

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034150.D
 Acq On : 3 May 2018 13:58
 Operator : SJ/JU
 Sample : J2626-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Manual Integrations
 APPROVED

Sohil
 5/3/2018 6:25:32 PM

Quant Time: May 03 18:25:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	82394	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	329892	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	272841	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	713018	20.00	ng	0.00
75) Chrysene-d12	21.77	240	769309	20.00	ng	0.00
86) Perylene-d12	25.06	264	797270	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	559711	109.75	ng	0.00
7) Phenol-d6	7.22	99	846897	106.67	ng	0.00
23) Nitrobenzene-d5	9.24	82	592419	68.90	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	392909	104.00	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1203604	64.28	ng	-0.01
78) Terphenyl-d14	20.09	244	2242307	63.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	63948	29.861	ng	# 82
3) Pyridine	3.94	79	201055	29.921	ng	# 84
4) n-Nitrosodimethylamine	3.85	42	123272	33.646	ng	# 86
6) Aniline	7.39	93	237056	21.952	ng	93
8) 2-Chlorophenol	7.63	128	179665	35.306	ng	85
9) Benzaldehyde	7.20	77	92630	17.398	ng	97
10) Phenol	7.25	94	303134	37.855	ng	75
11) bis(2-Chloroethyl)ether	7.48	93	200857	31.861	ng	95
12) 1,3-Dichlorobenzene	7.96	146	191381	29.727	ng	# 85
13) 1,4-Dichlorobenzene	8.11	146	197462	30.883	ng	98
14) 1,2-Dichlorobenzene	8.42	146	185105	30.478	ng	94
15) Benzyl Alcohol	8.30	79	275472	32.526	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.60	45	263645	30.395	ng	83
17) 2-Methylphenol	8.50	107	189208	35.909	ng	# 83
18) Hexachloroethane	9.16	117	79438	29.205	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	214112	30.030	ng	93
20) 3+4-Methylphenols	8.84	107	258121	33.077	ng	76
22) Acetophenone	8.89	105	343619	30.579	ng	# 97
24) Nitrobenzene	9.28	77	302326	32.123	ng	# 86
25) Isophorone	9.80	82	577534	32.927	ng	# 97
26) 2-Nitrophenol	9.99	139	100537	38.588	ng	# 63
27) 2,4-Dimethylphenol	10.05	122	204564	40.500	ng	89
28) bis(2-Chloroethoxy)methane	10.29	93	301318	34.974	ng	95
29) 2,4-Dichlorophenol	10.53	162	226688	37.547	ng	99
30) 1,2,4-Trichlorobenzene	10.75	180	229638	31.588	ng	95
31) Naphthalene	10.94	128	571992	32.987	ng	100
32) Benzoic acid	10.12	122	36965m	11.443	ng	
33) 4-Chloroaniline	11.04	127	104738	13.395	ng	# 91
34) Hexachlorobutadiene	11.22	225	193669	31.474	ng	95
35) Caprolactam	11.81	113	82761m	38.593	ng	
36) 4-Chloro-3-methylphenol	12.16	107	299046	38.200	ng	95
37) 2-Methylnaphthalene	12.54	142	460871	32.780	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	331242	31.374	ng	# 98
40) Hexachlorocyclopentadiene	12.89	237	420807	67.266	ng	99

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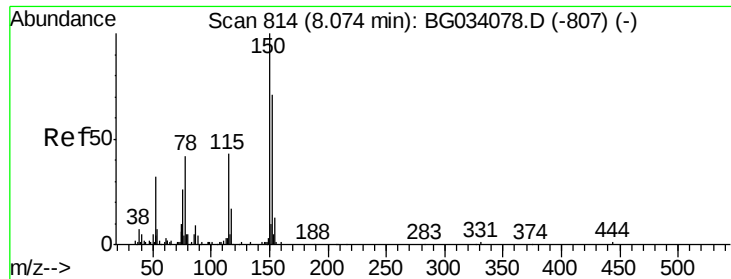
Manual Integrations
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 5/3/2018 6:25:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	231099	37.674	nq	99
43) 2,4,5-Trichlorophenol	13.21	196	253438	37.373	nq	92
45) 1,1'-Biphenyl	13.55	154	657345	30.840	nq	96
46) 2-Chloronaphthalene	13.59	162	507766	31.467	nq	95
47) 2-Nitroaniline	13.79	65	235464	36.497	nq	89
48) Acenaphthylene	14.44	152	789508	30.644	nq	95
49) Dimethylphthalate	14.17	163	885338	37.421	nq	99
50) 2,6-Dinitrotoluene	14.28	165	166369	36.614	nq	85
51) Acenaphthene	14.78	154	581592	33.215	nq	96
52) 3-Nitroaniline	14.61	138	98170	21.435	nq #	68
53) 2,4-Dinitrophenol	14.82	184	97035	54.587	nq #	70
54) Dibenzofuran	15.12	168	820843	32.336	nq	92
55) 4-Nitrophenol	14.91	139	268078	76.687	nq #	51
56) 2,4-Dinitrotoluene	15.07	165	238871	38.716	nq	92
57) Fluorene	15.76	166	697966	31.546	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.33	232	271454	38.694	nq	93
59) Diethylphthalate	15.53	149	791240	31.604	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	430260	32.688	nq	100
61) 4-Nitroaniline	15.78	138	171578	35.317	nq #	49
62) Azobenzene	16.05	77	854738	31.604	nq	94
64) 4,6-Dinitro-2-methylphenol	15.83	198	128449	38.315	nq	96
65) n-Nitrosodiphenylamine	15.97	169	643534	33.100	nq	97
66) 4-Bromophenyl-phenylether	16.66	248	292149	33.001	nq	94
67) Hexachlorobenzene	16.77	284	285145	31.731	nq #	91
68) Atrazine	16.92	200	303289	34.727	nq	97
69) Pentachlorophenol	17.11	266	410104	65.477	nq	99
70) Phenanthrene	17.51	178	1198422	32.710	nq	99
71) Anthracene	17.60	178	1230546	33.140	nq	99
72) Carbazole	17.87	167	1117463	32.874	nq	99
73) Di-n-butylphthalate	18.44	149	1269355	31.024	nq #	96
74) Fluoranthene	19.52	202	1559374	33.681	nq	93
76) Benzidine	19.70	184	709863	35.821	nq	99
77) Pyrene	19.88	202	1557098	32.305	nq	96
79) Butylbenzylphthalate	20.78	149	617419	32.814	nq	91
80) Benzo(a)anthracene	21.74	228	1656197	33.592	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	355912	19.090	nq #	98
82) Chrysene	21.81	228	1522004	32.253	nq	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	821382	31.718	nq	99
84) Di-n-octyl phthalate	22.91	149	1429718	34.567	nq	99
85) Indeno(1,2,3-cd)pyrene	28.82	276	1848250	35.589	nq #	88
87) Benzo(b)fluoranthene	24.01	252	1680980	33.377	nq #	96
88) Benzo(k)fluoranthene	24.08	252	1602825	33.299	nq #	96
89) Benzo(a)pyrene	24.91	252	1595106	33.853	nq #	93
90) Dibenzo(a,h)anthracene	28.90	278	1518411	34.186	nq #	93
91) Benzo(g,h,i)perylene	30.00	276	1499719	34.258	nq #	89

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



#1

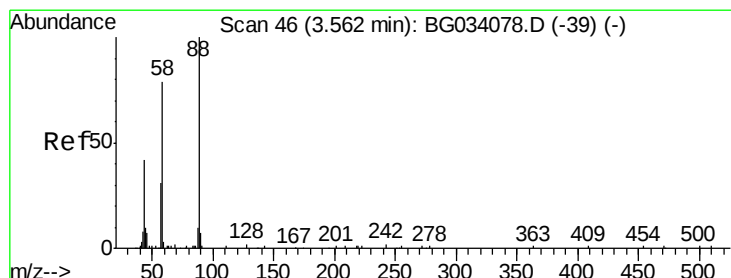
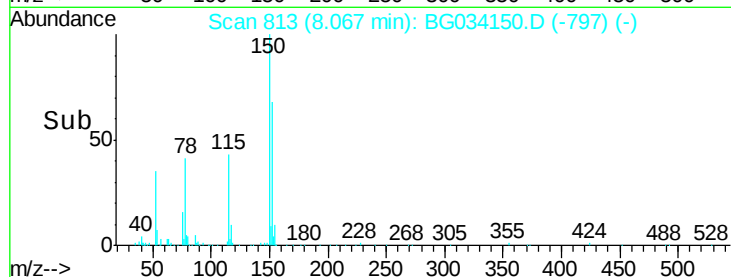
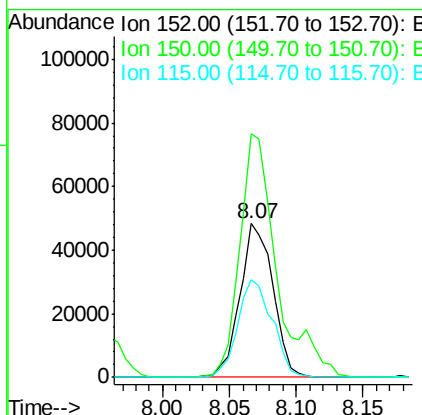
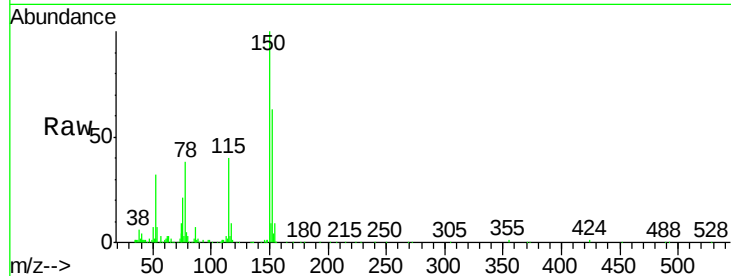
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	63.4	53.0	79.4

Manual Integrations
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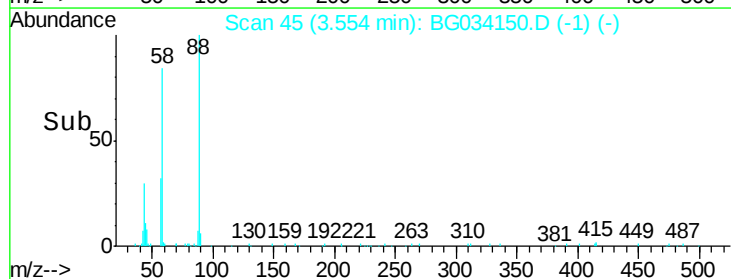
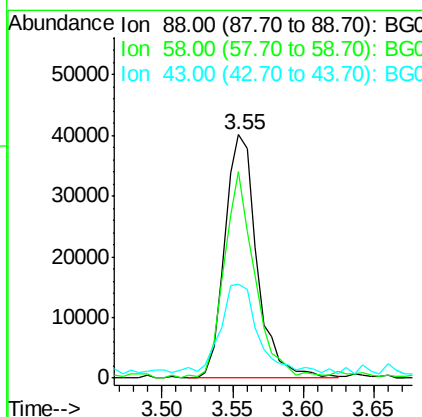
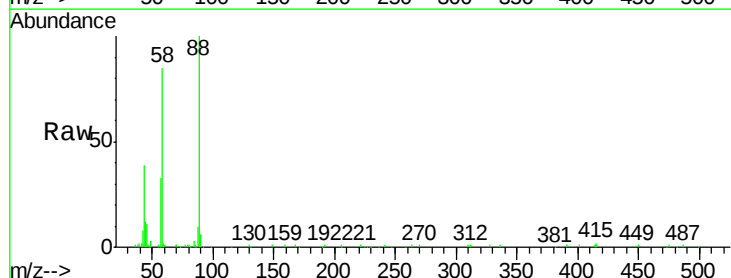
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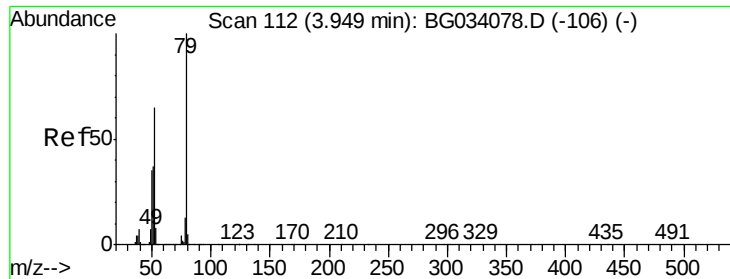


#2

1,4-Dioxane
Concen: 29.861 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.3	79.6	119.4
43	43.2	27.4	41.0





#3

Pvridine

Concen: 29.921 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

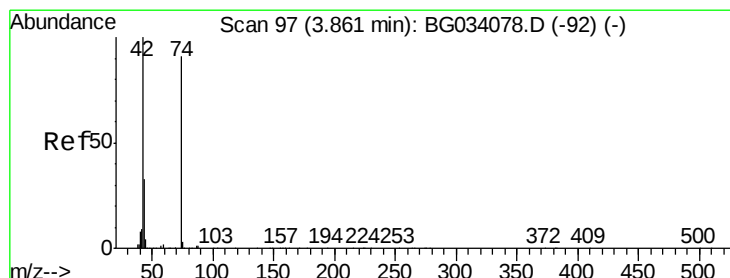
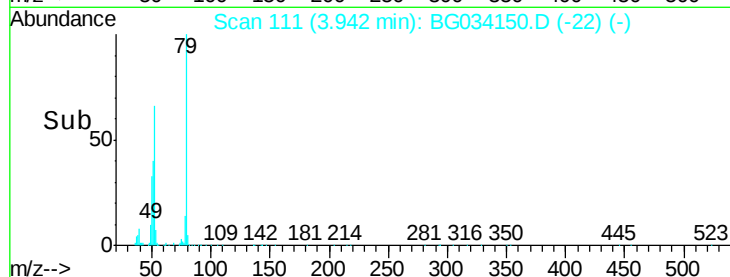
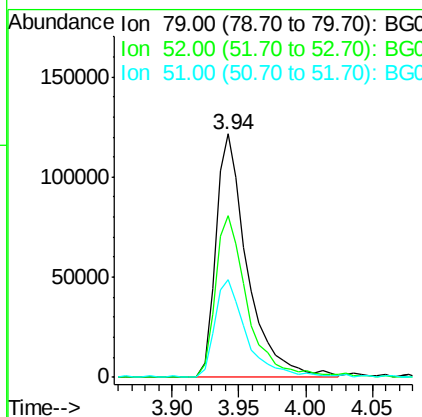
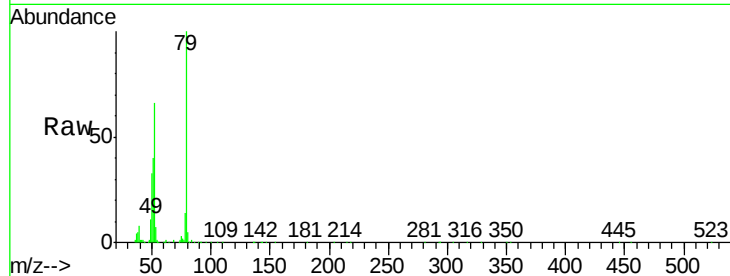
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	79	Resp:	201055
Ion Ratio	Lower	Upper	
79	100		
52	66.3	69.9	104.9#
51	40.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 33.646 ng

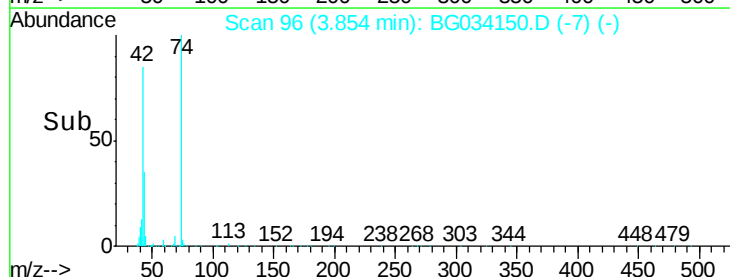
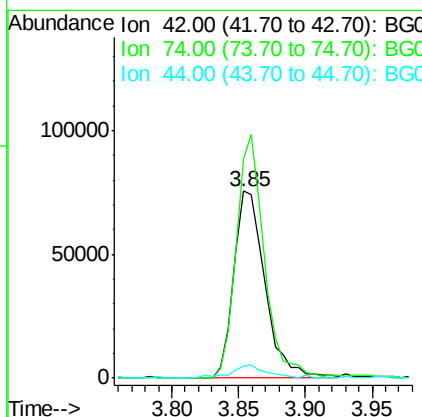
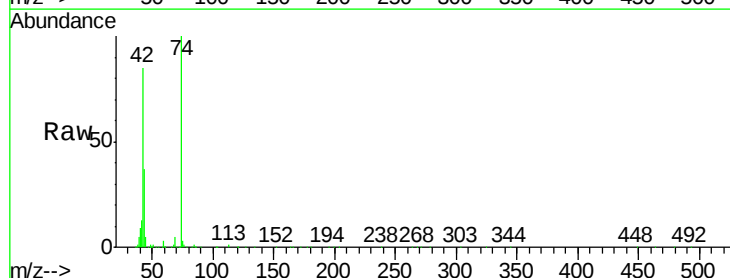
RT: 3.85 min Scan# 96

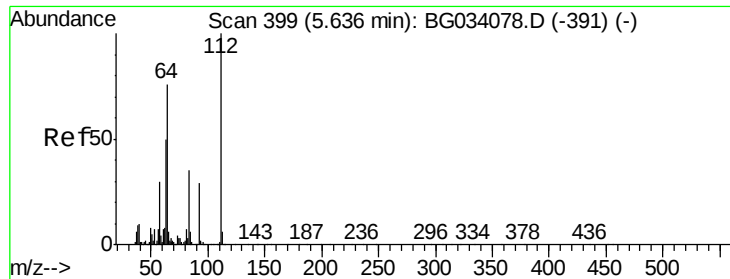
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	42	Resp:	123272
Ion Ratio	Lower	Upper	
42	100		
74	117.0	102.5	153.7
44	6.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 109.751 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

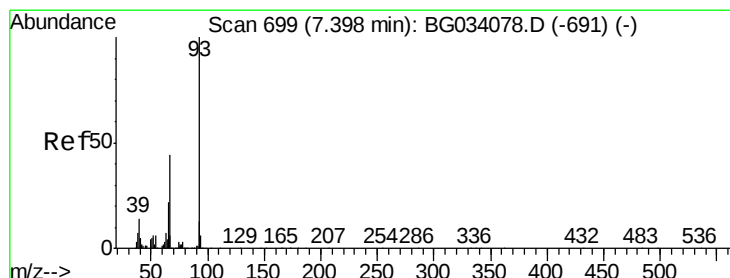
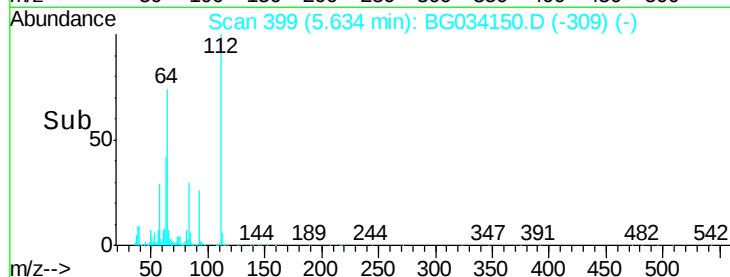
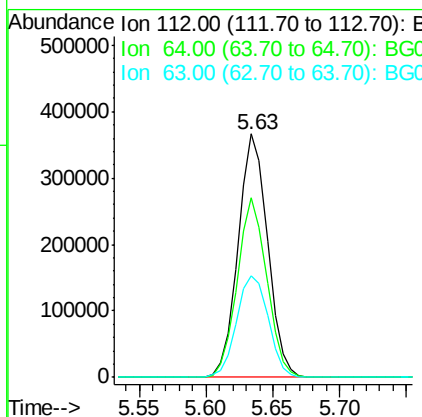
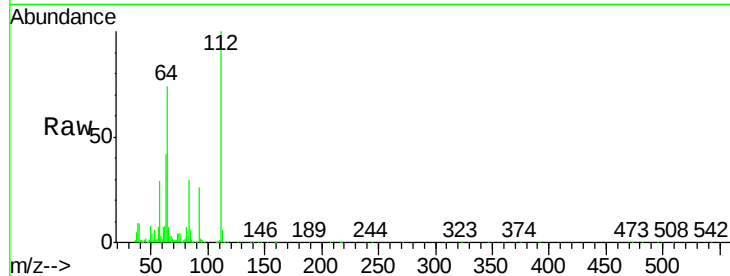
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	112	Resp:	559711
Ion Ratio	Lower	Upper	
112	100		
64	73.9	56.3	84.5
63	41.7	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 21.952 ng

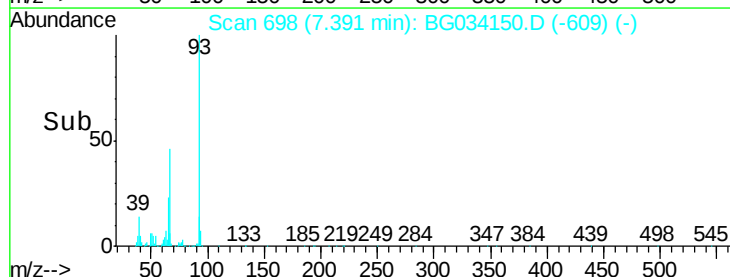
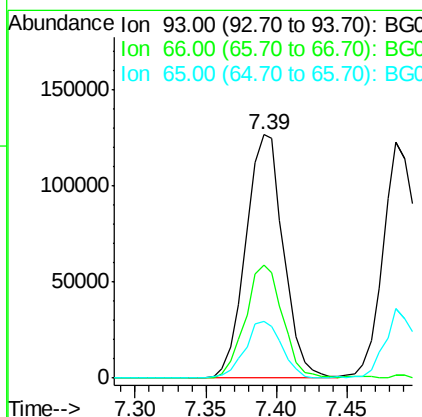
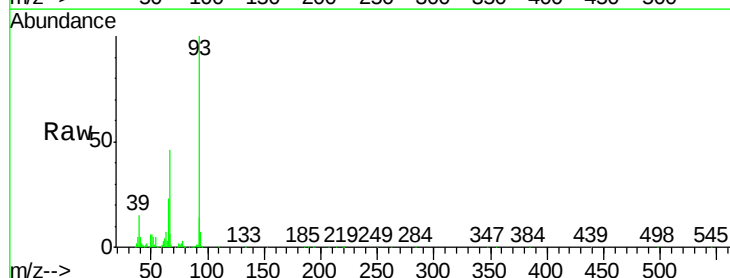
RT: 7.39 min Scan# 698

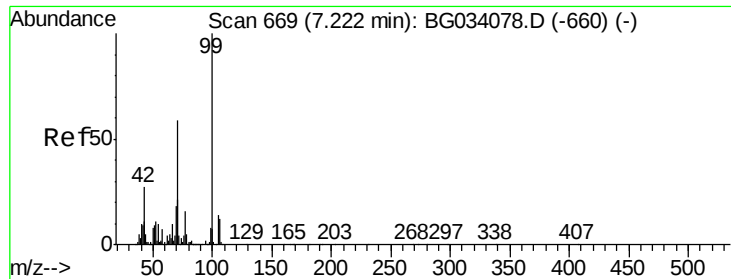
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	93	Resp:	237056
Ion Ratio	Lower	Upper	
93	100		
66	46.3	33.7	50.5
65	23.1	16.1	24.1





#7

Phenol-d6

Concen: 106.670 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

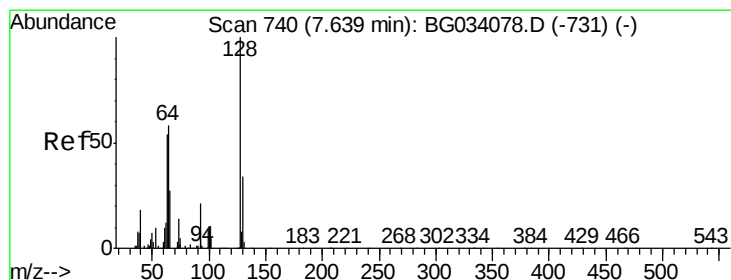
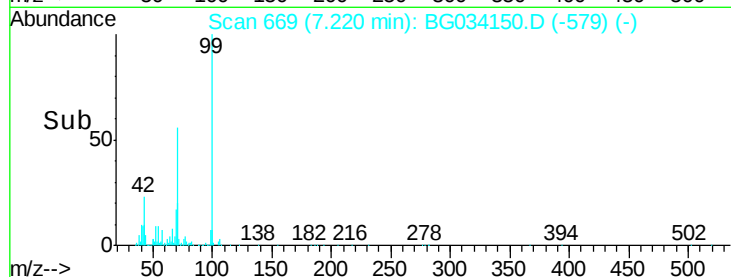
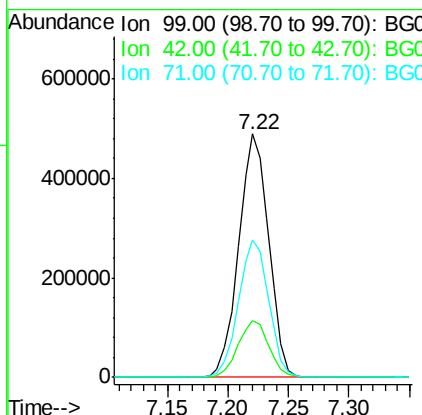
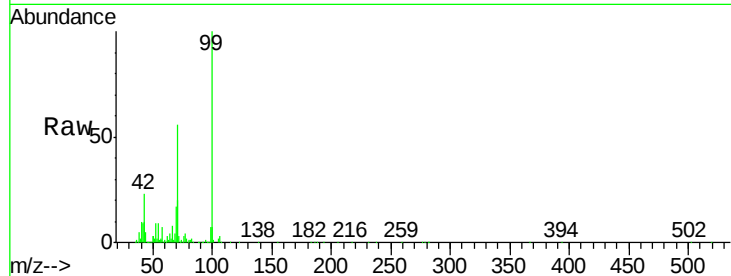
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		846897		
42	23.4	14.1	21.1#		
71	56.4	26.1	39.1#		

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.306 ng

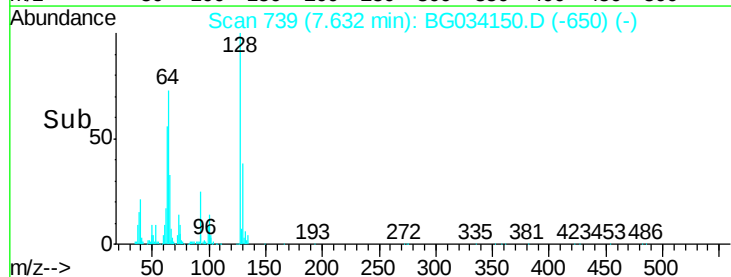
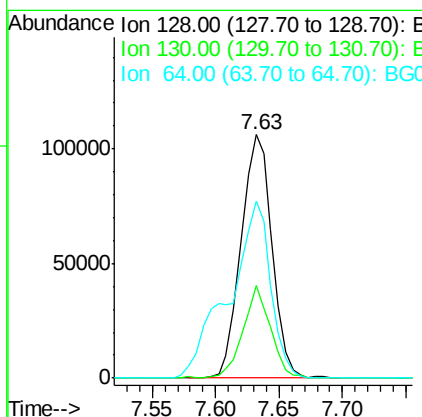
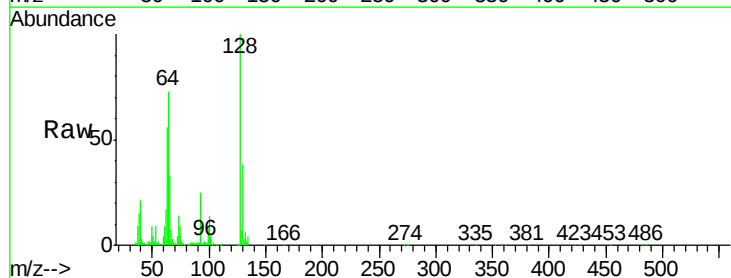
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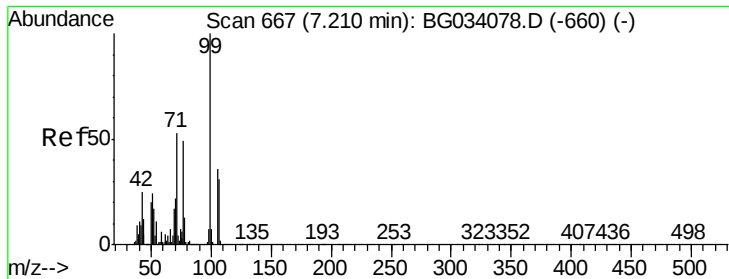
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		179665		
130	37.9	14.0	54.0		
64	72.9	37.7	77.7		





