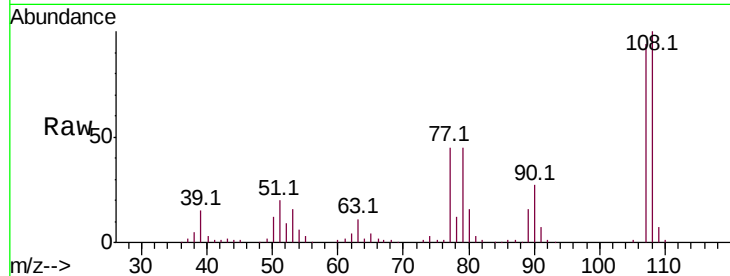
#17
2-Methylphenol
Concen: 43.189 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.2	86.7	130.1
77	47.9	39.0	58.4
79	48.2	36.6	54.8

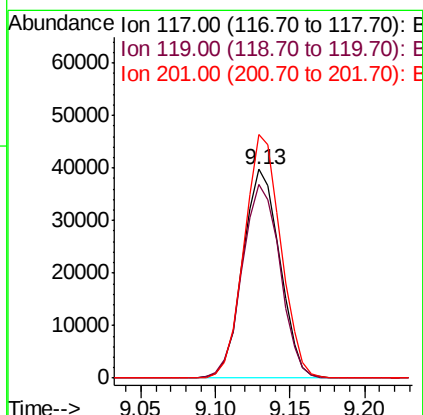
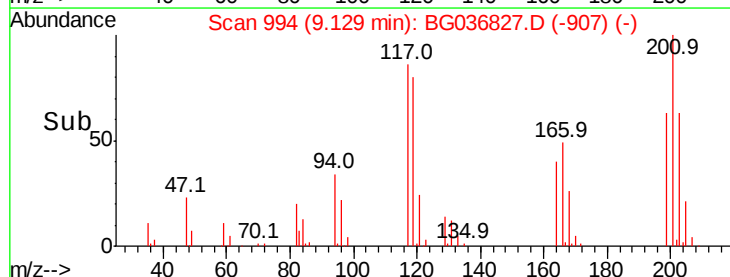
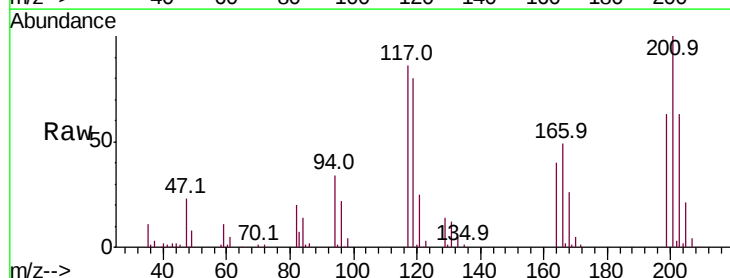
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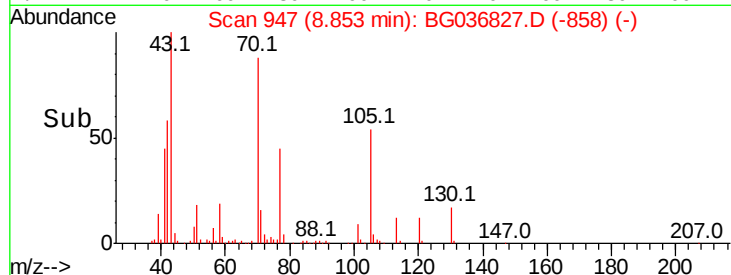
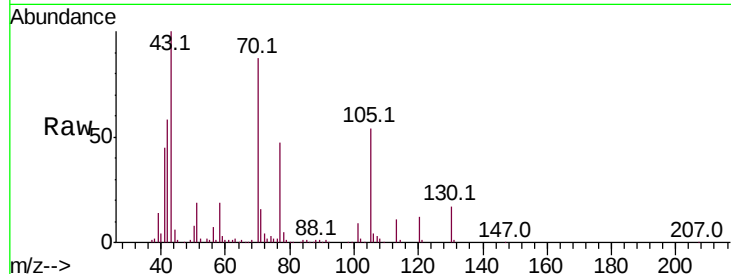
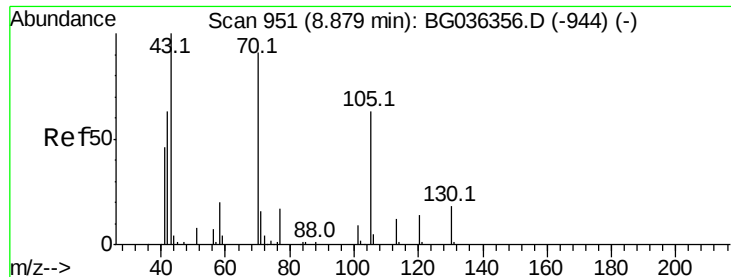
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#18
Hexachloroethane
Concen: 42.312 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.8	115.2
201	116.6	85.7	128.5





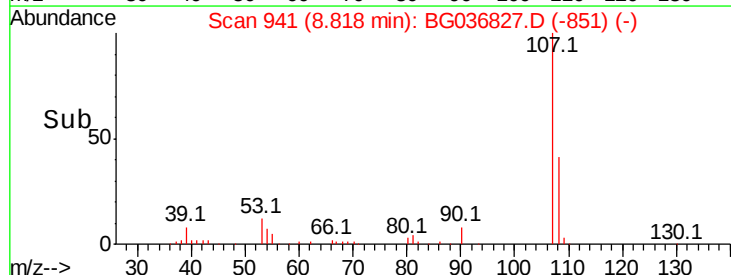
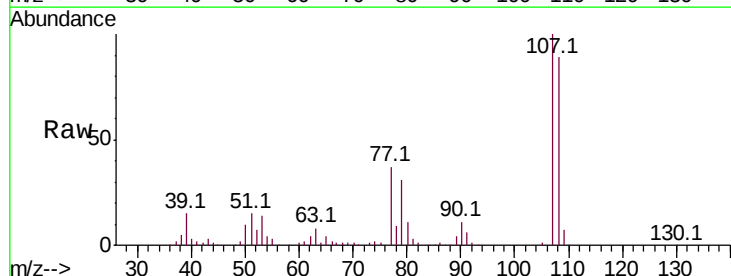
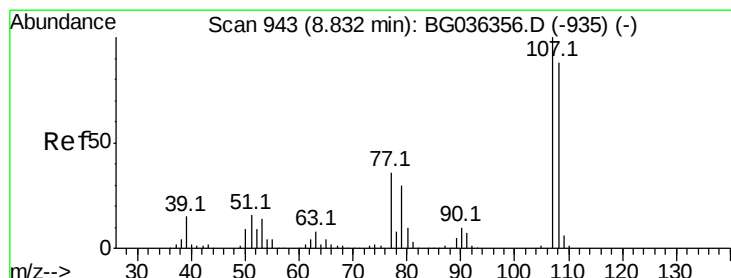
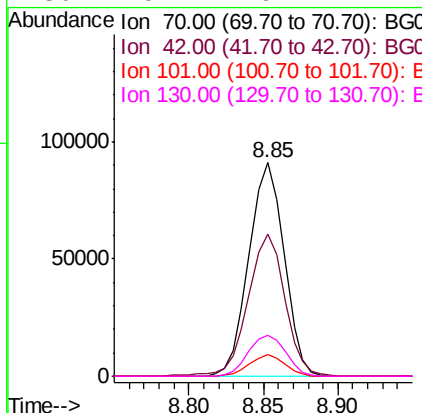
#19
n-Nitroso-di-n-propylamine
Concen: 38.781 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	56.2	84.4
101	9.9	7.8	11.6
130	19.2	16.2	24.2

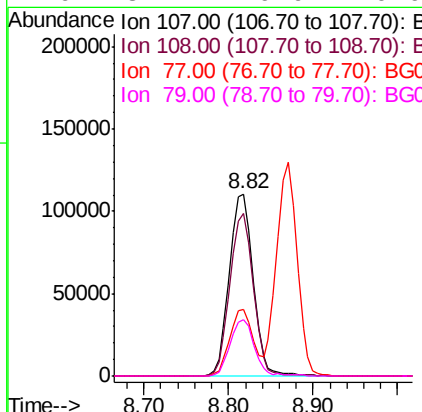
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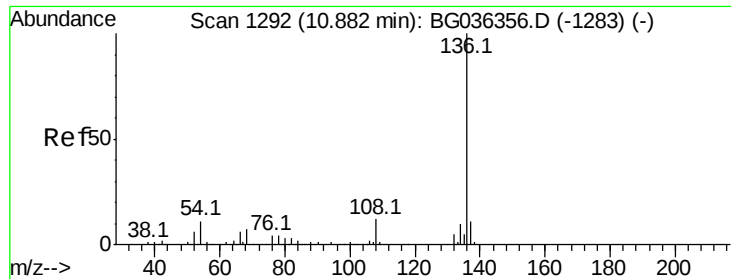
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#20
3+4-Methylphenols
Concen: 42.960 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.0	108.0
77	36.8	15.6	55.6
79	31.2	9.9	49.9





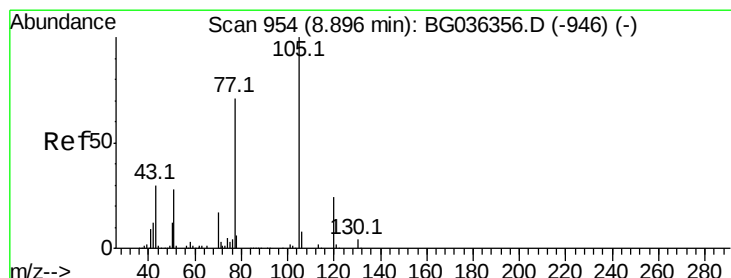
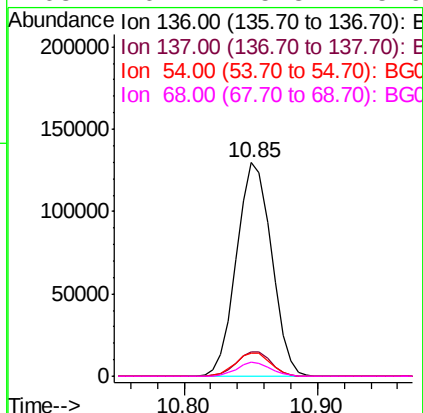
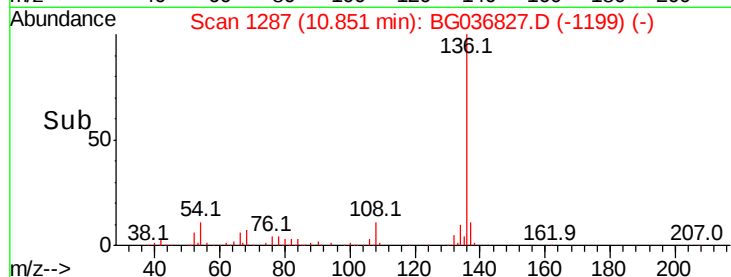
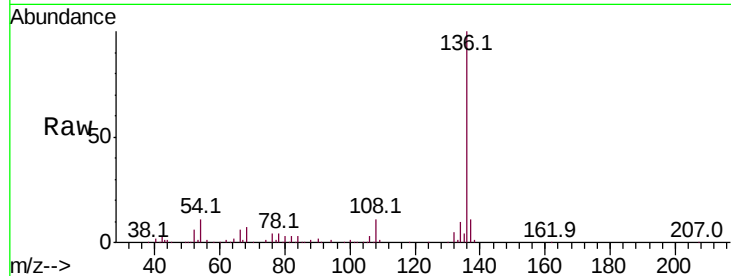
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	10.9	9.2	13.8	
68	6.7	5.8	8.6	

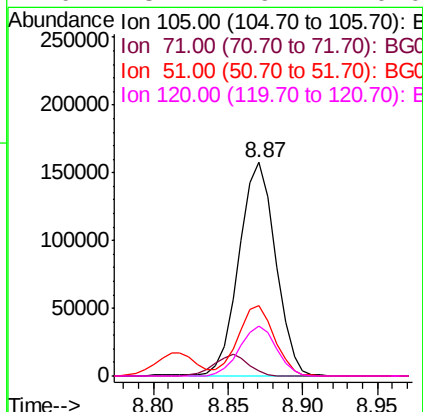
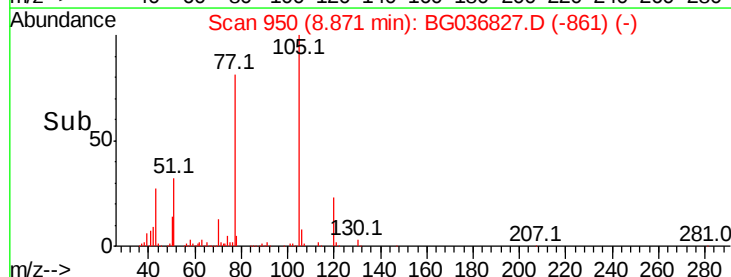
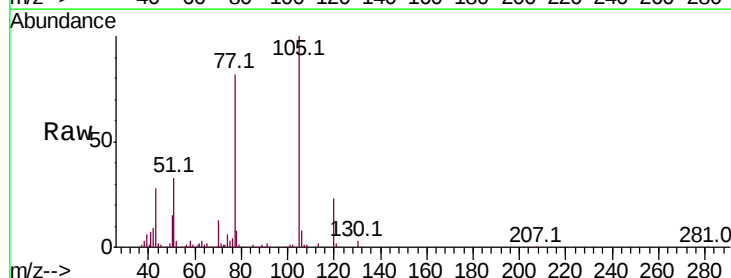
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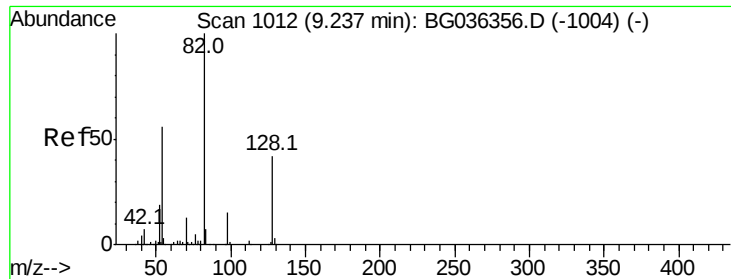
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#22
Acetophenone
Concen: 43.283 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.1	2.4	3.6#	
51	32.7	25.9	38.9	
120	23.1	19.4	29.0	





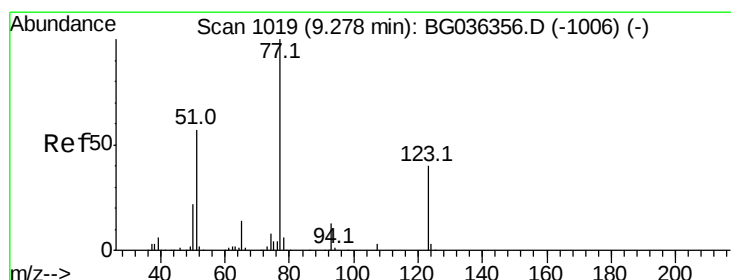
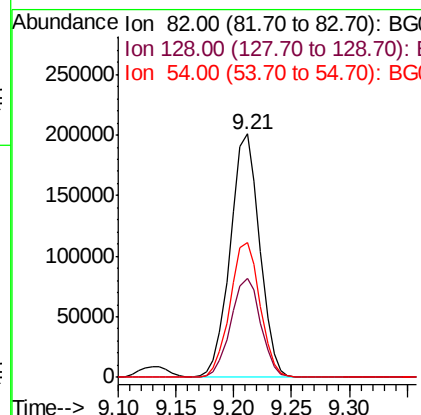
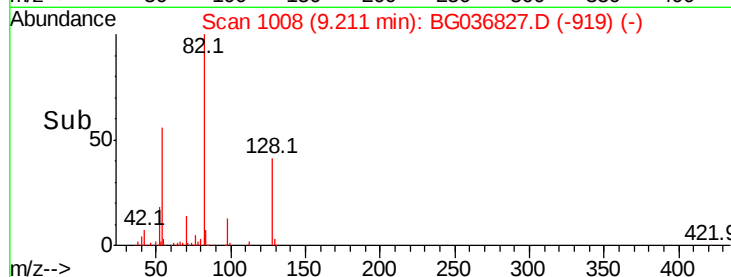
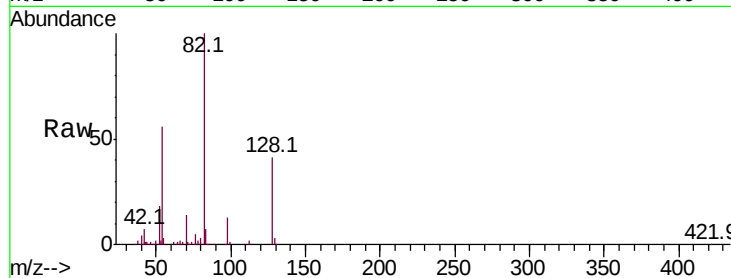
#23
 Nitrobenzene-d5
 Concen: 81.772 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleID :
 HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	55.5	45.1	67.7

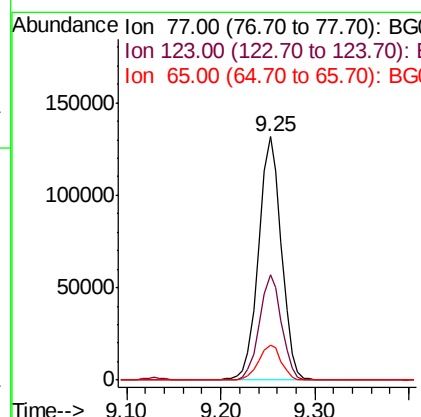
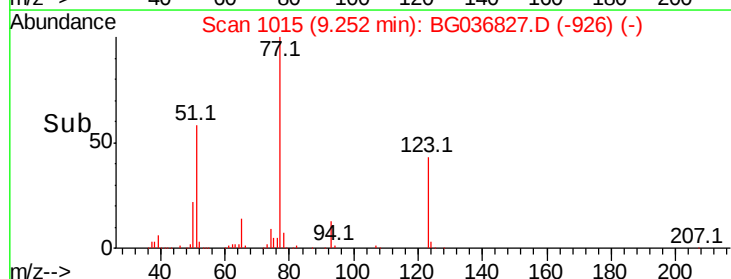
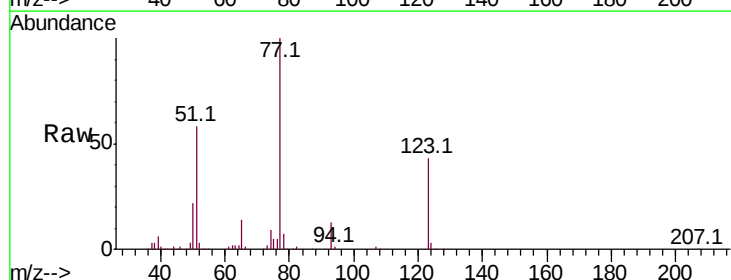
Manual Integrations
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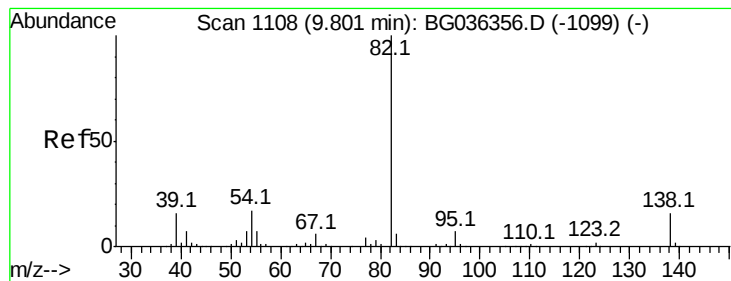
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#24
 Nitrobenzene
 Concen: 47.044 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	32.4	48.6
65	14.5	11.5	17.3





#25

Isophorone

Concen: 47.554 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

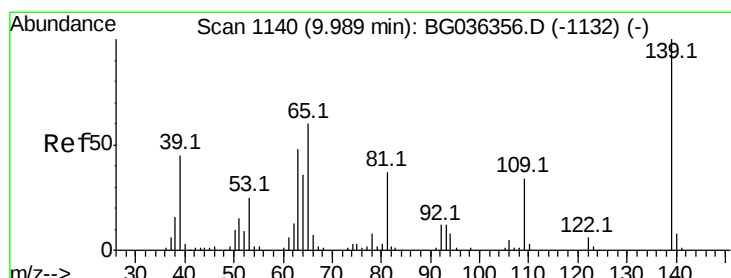
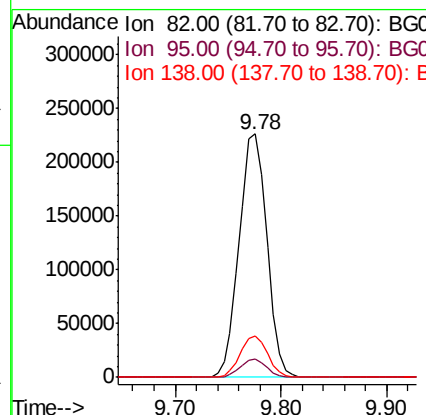
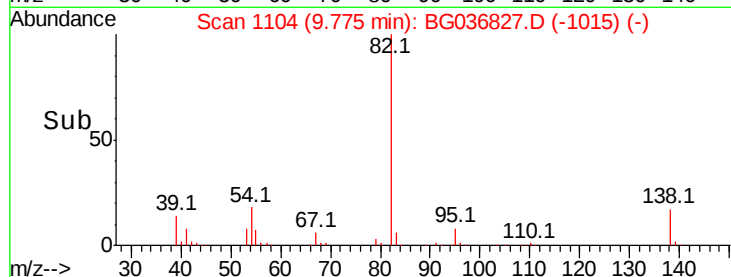
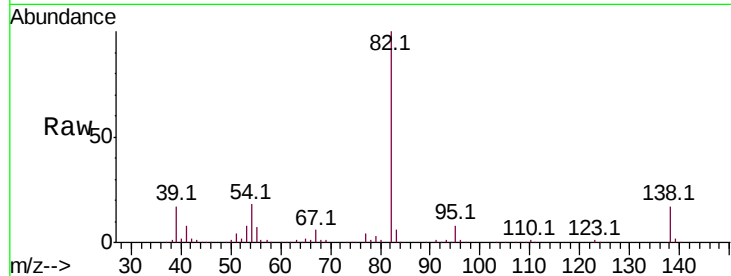
ClientSampleId :

HD-02-091718MS

Tot Ion:	82	Resp:	411341
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.8
138	17.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.656 ng

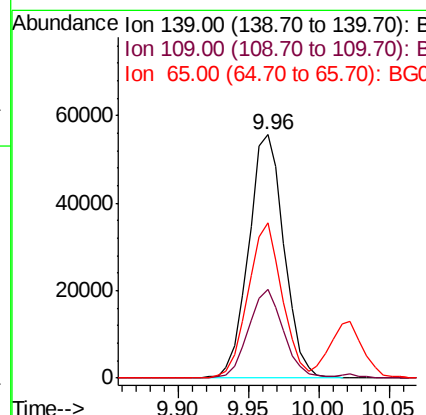
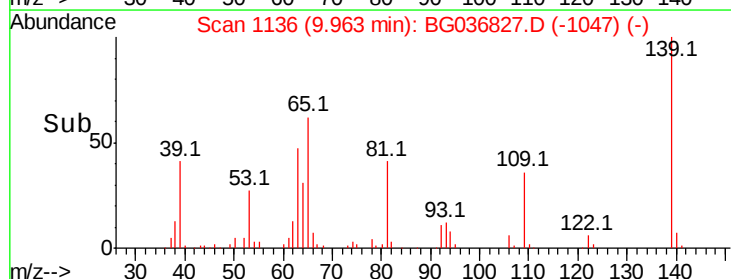
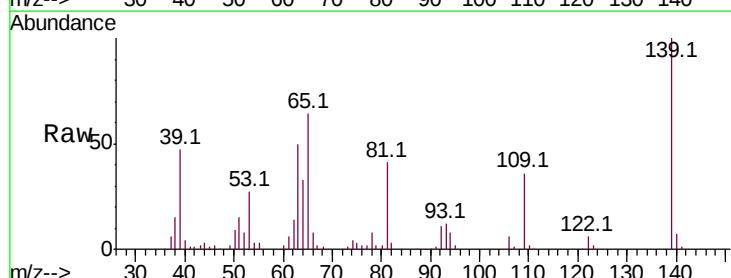
RT: 9.96 min Scan# 1136