#9

Benzaldehyde

Concen: 17.398 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

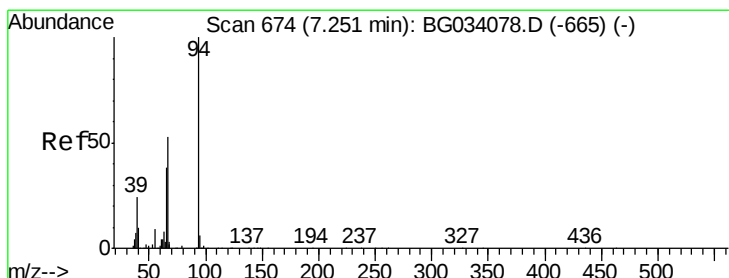
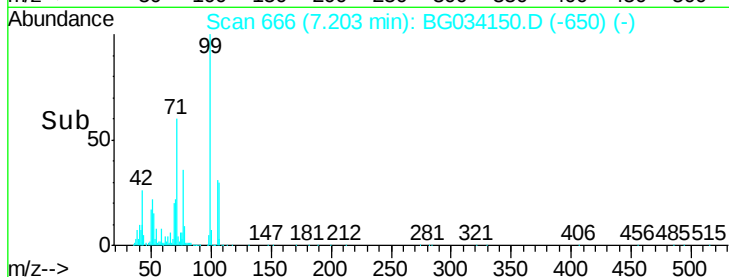
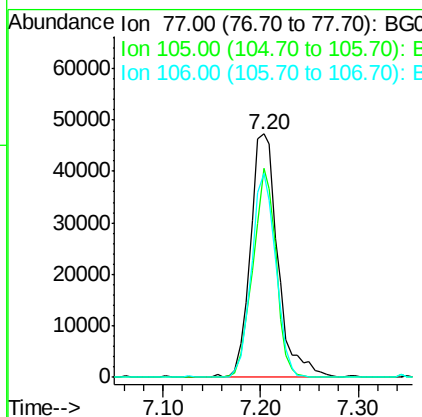
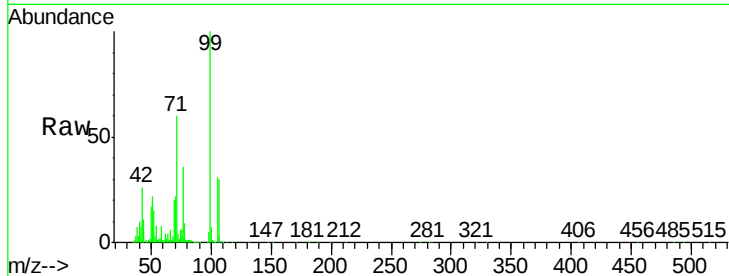
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	77	Resp:	92630
Ion	Ratio	Lower	Upper
77	100		
105	85.8	71.3	111.3
106	83.7	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 37.855 ng

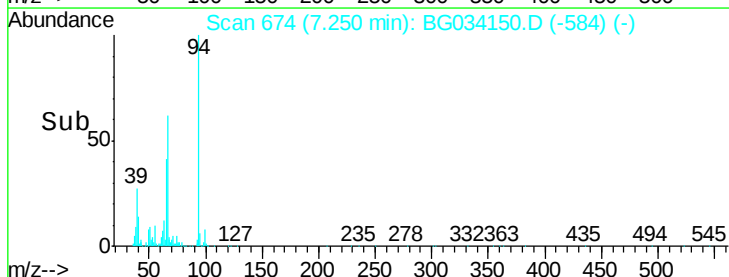
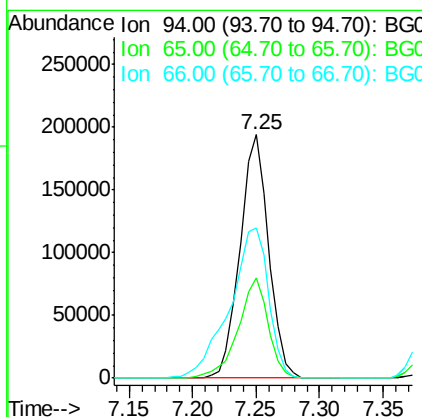
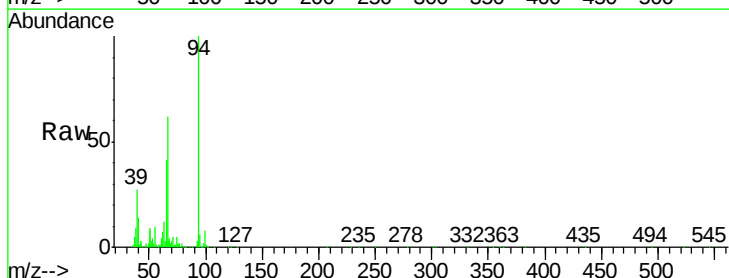
RT: 7.25 min Scan# 674

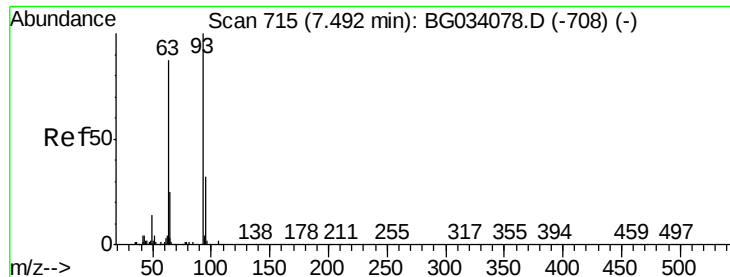
Delta R.T. -0.00 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	94	Resp:	303134
Ion	Ratio	Lower	Upper
94	100		
65	41.1	11.9	51.9
66	61.9	22.2	62.2





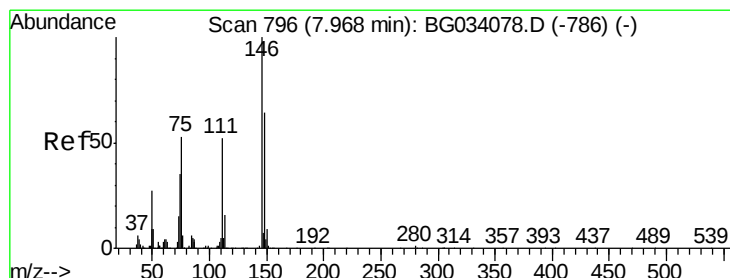
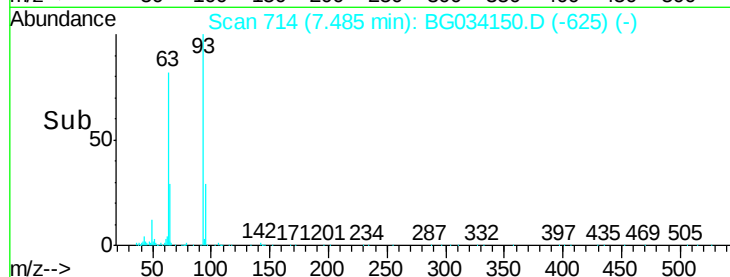
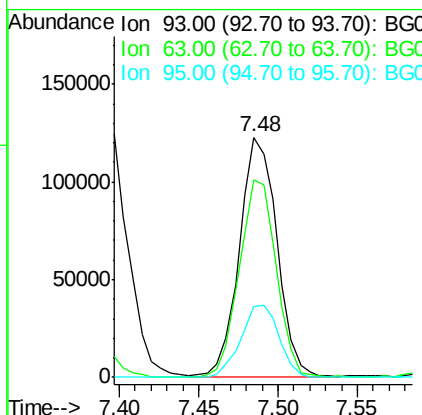
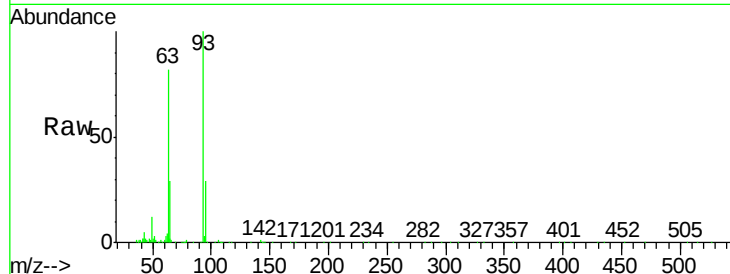
#11
bis(2-Chloroethyl)ether
Concen: 31.861 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	67.1	107.1
95	29.3	11.5	51.5

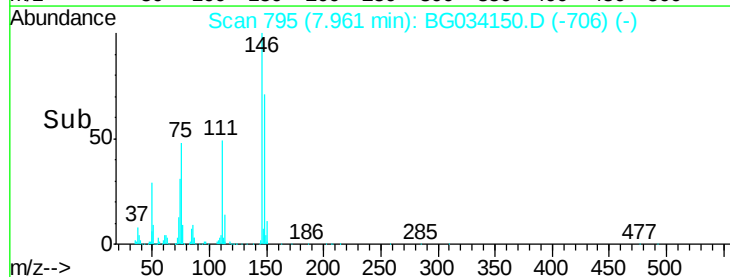
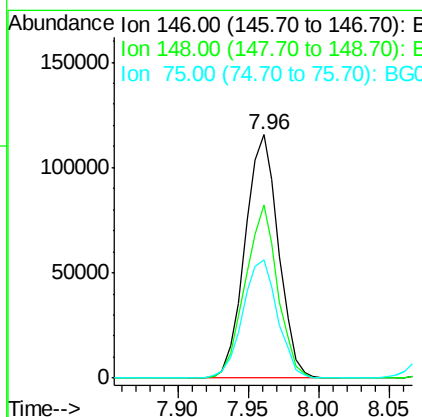
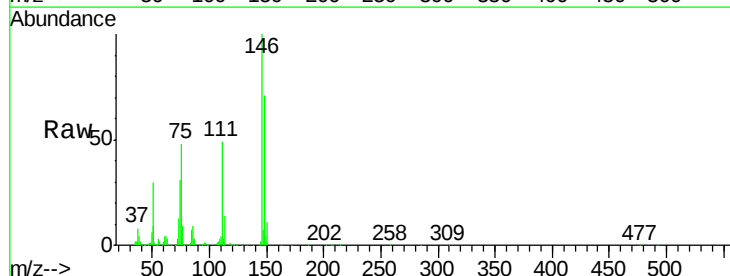
Manual Integrations
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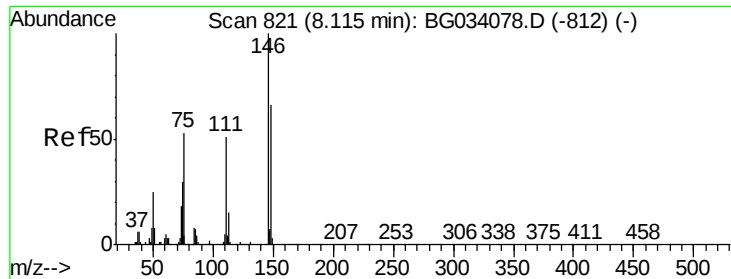
Sohil
5/3/2018 6:25:32 PM



#12
1,3-Dichlorobenzene
Concen: 29.727 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.2	51.4	77.2
75	48.3	26.6	39.8





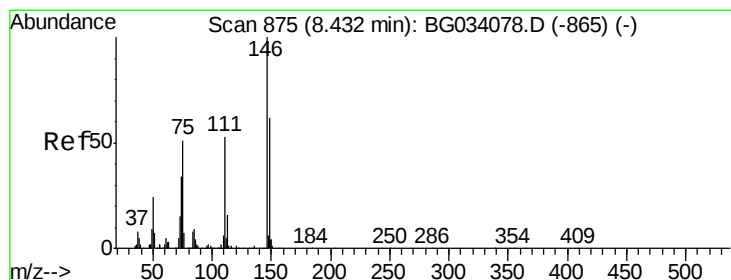
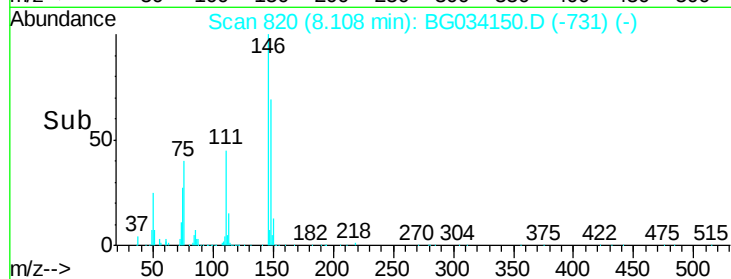
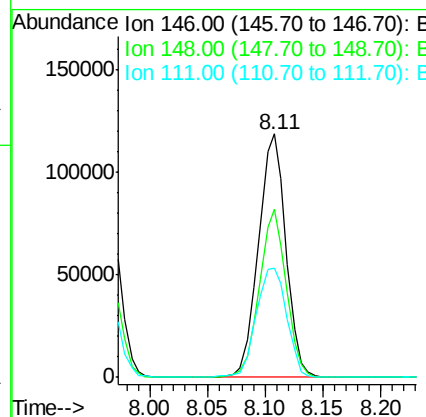
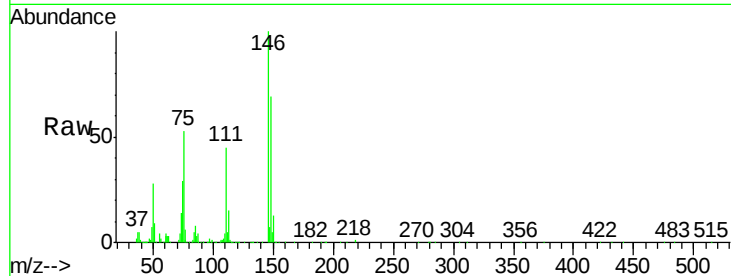
#13
1,4-Dichlorobenzene
Concen: 30.883 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.9	53.7	80.5
111	44.8	35.2	52.8

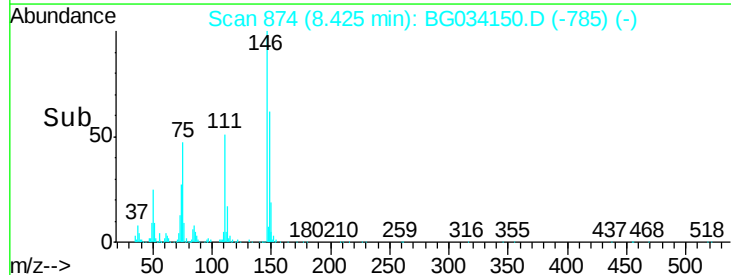
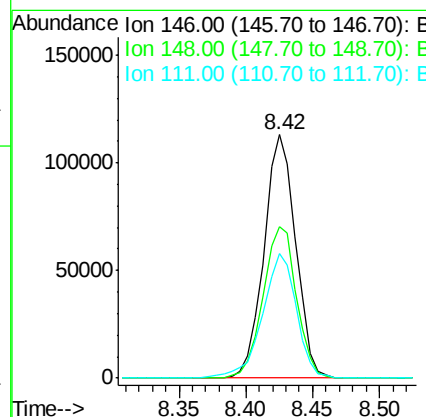
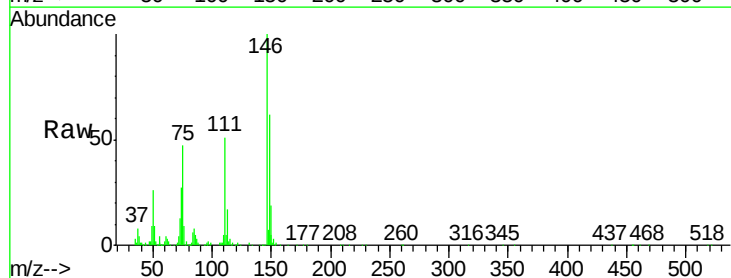
Manual Integrations
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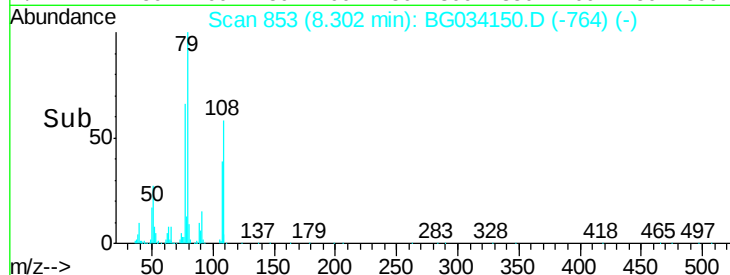
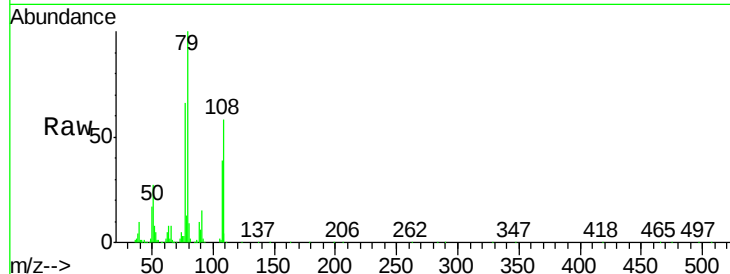
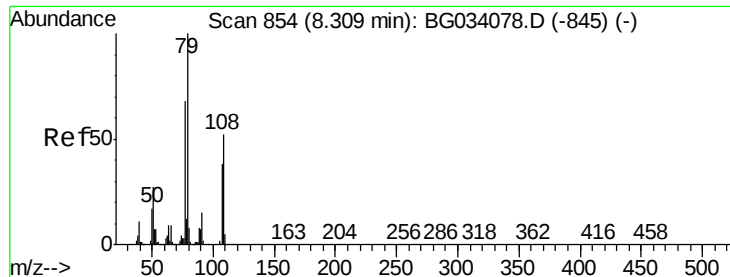
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#14
1,2-Dichlorobenzene
Concen: 30.478 ng
RT: 8.42 min Scan# 874
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.3	73.9
111	51.0	34.3	51.5





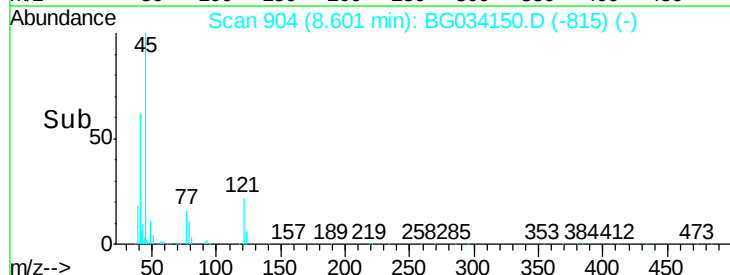
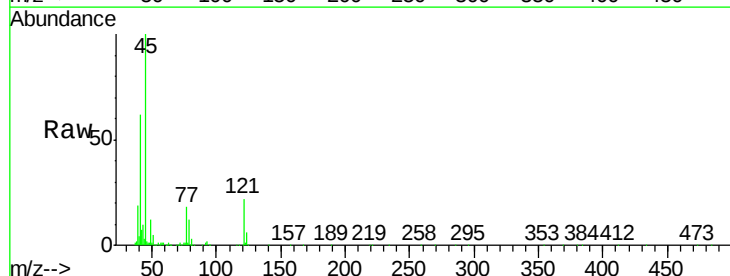
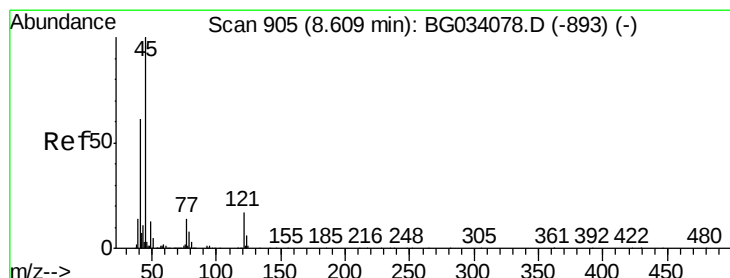
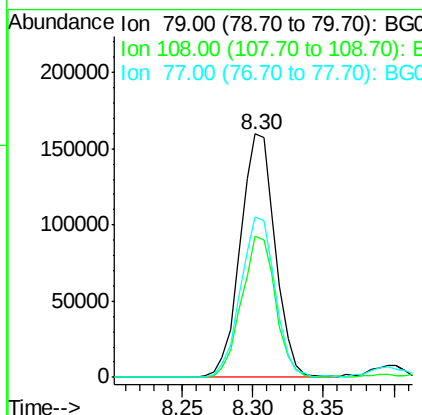
#15
Benzyl Alcohol
Concen: 32.526 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tot Ion:	79	Resp:	275472
Ion Ratio	Lower	Upper	
79	100		
108	57.9	57.2	85.8
77	65.8	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

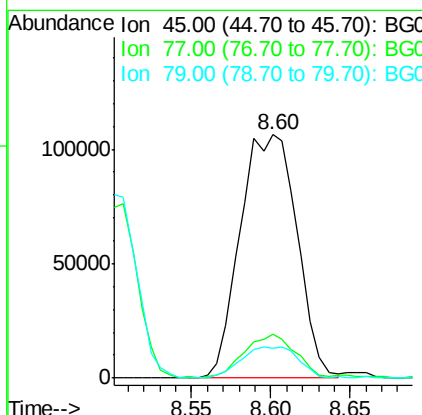
Manual Integrations
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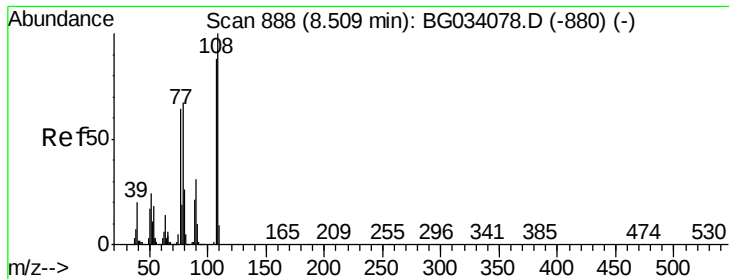
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.395 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion:	45	Resp:	263645
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.0	30.2
79	12.2	0.0	27.9





#17

2-Methylphenol

Concen: 35.909 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

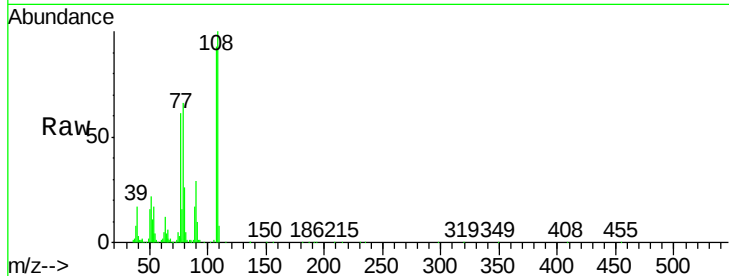
ClientSampleId :

EPE-F-4A(40-42)MS

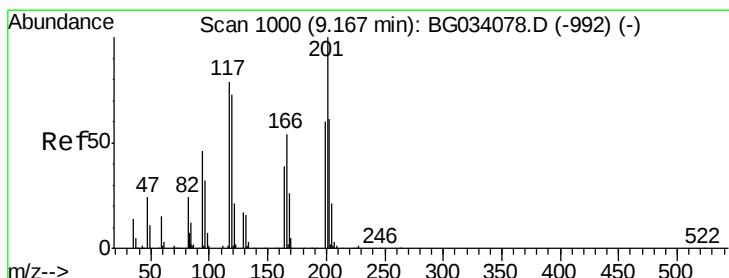
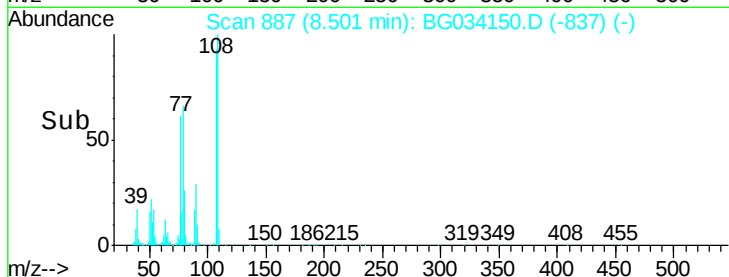
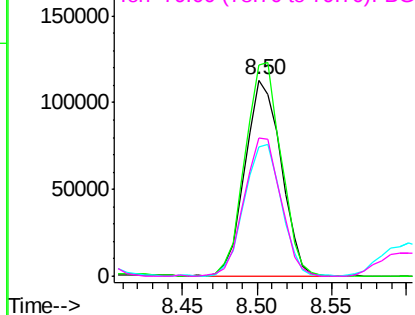
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.5	83.9	125.9	
77	66.0	37.2	55.8	
79	70.8	36.2	54.2	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 29.205 ng

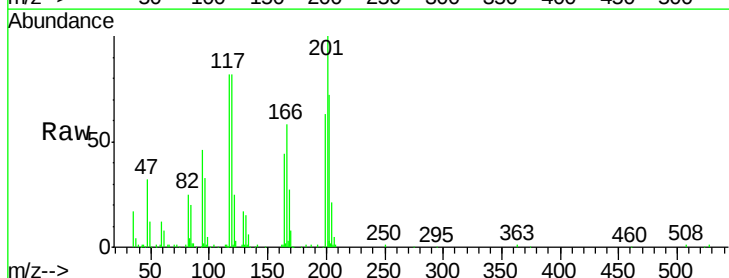
RT: 9.16 min Scan# 999

Delta R.T. -0.01 min

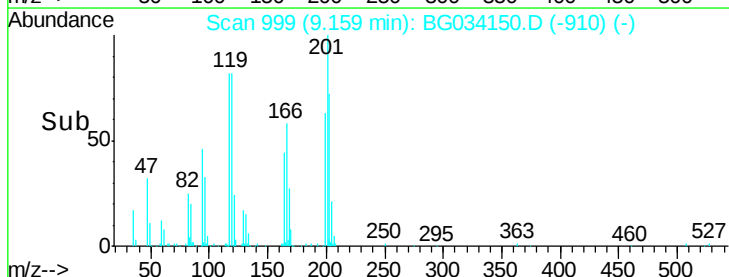
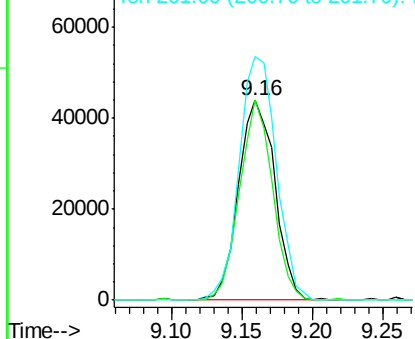
Lab File: BG034150.D

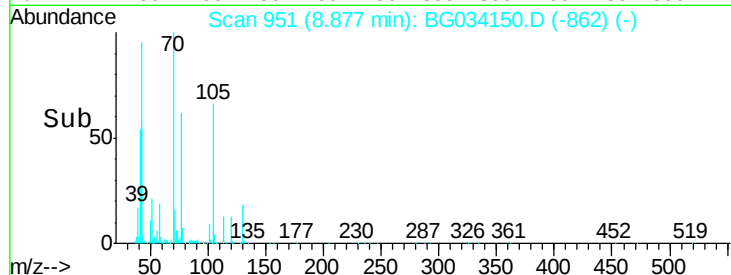
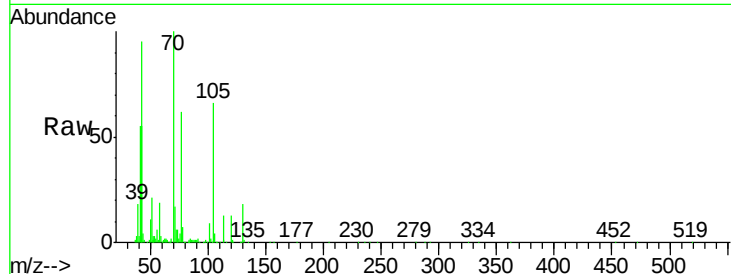
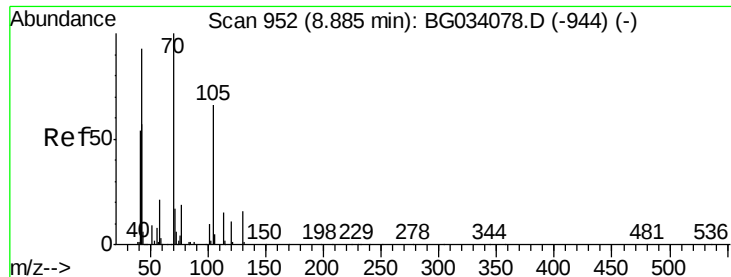
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.1	76.7	115.1	
201	121.7	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





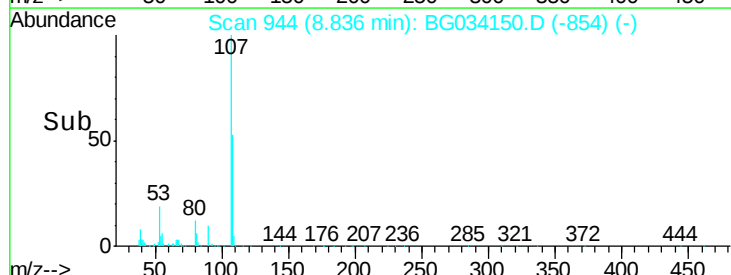
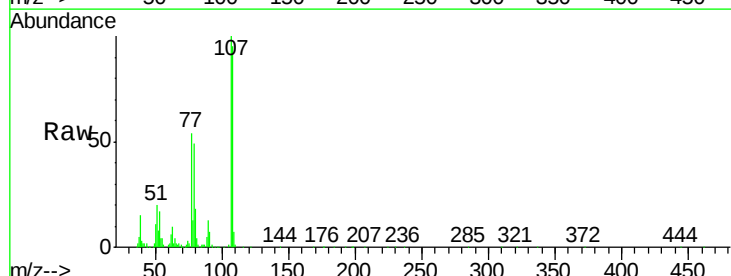
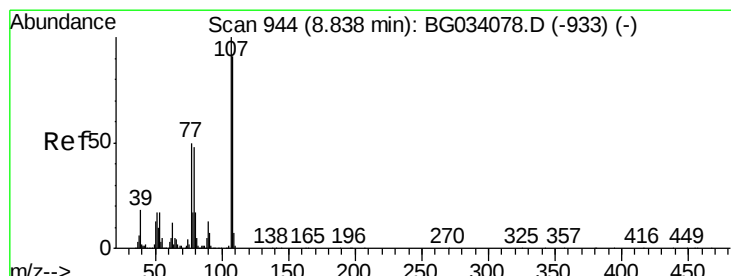
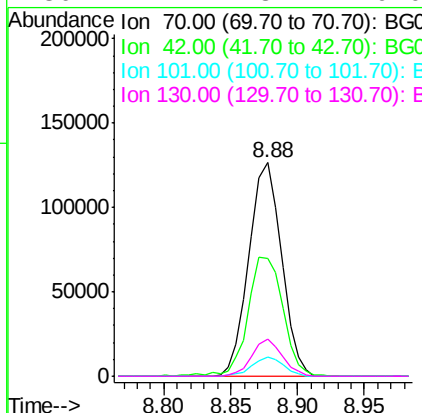
#19
n-Nitroso-di-n-propylamine
Concen: 30.030 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.1	73.7
101	9.0	8.5	12.7
130	17.7	13.4	20.0