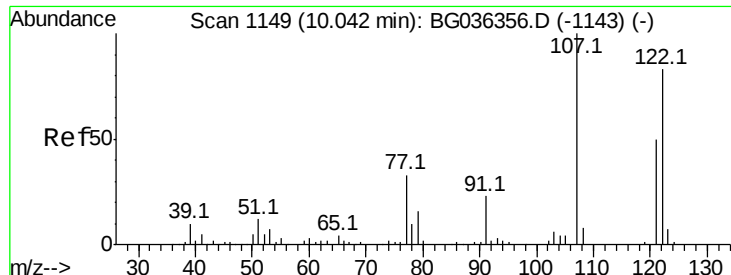
Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:	139	Resp:	97972
Ion Ratio	Lower	Upper	
139	100		
109	36.4	27.4	41.0
65	64.0	47.8	71.6





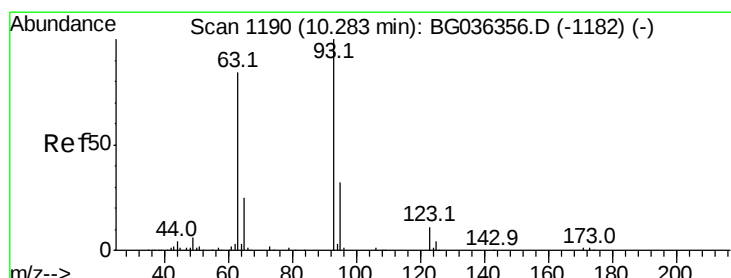
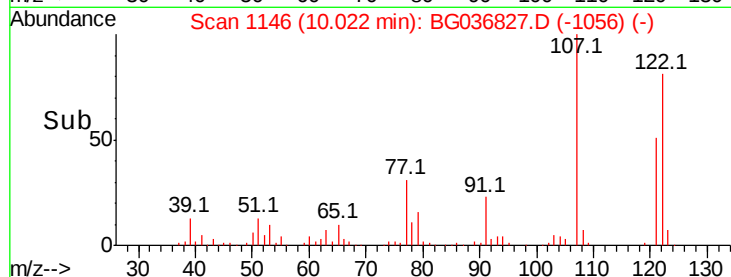
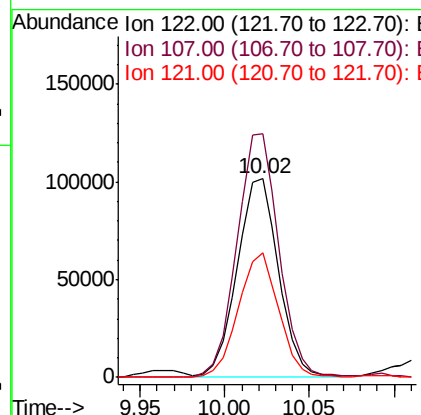
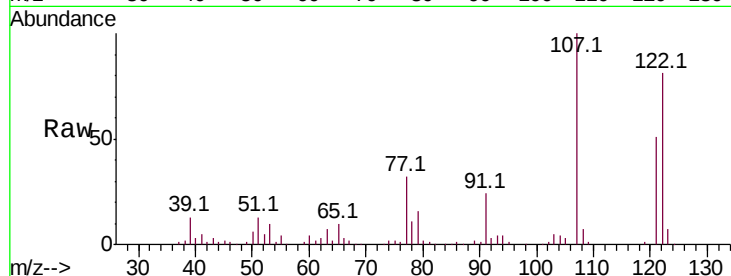
#27
 2,4-Dimethylphenol
 Concen: 49.981 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	172171		
107	122.8	96.0	144.0	
121	62.6	48.2	72.4	

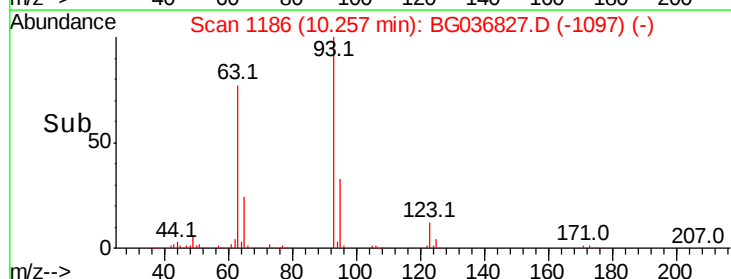
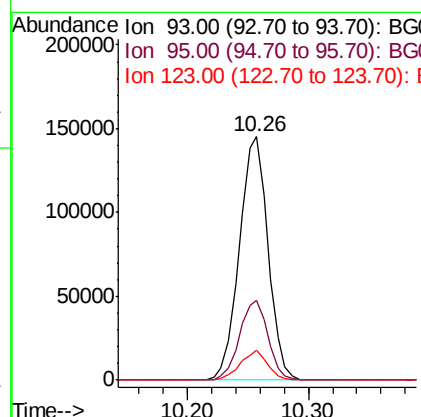
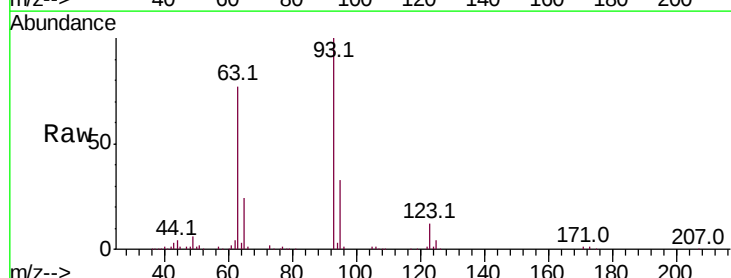
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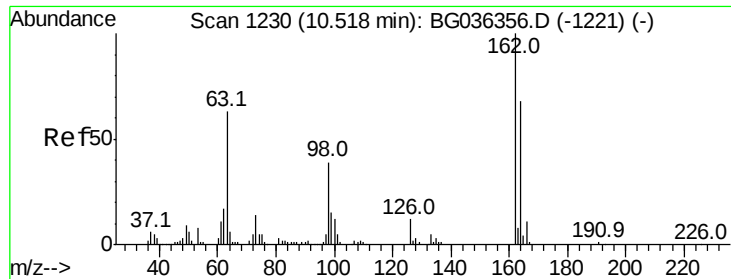
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.152 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	239701		
95	32.7	25.2	37.8	
123	12.2	8.6	12.8	





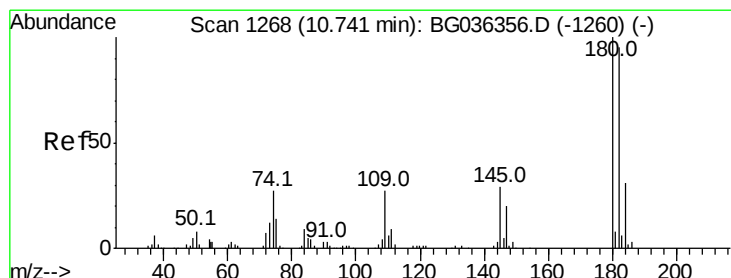
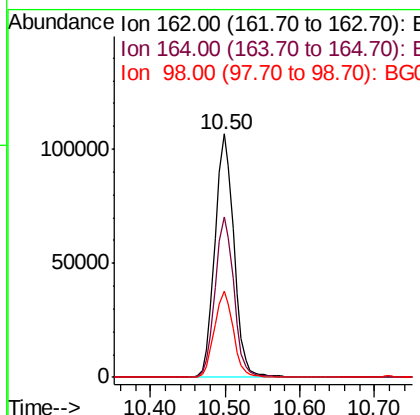
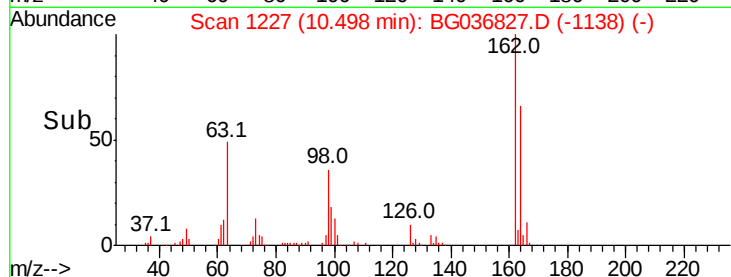
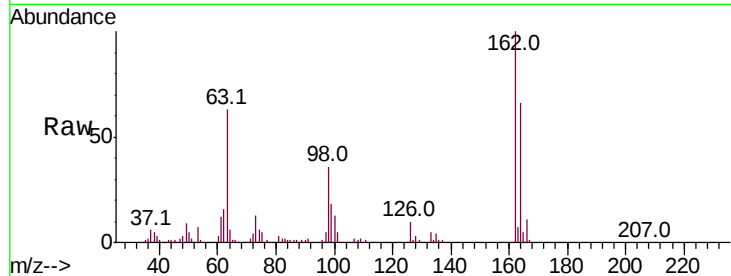
#29
2,4-Dichlorophenol
Concen: 50.159 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.0	47.6	87.6	
98	35.5	19.2	59.2	

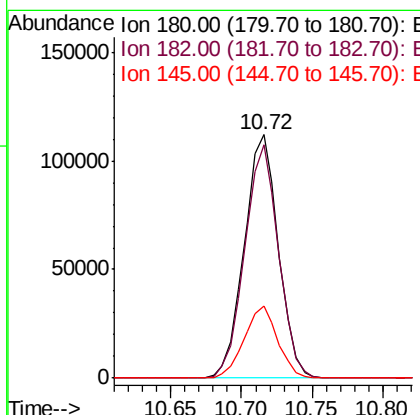
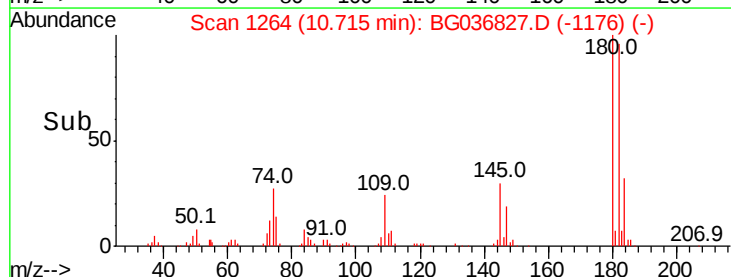
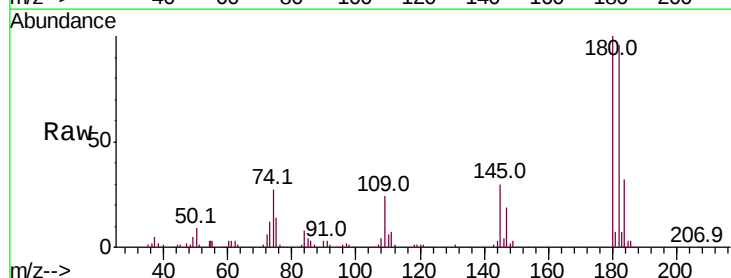
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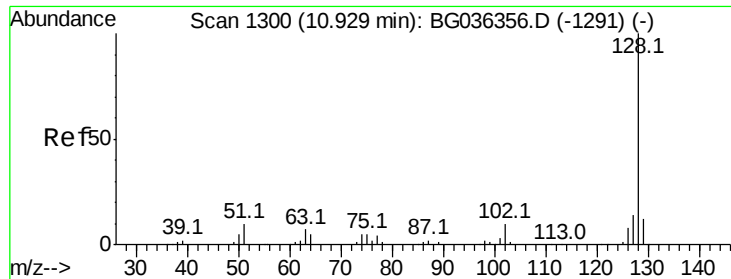
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#30
1,2,4-Trichlorobenzene
Concen: 42.803 ng
RT: 10.72 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	76.0	114.0	
145	29.9	22.9	34.3	





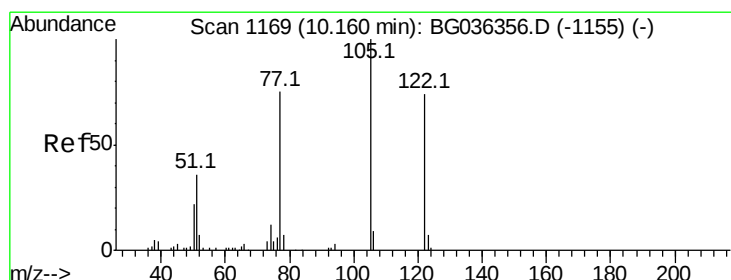
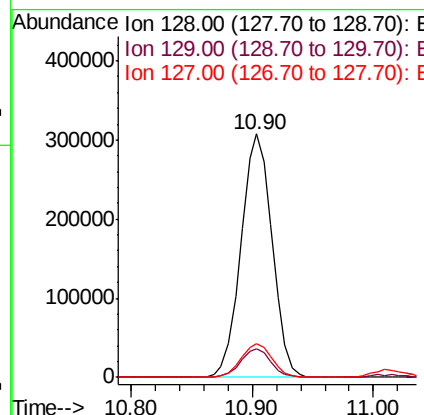
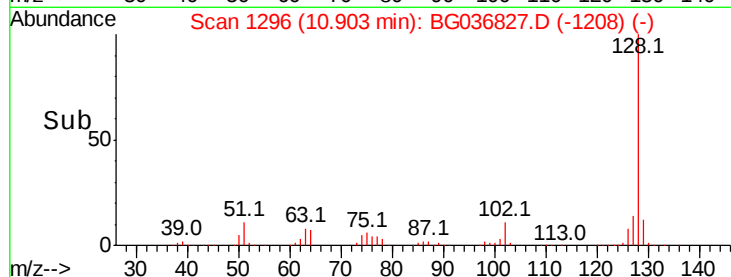
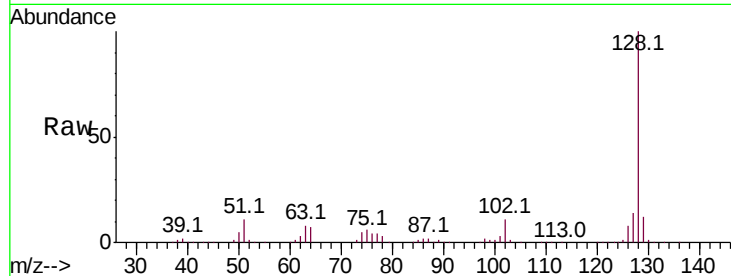
#31
Naphthalene
Concen: 46.513 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion:	128	Resp:	549315
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.4	14.2
127	13.8	11.0	16.4

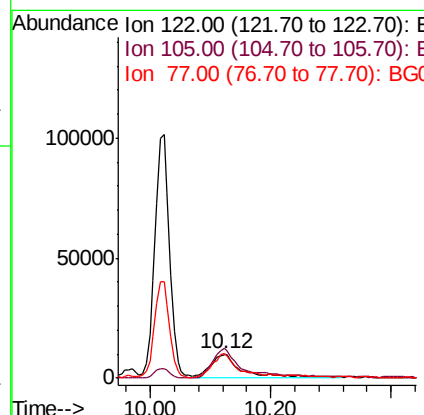
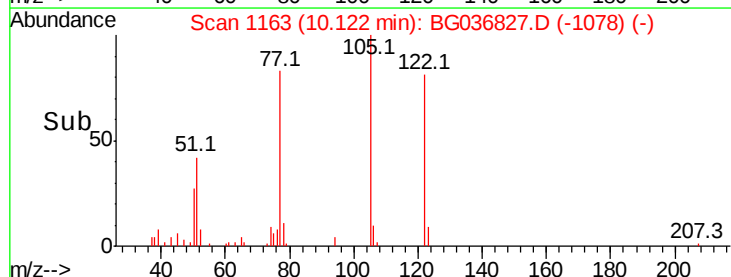
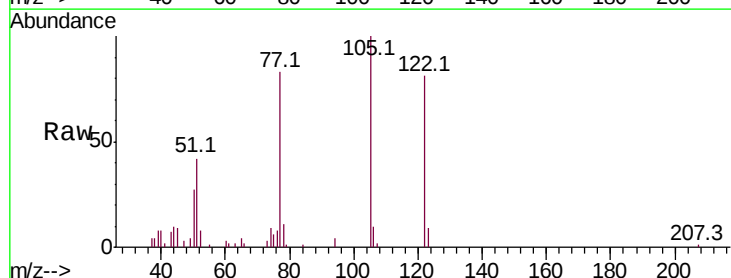
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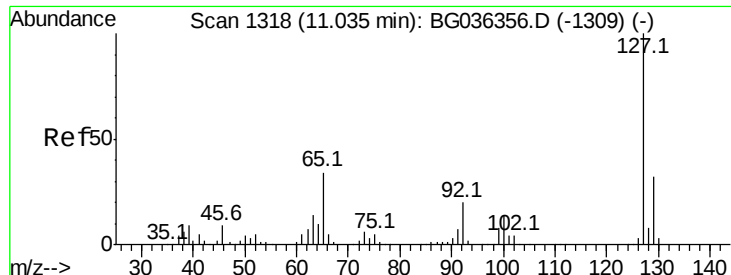
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#32
Benzoic acid
Concen: 17.179 ng m
RT: 10.12 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion:	122	Resp:	35771
Ion Ratio	Lower	Upper	
122	100		
105	123.1	108.1	148.1
77	101.7	76.3	116.3





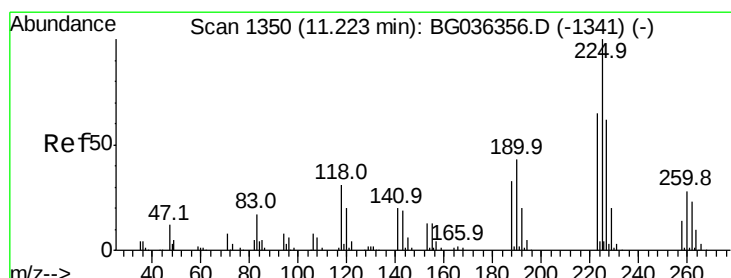
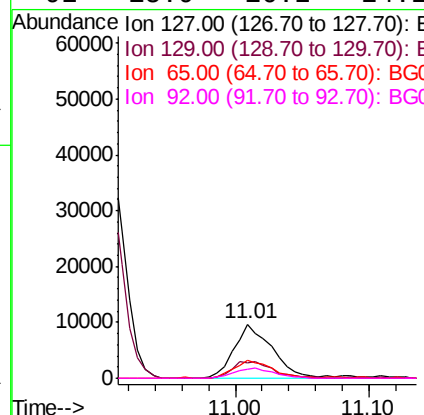
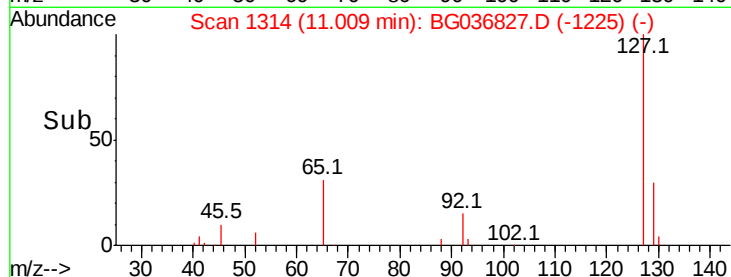
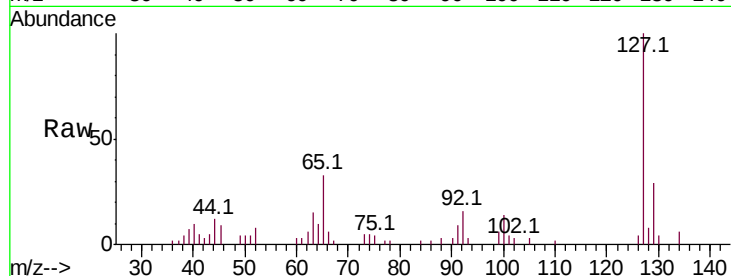
#33
4-Chloroaniline
Concen: 3.591 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.9	38.9
65	33.5	27.5	41.3
92	15.9	16.2	24.2

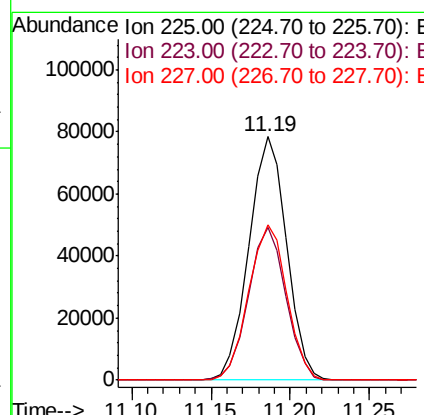
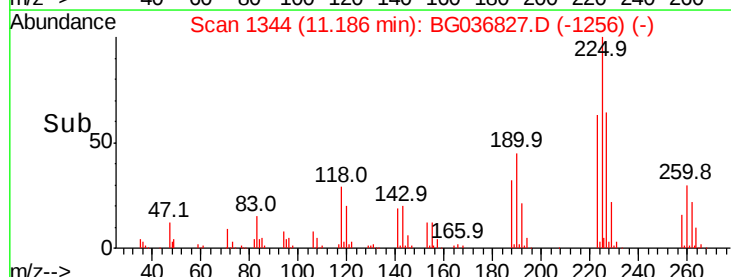
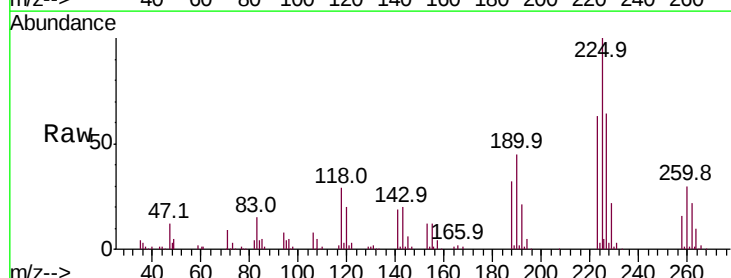
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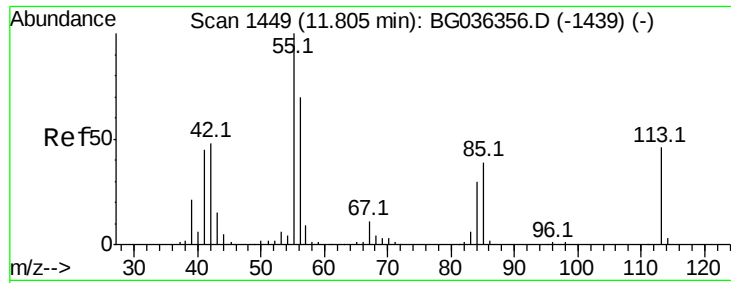
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#34
Hexachlorobutadiene
Concen: 43.777 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.8	77.8
227	63.9	49.8	74.6





#35

Caprolactam

Concen: 32.745 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

HD-02-091718MS

Tot Ion:113 Resp: 49245

Ion Ratio Lower Upper

113 100

55 212.6 197.7 237.7

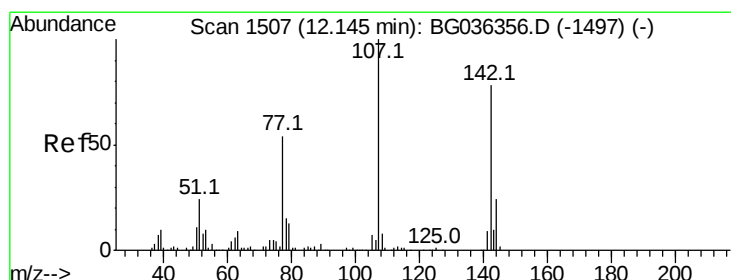
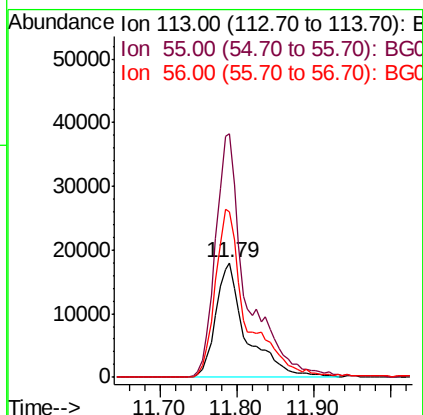
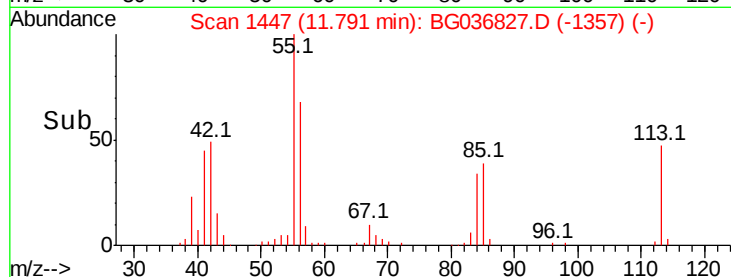
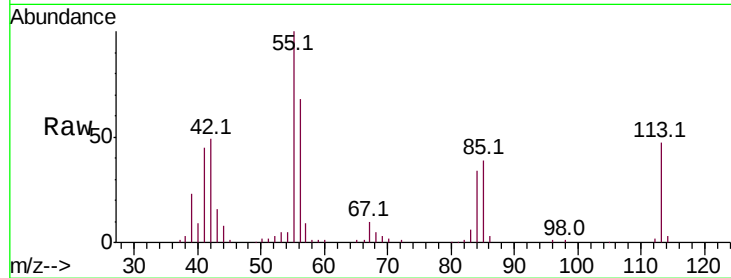
56 144.2 131.7 171.7