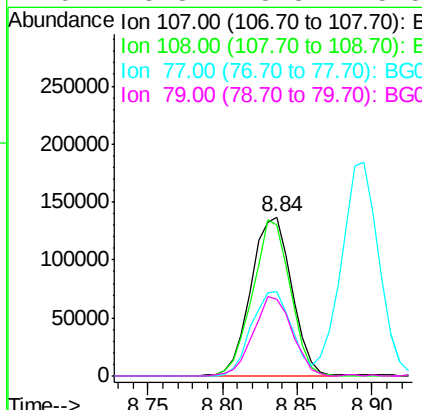
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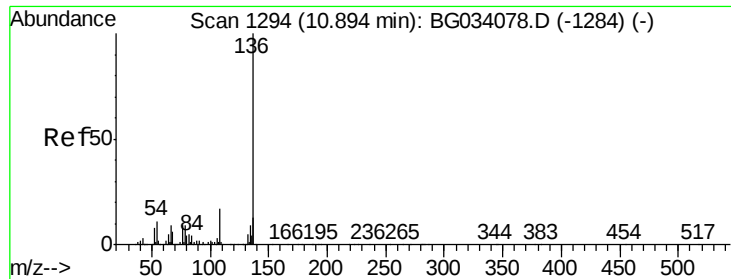
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#20
3+4-Methylphenols
Concen: 33.077 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	61.6	101.6
77	53.6	13.9	53.9
79	48.8	8.8	48.8





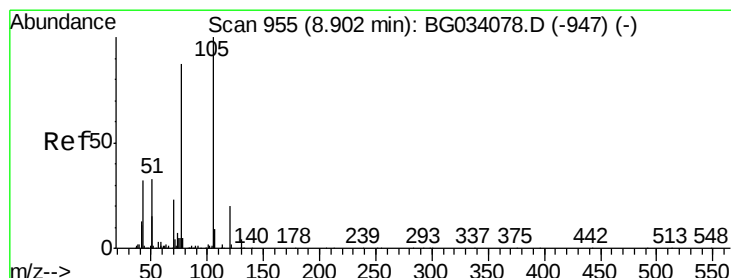
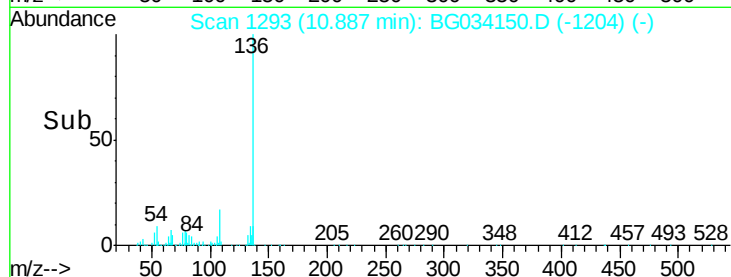
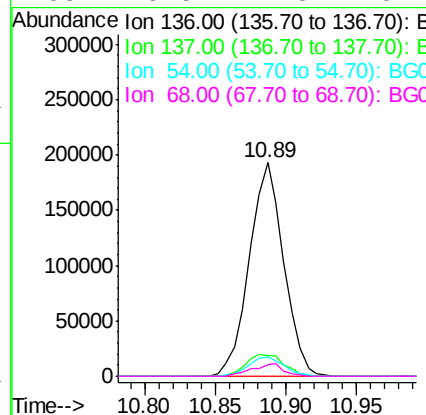
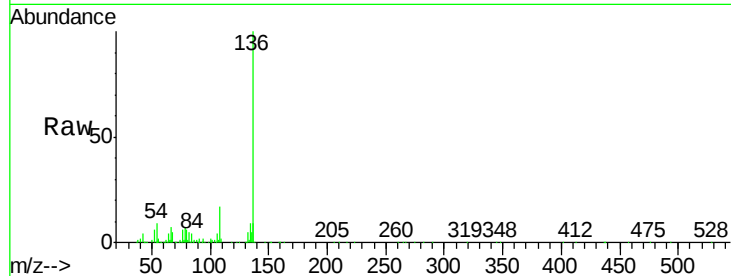
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		329892		
137	9.5		9.2	13.8	
54	9.2		10.3	15.5	
68	5.5		4.5	6.7	

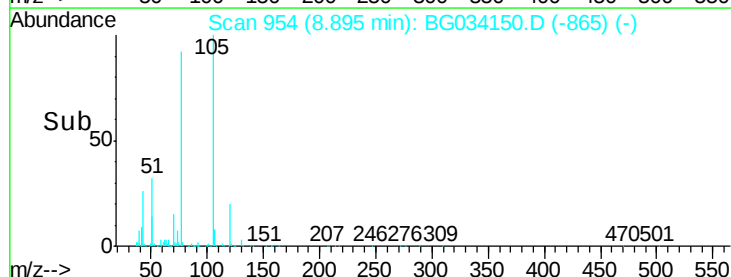
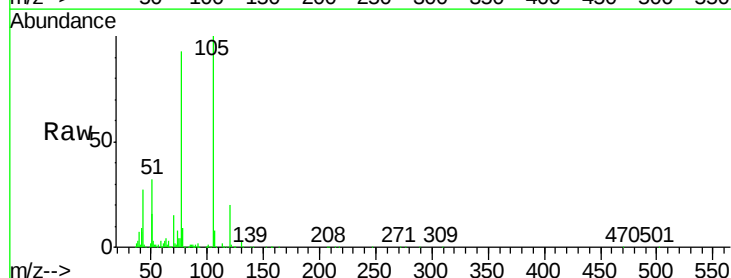
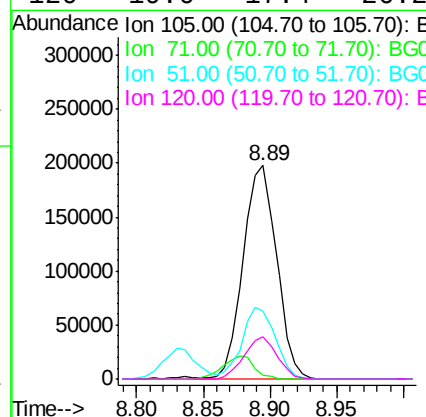
Manual Integrations
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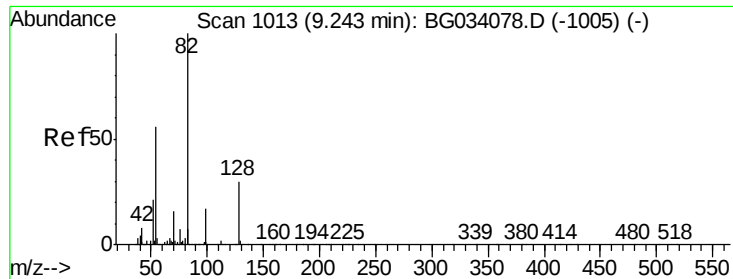
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#22
Acetophenone
Concen: 30.579 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		343619		
71	1.7		3.0	4.4	
51	32.1		26.1	39.1	
120	19.6		17.4	26.2	





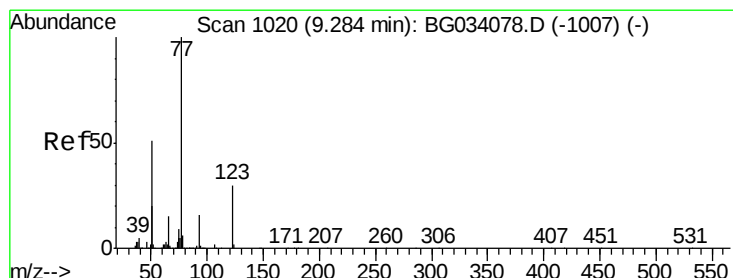
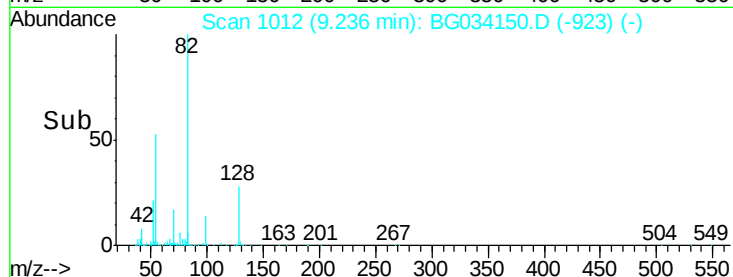
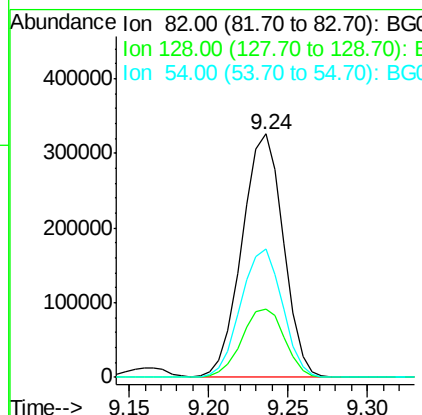
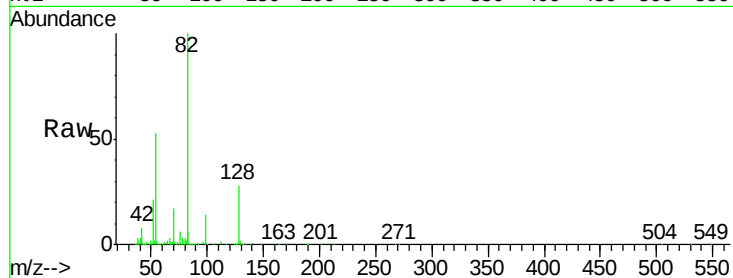
#23
Nitrobenzene-d5
Concen: 68.901 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	28.2	29.7	44.5#
54	52.9	43.1	64.7

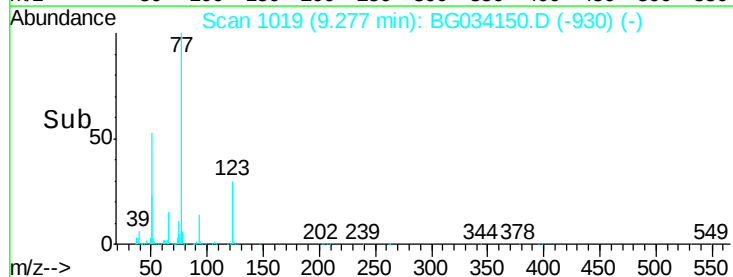
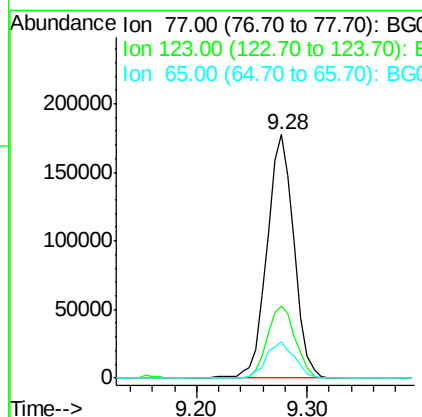
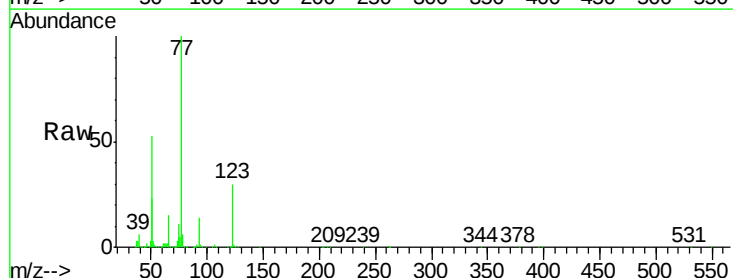
Manual Integrations
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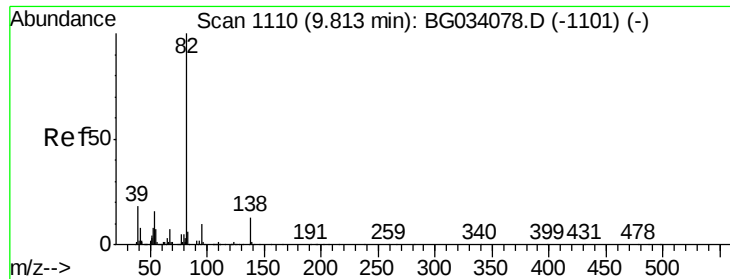
Sohil
5/3/2018 6:25:32 PM



#24
Nitrobenzene
Concen: 32.123 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.6	33.0	49.6#
65	14.9	13.0	19.6





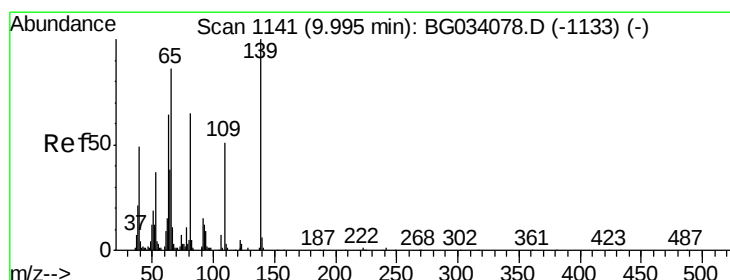
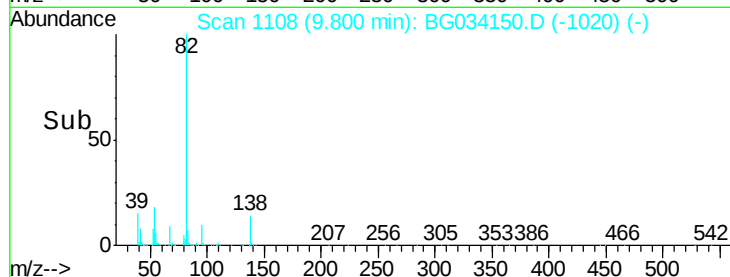
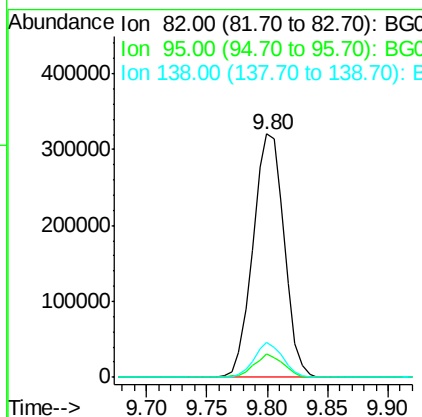
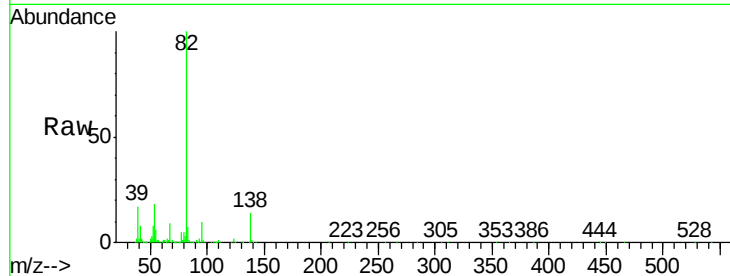
#25
Isophorone
Concen: 32.927 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.8	6.2	9.2#
138	14.2	12.1	18.1

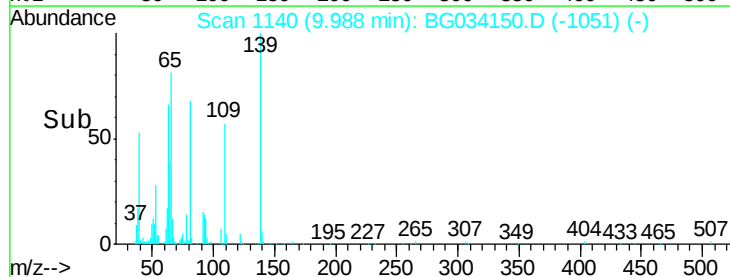
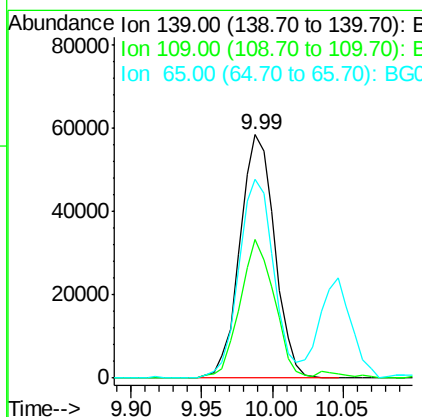
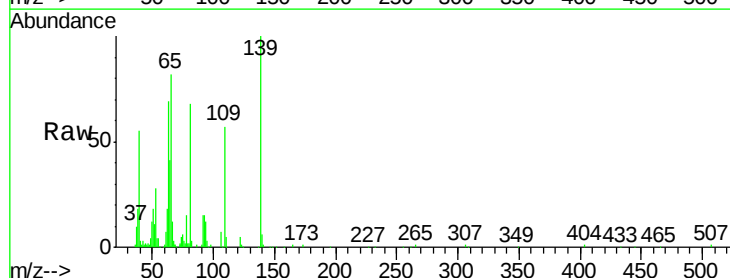
Manual Integrations
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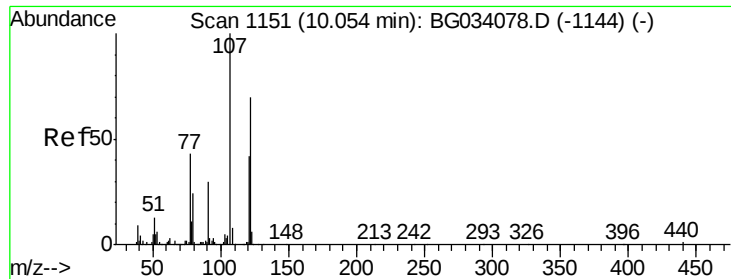
Sohil
5/3/2018 6:25:32 PM



#26
2-Nitrophenol
Concen: 38.588 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.1	24.2	36.2#
65	81.8	47.4	71.0#





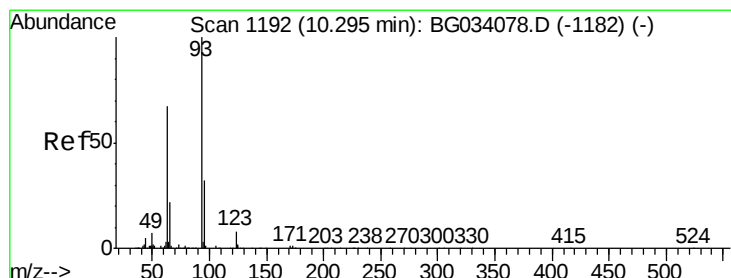
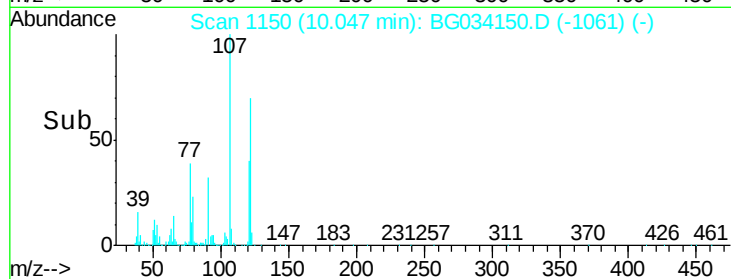
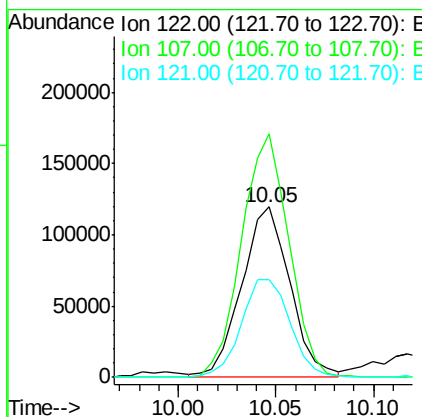
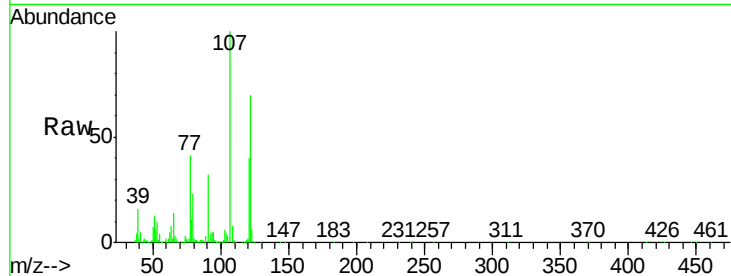
#27
2,4-Dimethylphenol
Concen: 40.500 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.8	100.2	150.2
121	57.0	44.4	66.6

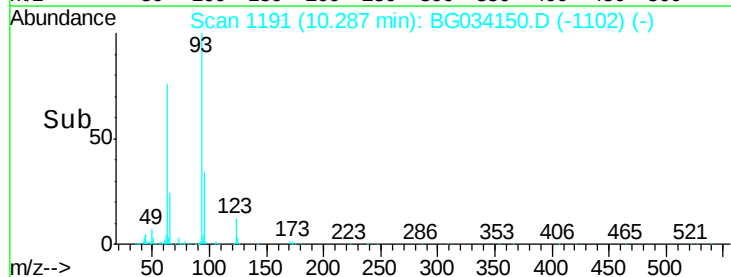
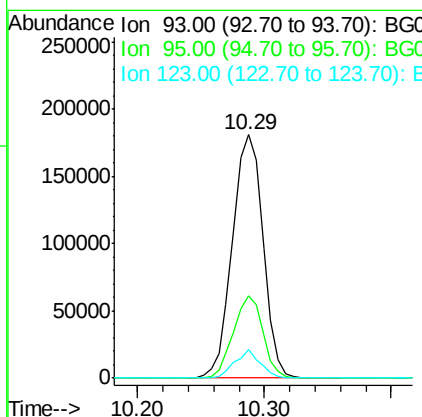
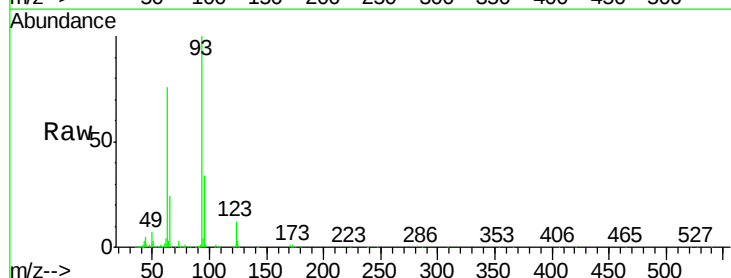
Manual Integrations
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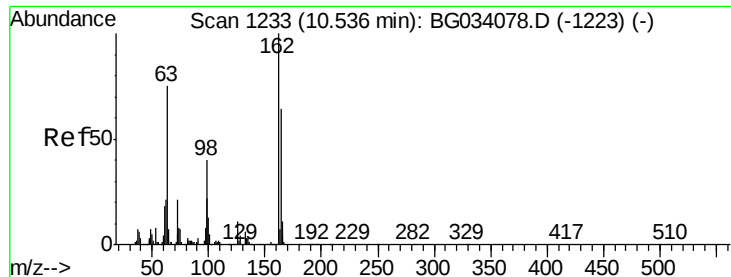
Sohil
5/3/2018 6:25:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.974 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	11.7	8.4	12.6





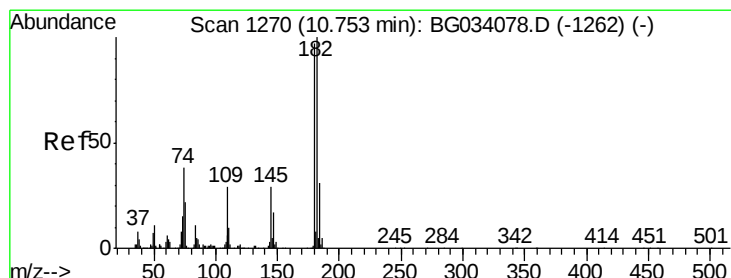
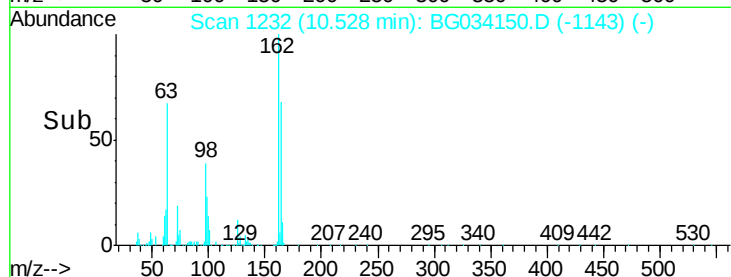
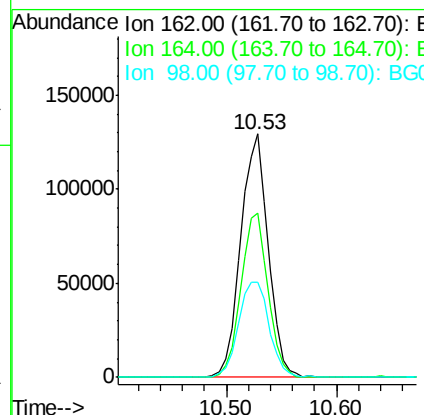
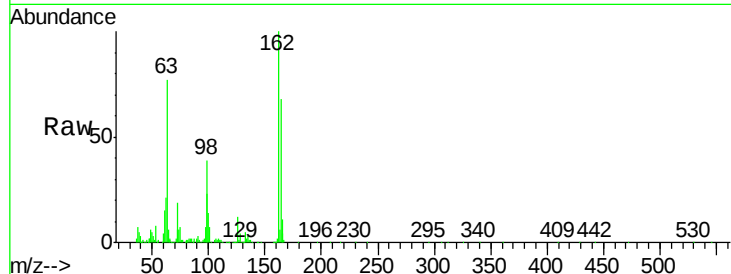
#29
2,4-Dichlorophenol
Concen: 37.547 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.7	48.0	88.0	
98	39.1	21.1	61.1	

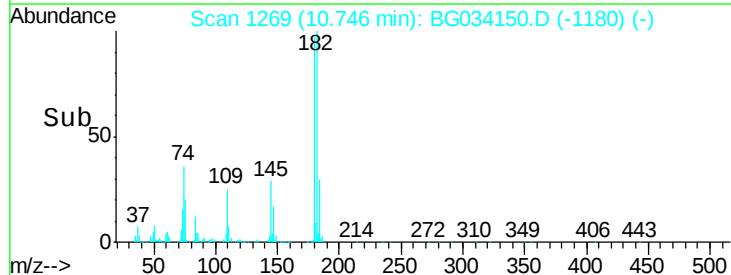
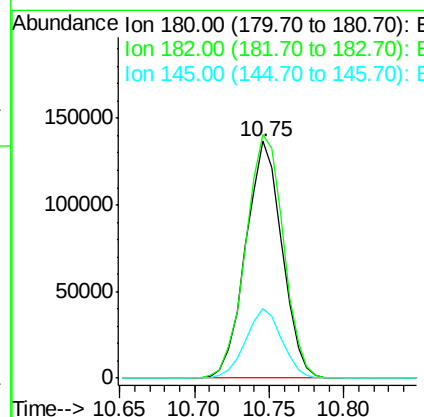
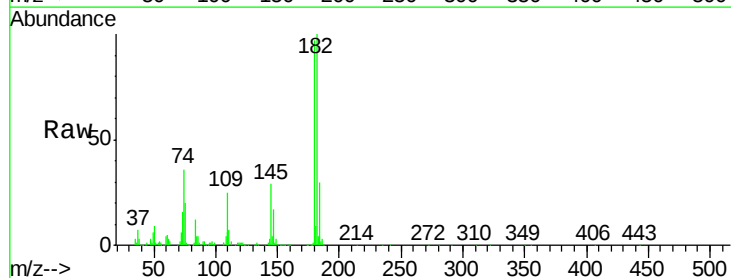
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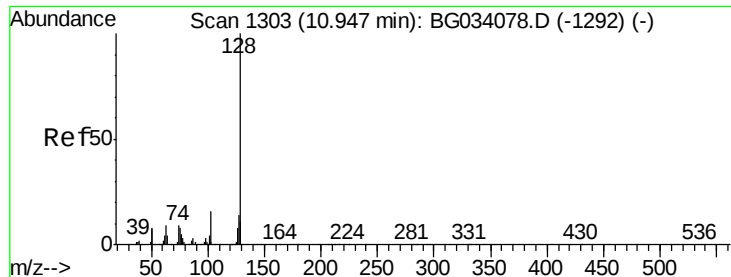
Sohil
5/3/2018 6:25:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.588 ng
RT: 10.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	102.7	77.5	116.3	
145	29.3	23.4	35.2	