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#36

4-Chloro-3-methylphenol

Concen: 48.719 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

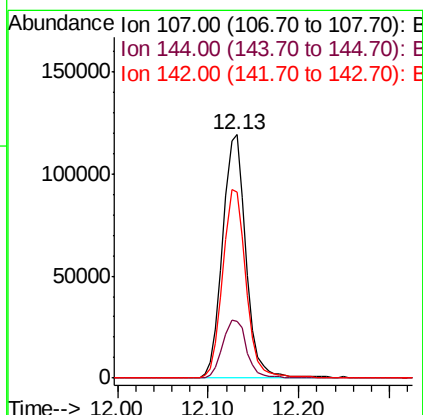
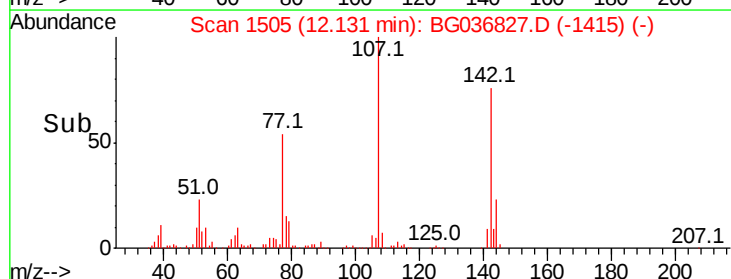
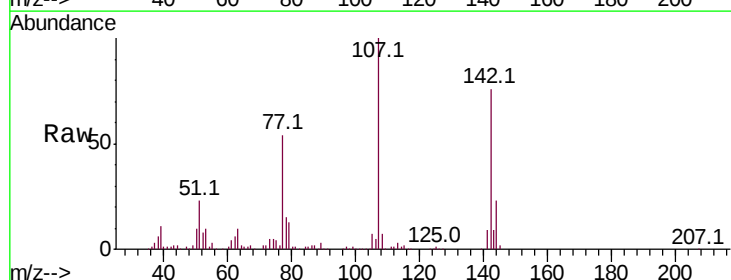
Tgt Ion:107 Resp: 213715

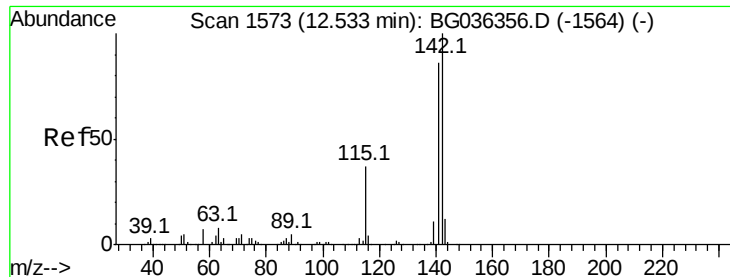
Ion Ratio Lower Upper

107 100

144 23.3 19.5 29.3

142 76.4 62.4 93.6





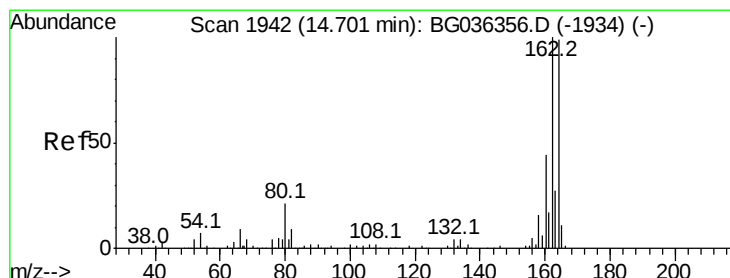
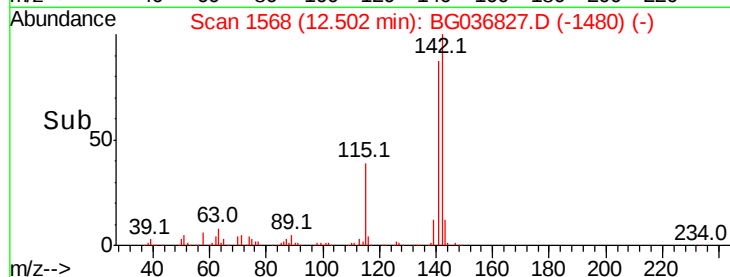
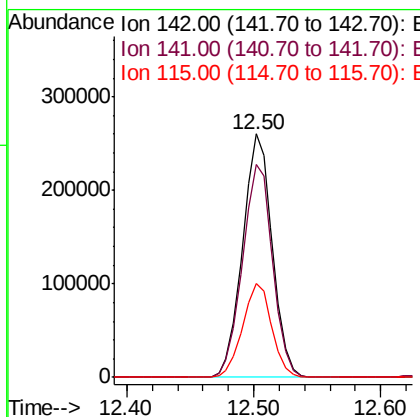
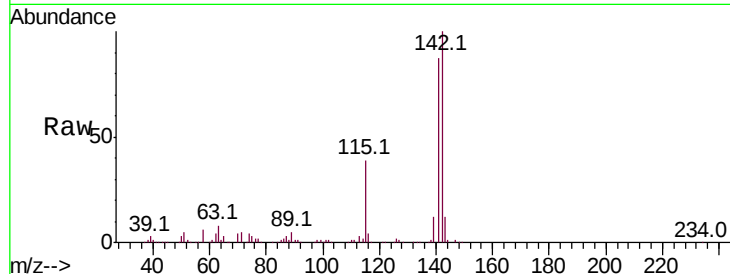
#37
2-Methylnaphthalene
Concen: 48.582 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.5	102.7
115	38.8	29.8	44.8

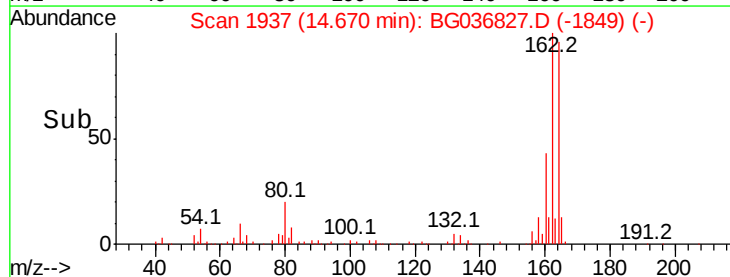
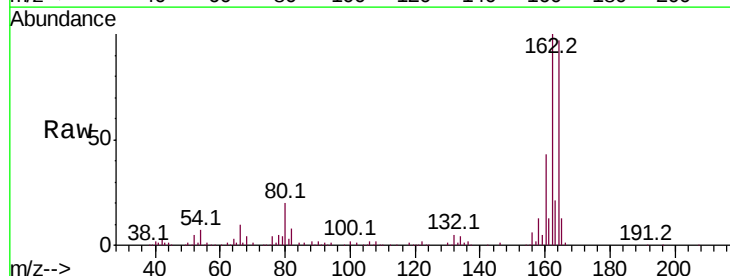
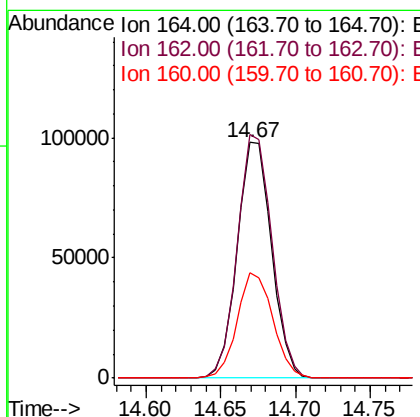
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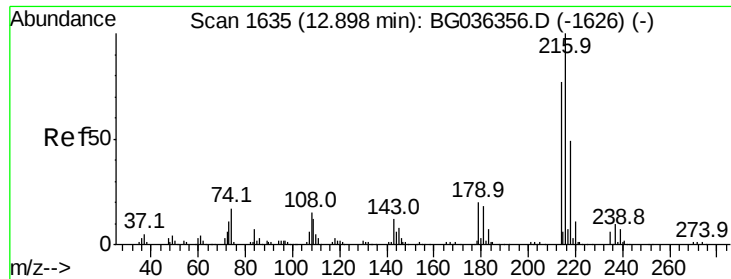
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	44.8	35.3	52.9





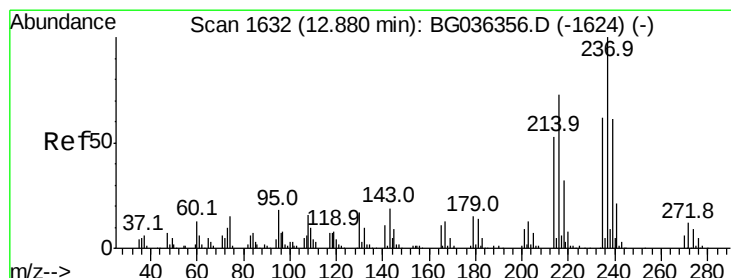
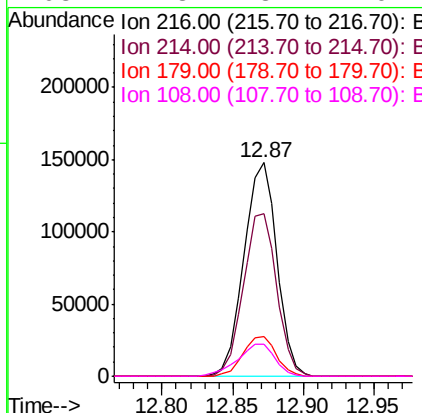
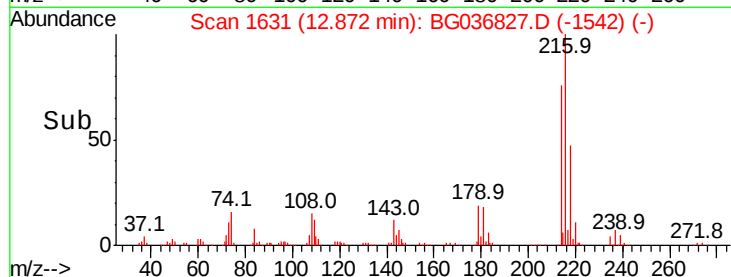
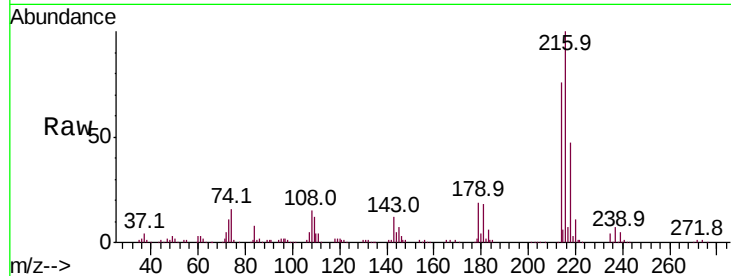
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.608 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	242122		
214	77.0	61.0	91.6	
179	19.0	15.7	23.5	
108	17.3	13.1	19.7	

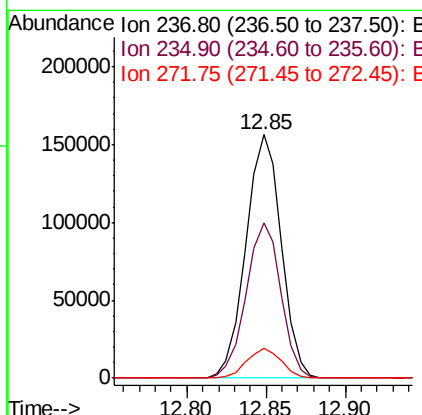
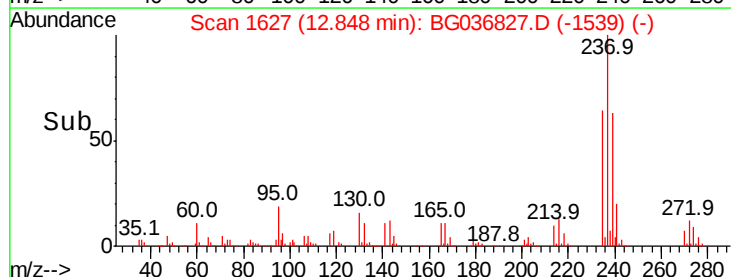
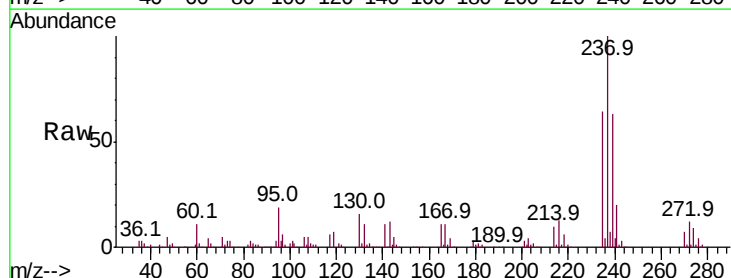
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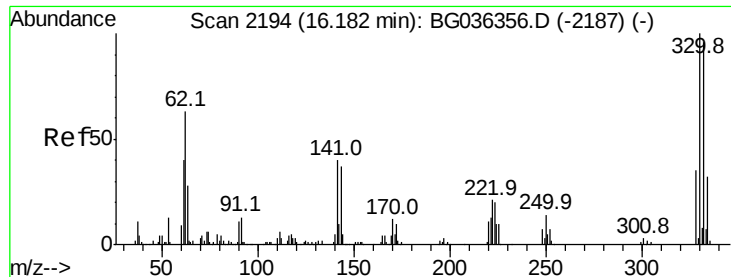
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#40
 Hexachlorocyclopentadiene
 Concen: 83.846 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	242215		
235	63.6	42.2	82.2	
272	12.1	0.0	32.1	





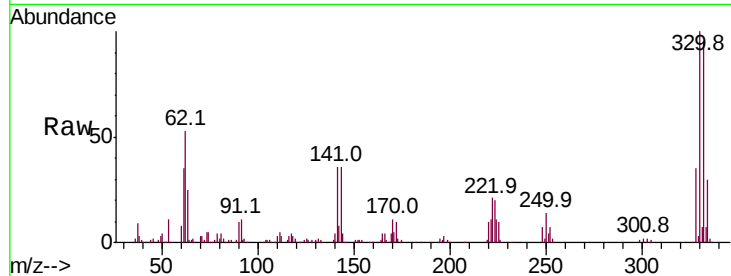
#41
 2,4,6-Tribromophenol
 Concen: 126.634 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

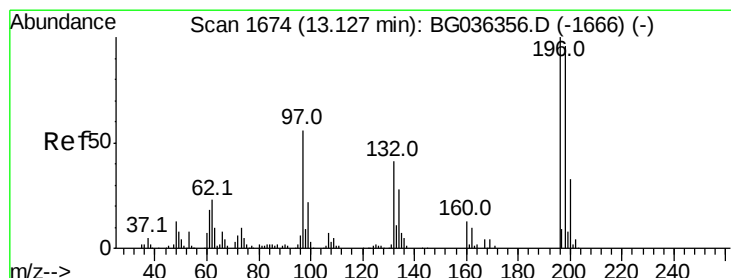
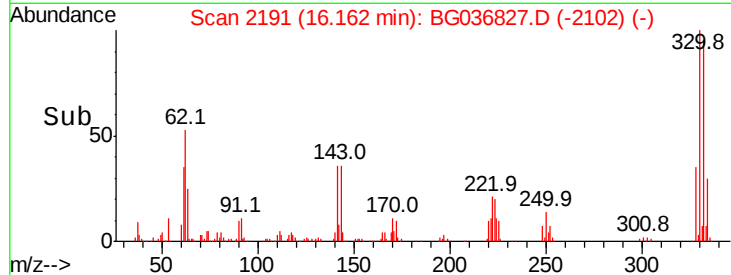
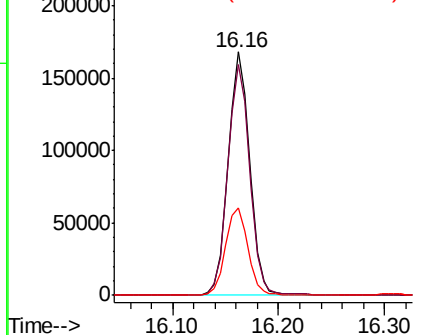
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	37.6	30.7	46.1

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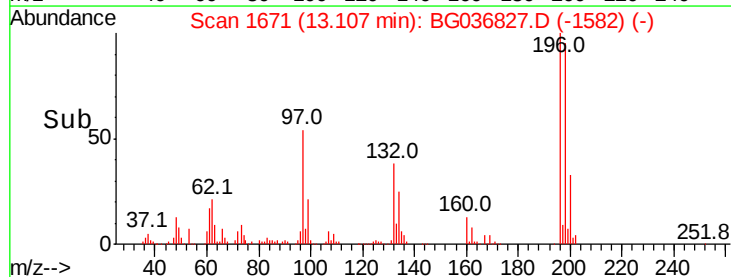
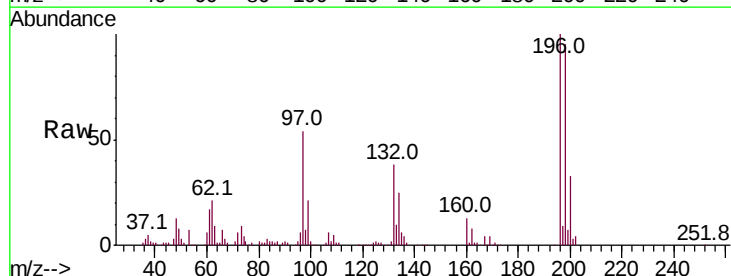
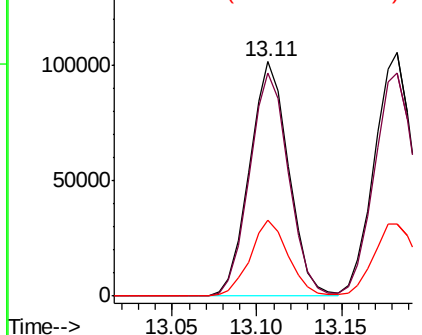
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

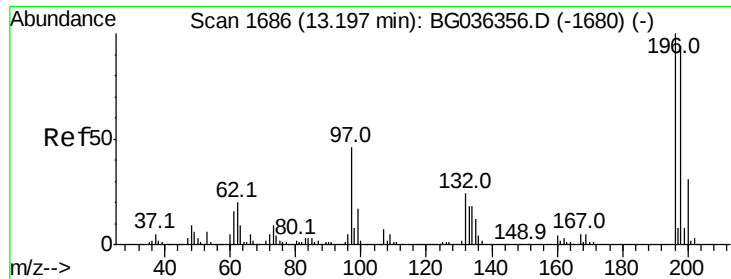


#42
 2,4,6-Trichlorophenol
 Concen: 48.389 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.2	115.8
200	32.5	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





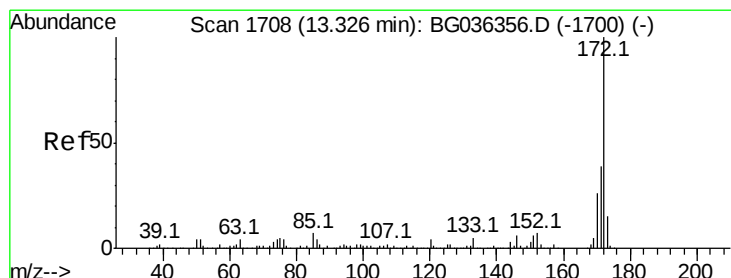
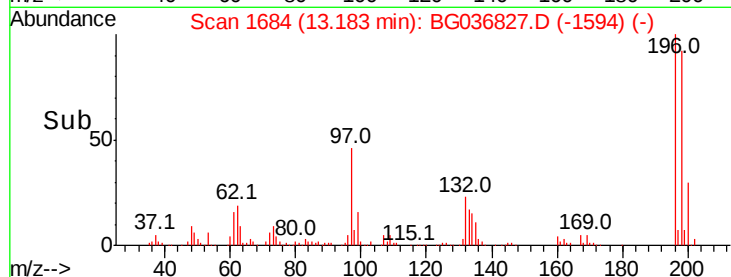
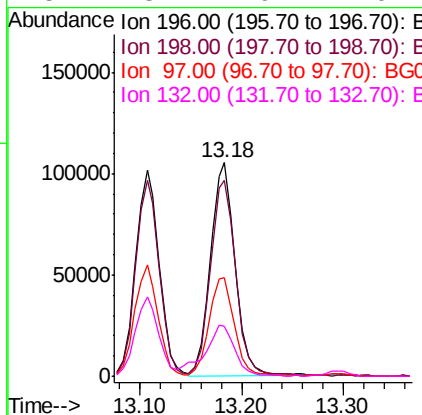
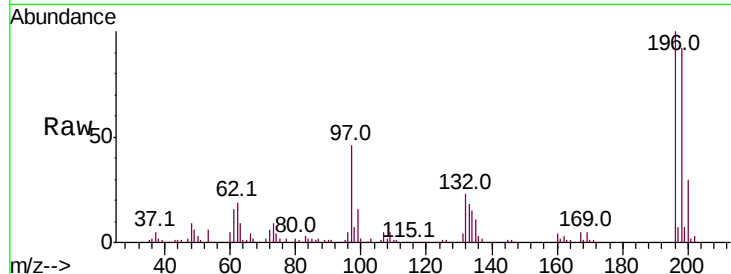
#43
 2,4,5-Trichlorophenol
 Concen: 49.061 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		176983		
198	91.7	75.6	113.4		
97	46.1	37.2	55.8		
132	23.1	19.4	29.2		

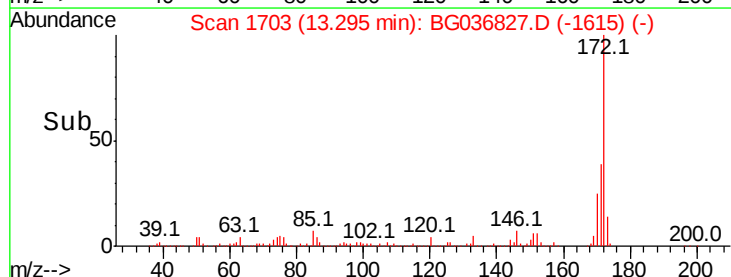
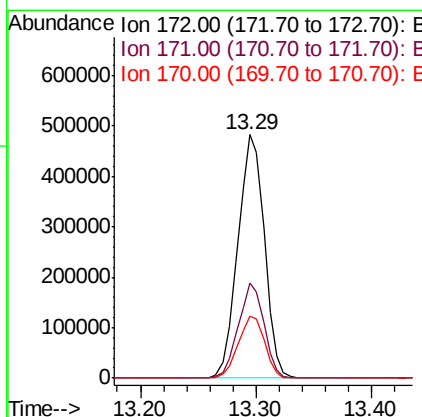
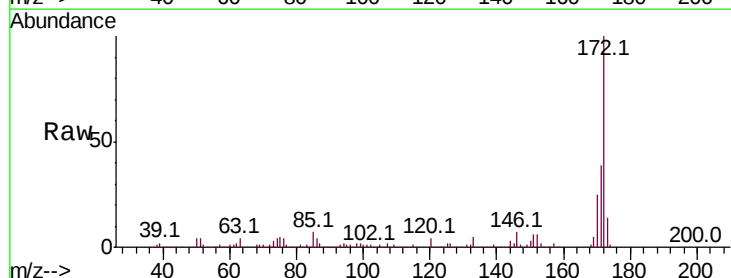
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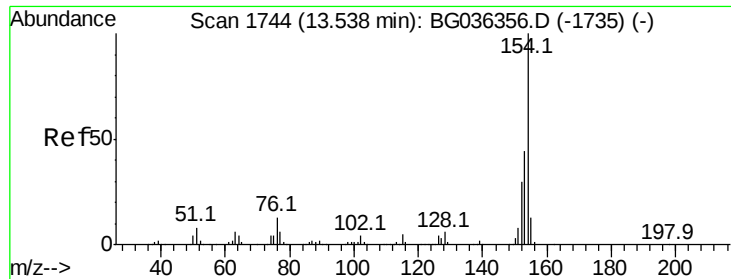
Sohil
 9/20/2018 11:46:42 AM



#44
 2-Fluorobiphenyl
 Concen: 69.481 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		763473		
171	39.3	31.3	46.9		
170	25.3	21.0	31.6		