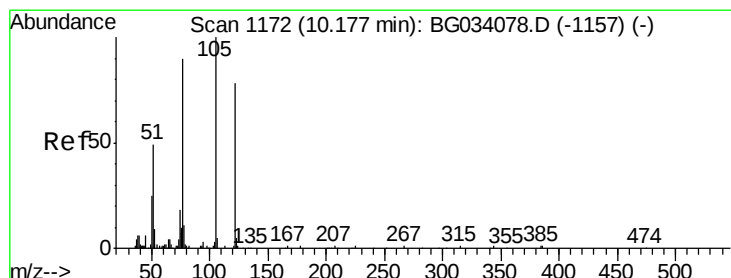
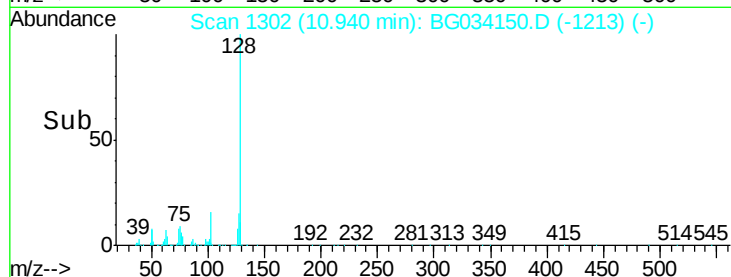
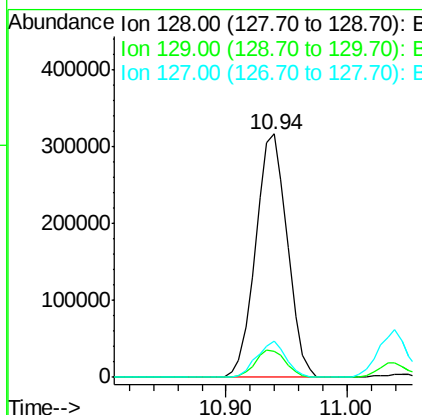
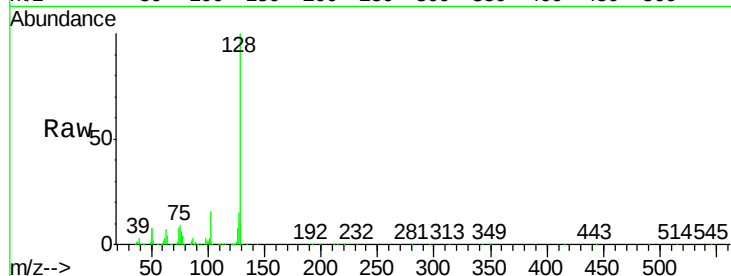
#31
Naphthalene
Concen: 32.987 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	14.7	11.6	17.4

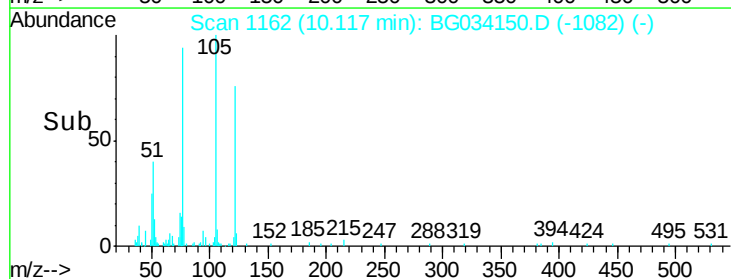
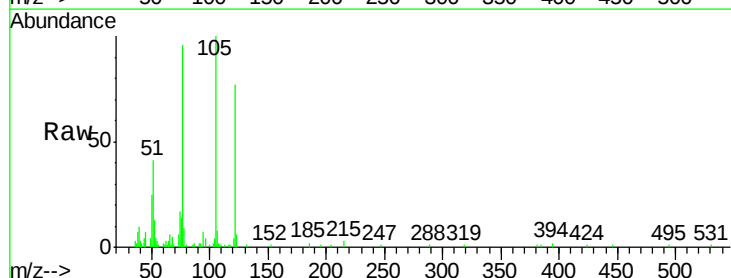
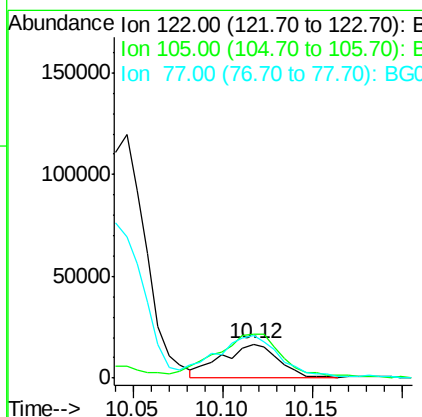
Manual Integrations
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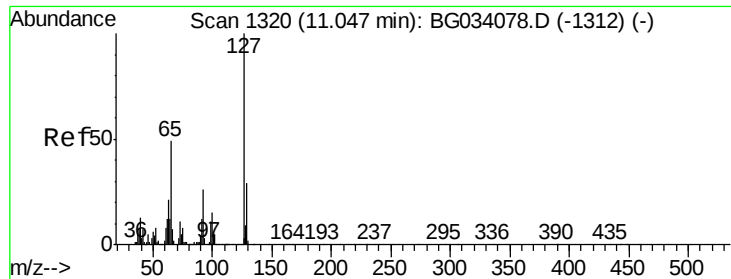
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#32
Benzoic acid
Concen: 11.443 ng m
RT: 10.12 min Scan# 1162
Delta R.T. -0.06 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	123.5	163.5
77	124.0	85.7	125.7





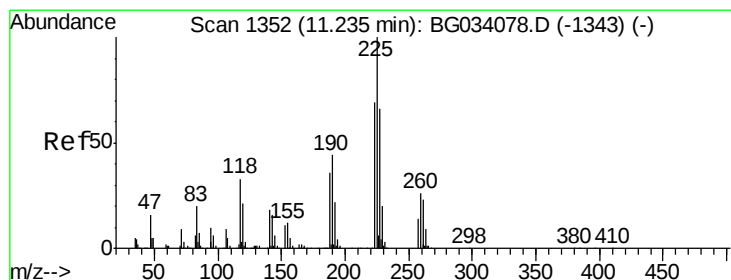
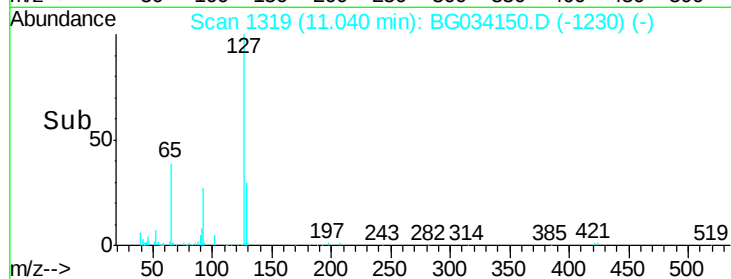
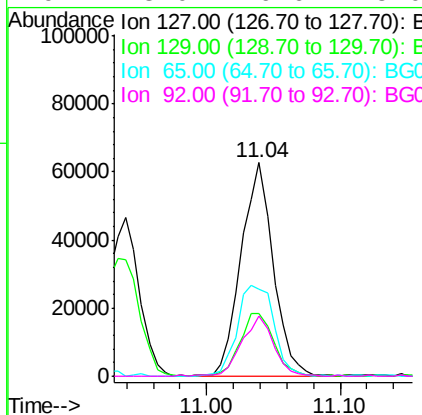
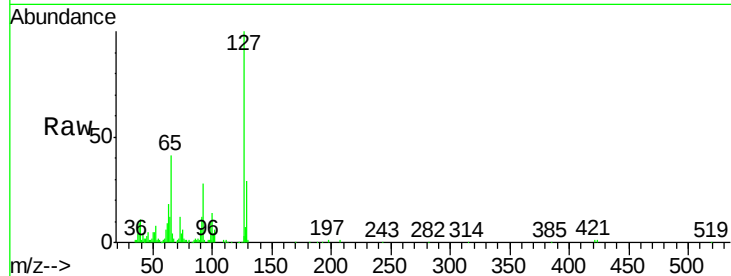
#33
4-Chloroaniline
Concen: 13.395 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.2	24.0	36.0
65	40.6	27.0	40.4
92	28.0	16.6	25.0

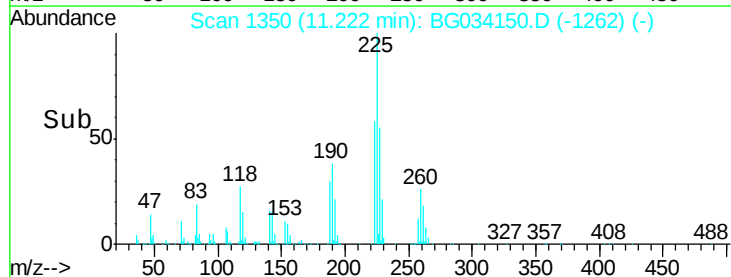
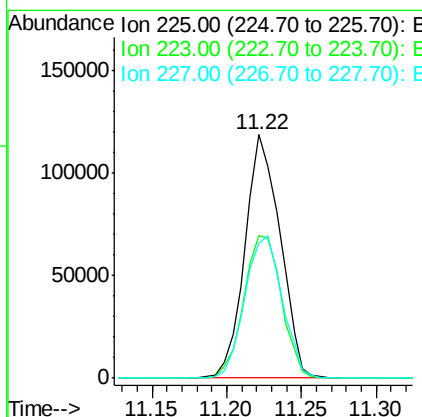
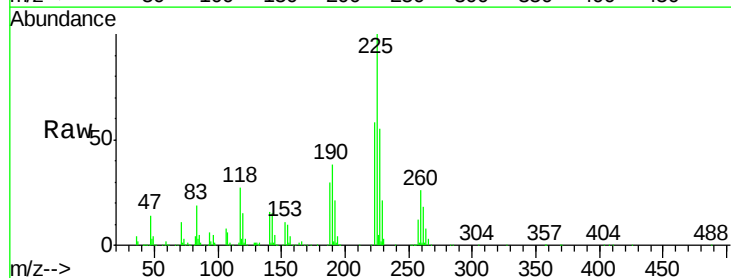
Manual Integrations
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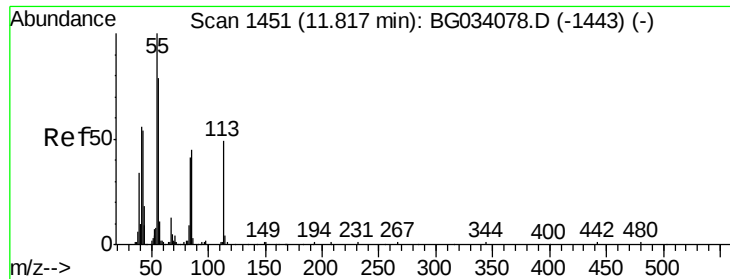
Sohil
5/3/2018 6:25:32 PM



#34
Hexachlorobutadiene
Concen: 31.474 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.5	49.7	74.5
227	55.4	48.1	72.1





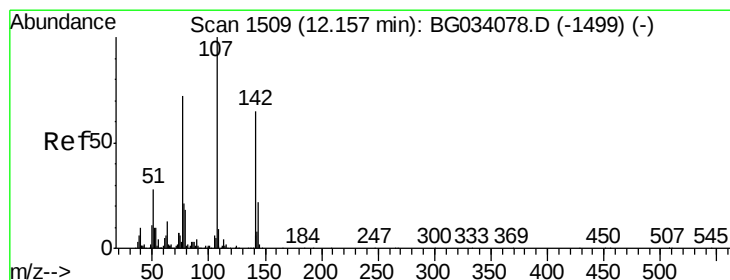
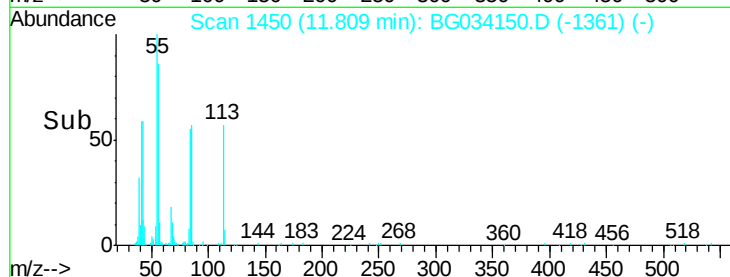
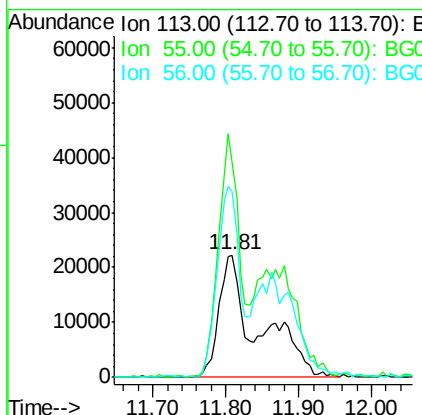
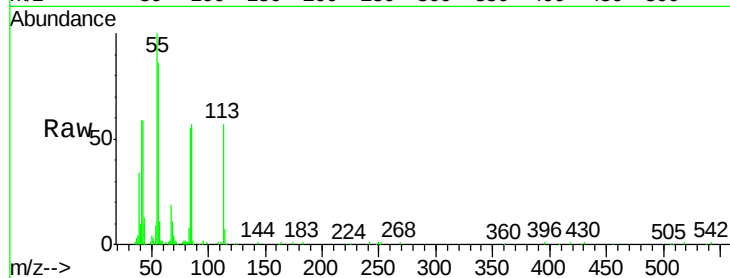
#35
Caprolactam
Concen: 38.593 ng/ml
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	176.3	186.9	226.9	
56	151.2	130.9	170.9	

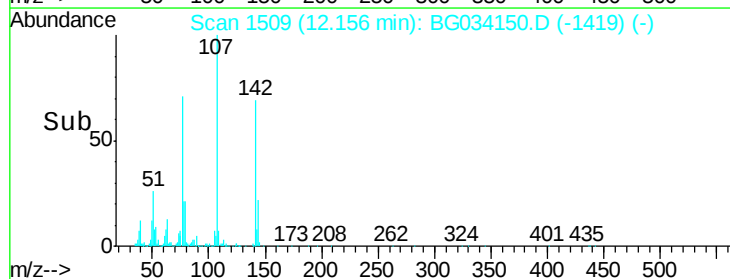
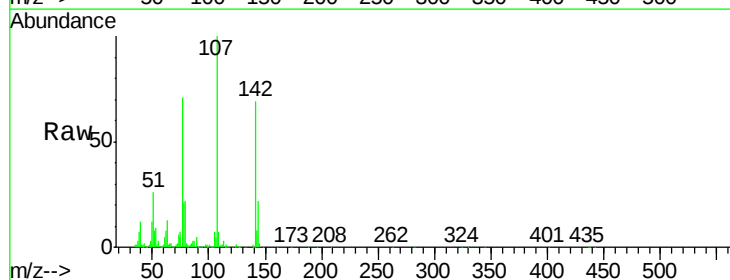
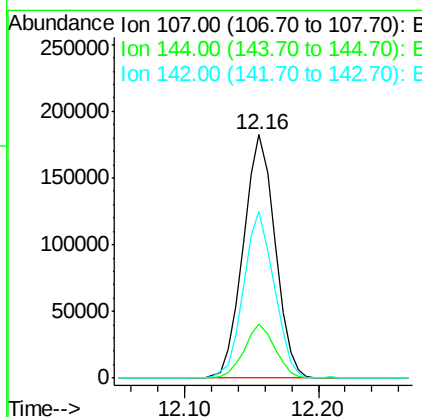
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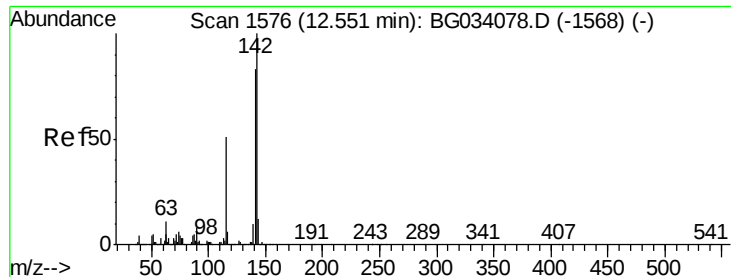
Sohil
5/3/2018 6:25:32 PM



#36
4-Chloro-3-methylphenol
Concen: 38.200 ng/ml
RT: 12.16 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.5	18.2	27.4	
142	68.6	59.0	88.4	





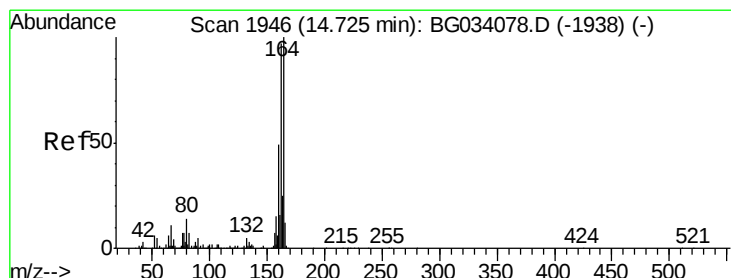
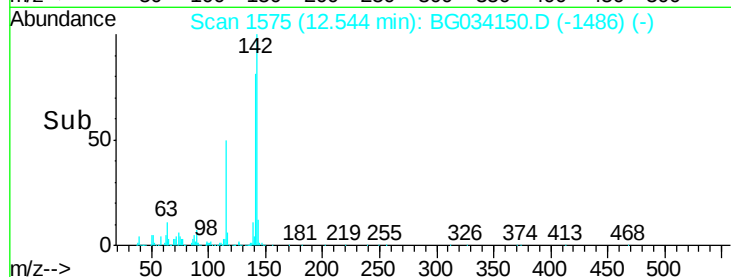
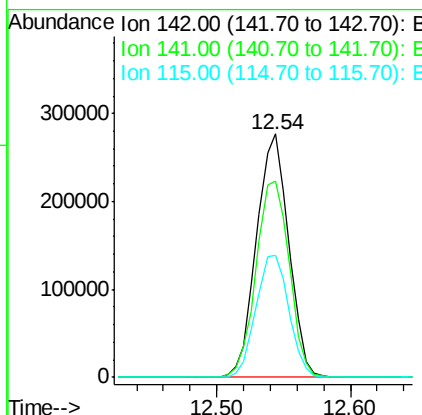
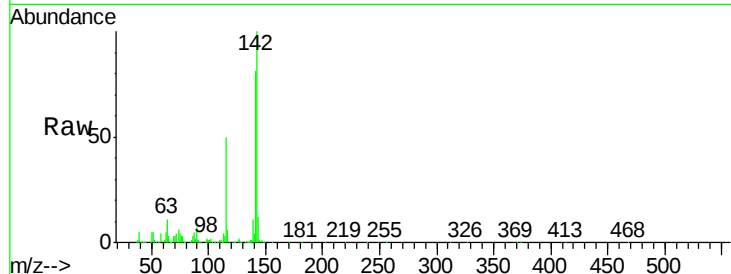
#37
 2-Methylnaphthalene
 Concen: 32.780 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	80.8	67.1	100.7
115	50.1	30.7	46.1

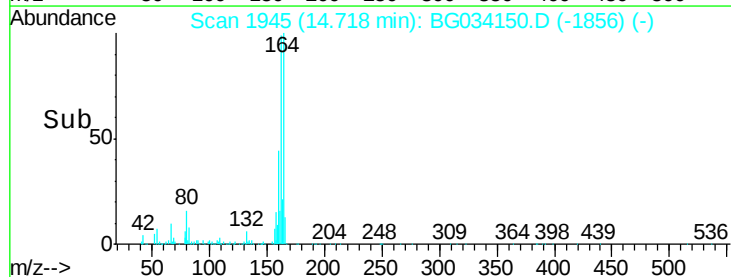
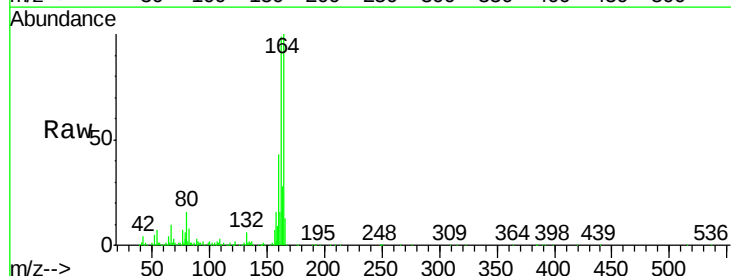
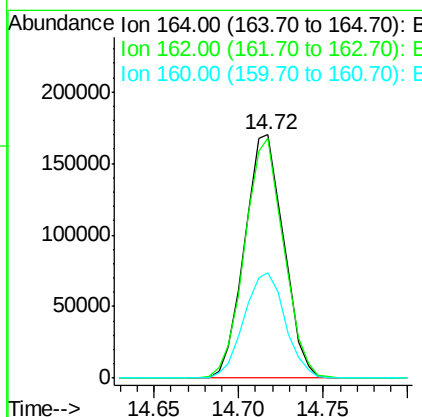
Manual Integrations
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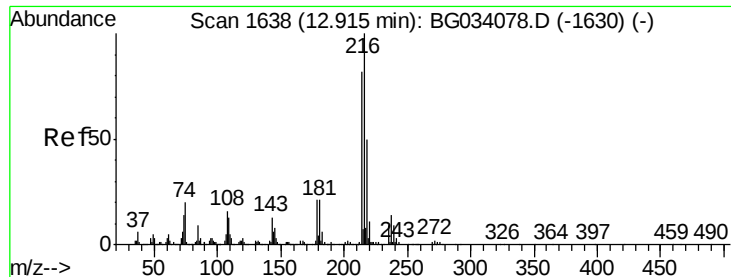
Sohil
 5/3/2018 6:25:32 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.8	118.2
160	43.3	35.4	53.0





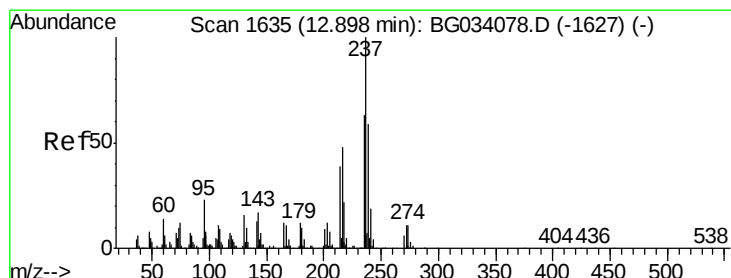
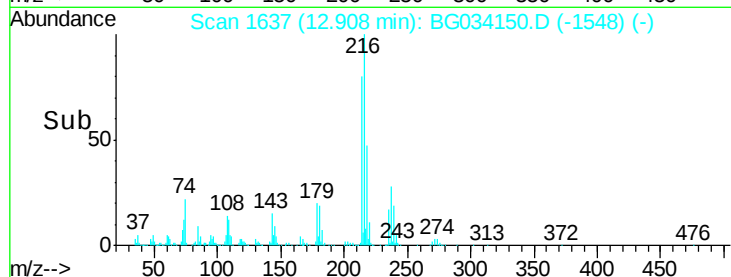
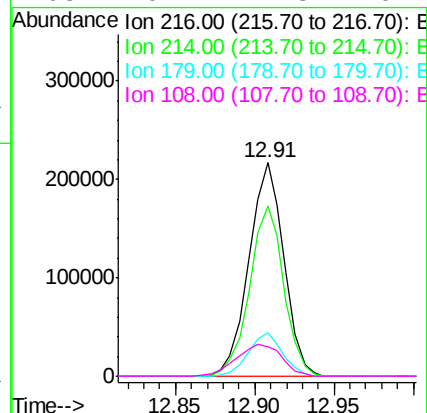
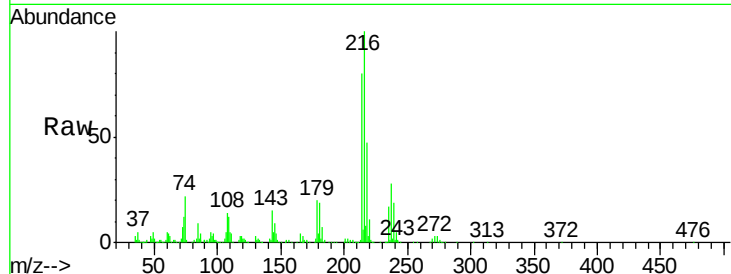
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.374 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	19.9	17.0	25.6
108	19.4	12.8	19.2

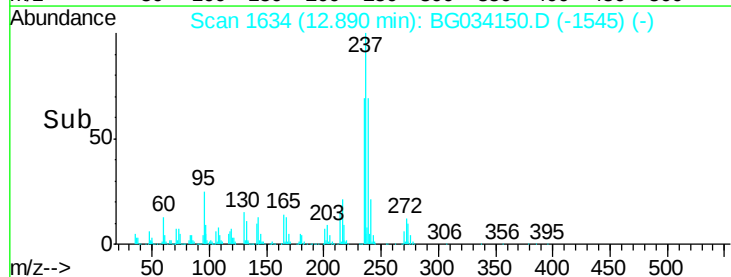
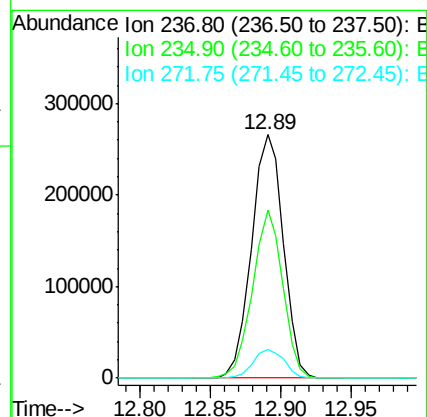
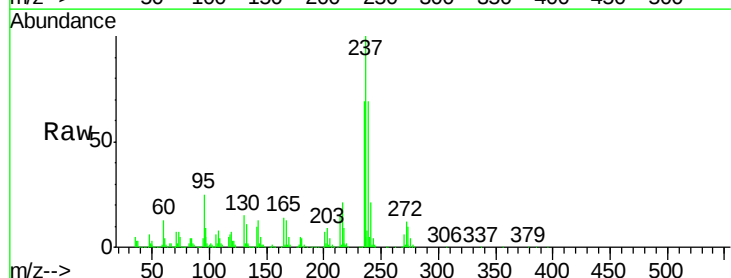
Manual Integrations
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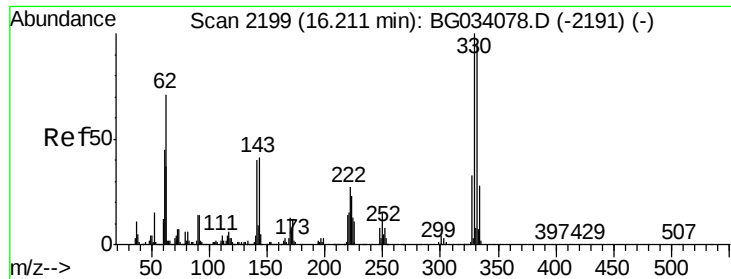
Sohil
 5/3/2018 6:25:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 67.266 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
237	100		
235	69.1	50.4	90.4
272	11.7	0.0	31.8





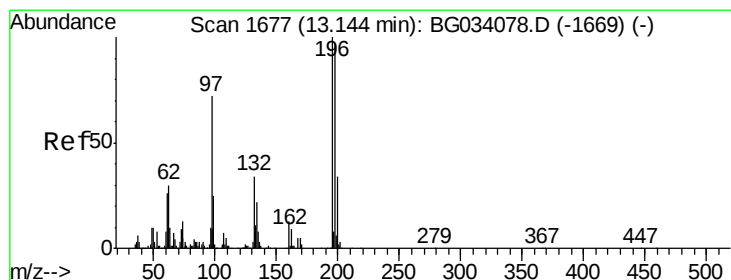
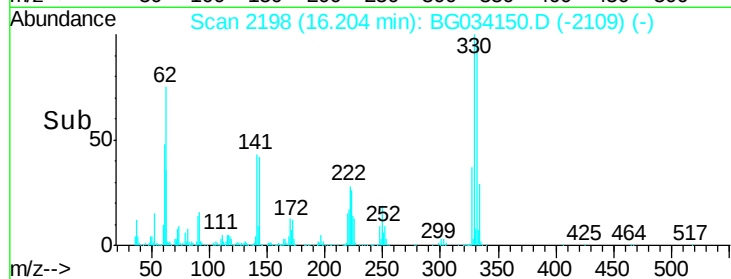
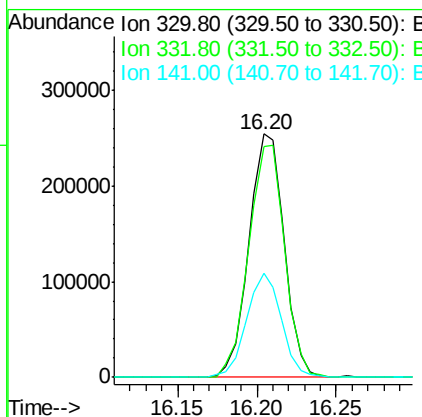
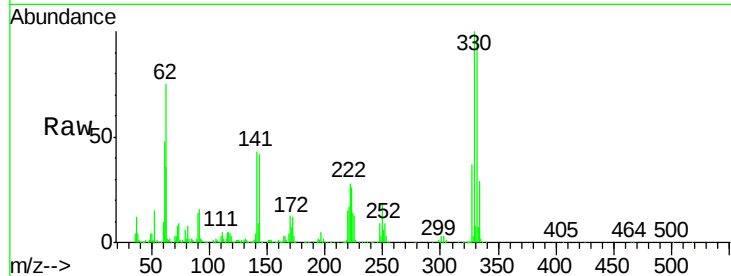
#41
 2,4,6-Tribromophenol
 Concen: 103.998 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	42.1	25.2	37.8