#45

1,1'-Biphenyl

Concen: 41.717 ng

RT: 13.51 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

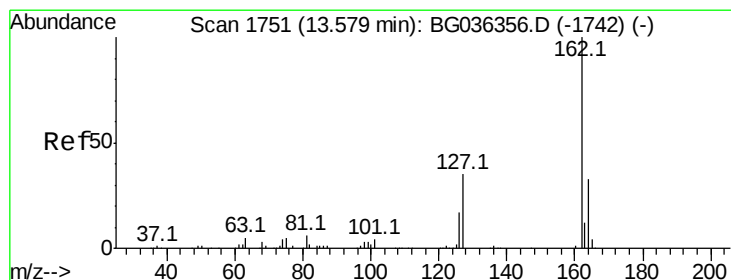
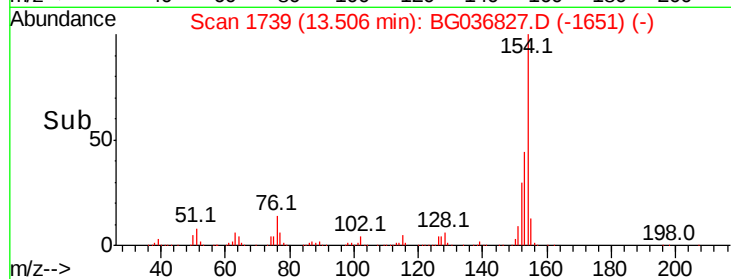
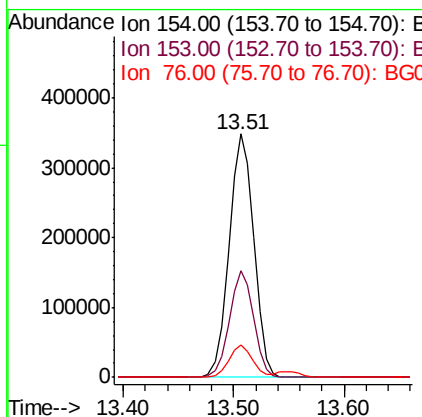
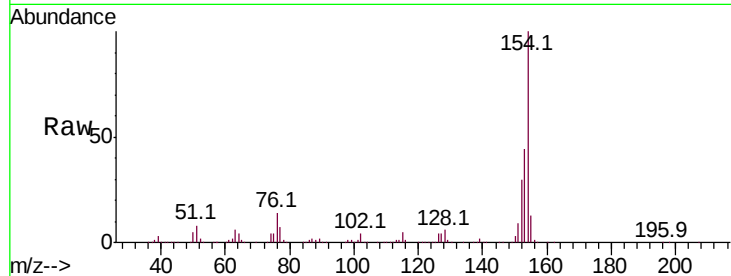
ClientSampleId :

HD-02-091718MS

Tot Ion:	154	Resp:	543286
Ion Ratio	Lower	Upper	
154	100		
153	44.1	24.0	64.0
76	13.6	0.0	32.9

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#46

2-Chloronaphthalene

Concen: 42.528 ng

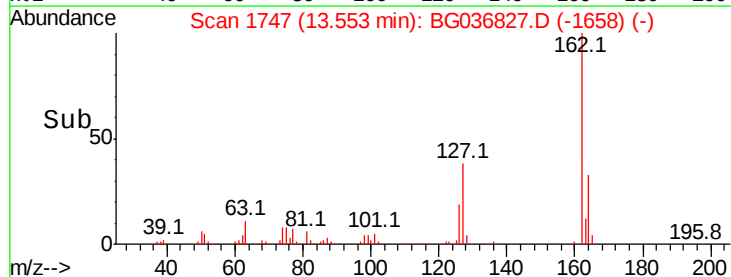
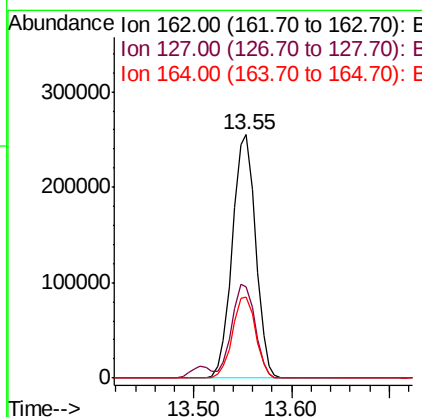
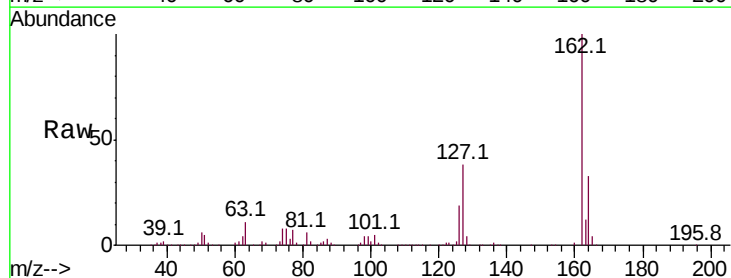
RT: 13.55 min Scan# 1747

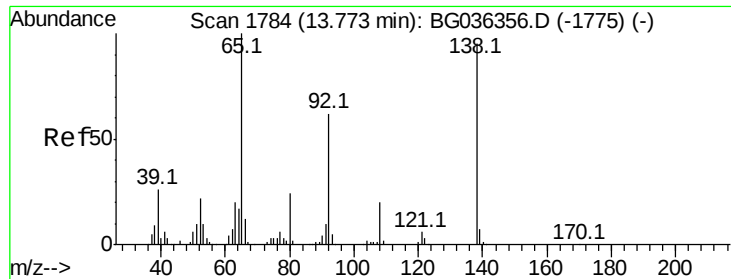
Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:	162	Resp:	422822
Ion Ratio	Lower	Upper	
162	100		
127	37.7	30.7	46.1
164	33.3	26.7	40.1





#47

2-Nitroaniline

Concen: 51.465 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

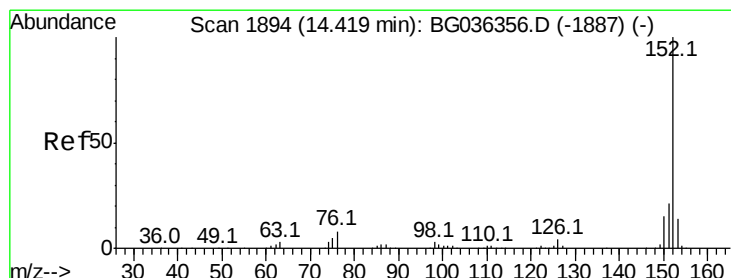
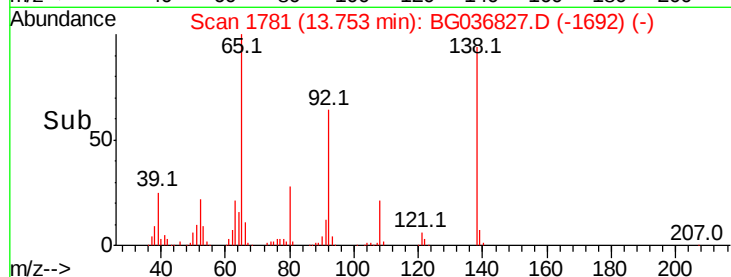
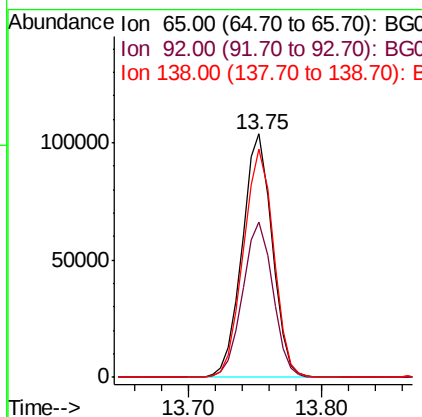
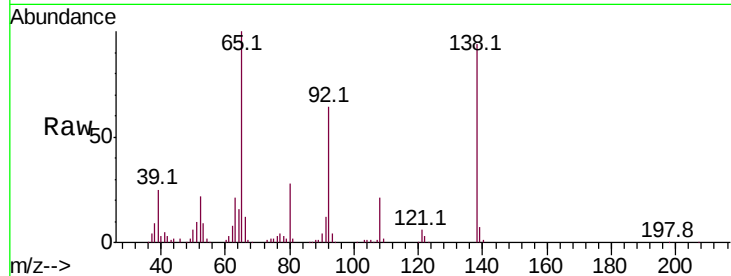
ClientSampleId :

HD-02-091718MS

Tot Ion:	65	Resp:	160673
Ion Ratio	Lower	Upper	
65	100		
92	63.5	49.9	74.9
138	93.5	76.2	114.4

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#48

Acenaphthylene

Concen: 46.067 ng

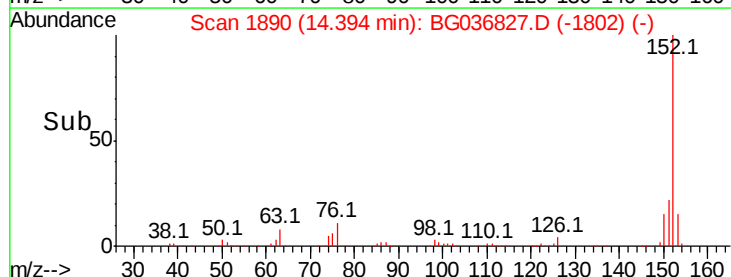
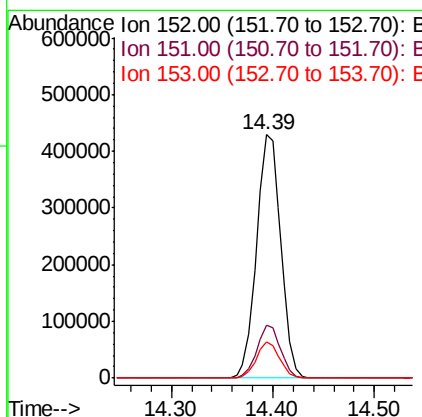
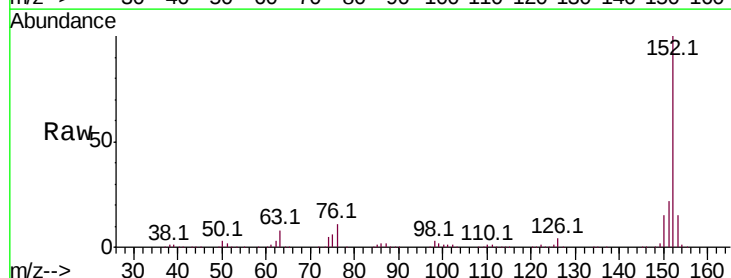
RT: 14.39 min Scan# 1890

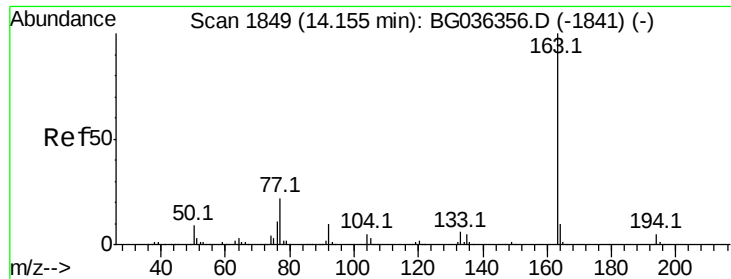
Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:	152	Resp:	715785
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.9	25.3
153	14.8	11.2	16.8





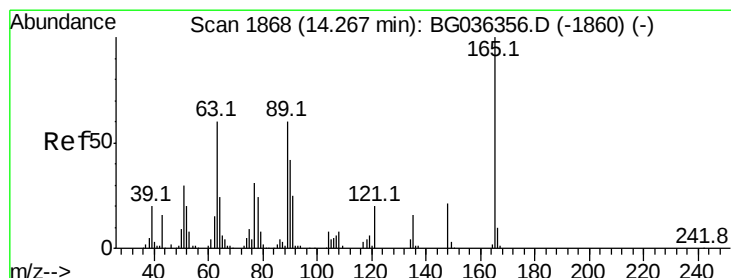
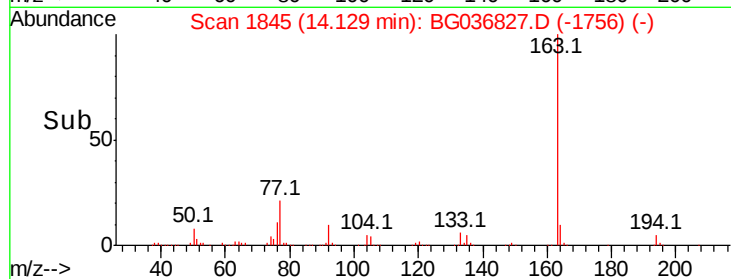
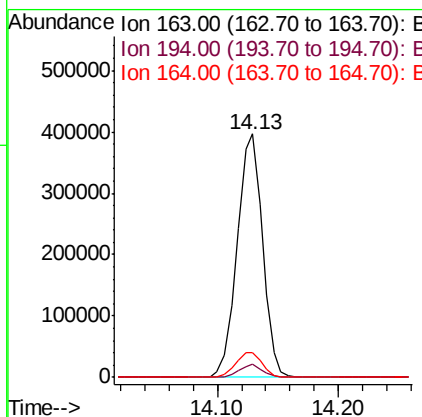
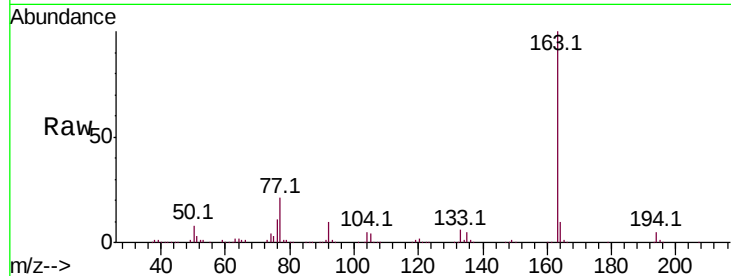
#49
Dimethylphthalate
Concen: 45.338 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	580825		
194	5.3	4.0	6.0	
164	10.4	8.1	12.1	

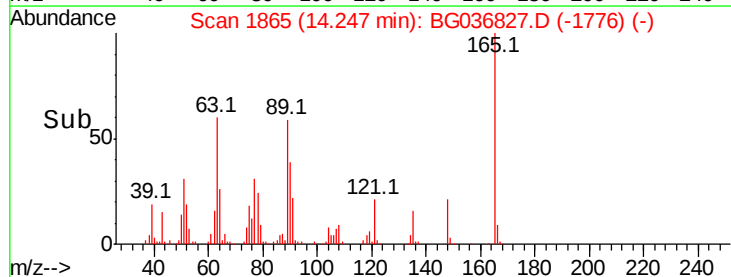
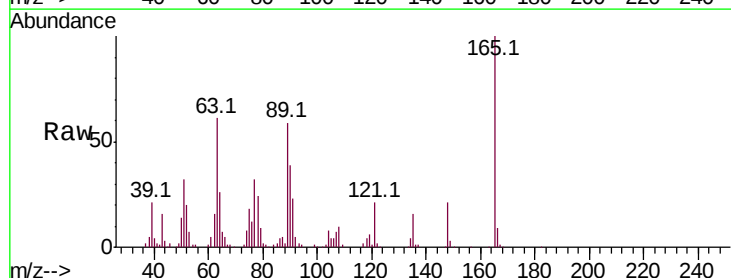
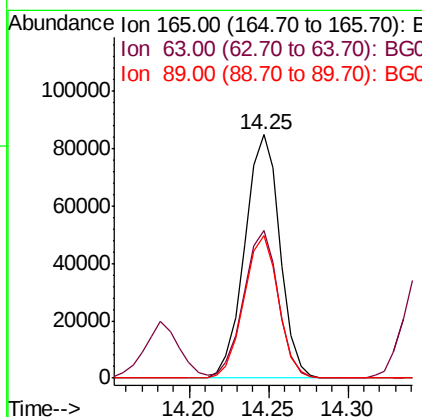
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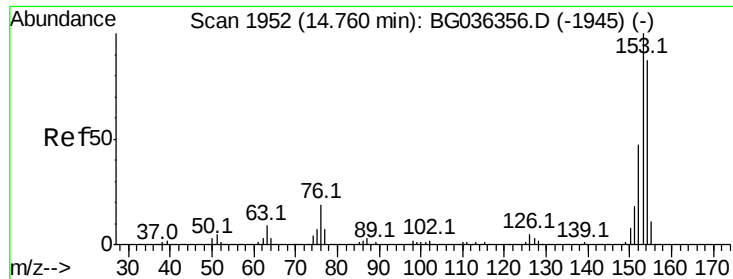
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#50
2,6-Dinitrotoluene
Concen: 49.415 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130266		
63	60.9	50.1	75.1	
89	58.7	47.8	71.6	





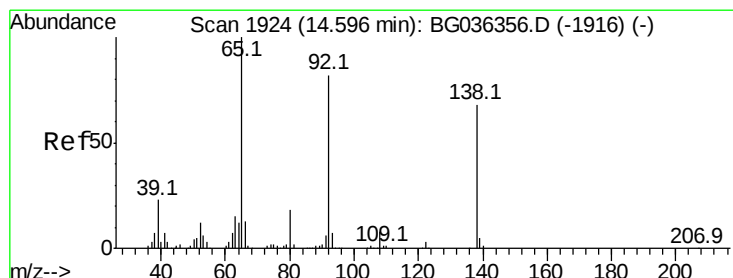
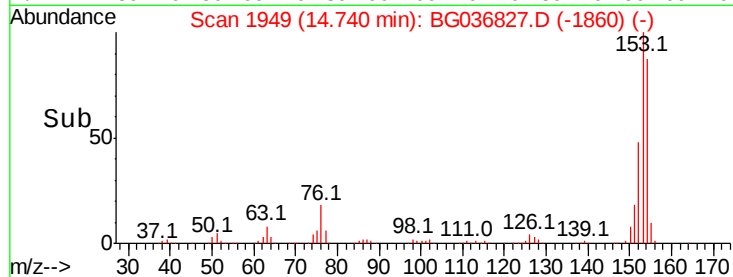
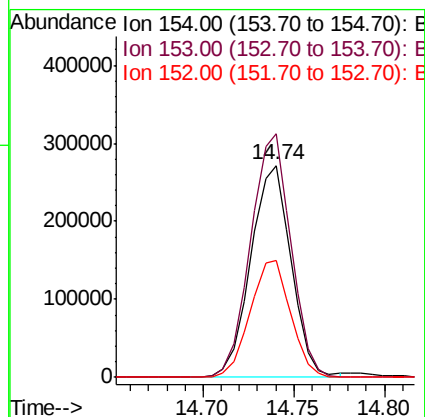
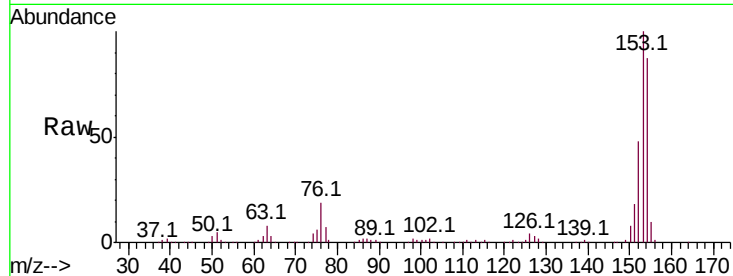
#51
Acenaphthene
Concen: 42.331 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.8	137.6
152	55.1	43.5	65.3

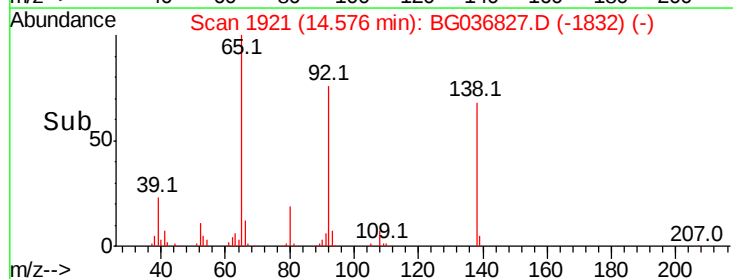
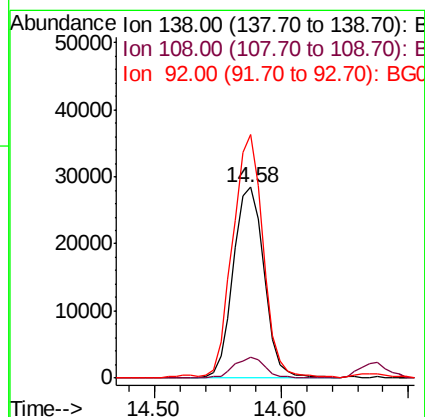
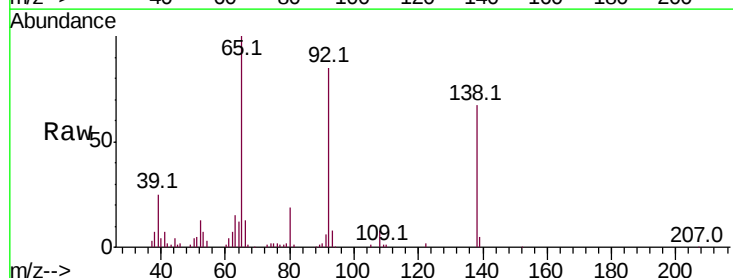
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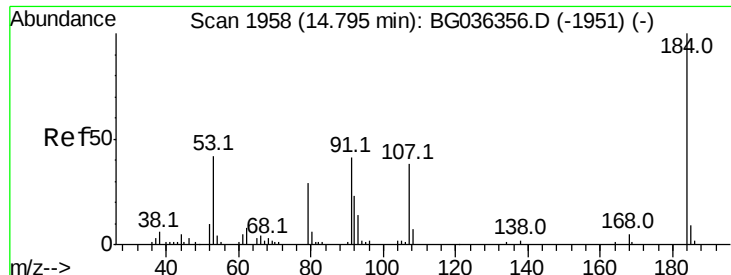
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#52
3-Nitroaniline
Concen: 16.921 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.2
92	127.7	96.8	145.2





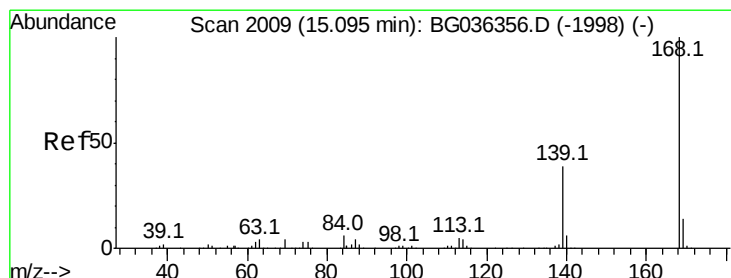
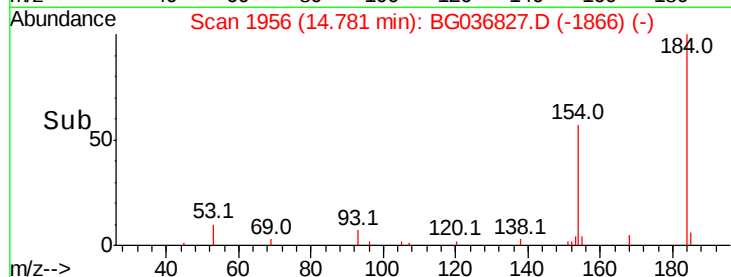
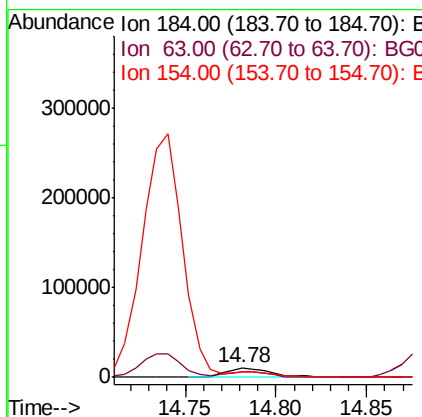
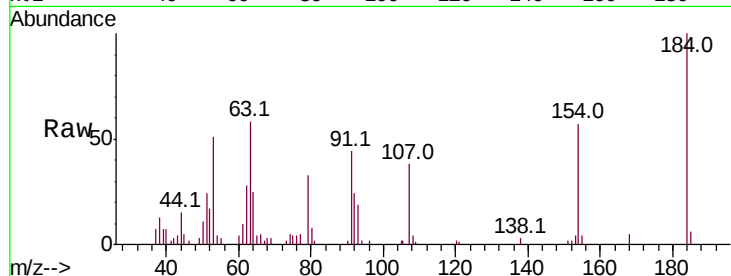
#53
 2,4-Dinitrophenol
 Concen: 18.520 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.9	47.3	70.9
154	56.9	51.1	76.7

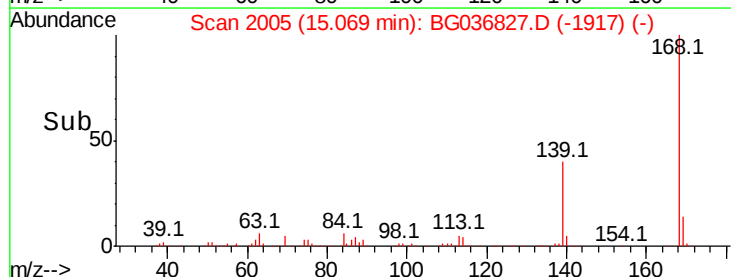
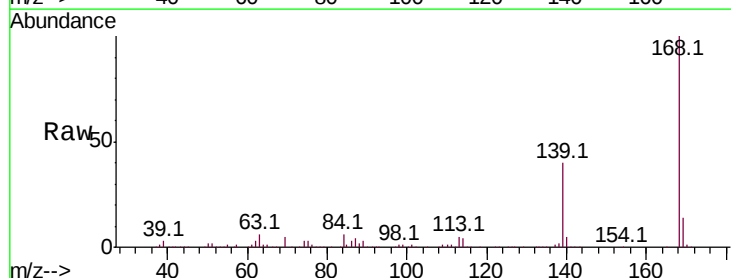
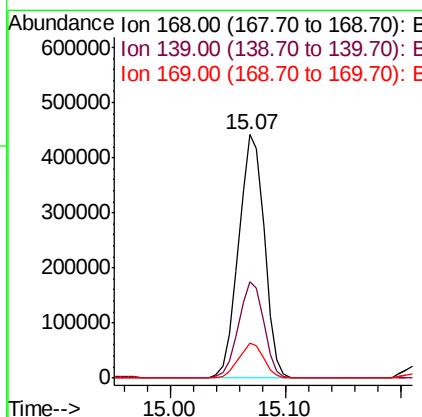
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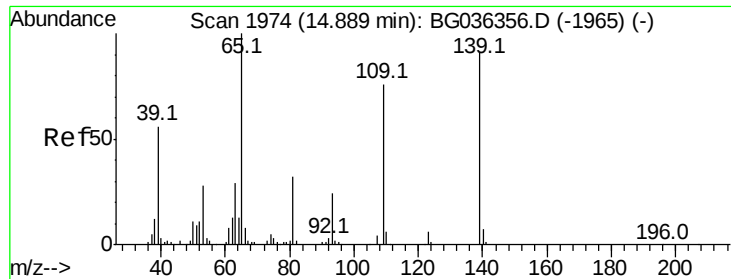
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#54
 Dibenzofuran
 Concen: 43.740 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.0	46.6
169	14.5	11.1	16.7





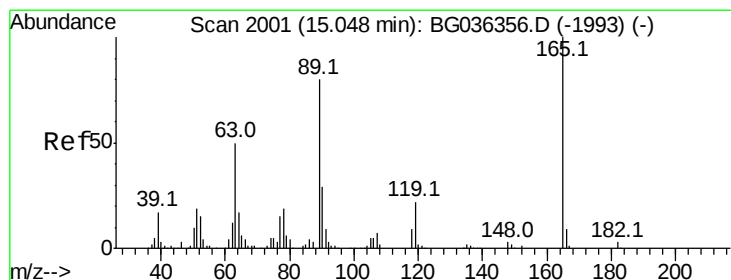
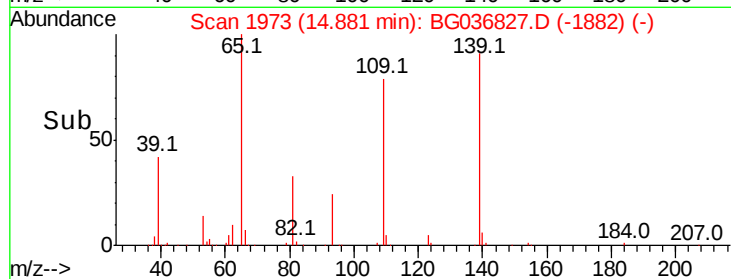
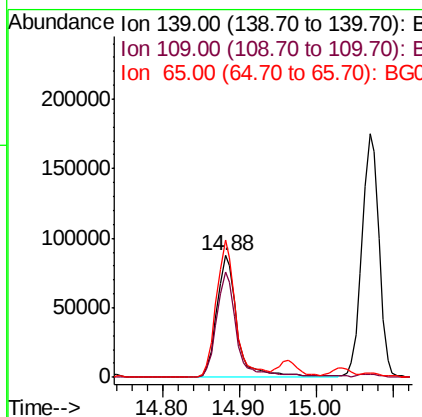
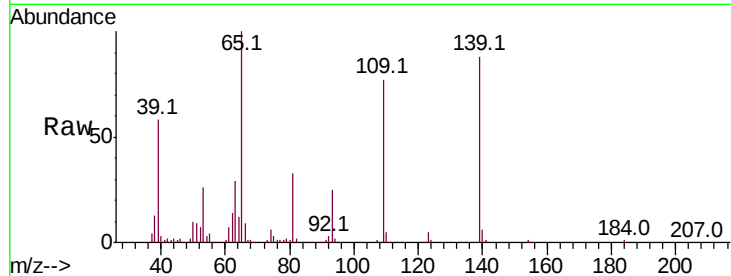
#55
4-Nitrophenol
Concen: 69.727 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	161957		
109	86.8	63.9	103.9	
65	113.2	90.0	130.0	

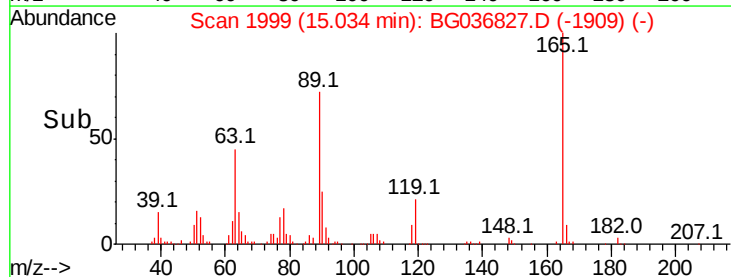
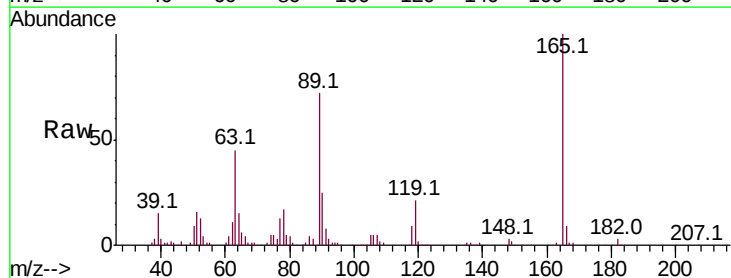
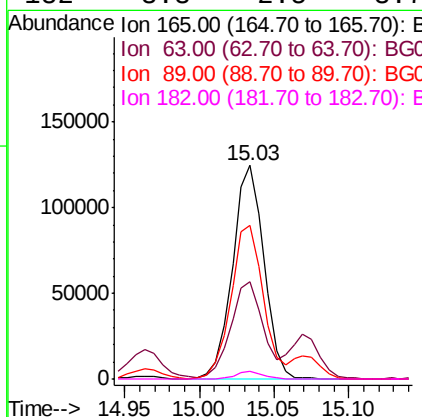
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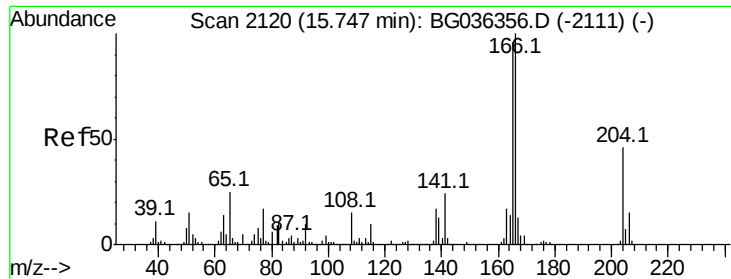
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#56
2,4-Dinitrotoluene
Concen: 53.105 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182453		
63	45.5	40.1	60.1	
89	71.9	63.7	95.5	
182	3.3	2.5	3.7	





#57

Fluorene

Concen: 47.310 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

HD-02-091718MS

Tot Ion:166 Resp: 551381

Ion Ratio Lower Upper

166 100

165 99.7 77.0 115.4

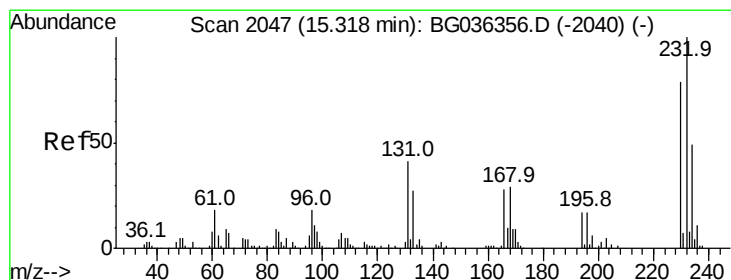
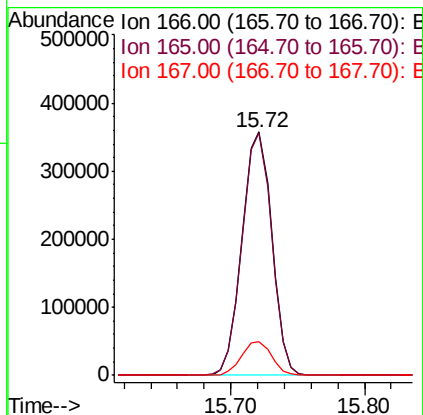
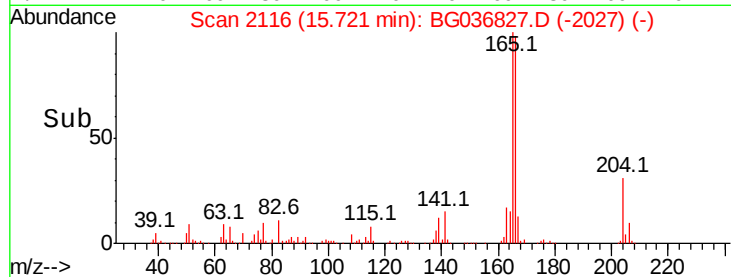
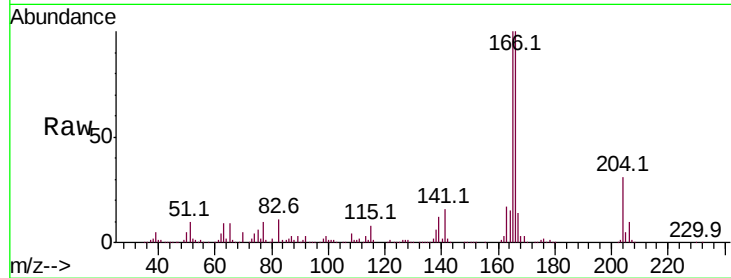
167 14.1 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.064 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tgt Ion:232 Resp: 169682

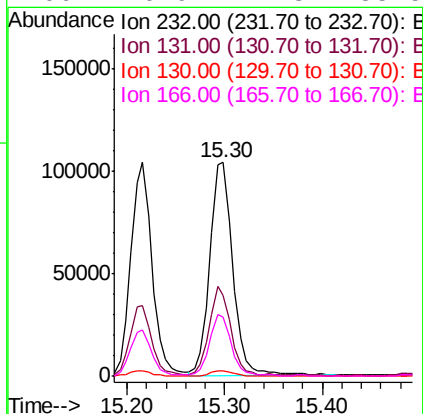
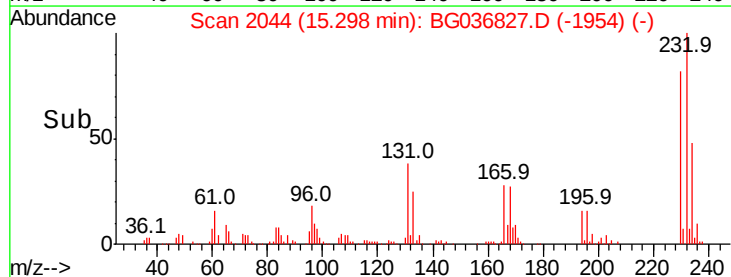
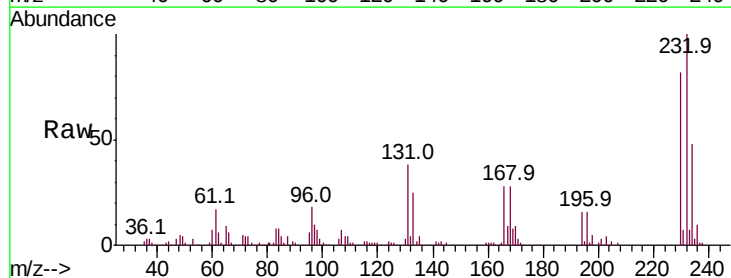
Ion Ratio Lower Upper

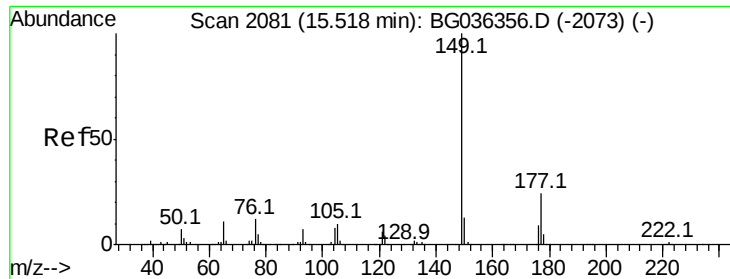
232 100

131 38.0 33.8 50.8

130 2.5 2.1 3.1

166 26.9 22.3 33.5





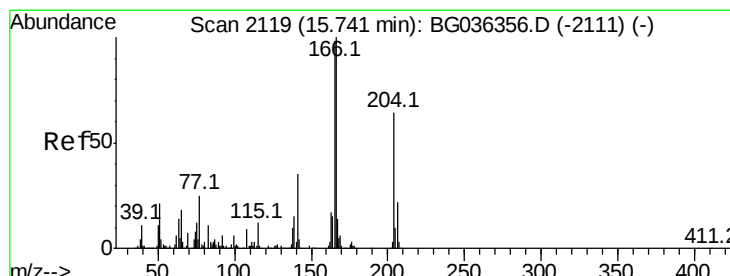
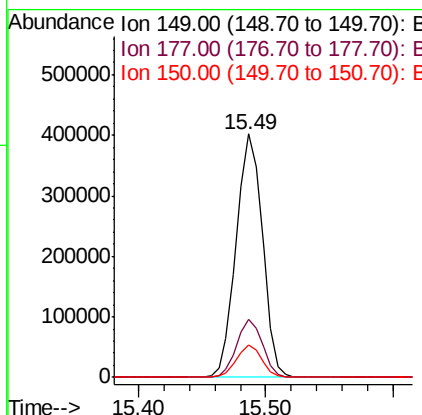
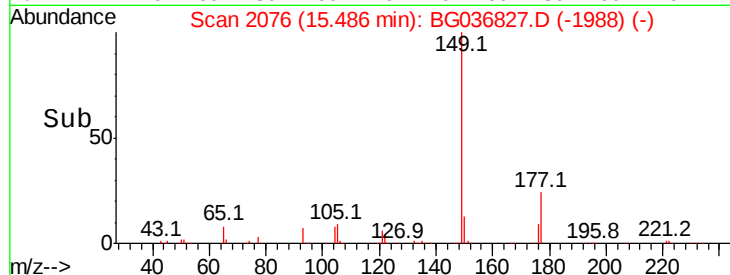
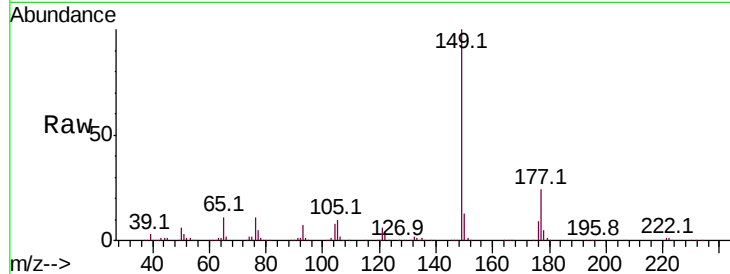
#59
 Diethylphthalate
 Concen: 44.648 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion:	149	Resp:	576439
Ion Ratio	Lower	Upper	
149	100		
177	24.0	19.1	28.7
150	13.2	10.7	16.1

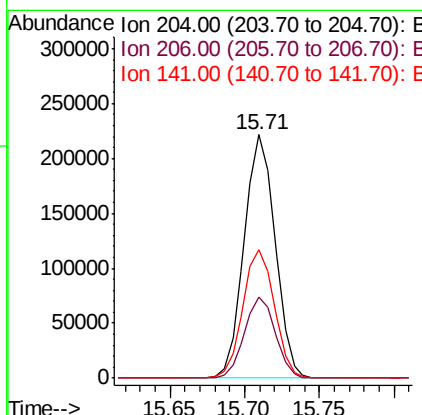
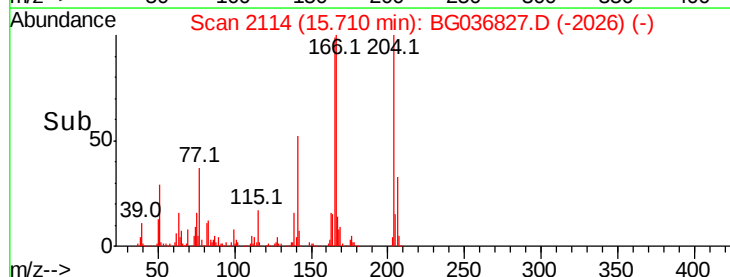
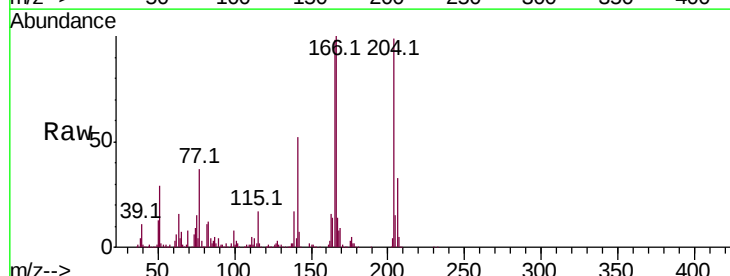
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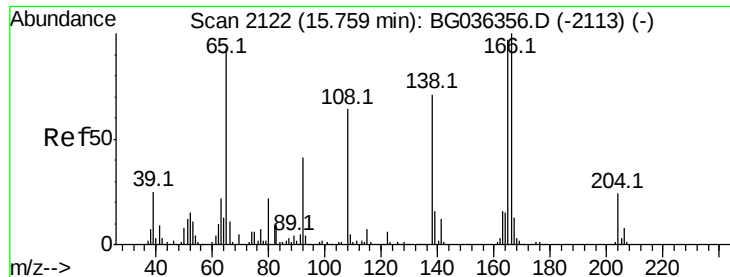
Sohil
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#60
 4-Chlorophenyl-phenylether
 Concen: 44.206 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion:	204	Resp:	318137
Ion Ratio	Lower	Upper	
204	100		
206	33.5	27.0	40.4
141	52.7	43.8	65.6





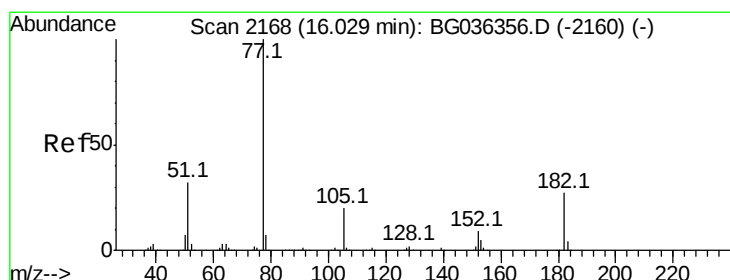
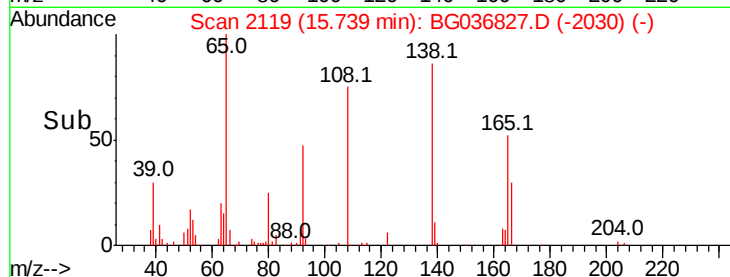
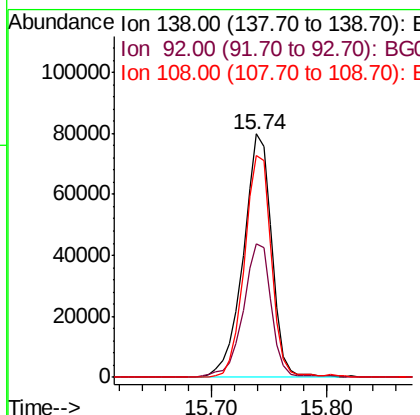
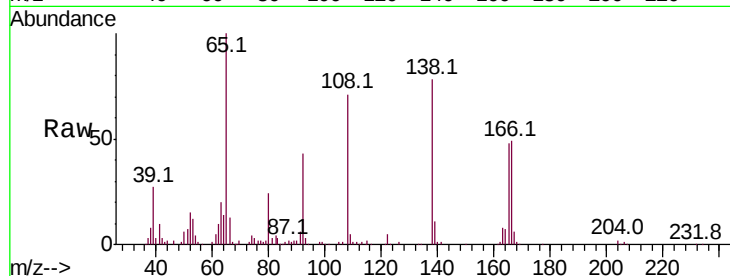
#61
4-Nitroaniline
Concen: 45.773 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.8	38.5	78.5
108	91.3	70.3	110.3

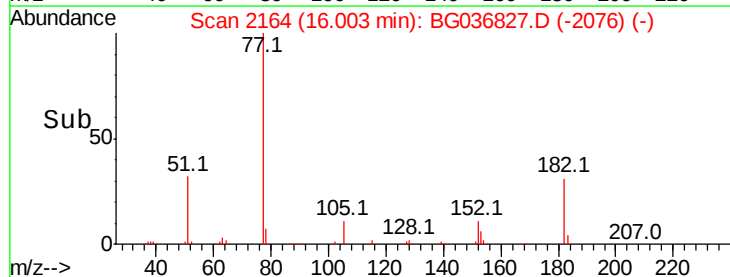
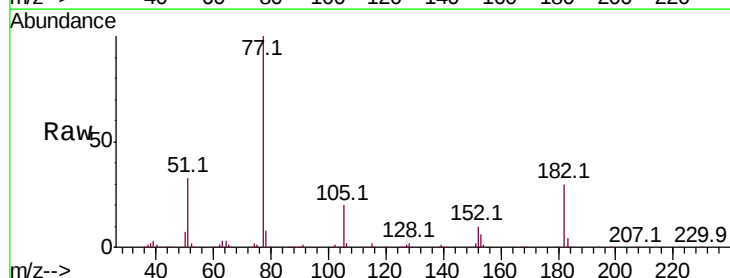
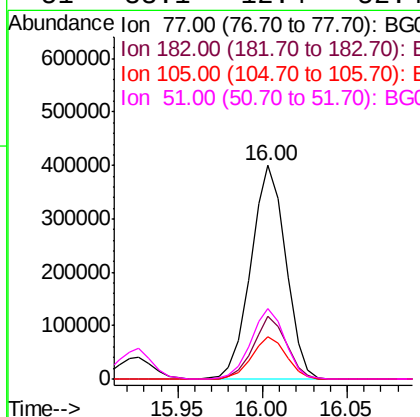
Manual Integrations
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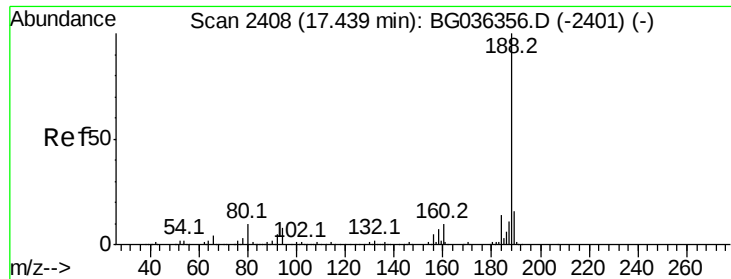
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#62
Azobenzene
Concen: 43.548 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	6.7	46.7
105	19.9	0.0	39.8
51	33.1	12.4	52.4