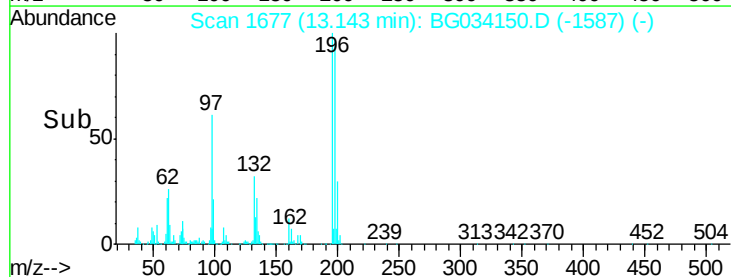
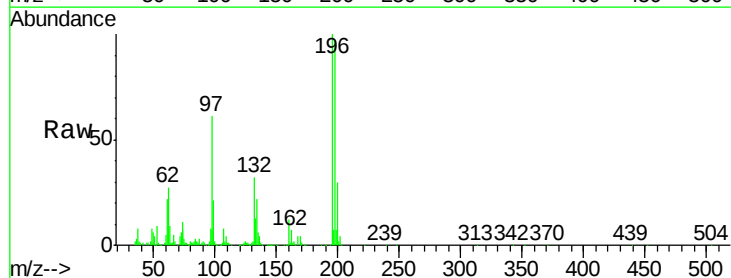
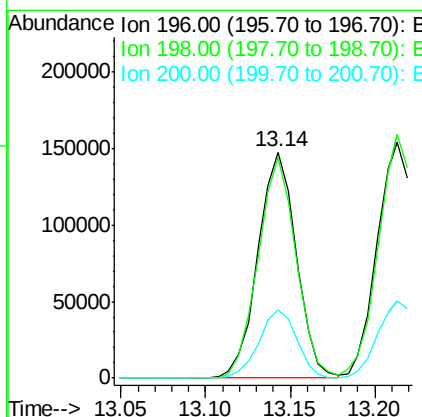
Manual Integrations
 APPROVED

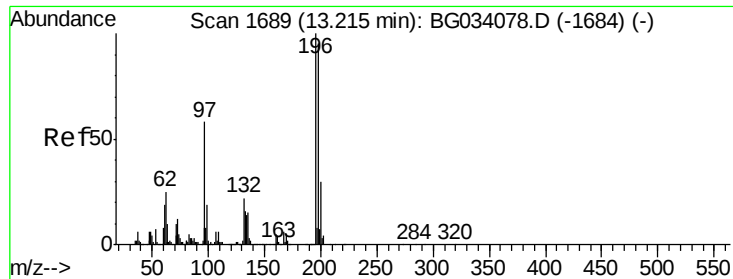
Sohil
 5/3/2018 6:25:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.674 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	78.2	117.2
200	30.0	24.6	36.8





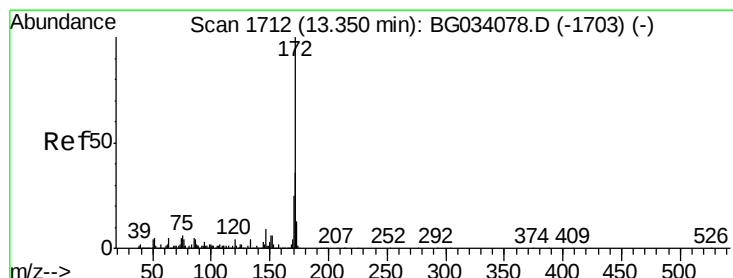
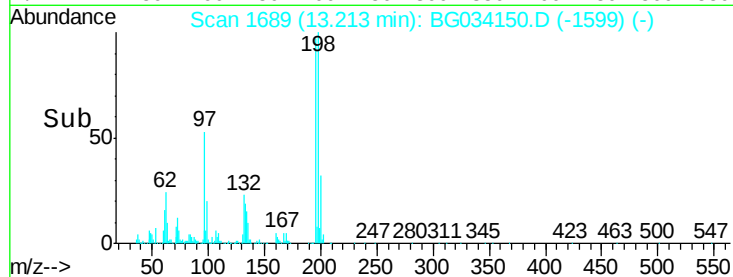
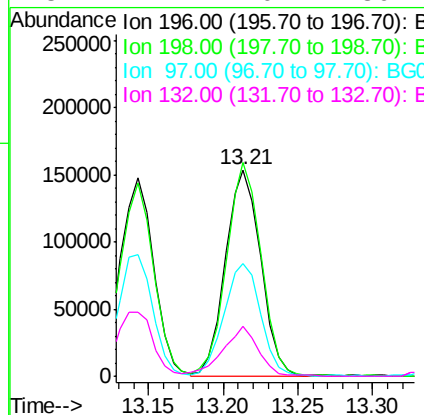
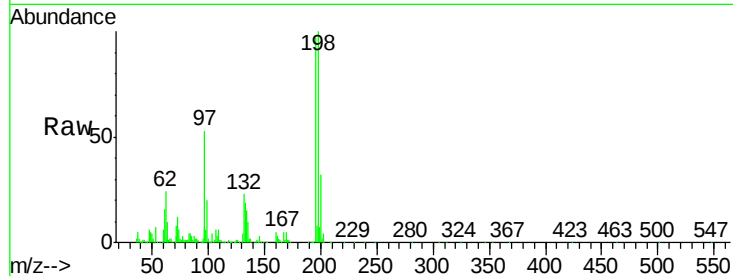
#43
 2,4,5-Trichlorophenol
 Concen: 37.373 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion:	196	Resp:	253438
Ion Ratio	Lower	Upper	
196	100		
198	103.4	76.2	114.4
97	54.4	38.7	58.1
132	24.2	20.2	30.2

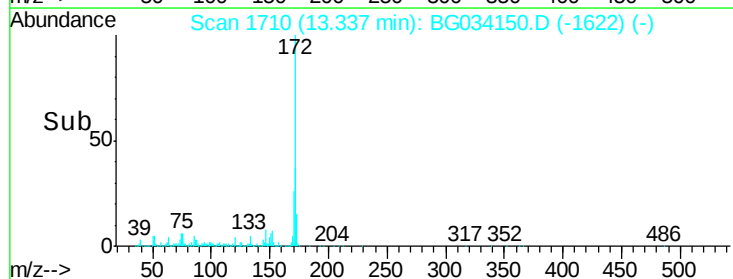
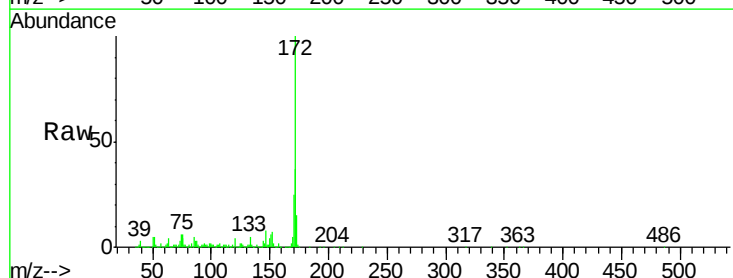
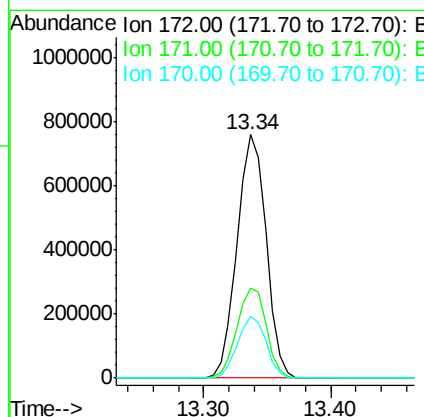
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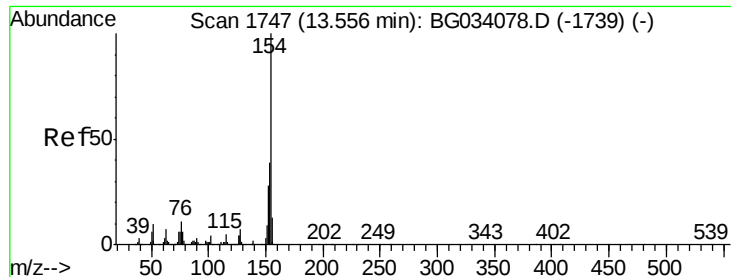
Sohil
 5/3/2018 6:25:32 PM



#44
 2-Fluorobiphenyl
 Concen: 64.281 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion:	172	Resp:	1203604
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.0	45.0
170	25.5	19.5	29.3





#45

1,1'-Biphenyl

Concen: 30.840 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

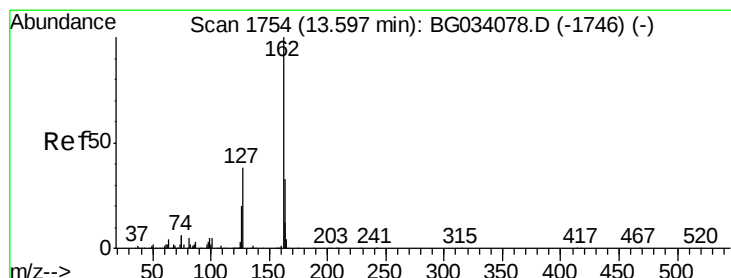
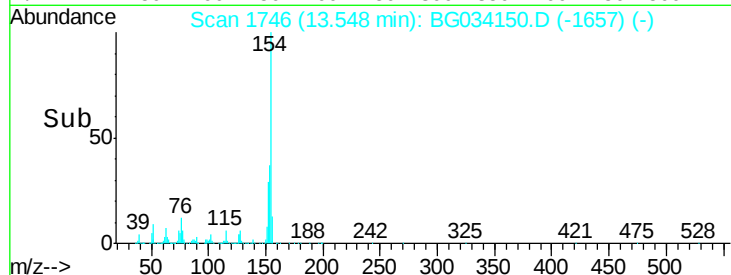
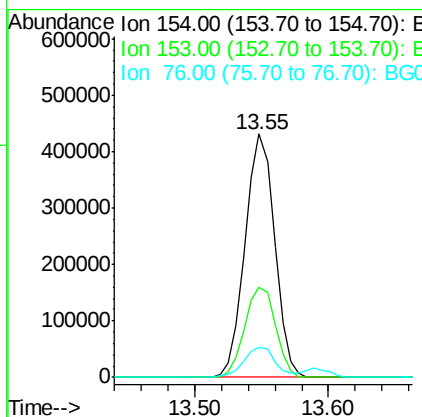
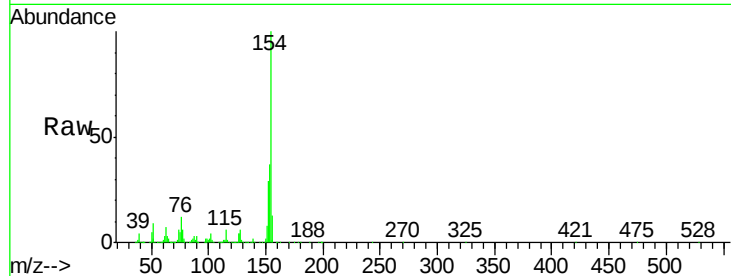
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	154	Resp:	657345
Ion Ratio	Lower	Upper	
154	100		
153	37.1	19.8	59.8
76	12.2	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 31.467 ng

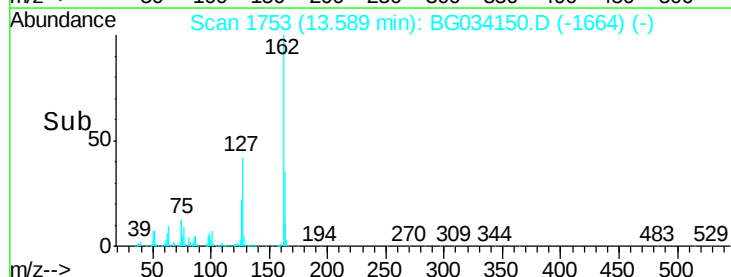
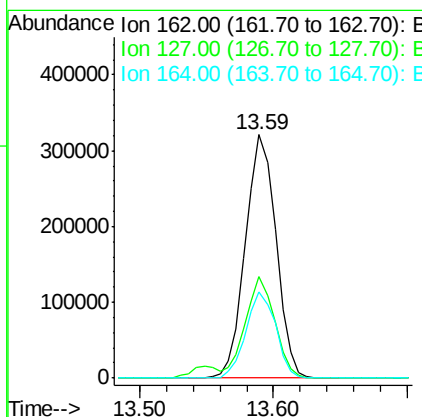
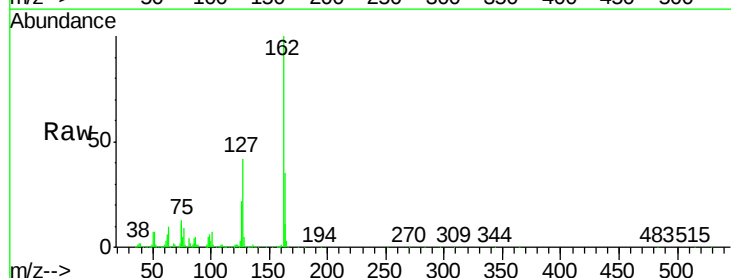
RT: 13.59 min Scan# 1753

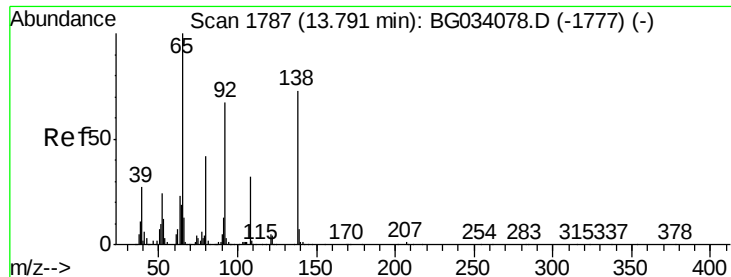
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	162	Resp:	507766
Ion Ratio	Lower	Upper	
162	100		
127	41.5	30.7	46.1
164	35.2	26.0	39.0





#47

2-Nitroaniline

Concen: 36.497 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

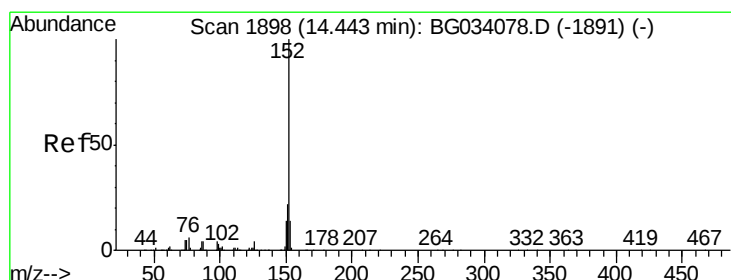
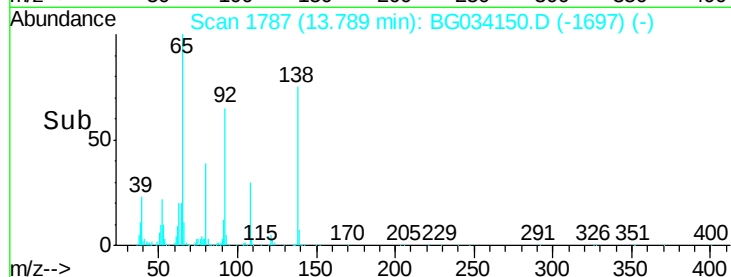
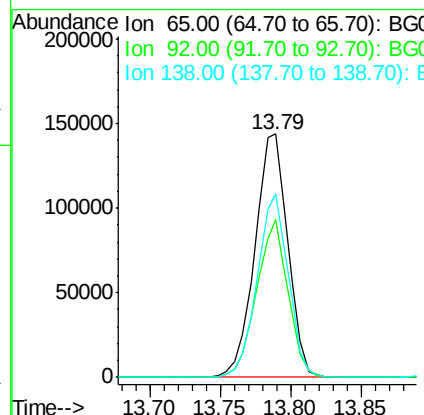
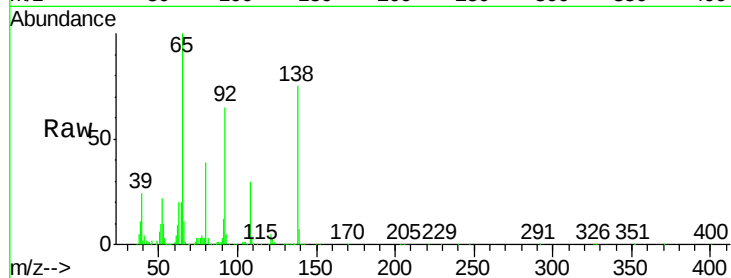
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	65	Resp:	235464
Ion Ratio	Lower	Upper	
65	100		
92	64.9	54.6	82.0
138	75.1	72.9	109.3

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#48

Acenaphthylene

Concen: 30.644 ng

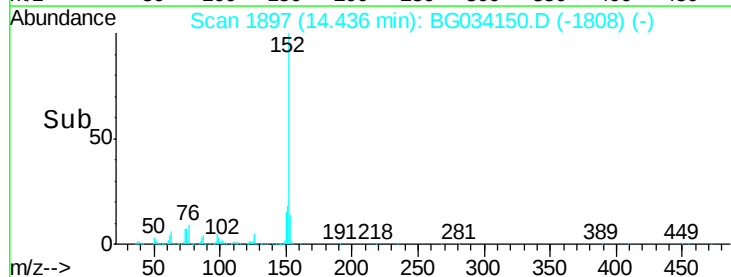
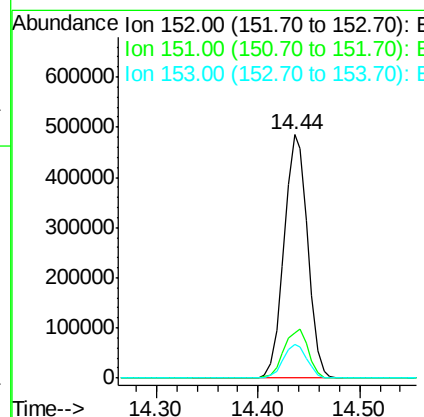
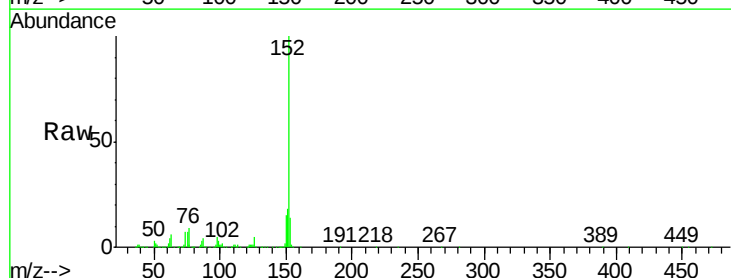
RT: 14.44 min Scan# 1897

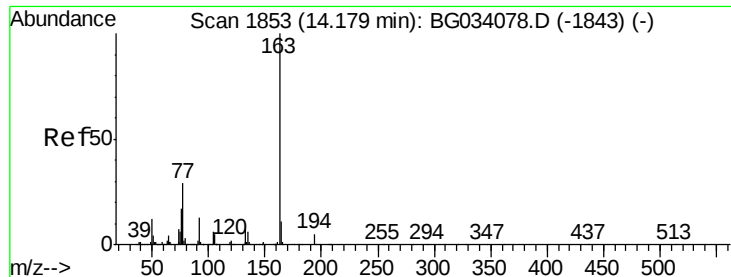
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	152	Resp:	789508
Ion Ratio	Lower	Upper	
152	100		
151	18.4	17.2	25.8
153	13.8	10.2	15.4





#49

Dimethylphthalate

Concen: 37.421 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

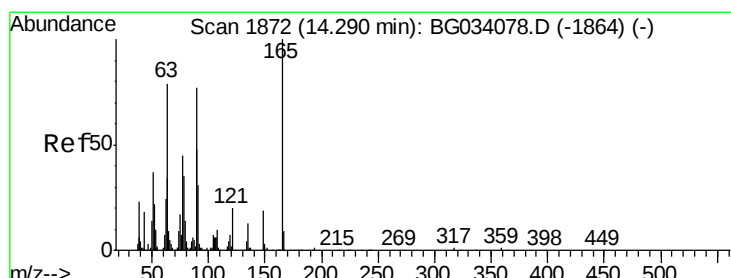
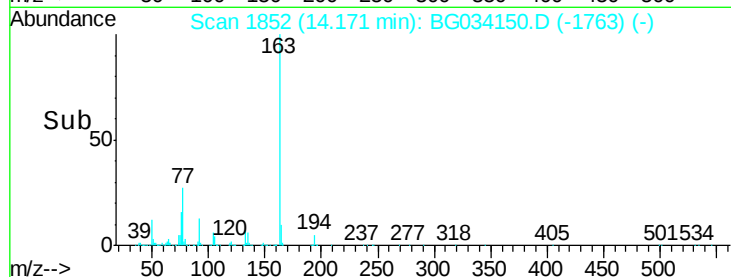
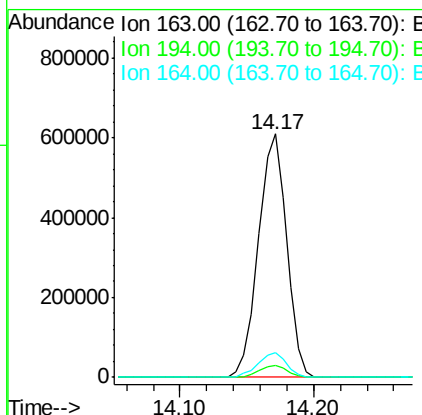
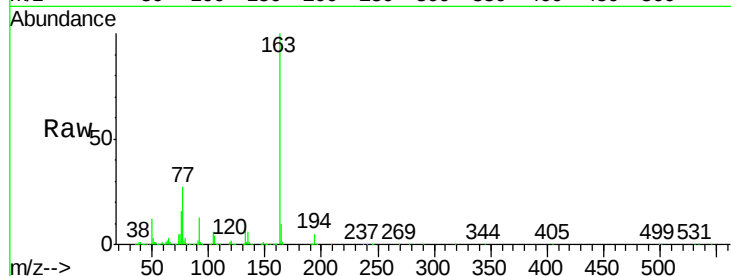
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	163	Resp:	885338
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	10.1	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 36.614 ng

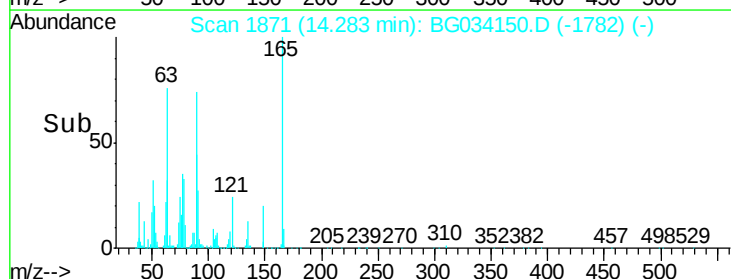
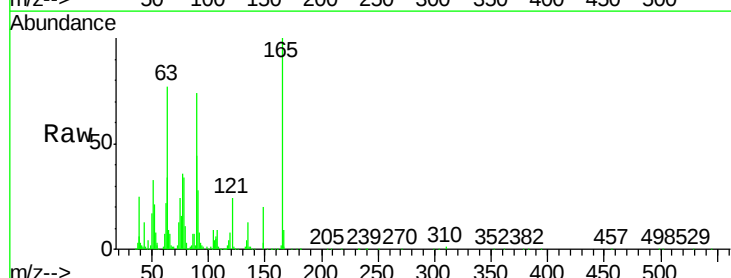
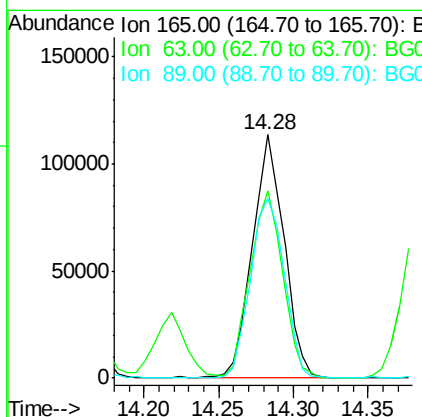
RT: 14.28 min Scan# 1871

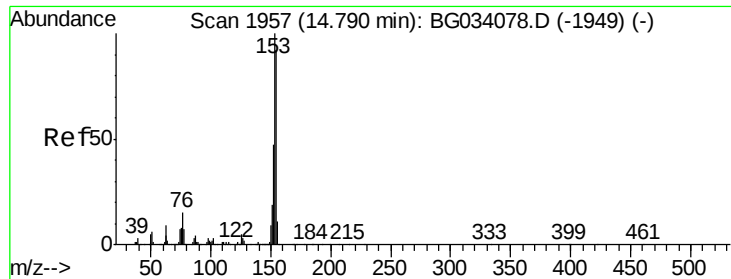
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	165	Resp:	166369
Ion Ratio	Lower	Upper	
165	100		
63	76.9	52.7	79.1
89	73.5	49.2	73.8





#51

Acenaphthene

Concen: 33.215 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

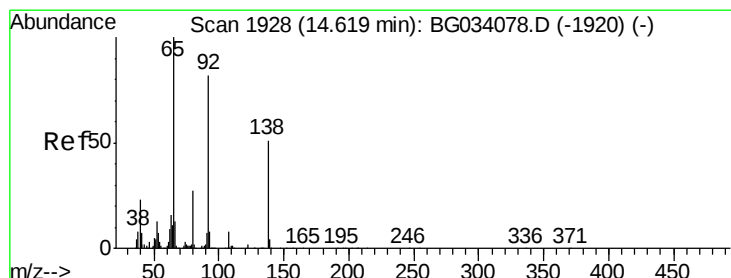
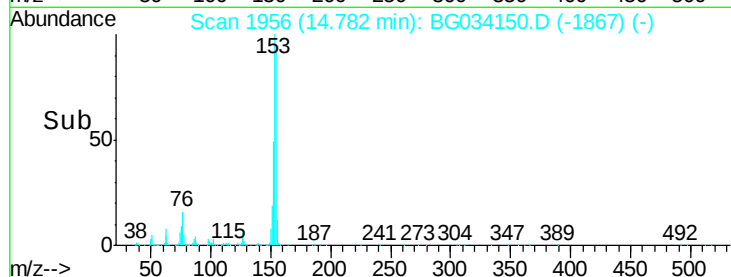
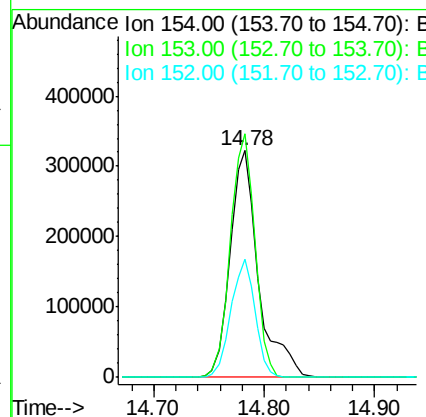
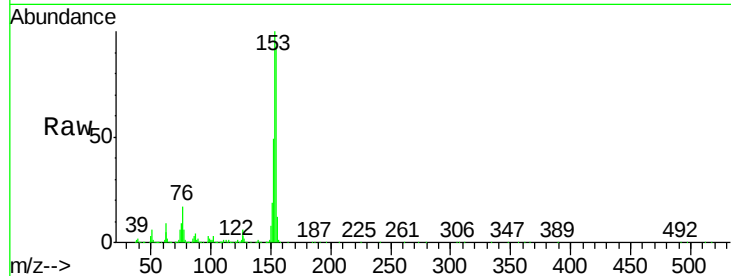
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	154	Resp:	581592
Ion Ratio	Lower	Upper	
154	100		
153	107.4	90.4	135.6
152	52.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 21.435 ng

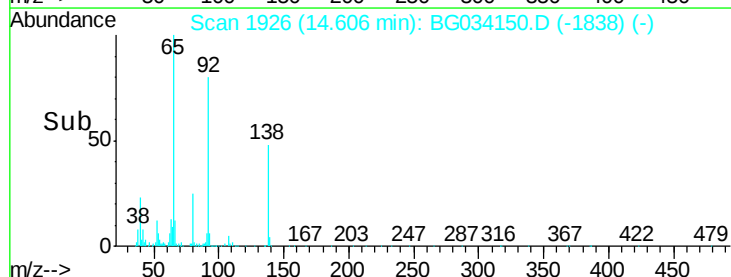
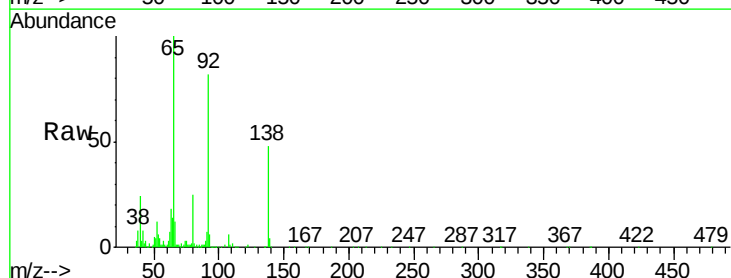
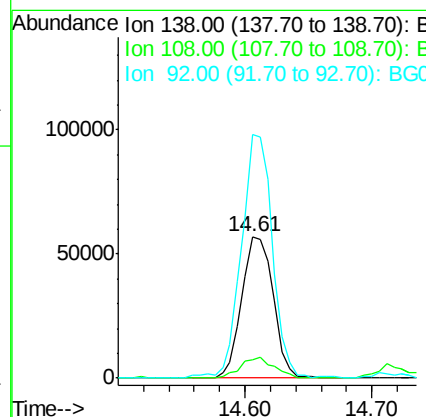
RT: 14.61 min Scan# 1926