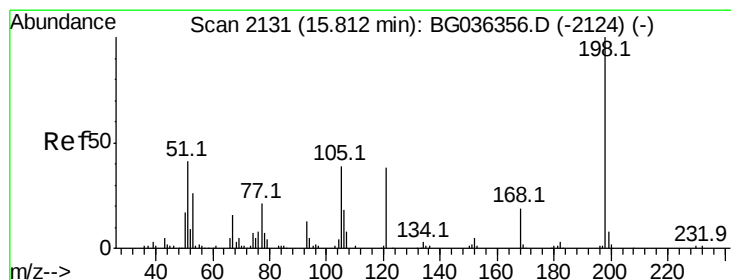
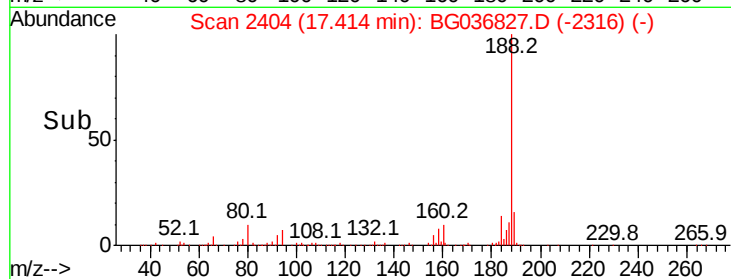
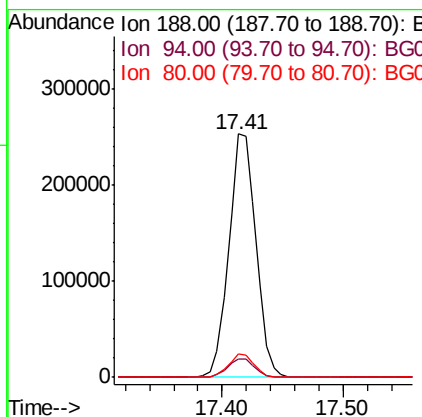
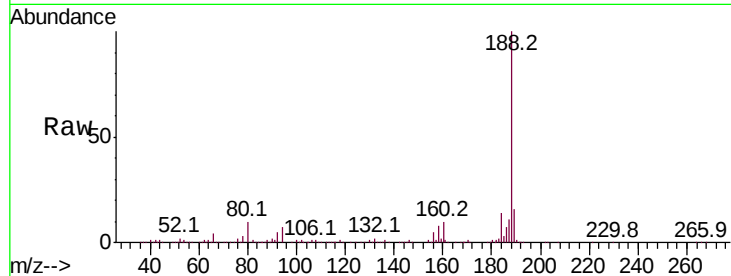
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	394778		
94	7.3		6.7	10.1
80	9.8		8.1	12.1

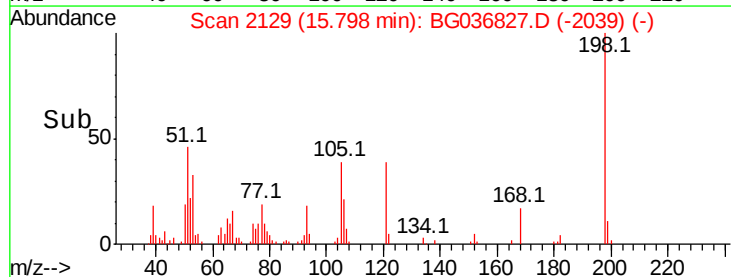
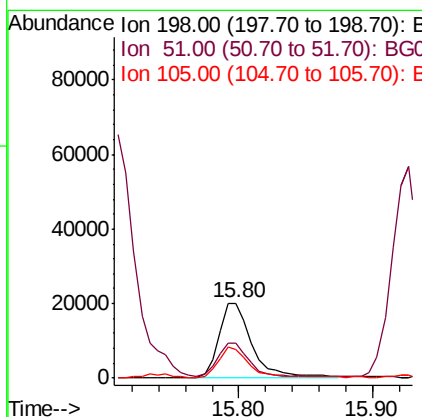
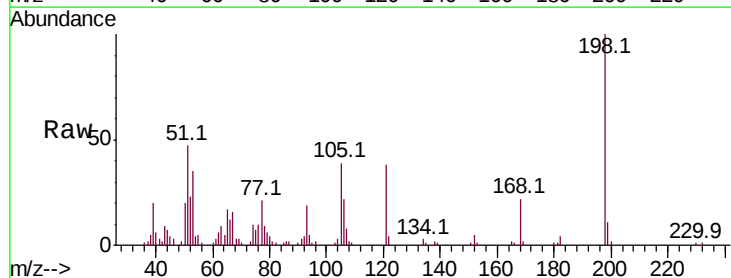
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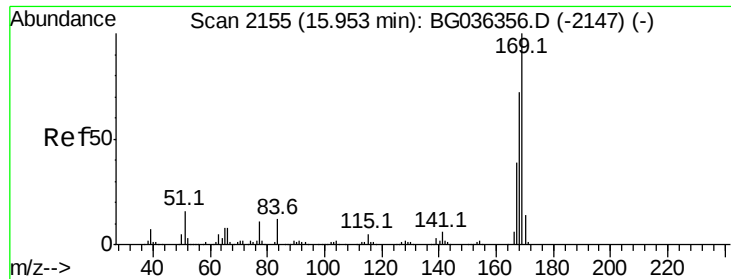
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.431 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	35431		
51	46.6		26.5	66.5
105	38.8		20.2	60.2





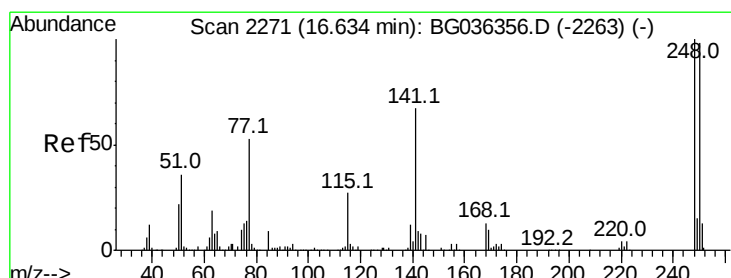
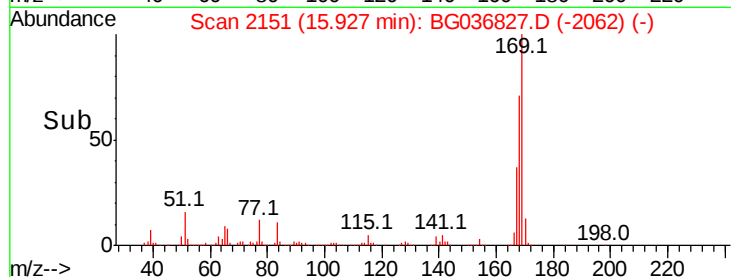
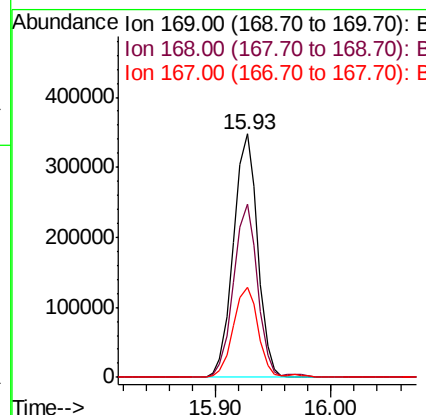
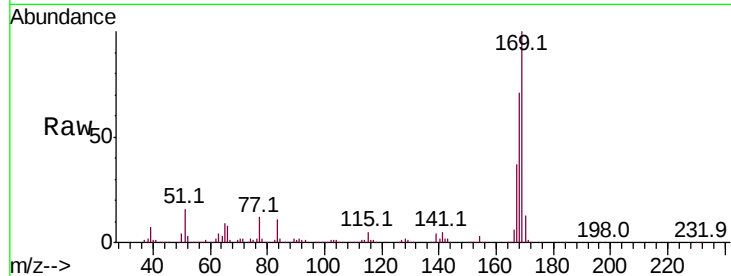
#65
 n-Nitrosodiphenylamine
 Concen: 43.000 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.9	57.6	86.4
167	37.1	31.0	46.4

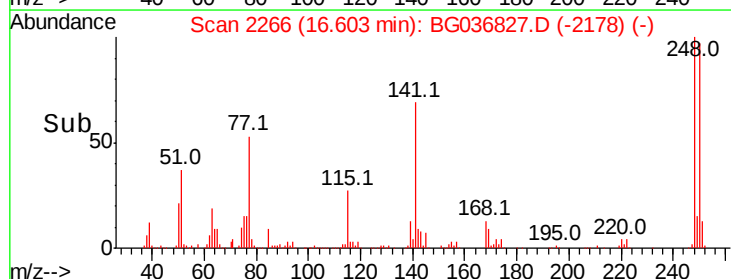
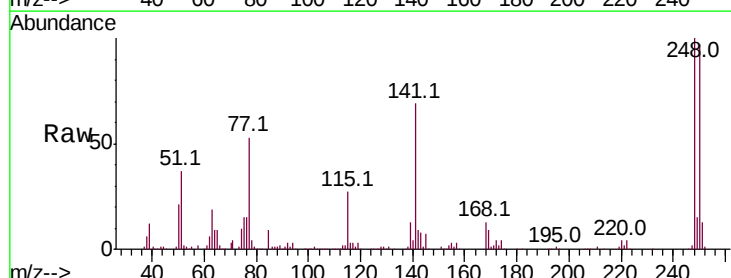
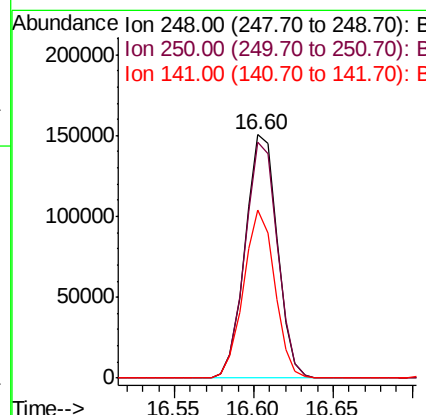
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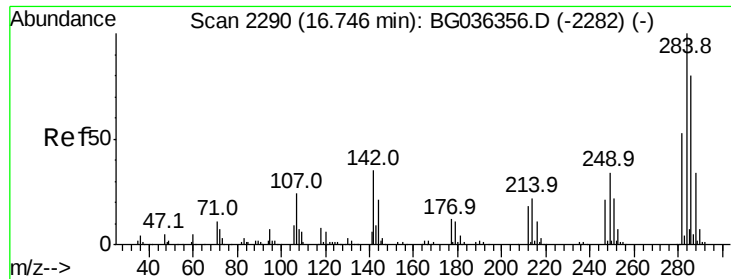
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#66
 4-Bromophenyl-phenylether
 Concen: 45.918 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.1	117.1
141	69.1	53.7	80.5





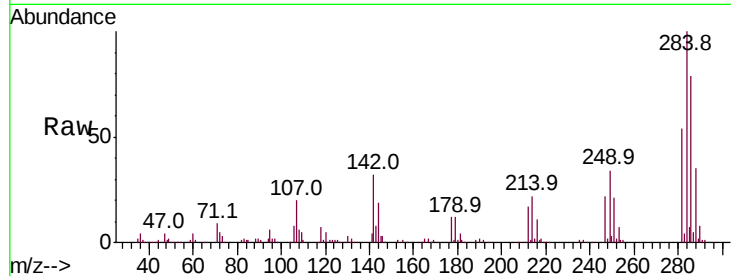
#67
Hexachlorobenzene
Concen: 44.340 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	31.8	27.8	41.6
249	33.9	27.4	41.2

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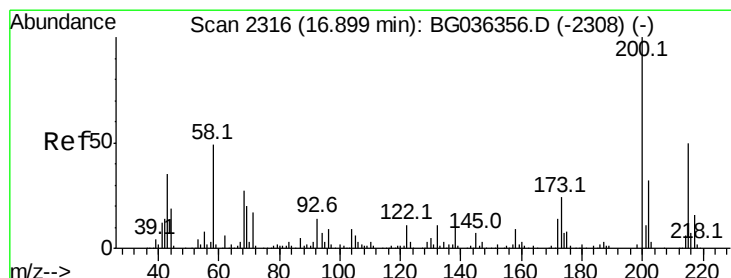
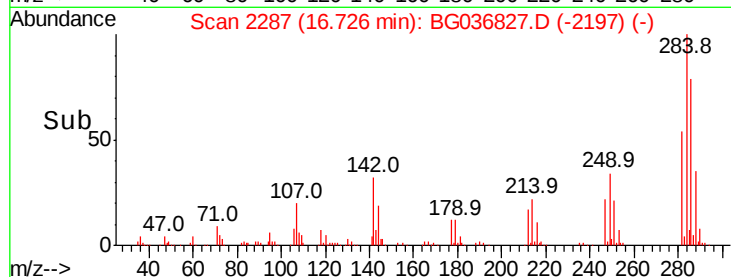
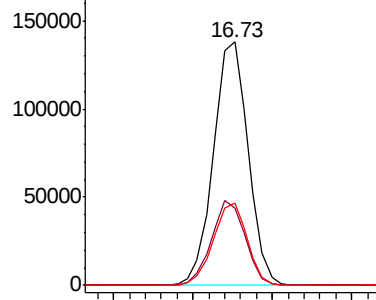


Abundance

Ion 283.80 (283.50 to 284.50): E

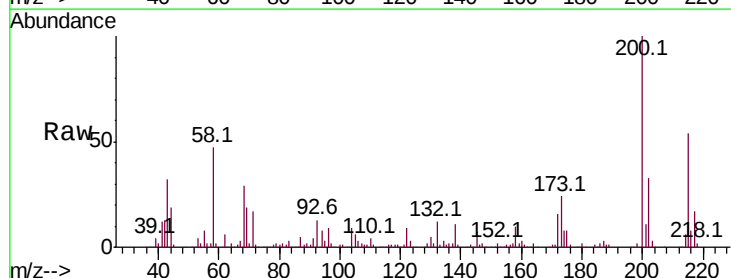
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 48.868 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.7	3.9	43.9
215	53.8	30.4	70.4

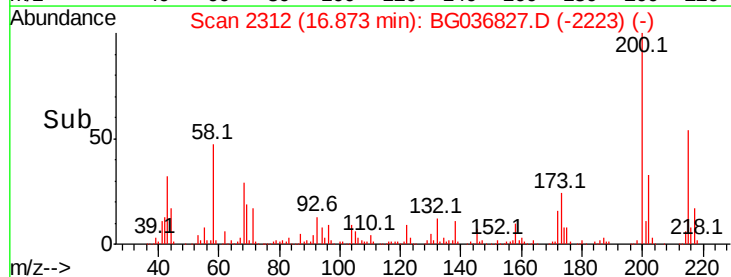
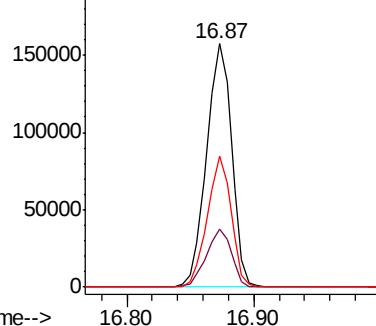


Abundance

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





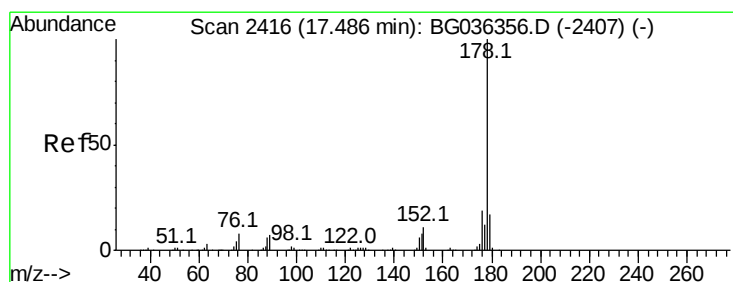
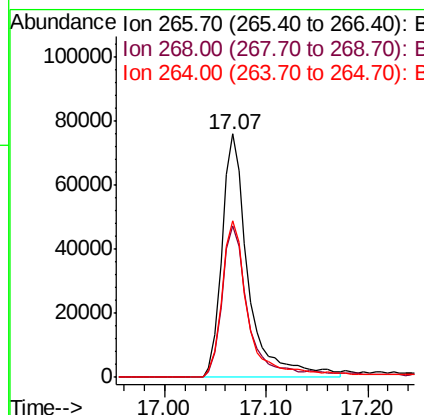
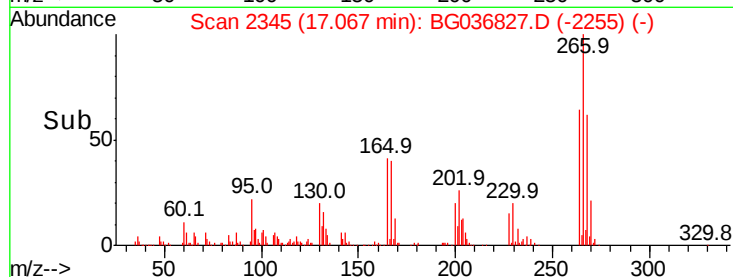
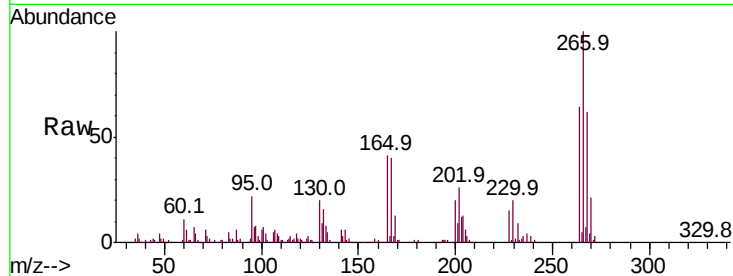
#69
 Pentachlorophenol
 Concen: 42.628 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion:	266	Resp:	136924
Ion Ratio		Lower	Upper
266	100		
268	62.4	51.4	77.2
264	64.1	48.9	73.3

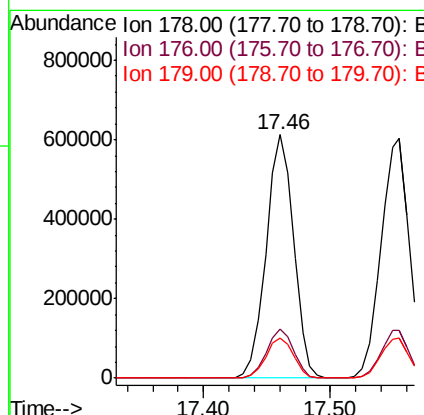
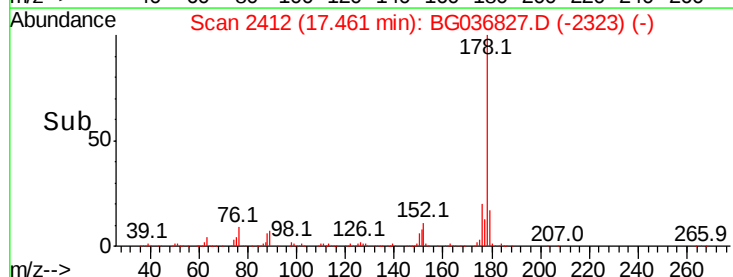
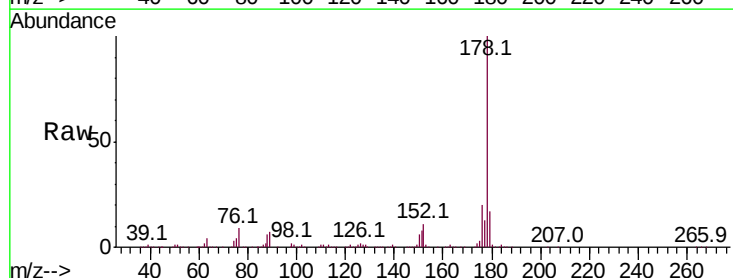
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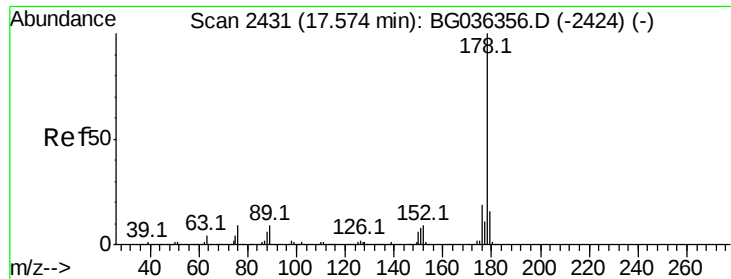
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#70
 Phenanthrene
 Concen: 46.032 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion:	178	Resp:	923386
Ion Ratio		Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.7	13.4	20.2





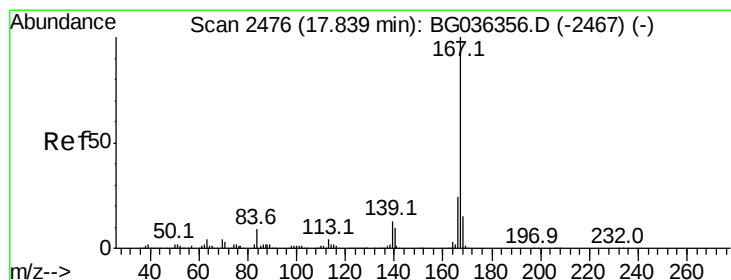
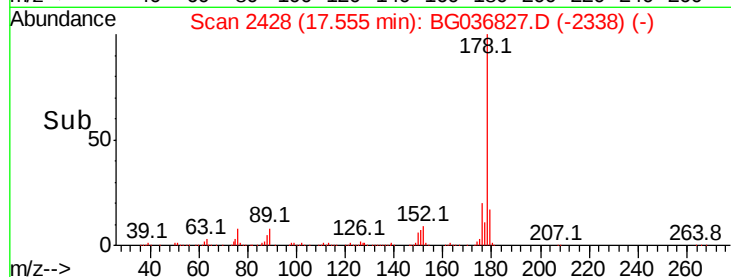
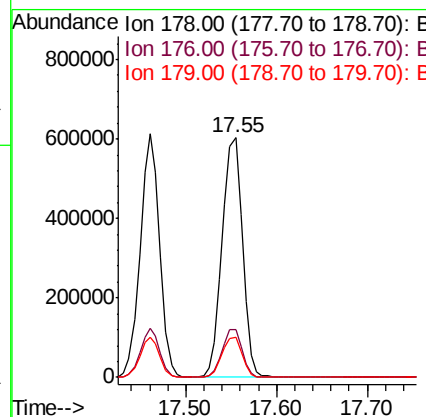
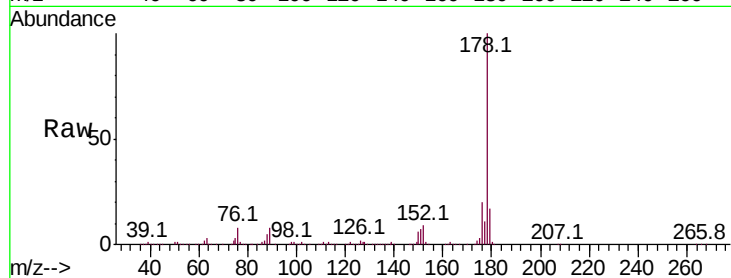
#71
 Anthracene
 Concen: 47.039 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.8	13.0	19.4

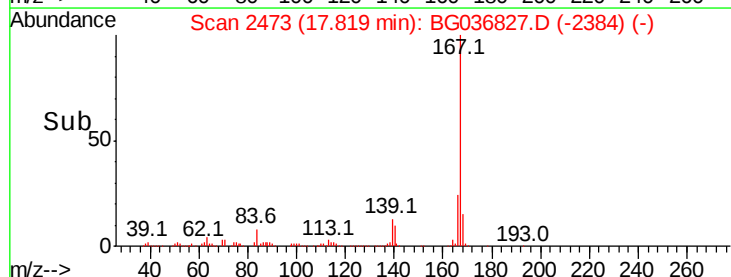
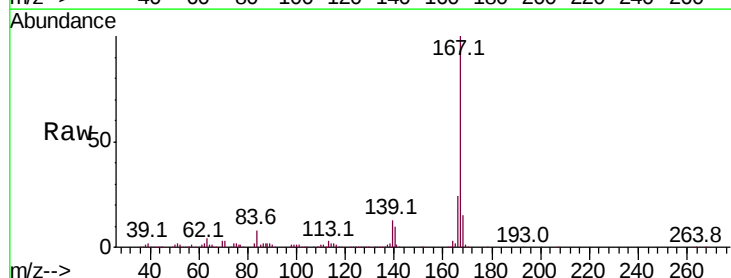
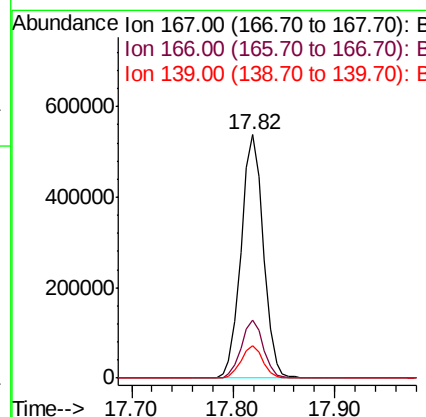
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#72
 Carbazole
 Concen: 41.079 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.5	29.3
139	13.4	10.7	16.1





#73

Di-n-butylphthalate

Concen: 42.659 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

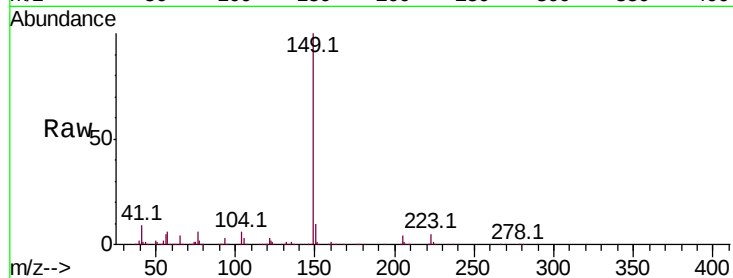
ClientSampleId :

HD-02-091718MS

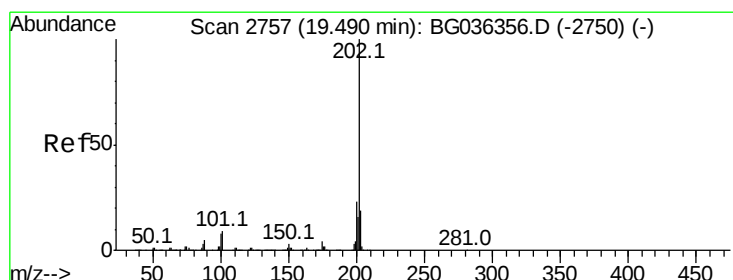
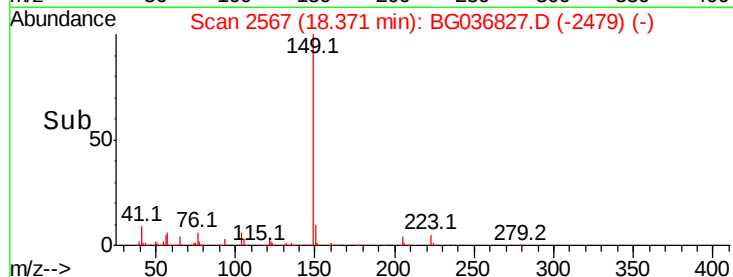
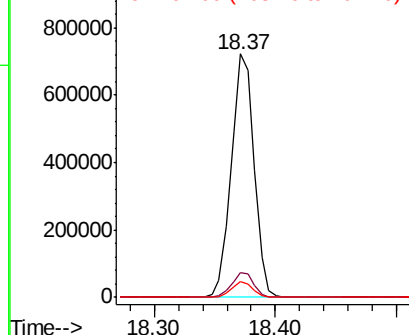
Tot Ion:	149	Resp:	948633
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.1	12.1
104	6.2	4.6	6.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.369 ng

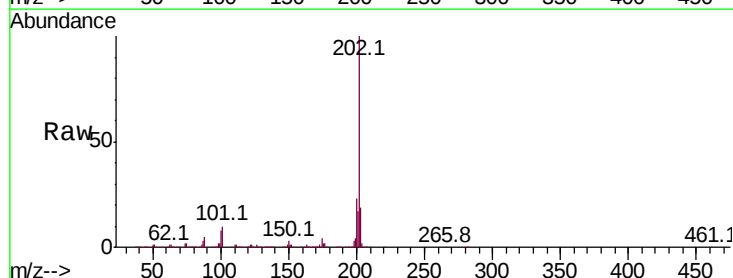
RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

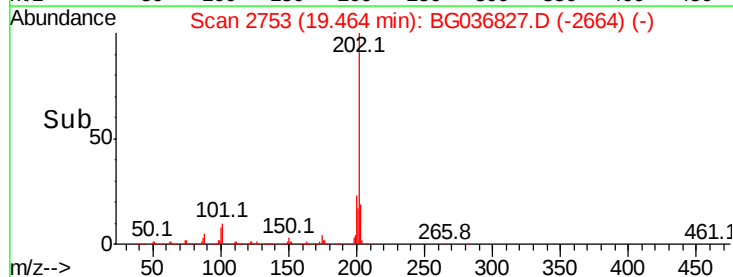
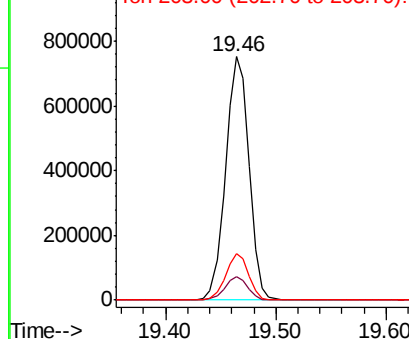
Lab File: BG036827.D

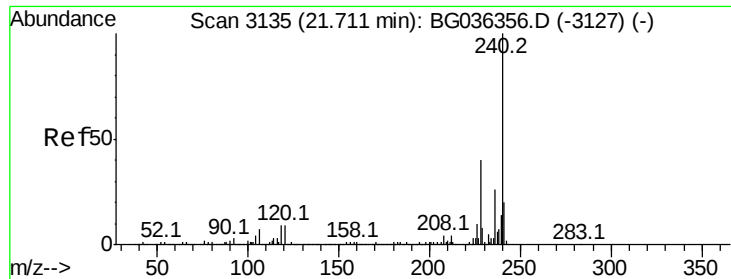
Acq: 19 Sep 2018 19:58

Tgt Ion:	202	Resp:	1109606
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	19.3	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





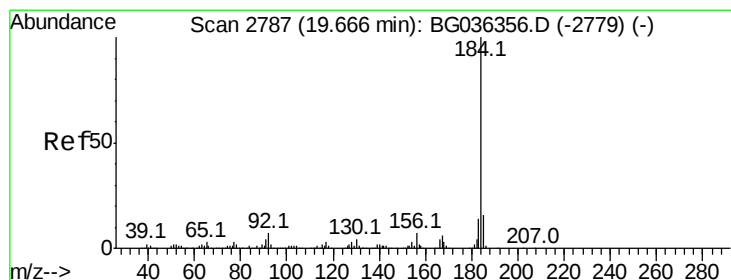
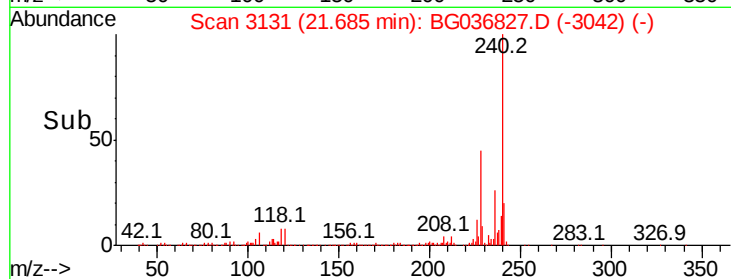
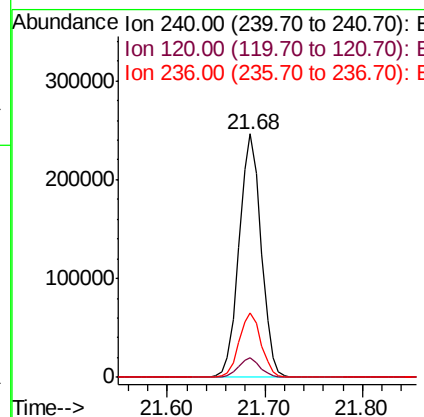
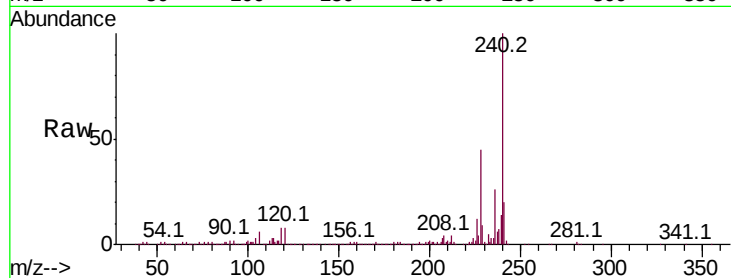
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.5	21.2	31.8

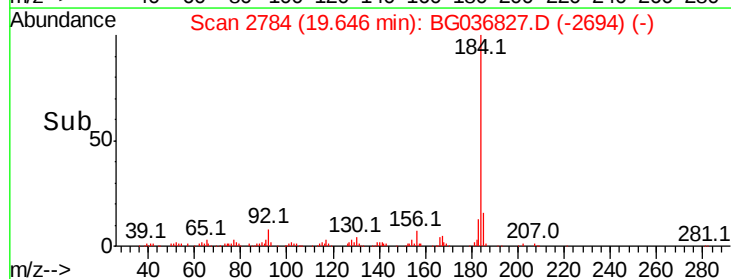
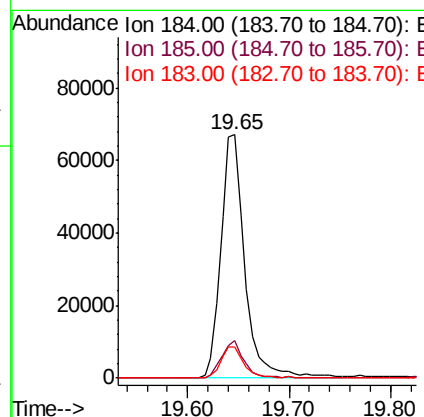
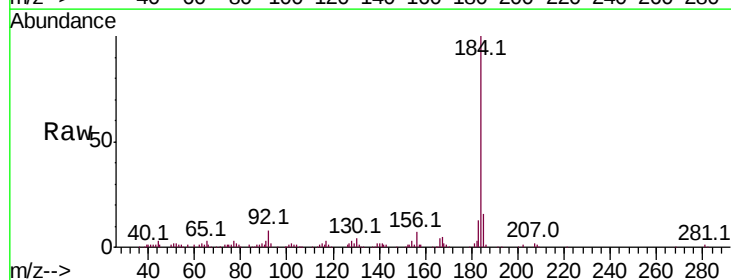
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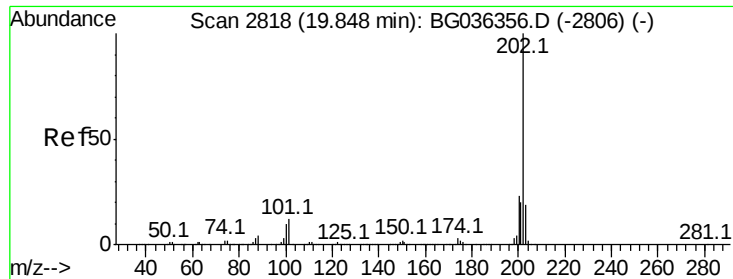
Sohil
 9/20/2018 11:46:42 AM



#76
 Benzidine
 Concen: 8.949 ng
 RT: 19.65 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	18.8
183	12.9	10.9	16.3





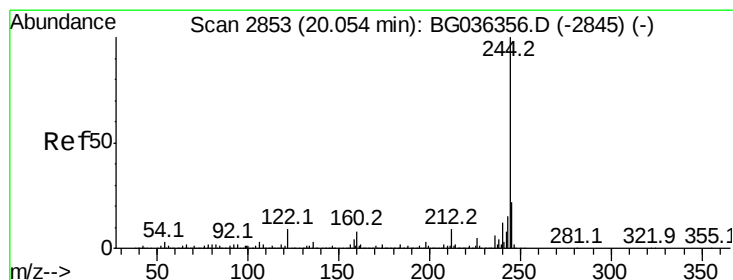
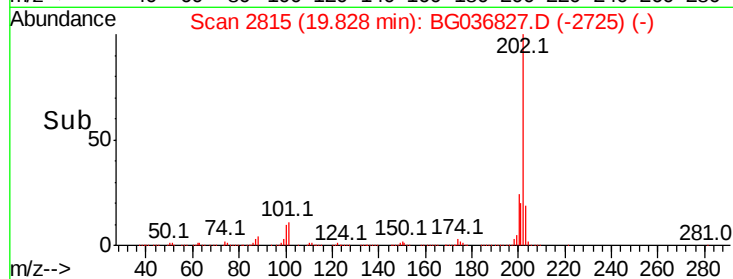
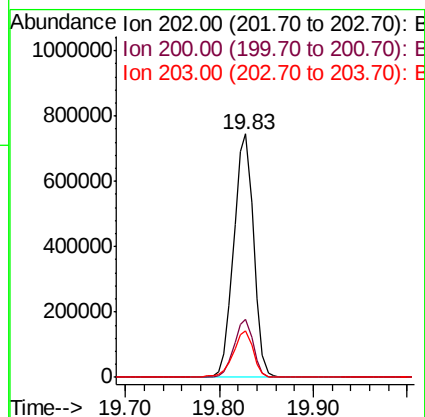
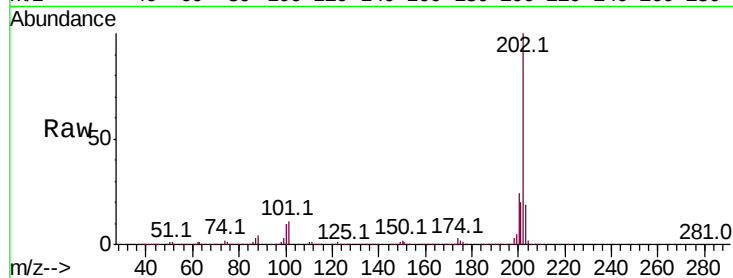
#77
Pvrene
Concen: 46.030 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.3	27.5
203	19.3	15.1	22.7

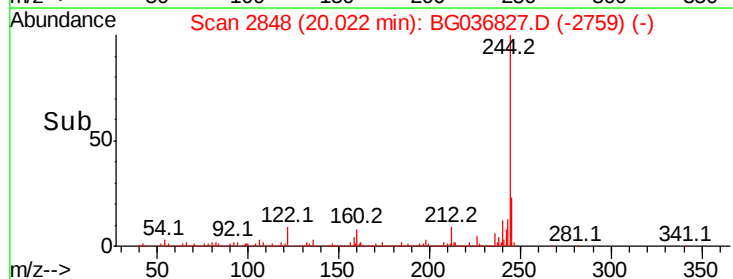
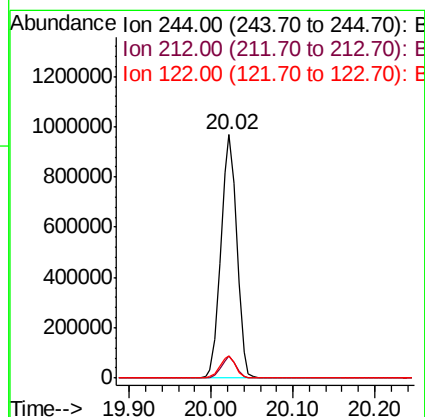
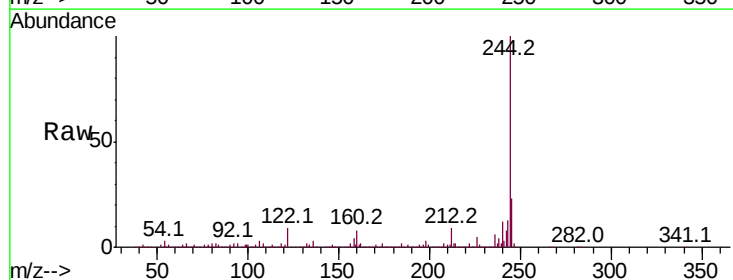
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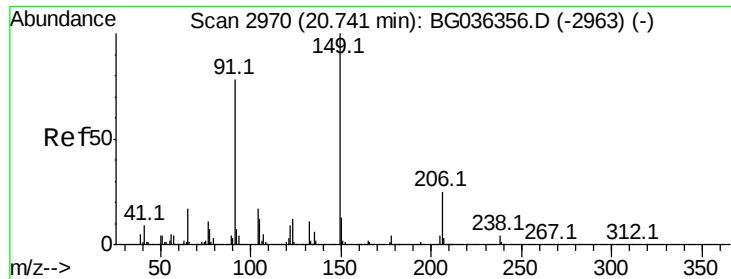
Sohil
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#78
Terphenyl-d14
Concen: 79.532 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.9	7.1	10.7





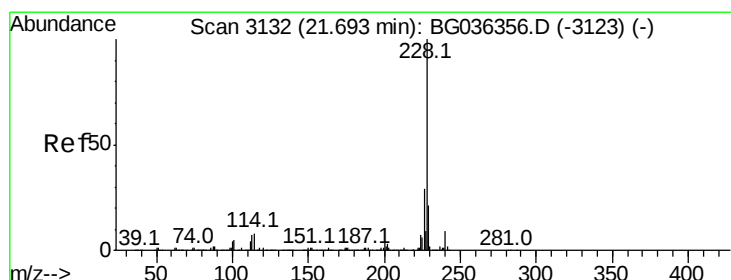
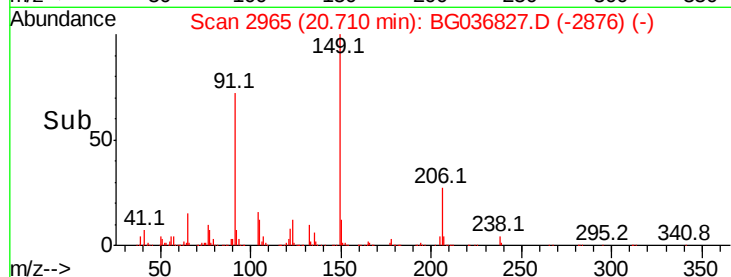
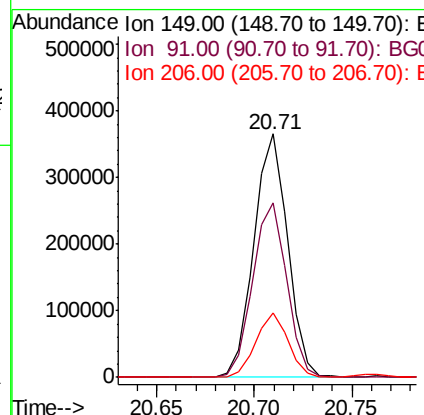
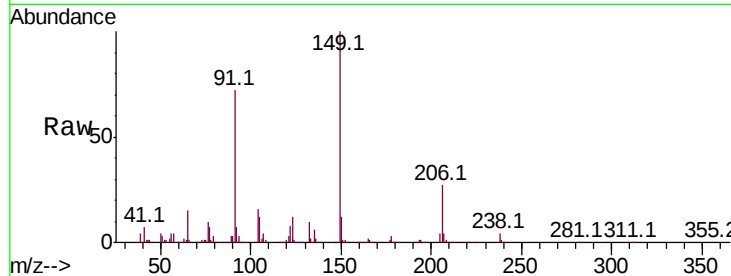
#79
Butylbenzylphthalate
Concen: 46.241 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion:	149	Resp:	437128
Ion Ratio	Lower	Upper	
149	100		
91	71.8	62.0	93.0
206	26.5	19.6	29.4

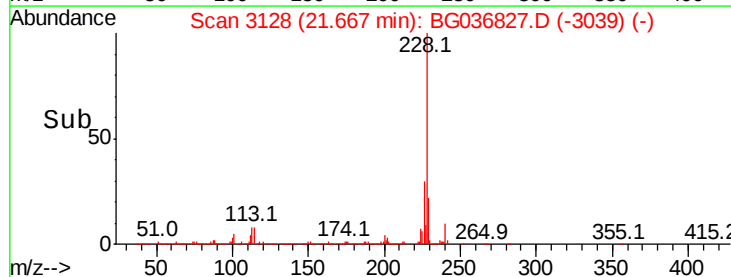
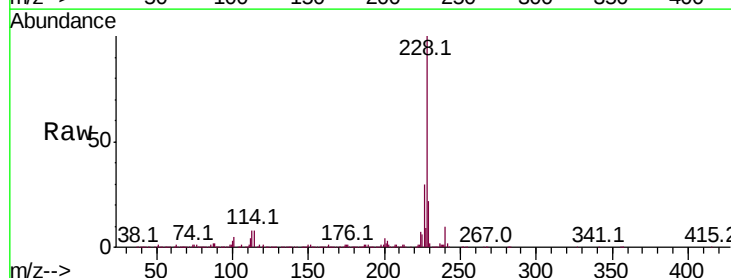
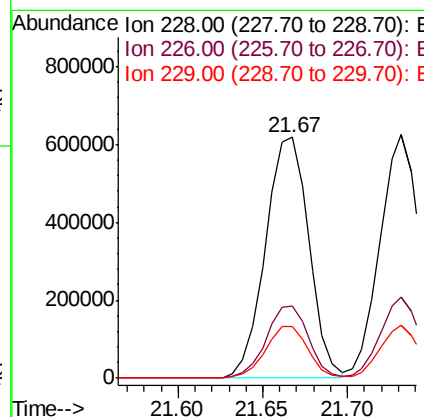
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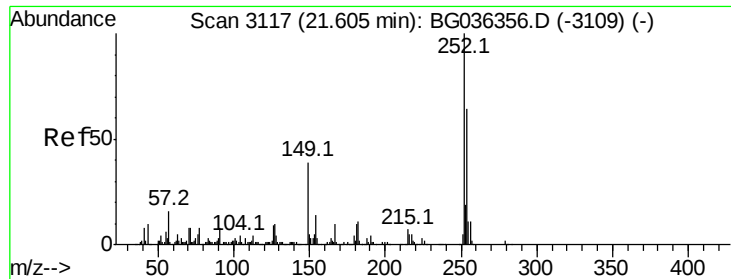
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#80
Benzo(a)anthracene
Concen: 46.793 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion:	228	Resp:	1095008
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.2
229	21.6	17.1	25.7





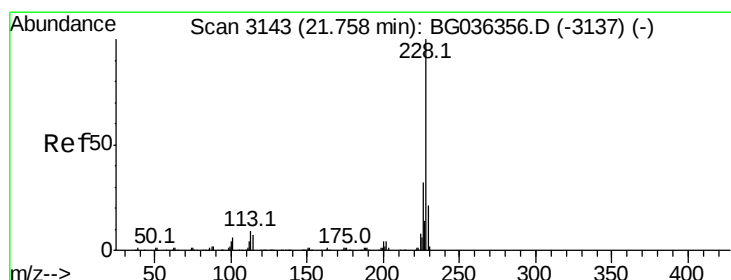
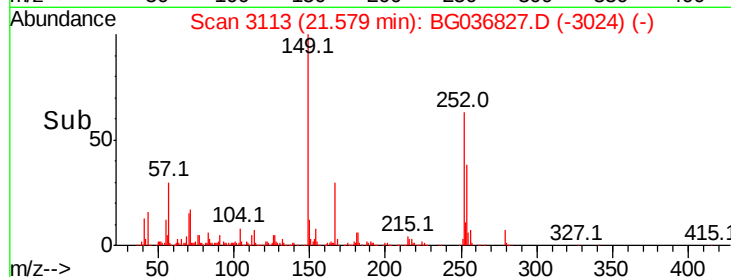
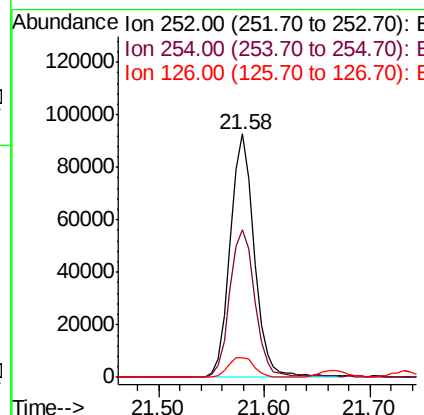
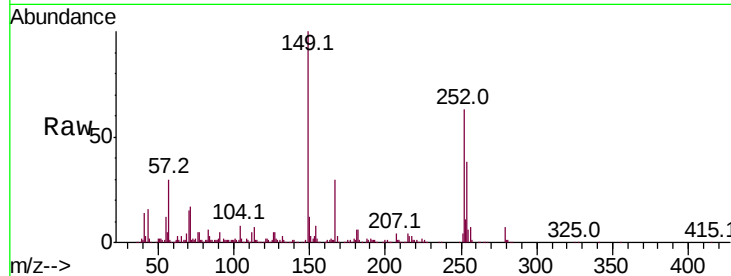
#81
 3,3'-Dichlorobenzidine
 Concen: 15.702 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.6	51.0	76.4
126	8.3	7.4	11.0