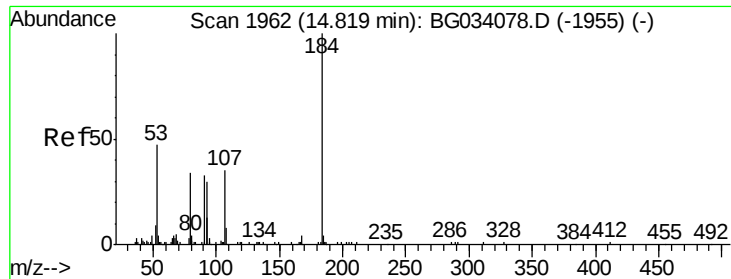
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	138	Resp:	98170
Ion Ratio	Lower	Upper	
138	100		
108	13.2	17.5	26.3#
92	172.4	105.8	158.8#





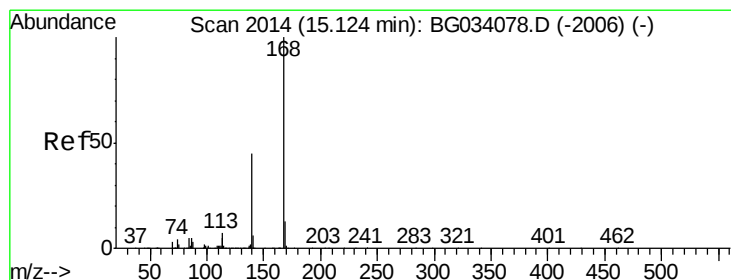
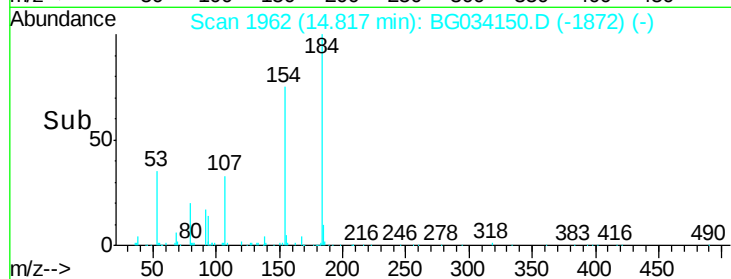
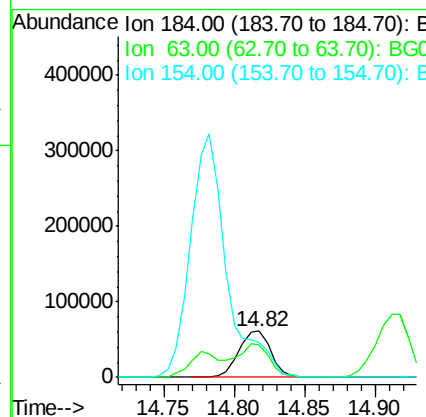
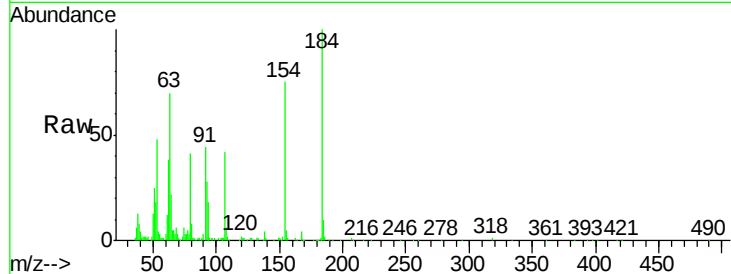
#53
2,4-Dinitrophenol
Concen: 54.587 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.3	59.8	89.8
154	75.5	101.8	152.8#

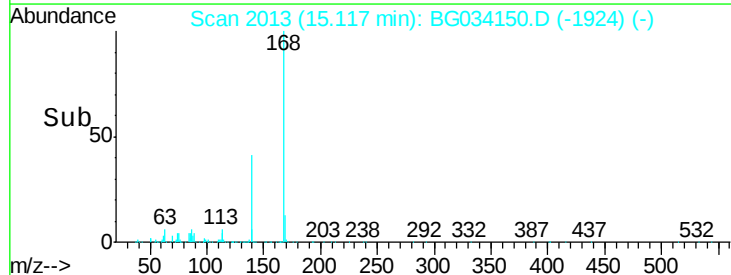
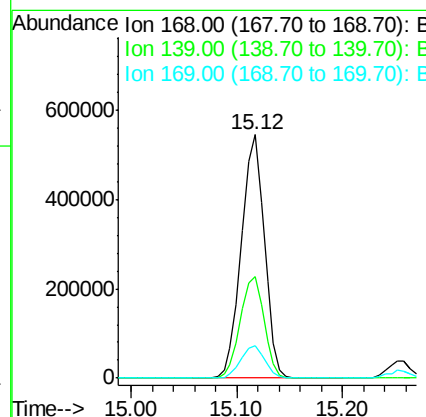
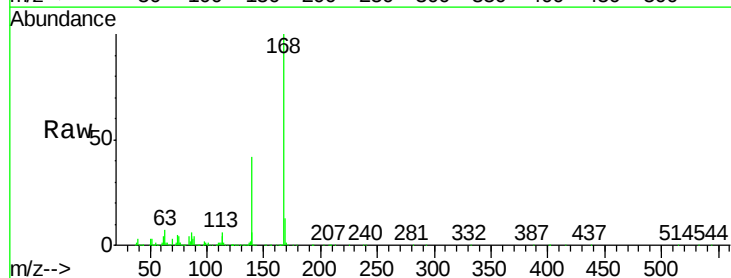
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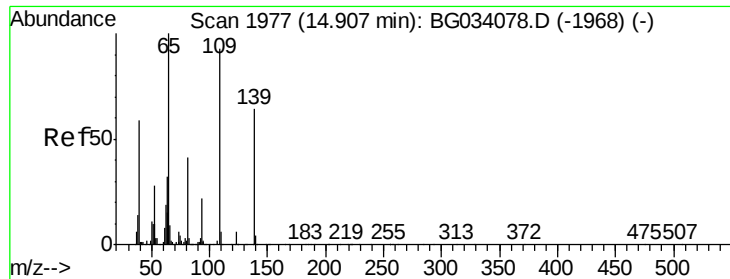
Sohil
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#54
Dibenzofuran
Concen: 32.336 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	28.6	43.0
169	13.3	11.2	16.8





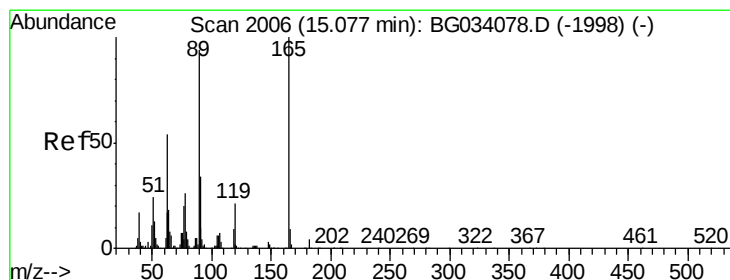
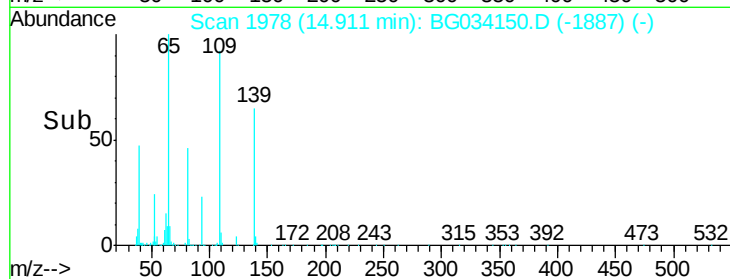
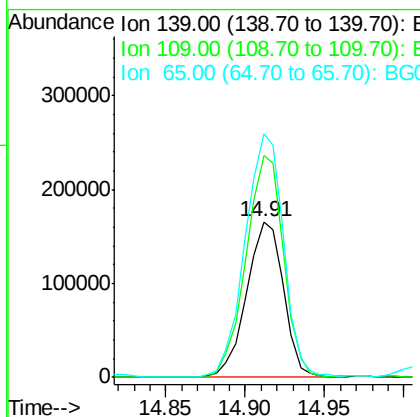
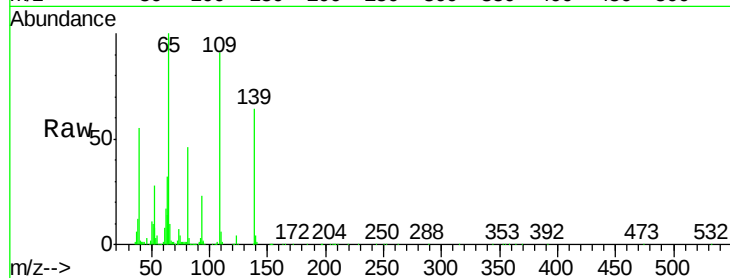
#55
4-Nitrophenol
Concen: 76.687 ng
RT: 14.91 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	142.6	62.2	102.2#	
65	156.5	97.2	137.2#	

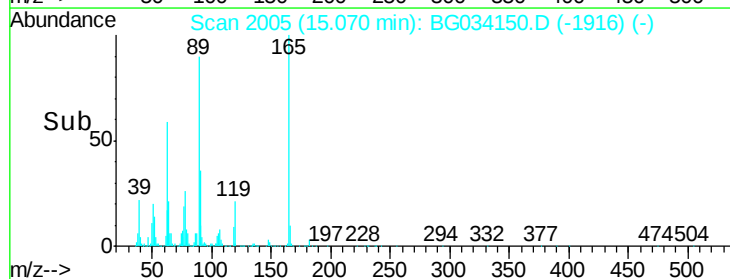
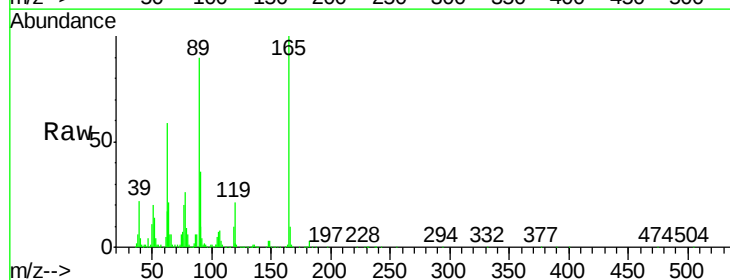
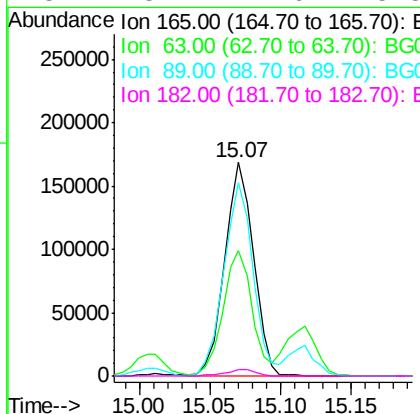
Manual Integrations
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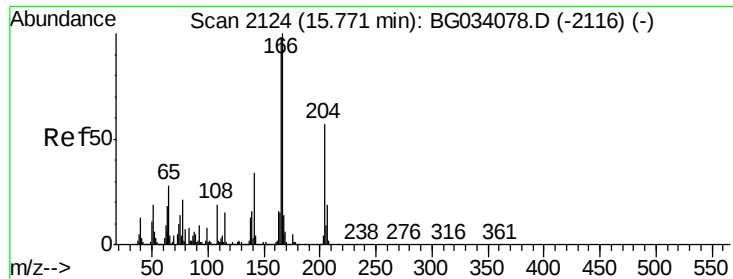
Sohil
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#56
2,4-Dinitrotoluene
Concen: 38.716 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.0	42.0	63.0	
89	90.4	66.9	100.3	
182	3.1	2.6	3.8	





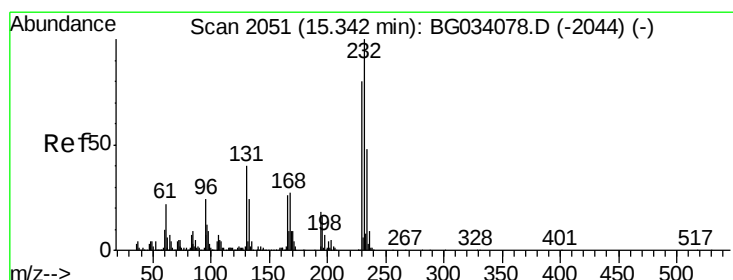
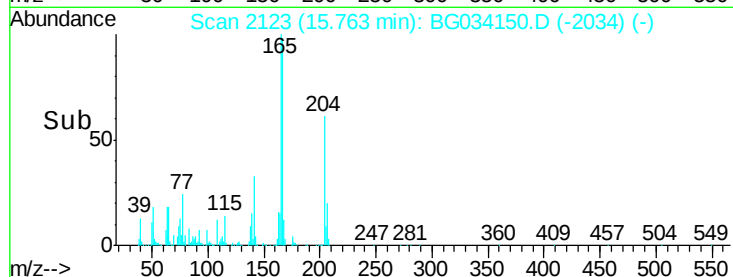
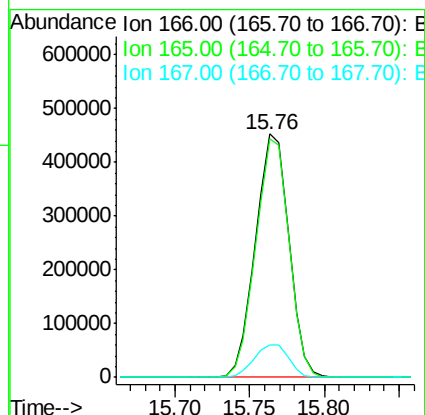
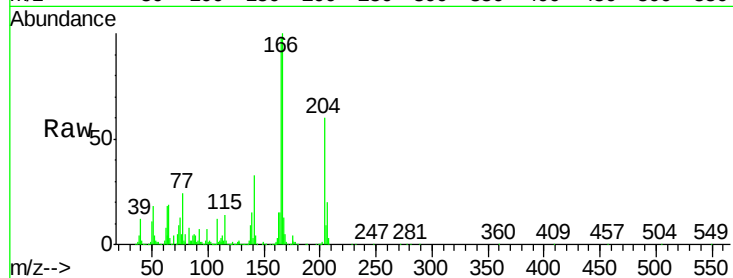
#57
Fluorene
 Concen: 31.546 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.6	121.0
167	13.2	10.4	15.6

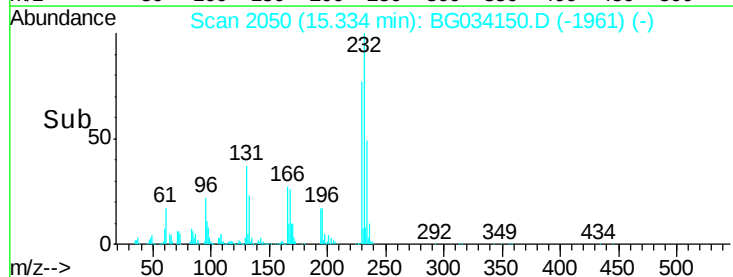
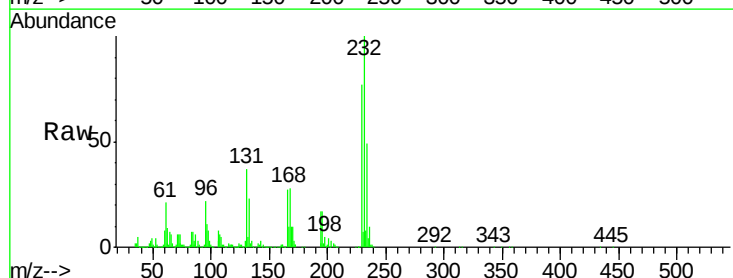
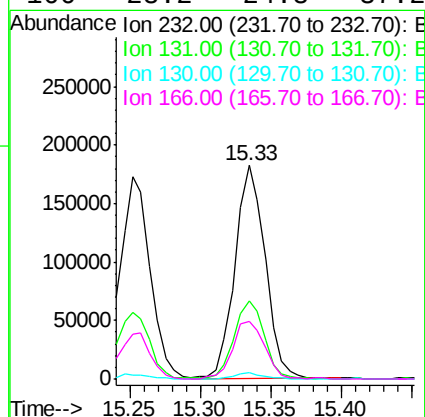
Manual Integrations
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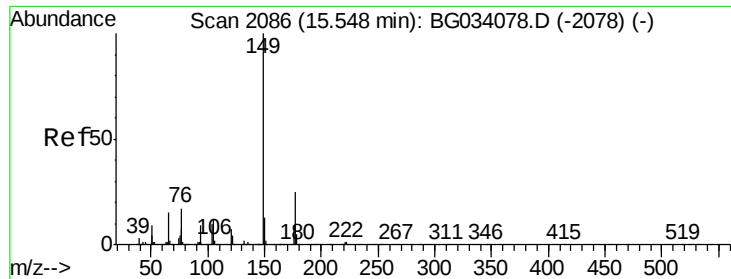
Sohil
 5/3/2018 6:25:32 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.694 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.3	33.5	50.3
130	2.8	2.2	3.2
166	28.2	24.8	37.2





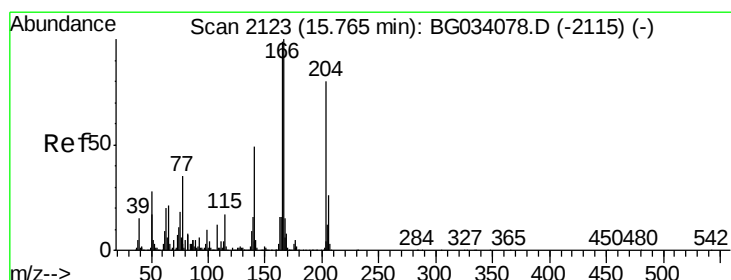
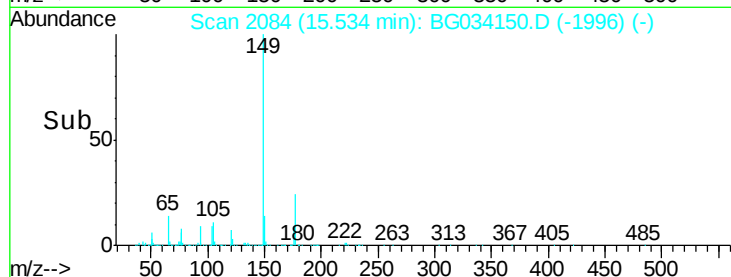
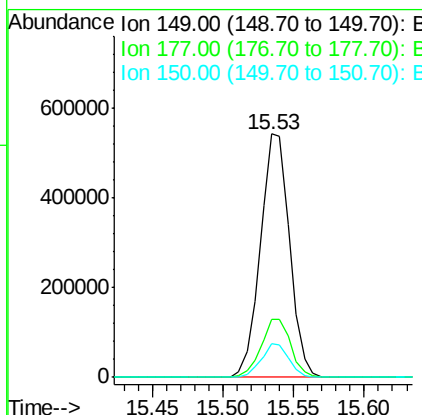
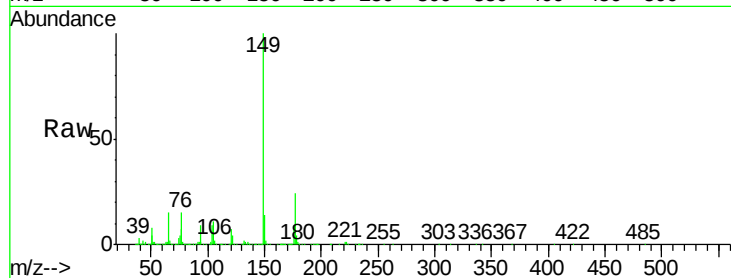
#59
Diethylphthalate
Concen: 31.604 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	14.1	10.2	15.2

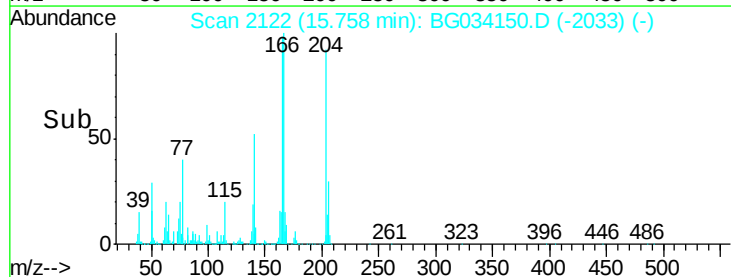
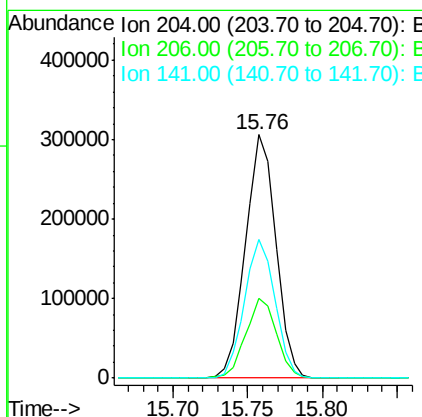
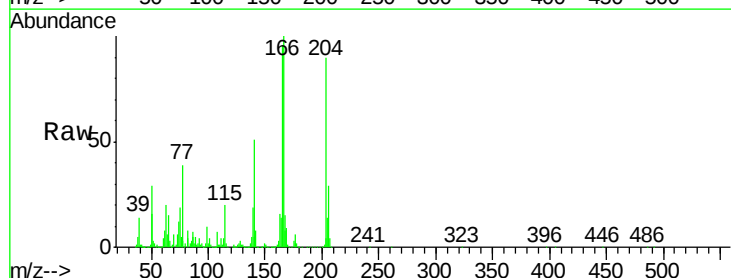
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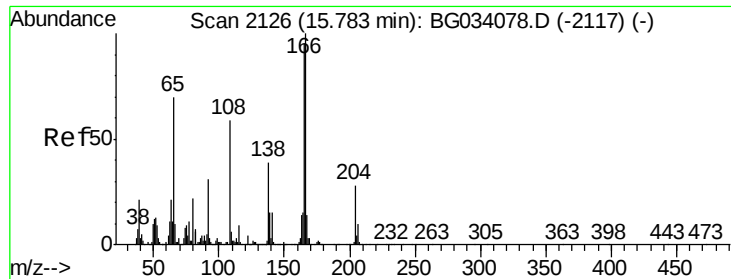
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 32.688 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	56.8	45.8	68.6





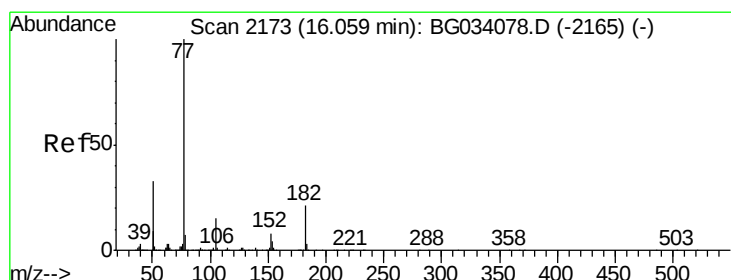
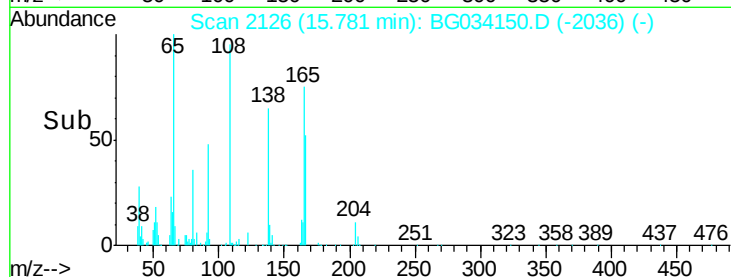
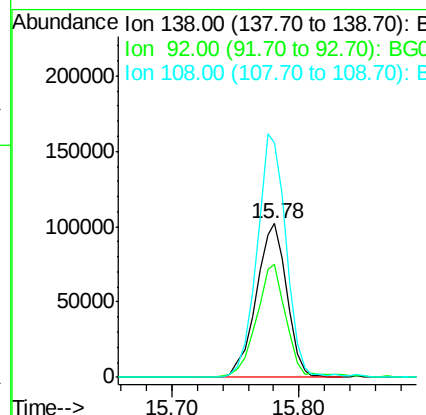
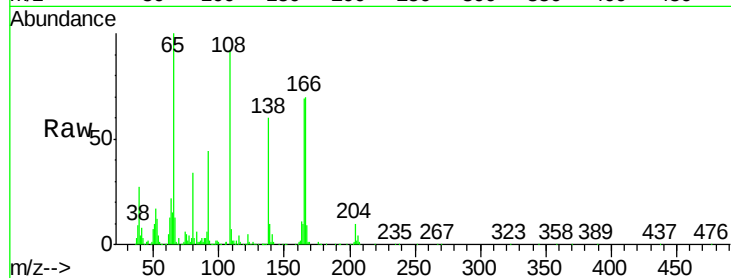
#61
4-Nitroaniline
Concen: 35.317 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	73.4	40.1	80.1
108	152.9	65.4	105.4

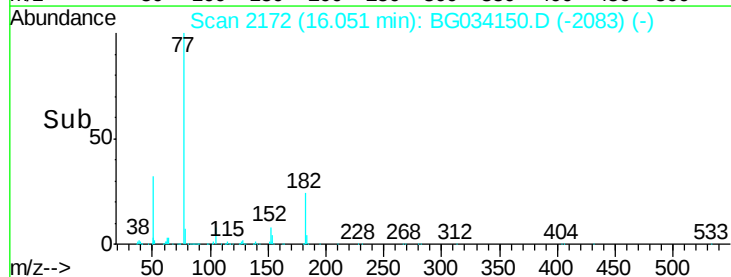
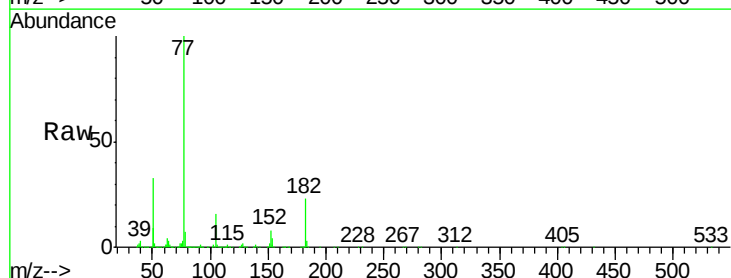
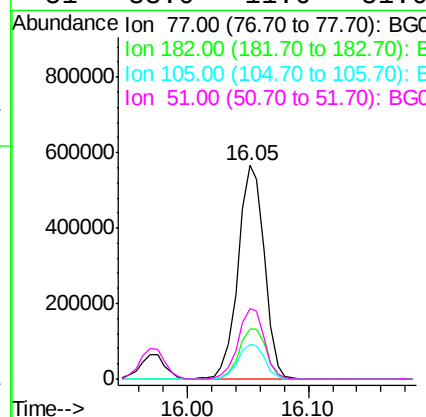
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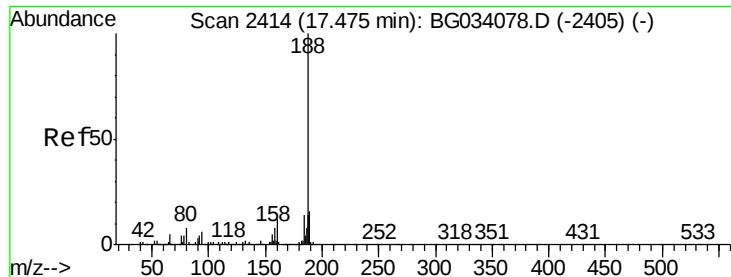
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#62
Azobenzene
Concen: 31.604 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	7.4	47.4
105	16.2	0.3	40.3
51	33.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

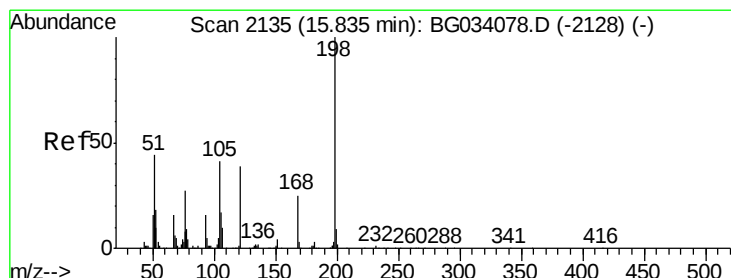
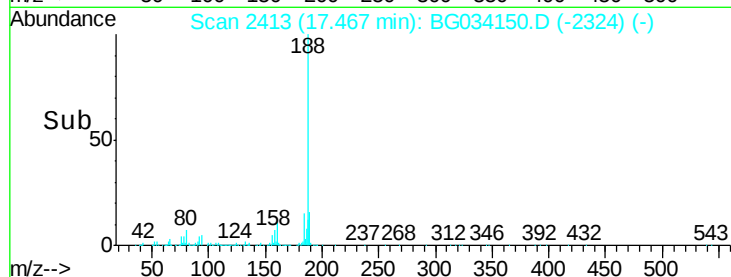
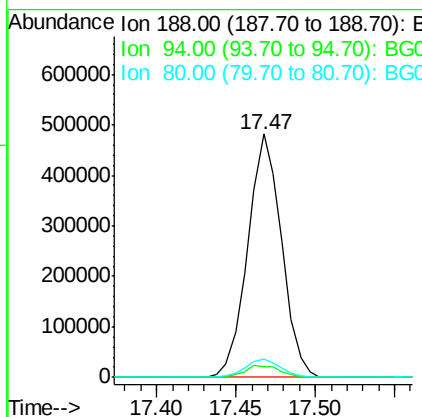
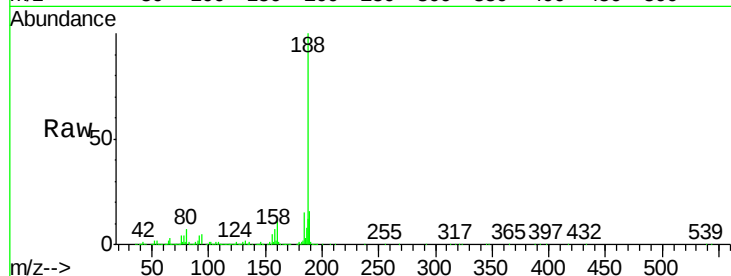
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	188	Resp:	713018
Ion Ratio	Lower	Upper	
188	100		
94	4.6	6.9	10.3#
80	7.5	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.315 ng

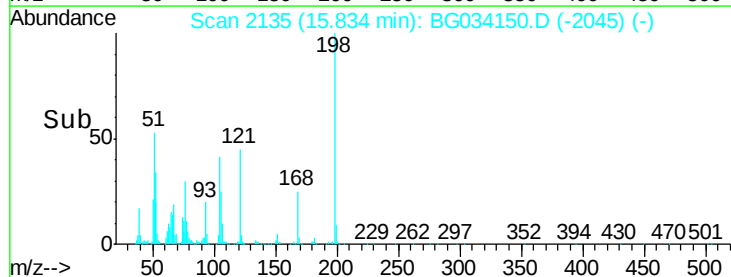
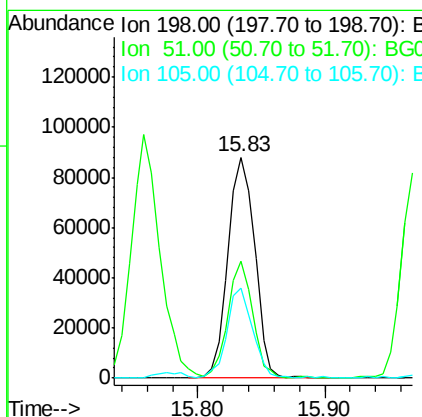
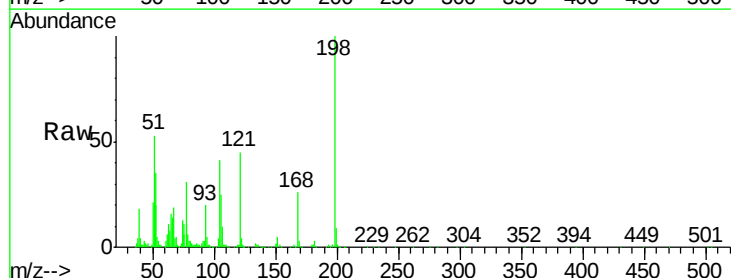
RT: 15.83 min Scan# 2135

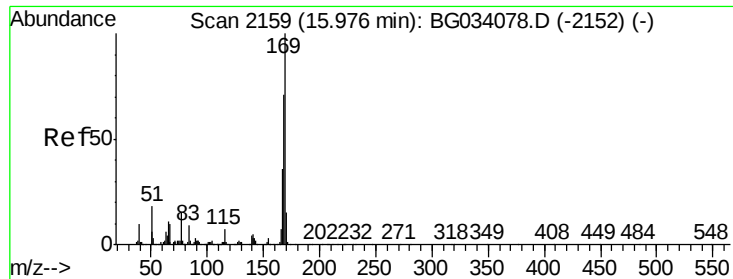
Delta R.T. -0.00 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	198	Resp:	128449
Ion Ratio	Lower	Upper	
198	100		
51	53.2	30.6	70.6
105	40.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 33.100 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

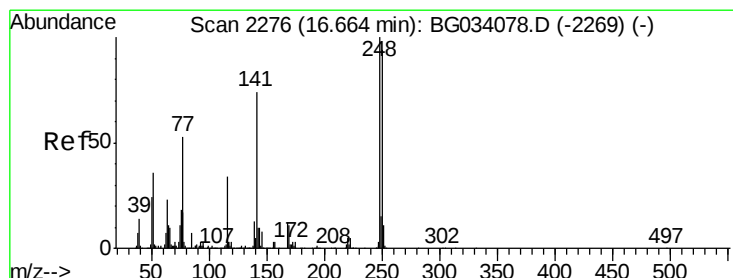
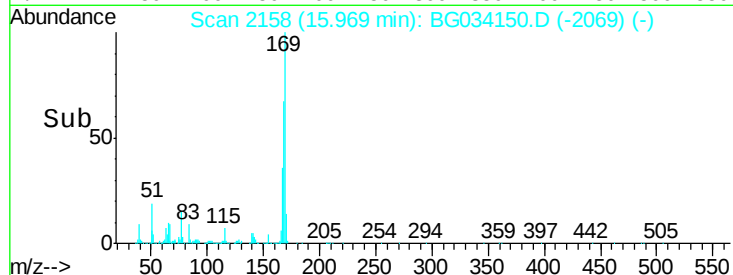
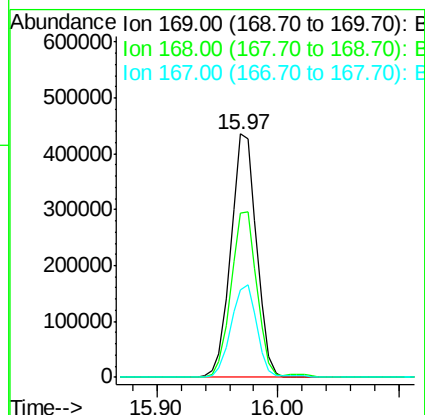
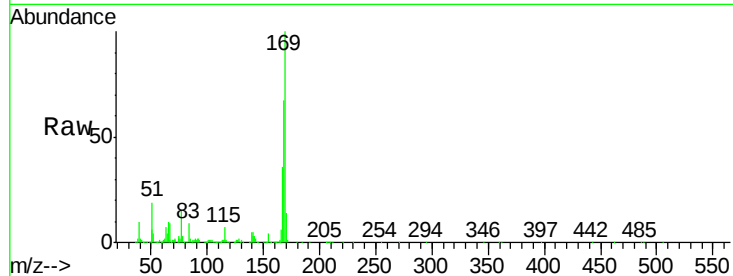
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	169	Resp:	643534
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.7	83.5
167	35.8	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 33.001 ng

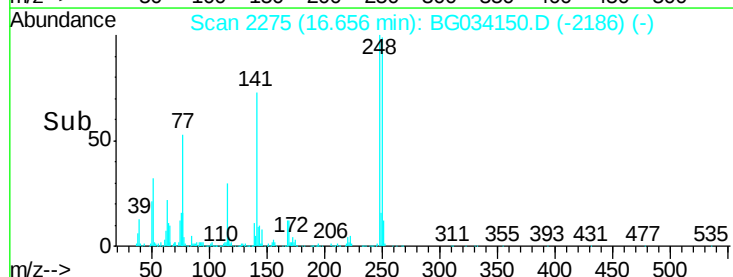
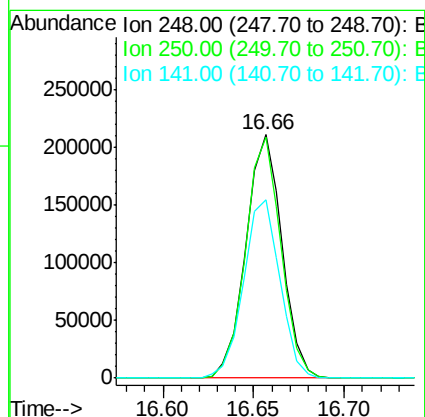
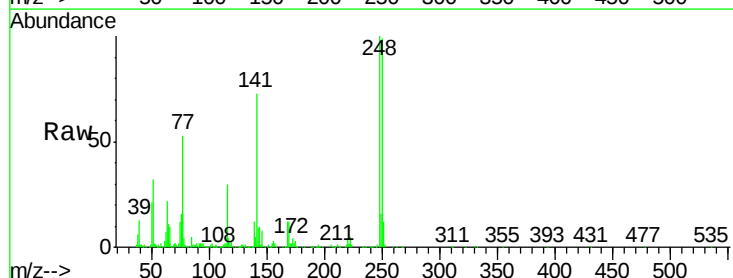
RT: 16.66 min Scan# 2275

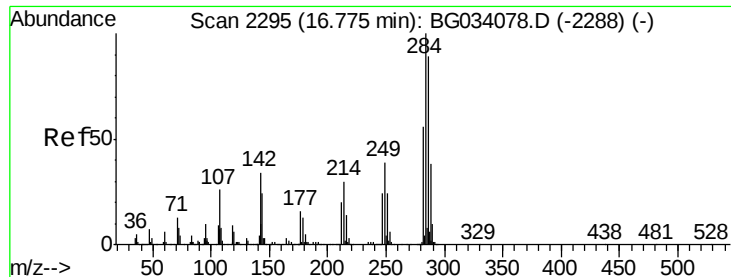
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	248	Resp:	292149
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.1	115.7
141	73.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 31.731 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

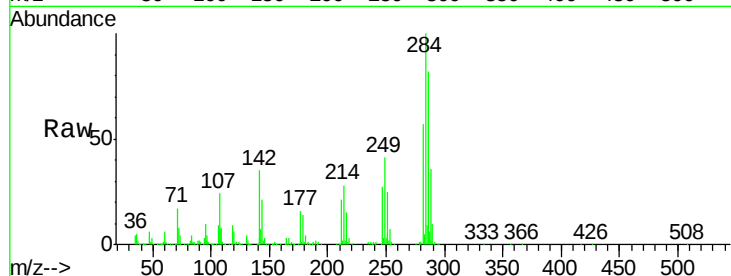
ClientSampleId :

EPE-F-4A(40-42)MS

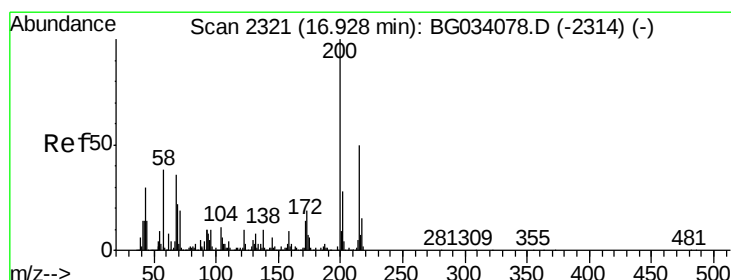
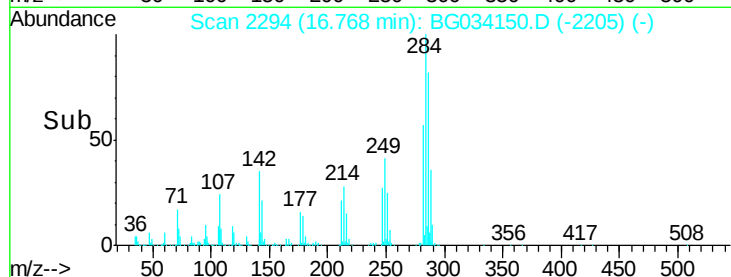
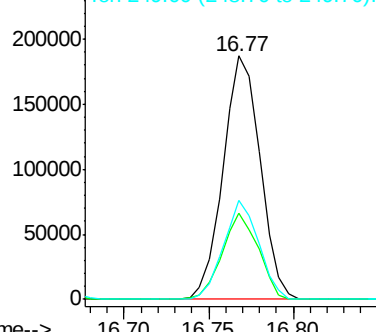
Tot Ion:	284	Resp:	285145
Ion Ratio		Lower	Upper
284	100		
142	35.5	26.8	40.2
249	40.9	26.3	39.5#

Manual Integrations
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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: 34.727 ng

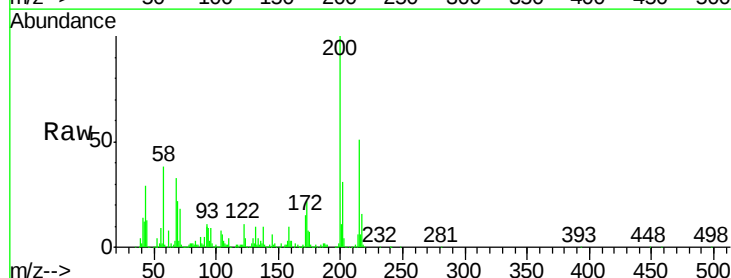
RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

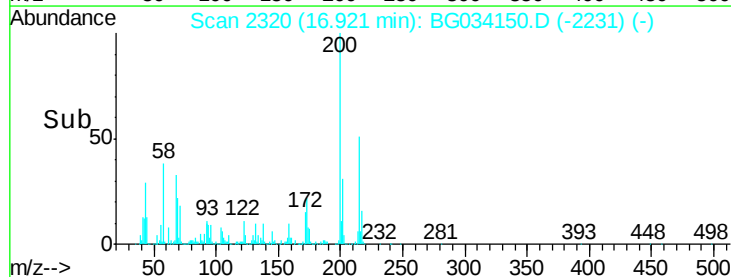
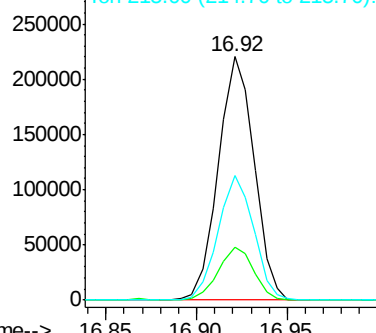
Lab File: BG034150.D

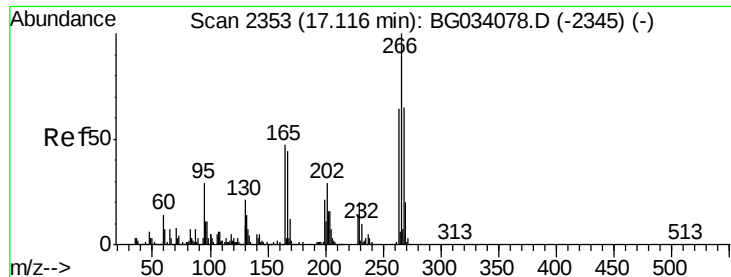
Acq: 3 May 2018 13:58

Tgt Ion:	200	Resp:	303289
Ion Ratio		Lower	Upper
200	100		
173	21.7	5.2	45.2
215	51.2	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





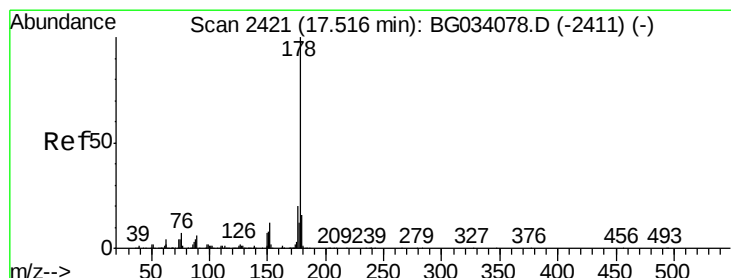
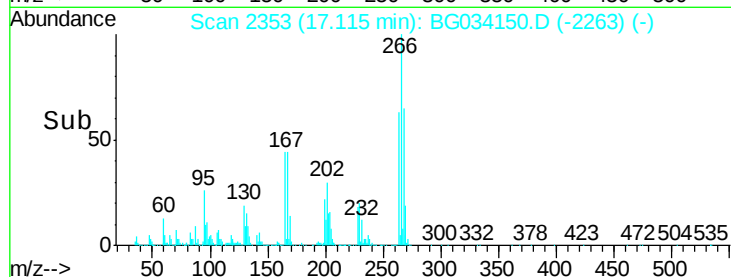
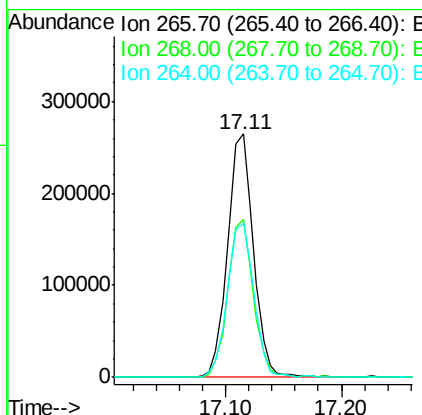
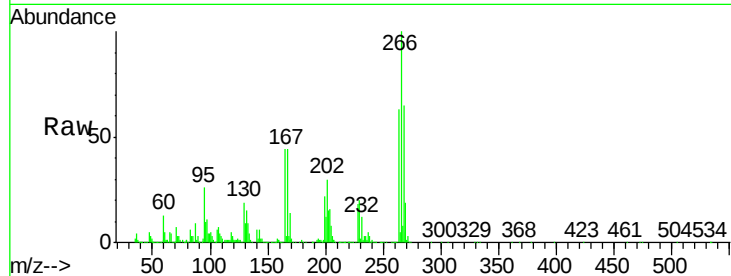
#69
 Pentachlorophenol
 Concen: 65.477 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.00 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	63.1	49.6	74.4

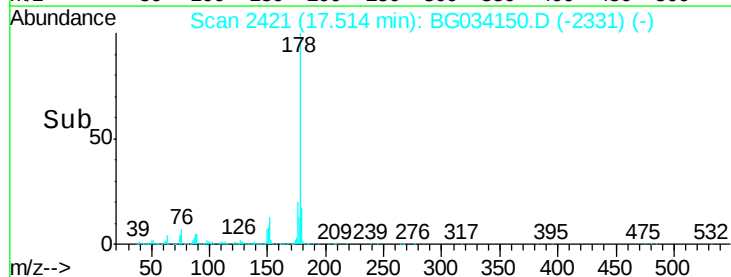
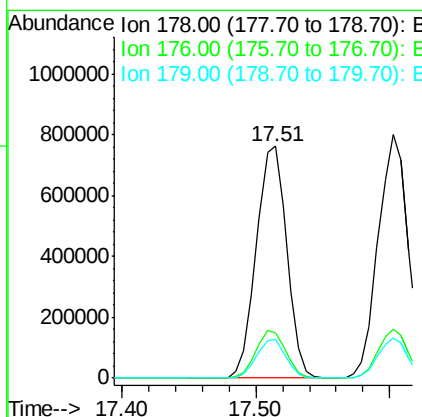
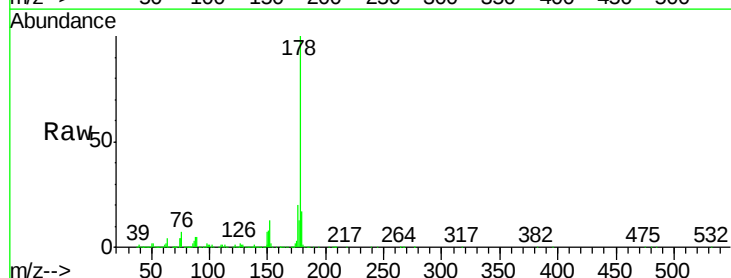
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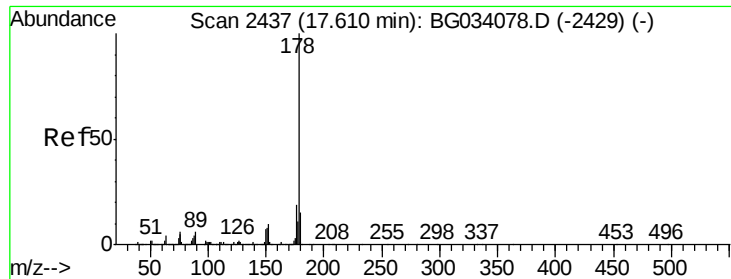
Sohil
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#70
 Phenanthrene
 Concen: 32.710 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.8	12.5	18.7





#71

Anthracene

Concen: 33.140 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:178 Resp: 1230546

Ion Ratio Lower Upper

178 100

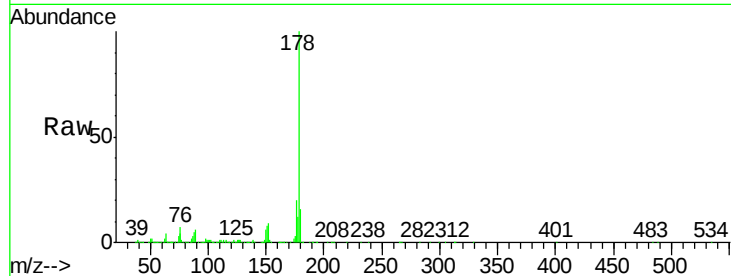
176 20.1 16.0 24.0

179 16.2 12.5 18.7

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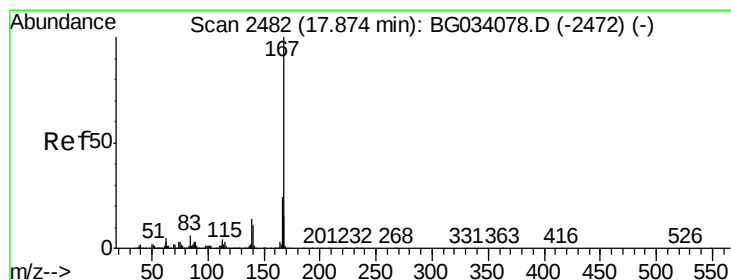
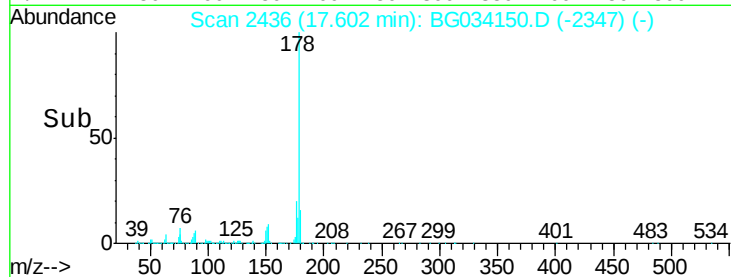
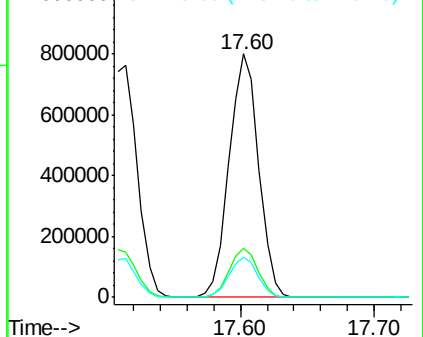
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.874 ng

RT: 17.87 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:167 Resp: 1117463

Ion Ratio Lower Upper

167 100

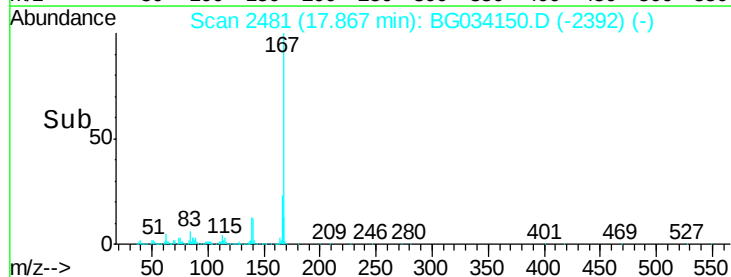
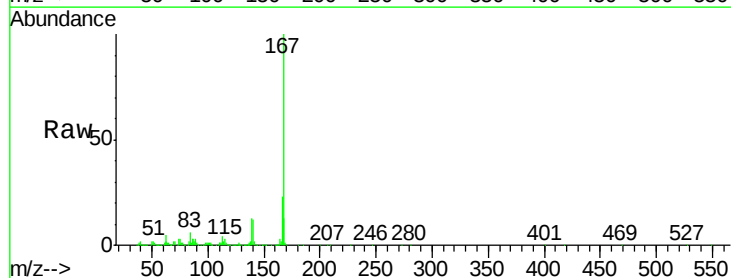
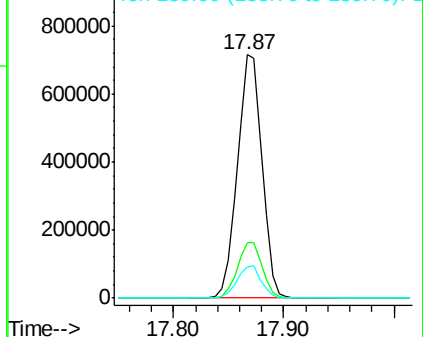
166 23.0 18.2 27.4

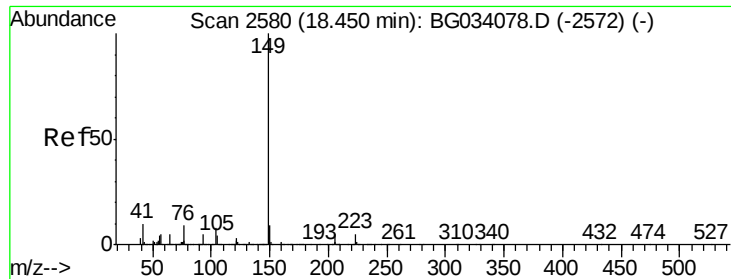
139 13.0 9.4 14.2

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.024 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:149 Resp: 1269355

Ion Ratio Lower Upper

149 100

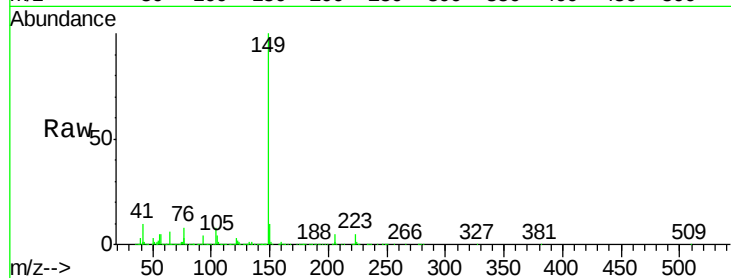
150 10.2 7.8 11.6

104 7.9 3.9 5.9#

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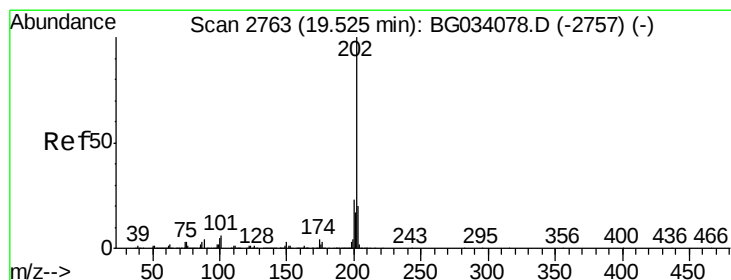
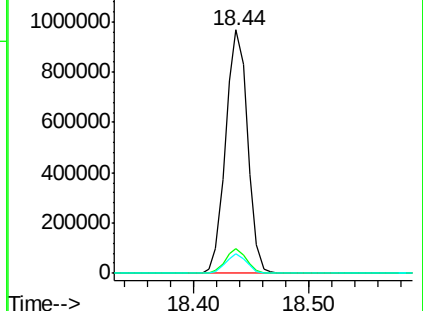
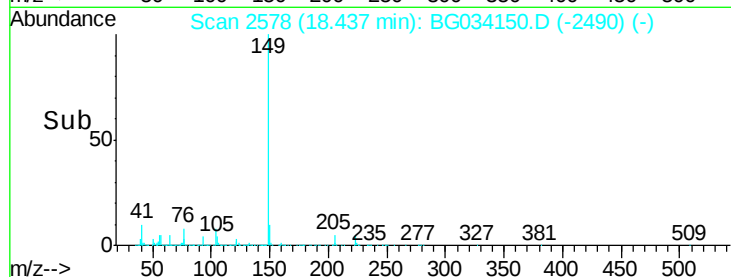
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.681 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

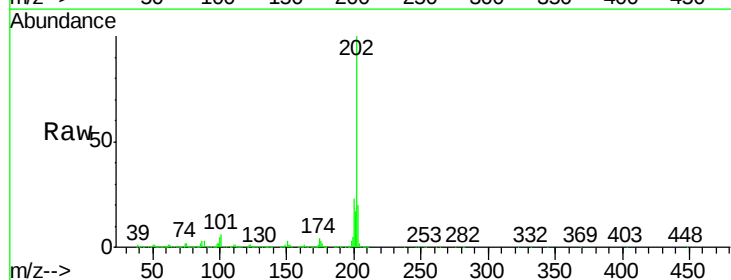
Tgt Ion:202 Resp: 1559374

Ion Ratio Lower Upper

202 100

101 5.5 0.0 28.9

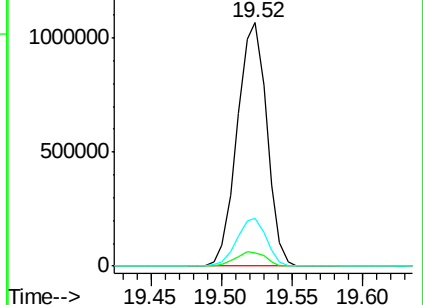
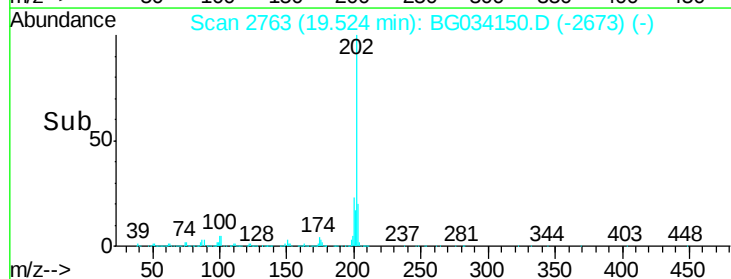
203 19.8 0.0 37.5