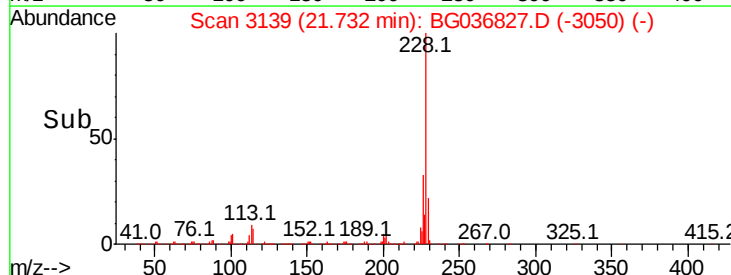
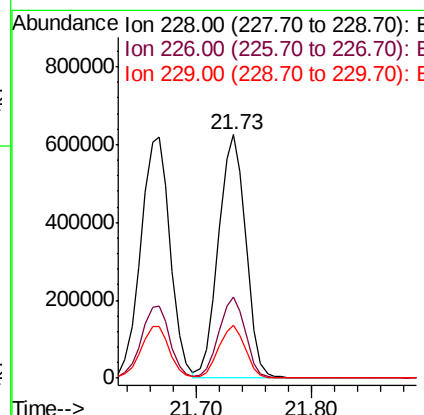
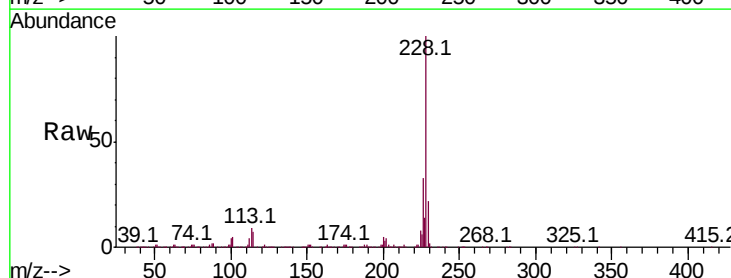
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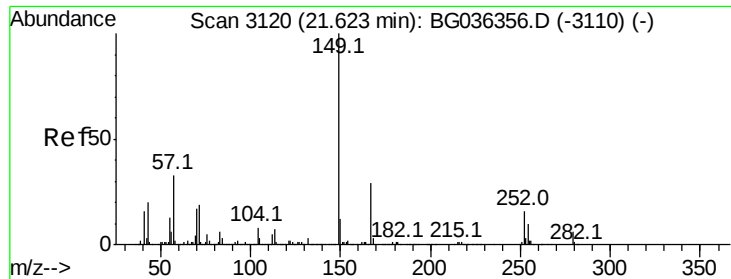
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#82
 Chrysene
 Concen: 46.025 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.5	38.3
229	21.9	16.9	25.3





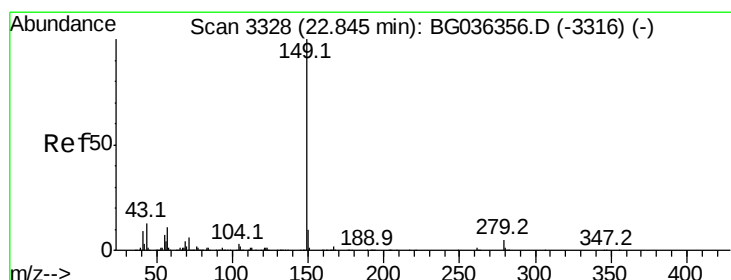
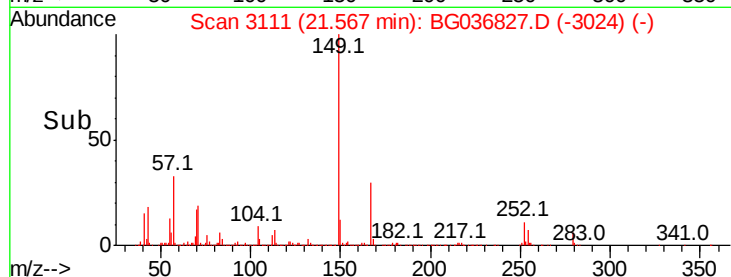
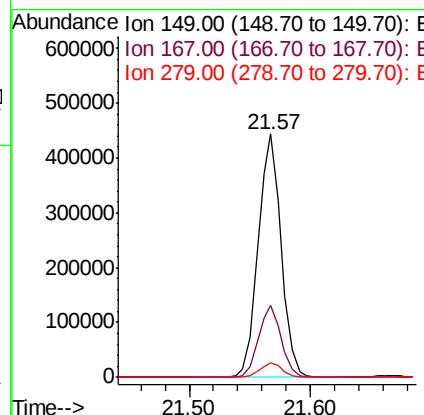
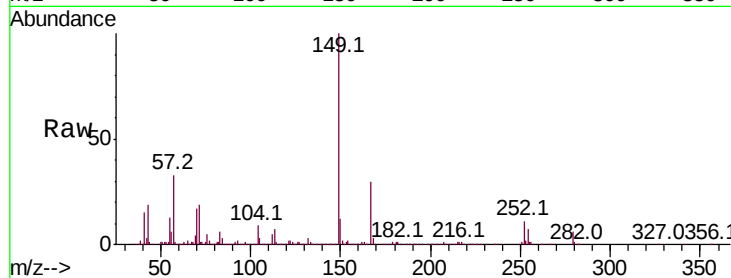
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.210 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.7	23.4	35.0	
279	5.9	4.6	7.0	

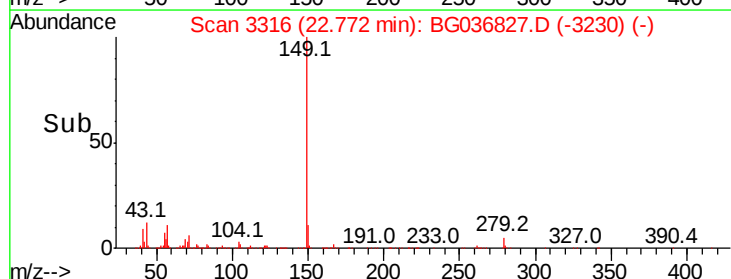
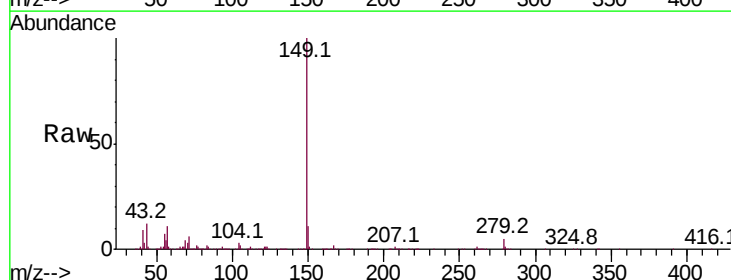
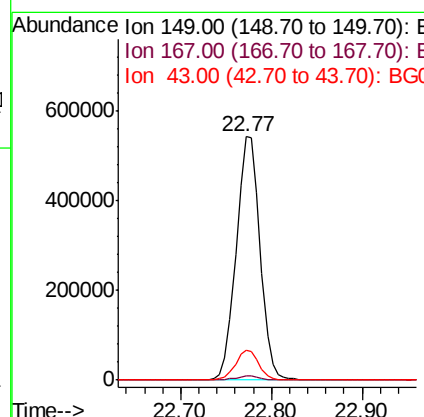
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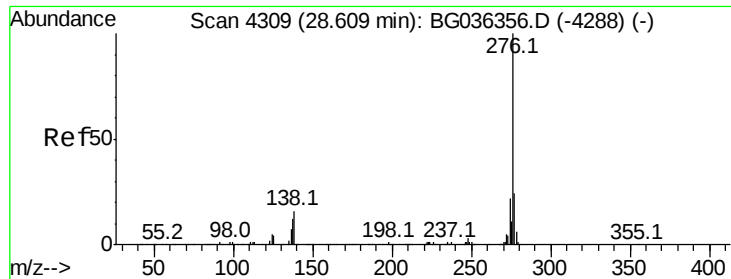
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#84
 Di-n-octyl phthalate
 Concen: 44.872 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.03 min
 Lab File: BG036827.D
 Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.3	1.9	
43	11.9	10.0	15.0	





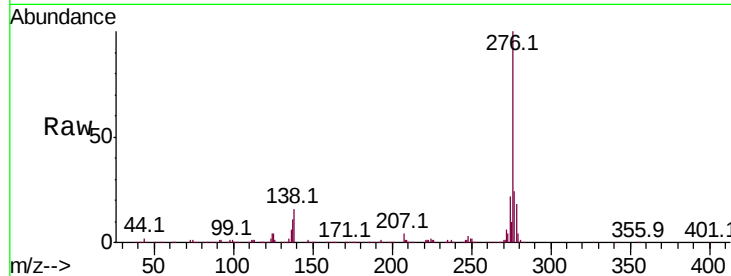
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.519 ng
RT: 28.54 min Scan# 4298
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.5	10.6	15.8#
277	25.5	20.6	30.8

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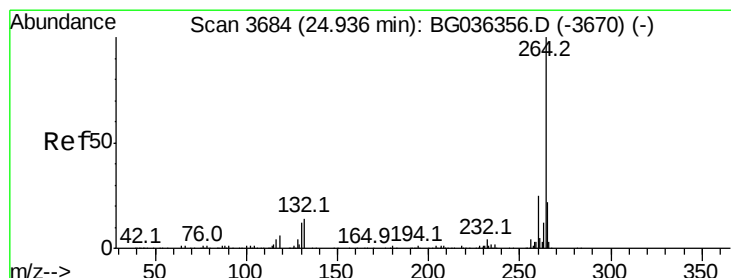
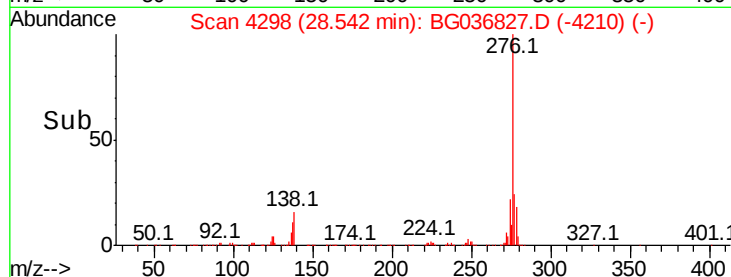
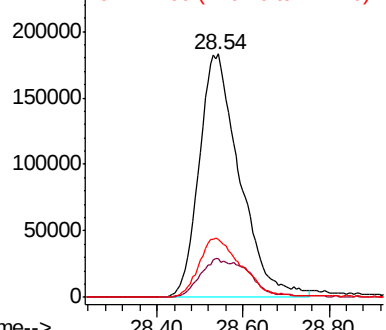


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

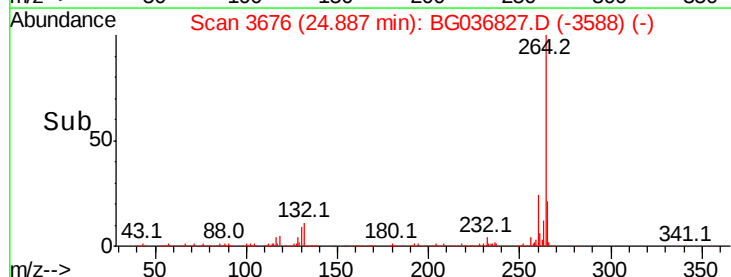
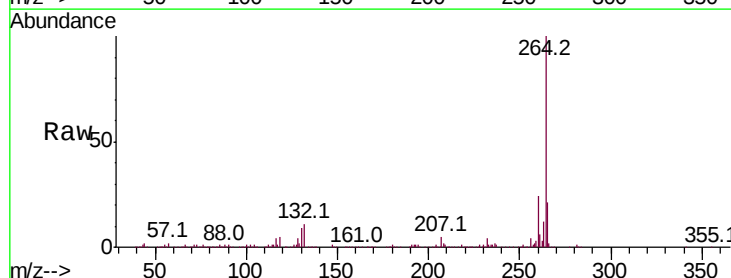
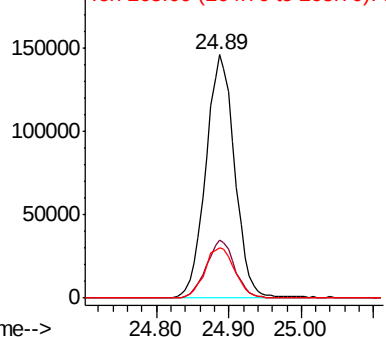
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.9	17.4	26.0

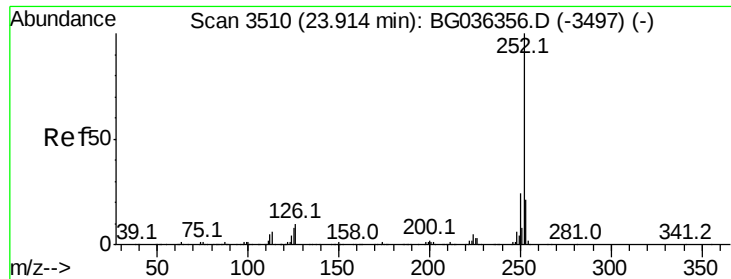
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





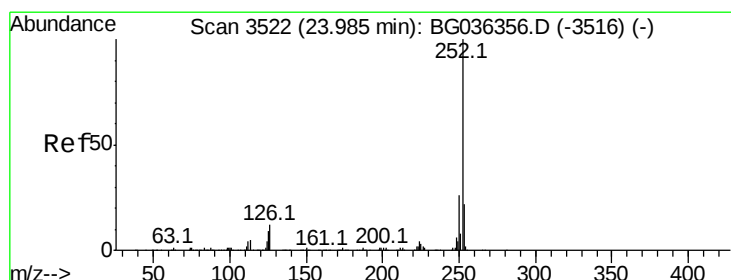
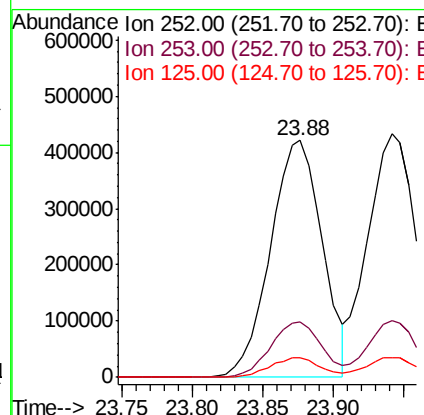
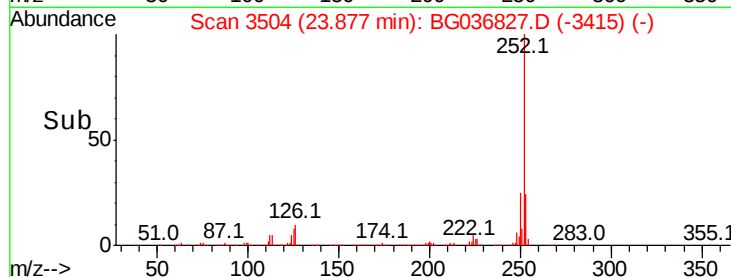
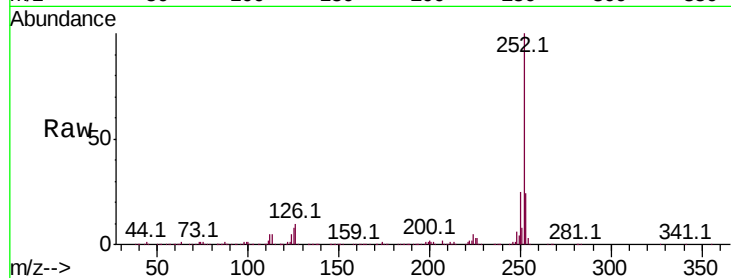
#87
Benzo(b)fluoranthene
Concen: 47.952 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.2	6.6	10.0

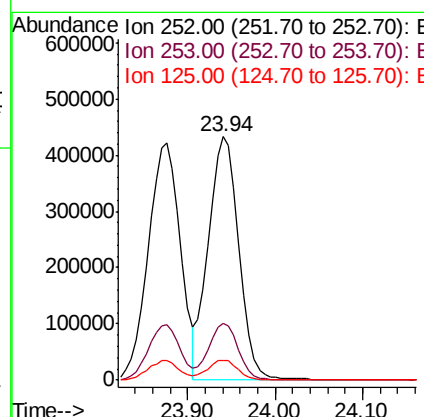
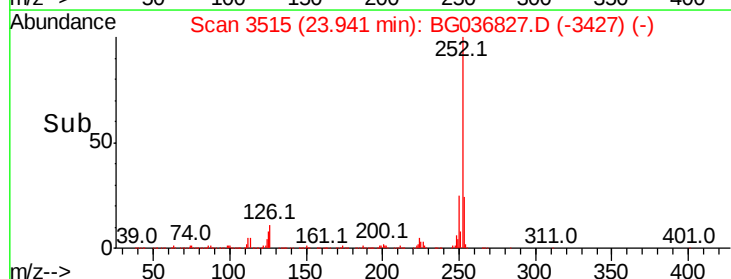
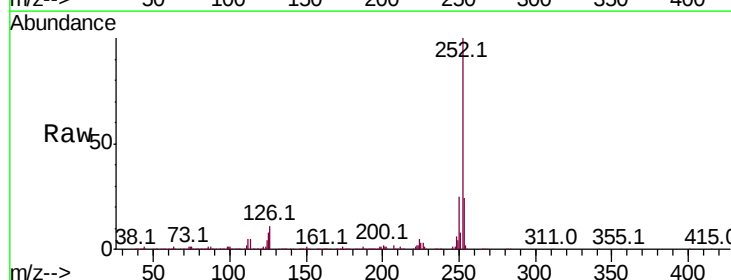
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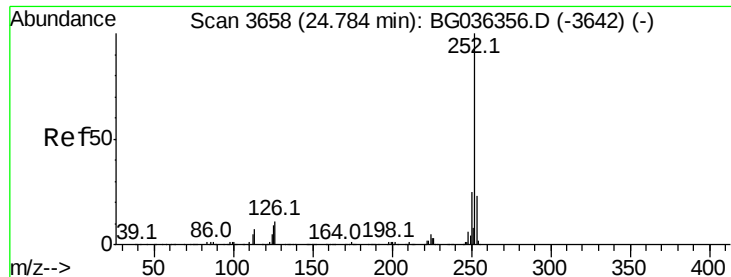
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#88
Benzo(k)fluoranthene
Concen: 47.678 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036827.D
Acq: 19 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	8.1	7.0	10.6





#89

Benzo(a)pyrene

Concen: 48.479 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Instrument :

BNA_G

ClientSampleId :

HD-02-091718MS

Tot Ion:252 Resp: 1047071

Ion Ratio Lower Upper

252 100

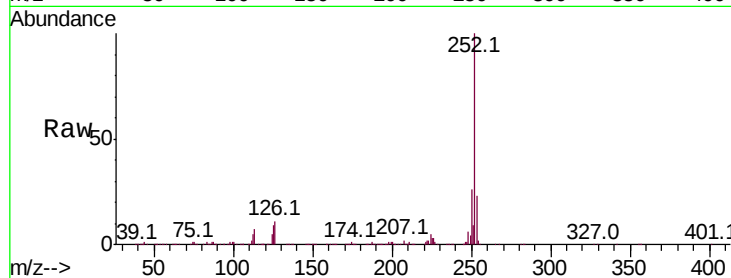
253 23.1 18.2 27.2

125 8.9 7.3 10.9

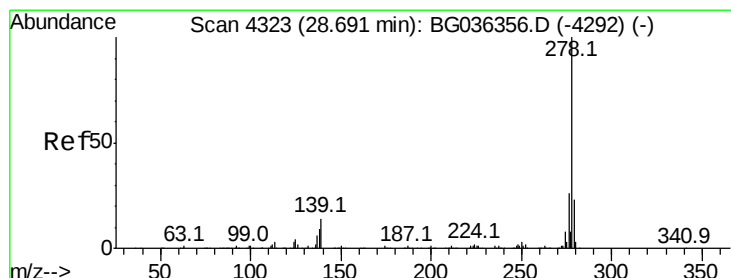
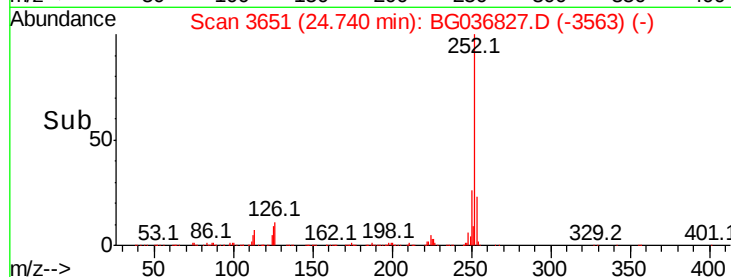
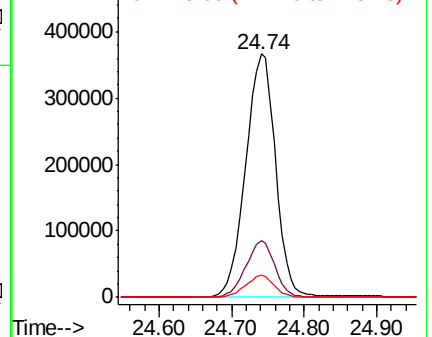
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.887 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.03 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

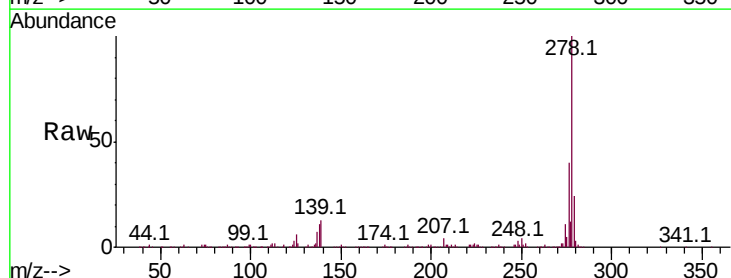
Tgt Ion:278 Resp: 998486

Ion Ratio Lower Upper

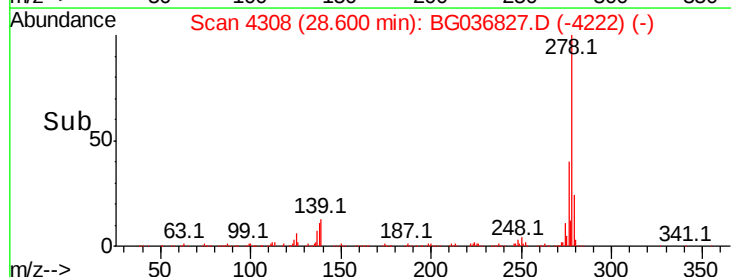
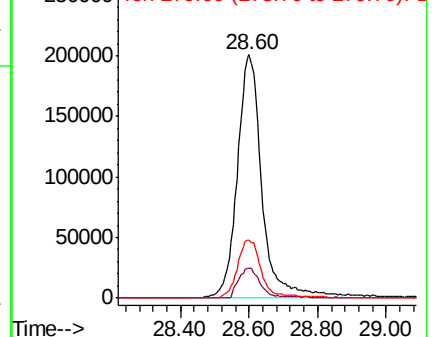
278 100

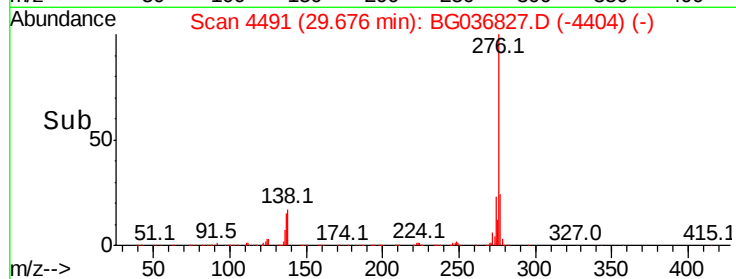
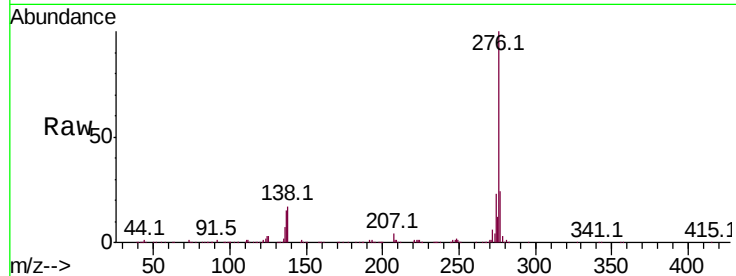
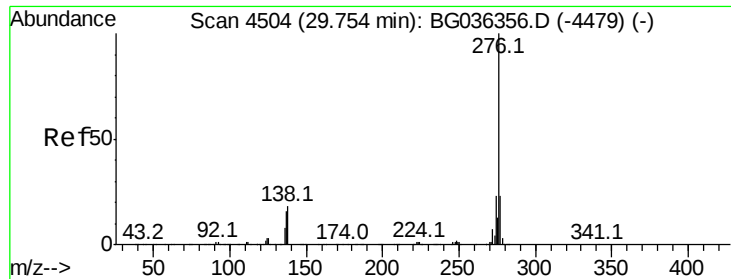
139 12.5 11.0 16.4

279 23.9 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.490 ng

RT: 29.68 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG036827.D

Acq: 19 Sep 2018 19:58

Tot Ion:	276	Resp:	974129
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.4	27.6
138	17.1	14.6	22.0

Instrument :

BNA_G

ClientSampleId :

HD-02-091718MS

Manual Integrations
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