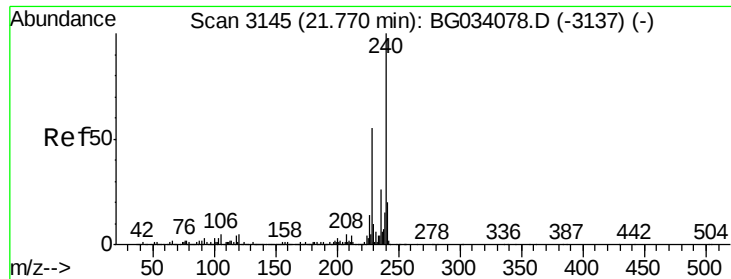


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

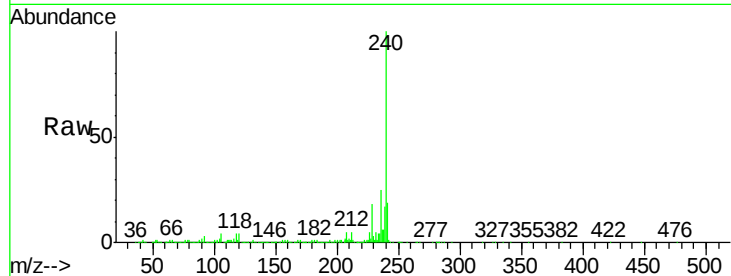
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	25.2	20.9	31.3

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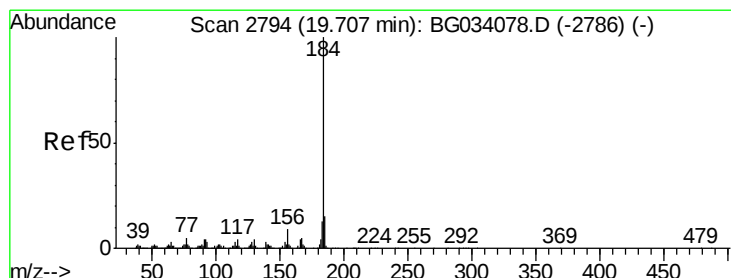
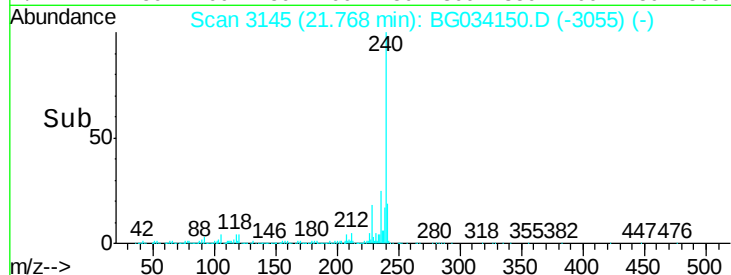
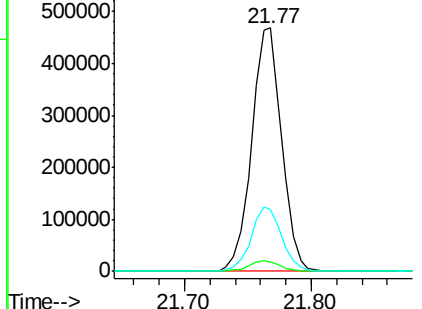
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.821 ng

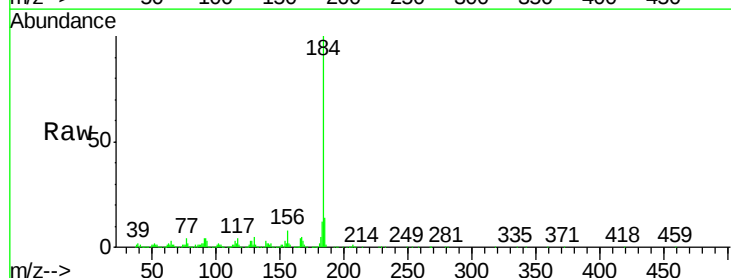
RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

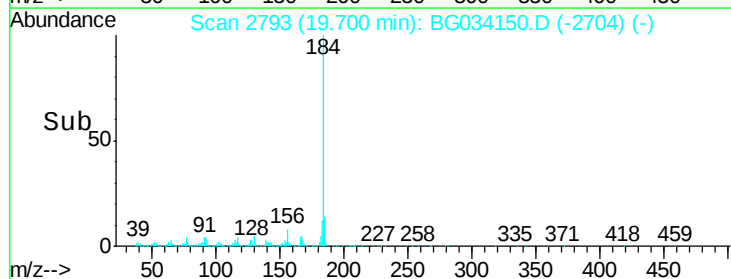
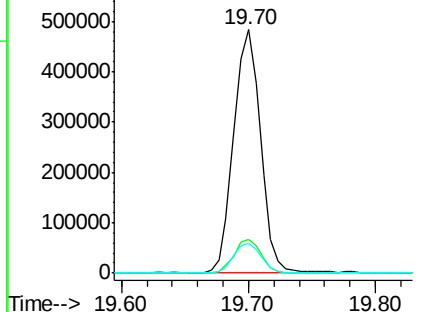
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	12.2	10.6	16.0

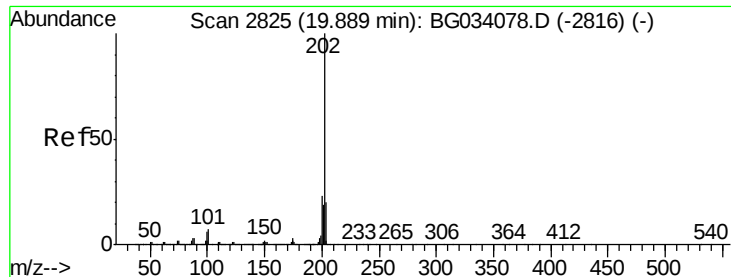


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.305 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

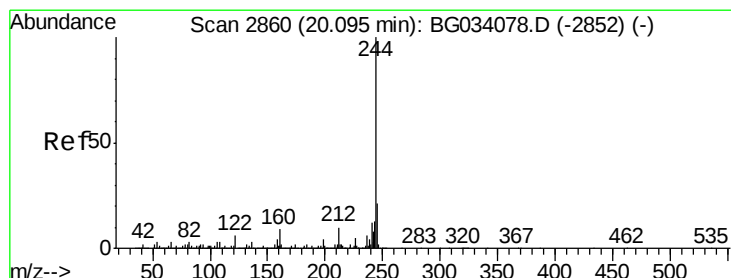
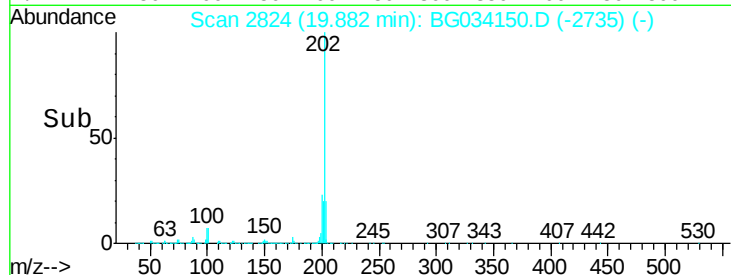
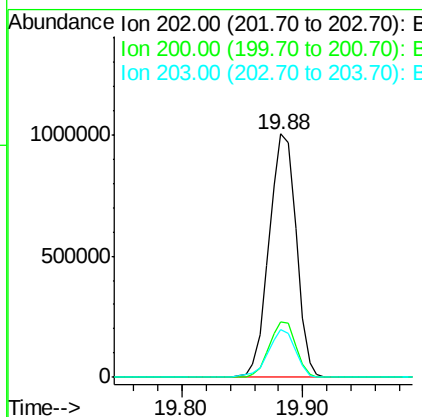
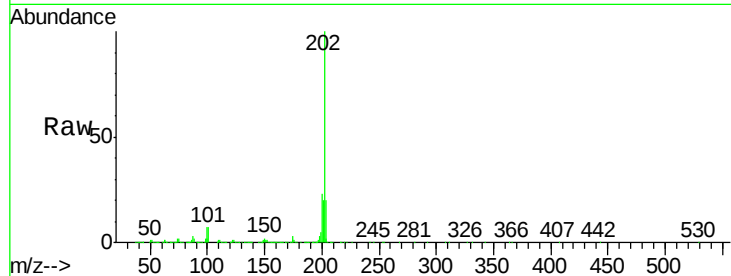
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	202	Resp:	1557098
Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.6	13.9	20.9

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#78

Terphenyl-d14

Concen: 63.851 ng

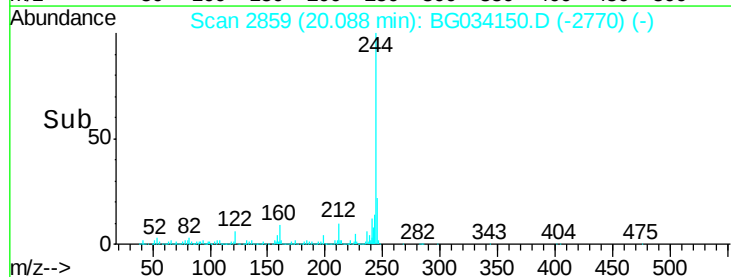
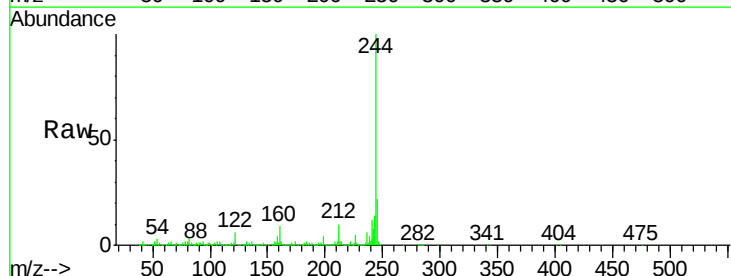
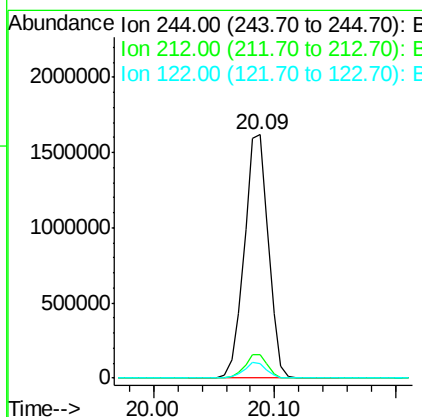
RT: 20.09 min Scan# 2859

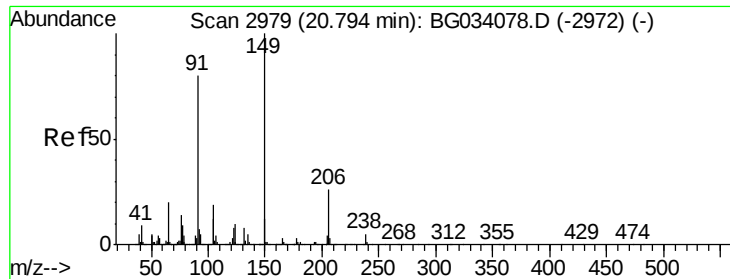
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	244	Resp:	2242307
Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.1	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 32.814 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

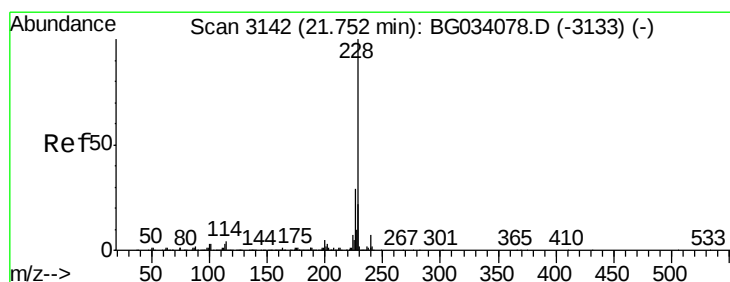
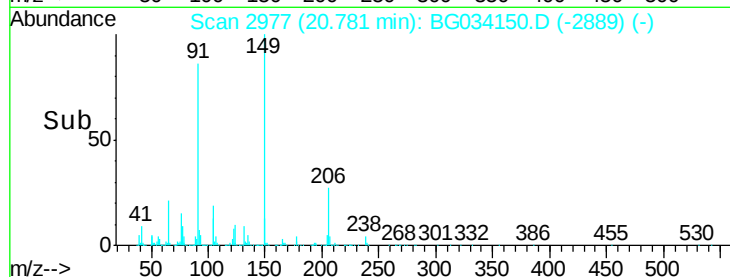
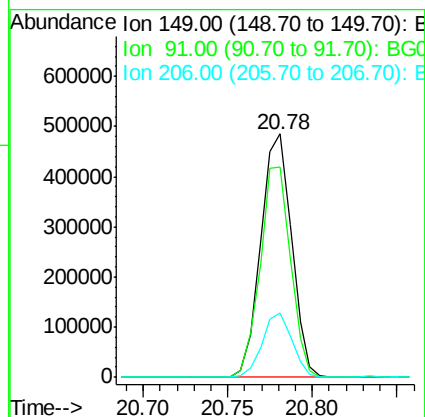
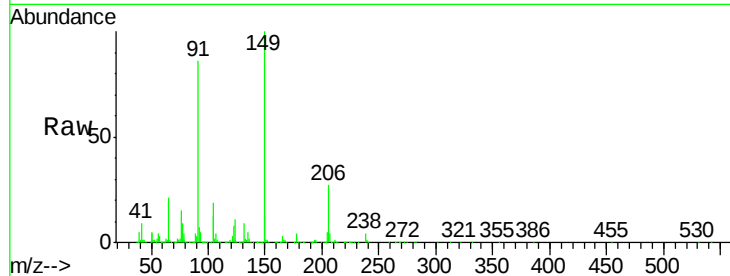
ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:	149	Resp:	617419
Ion Ratio	Lower	Upper	
149	100		
91	86.2	62.2	93.2
206	26.6	18.6	27.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 33.592 ng

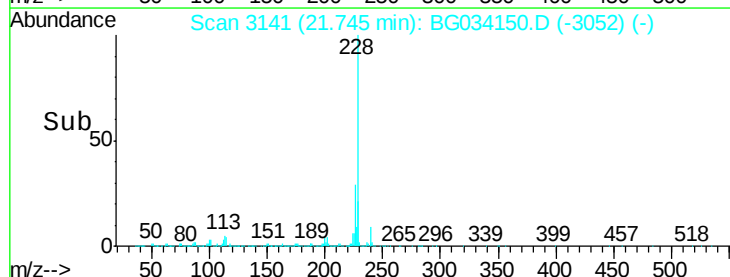
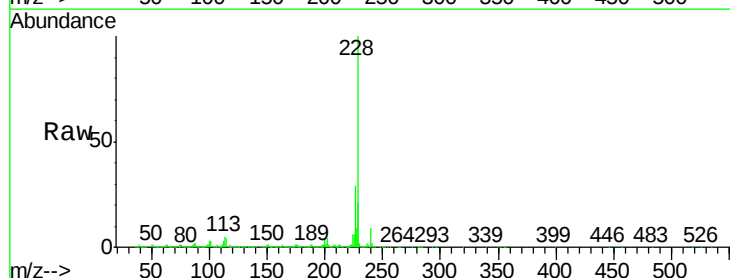
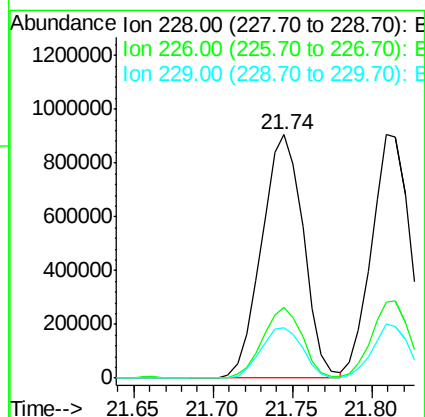
RT: 21.74 min Scan# 3141

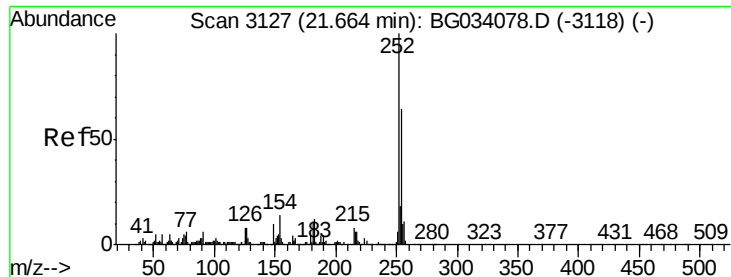
Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Tgt Ion:	228	Resp:	1656197
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.7	34.1
229	20.9	16.2	24.2





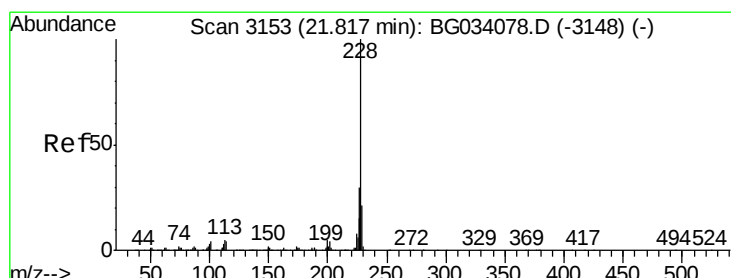
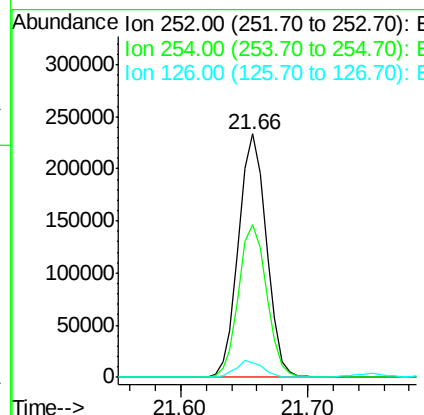
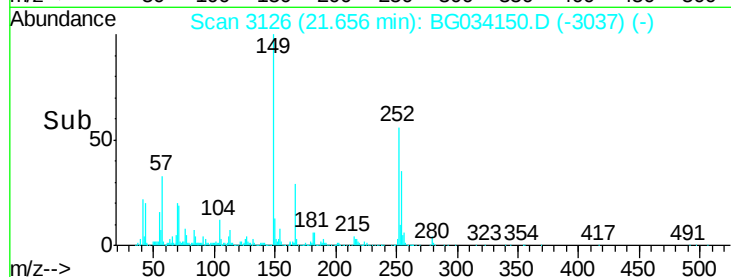
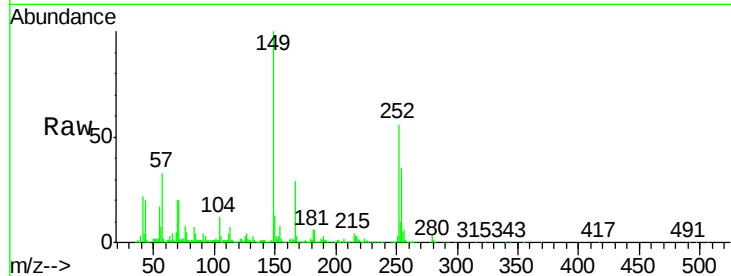
#81
 3,3'-Dichlorobenzidine
 Concen: 19.090 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.8	76.2
126	5.8	7.4	11.2

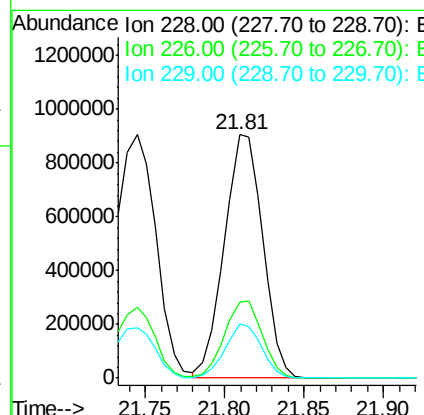
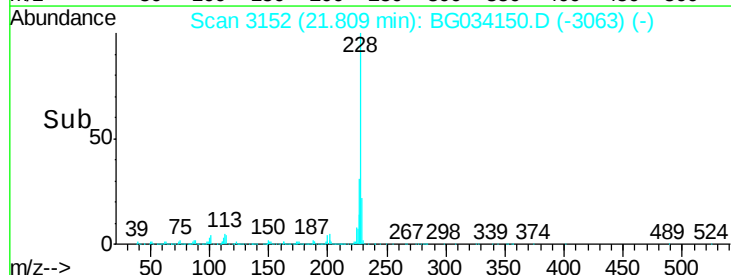
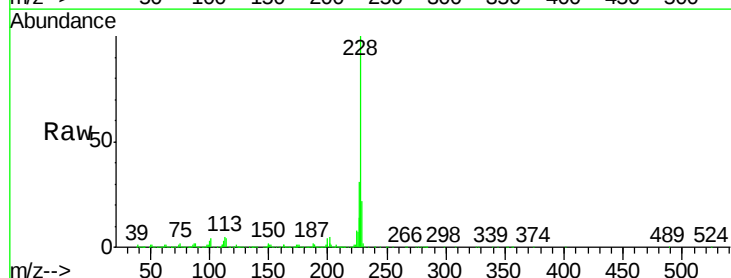
Manual Integrations
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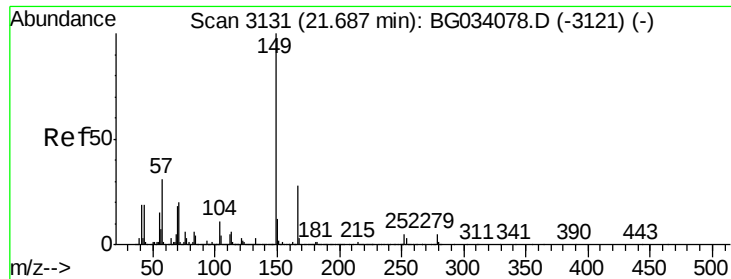
Sohil
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#82
 Chrysene
 Concen: 32.253 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.3	15.0	22.4





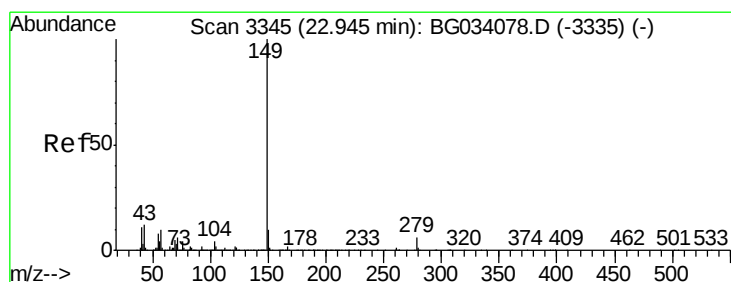
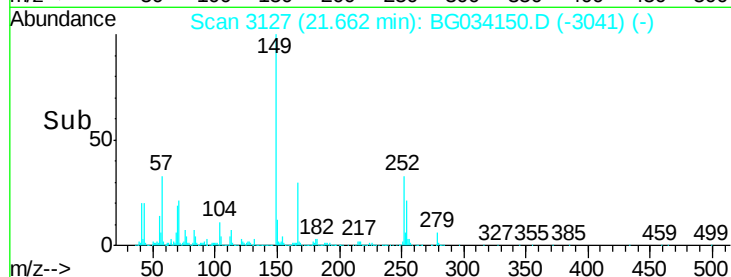
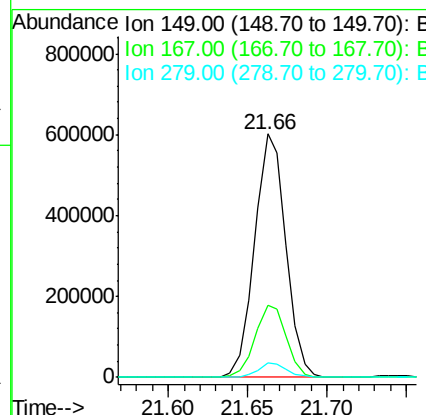
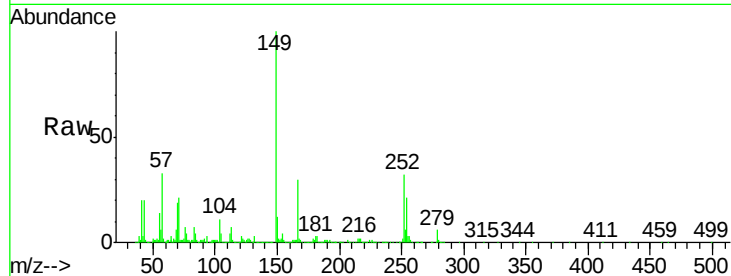
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.718 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.03 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.3	36.5
279	5.8	4.0	6.0

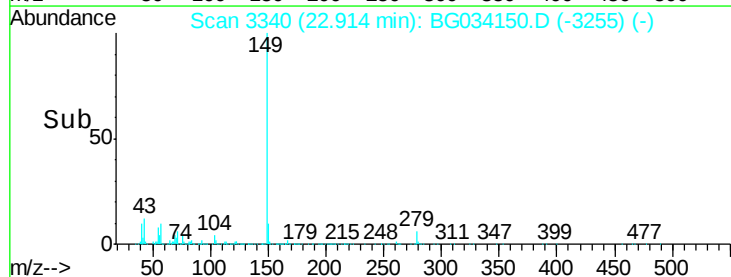
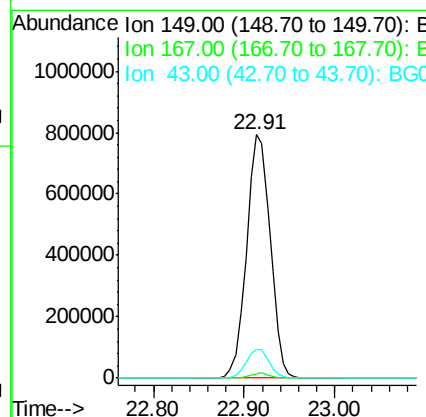
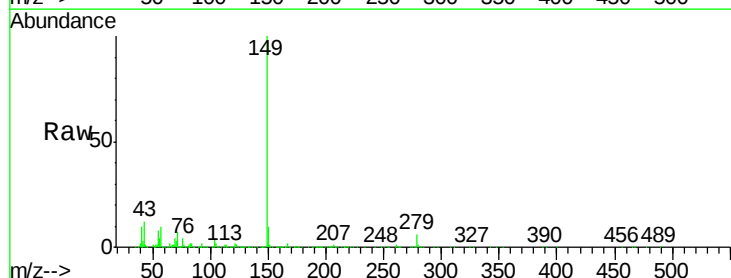
Manual Integrations
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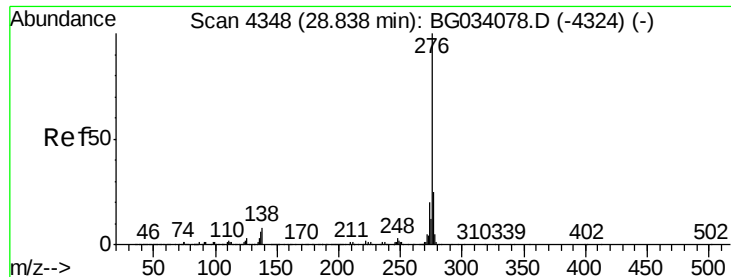
Sohil
 5/3/2018 6:25:32 PM



#84
 Di-n-octyl phthalate
 Concen: 34.567 ng
 RT: 22.91 min Scan# 3340
 Delta R.T. -0.03 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	11.3	8.9	13.3





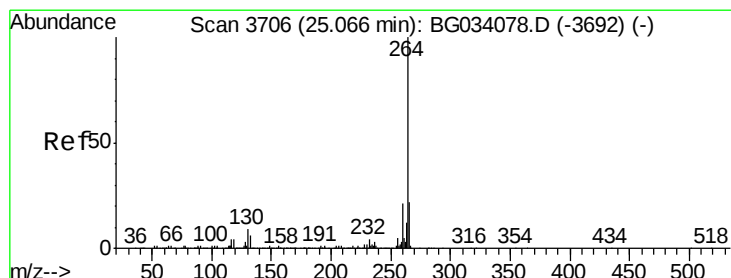
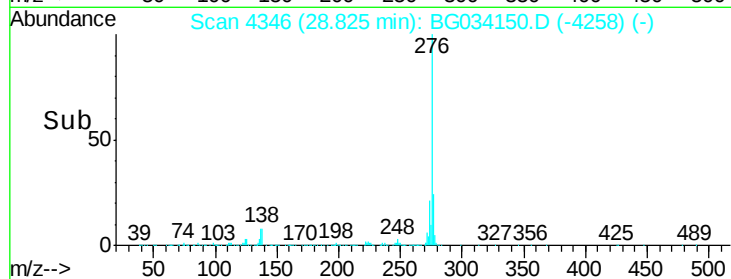
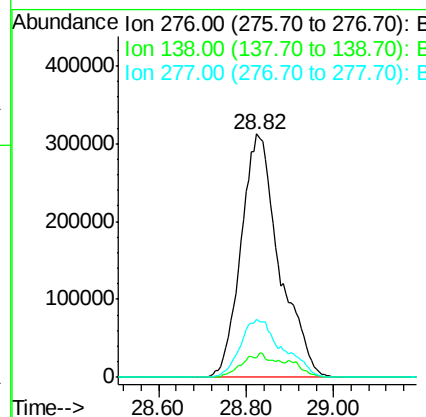
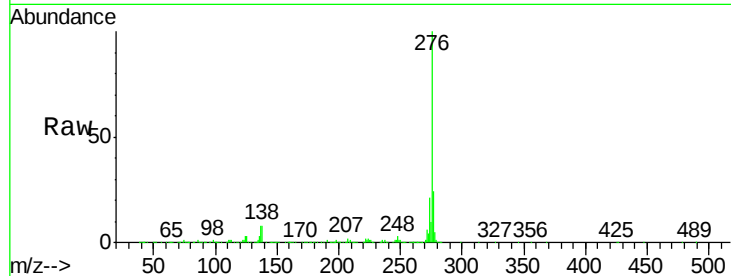
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.589 ng
RT: 28.82 min Scan# 4346
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.6	16.0	24.0#
277	26.3	20.0	30.0

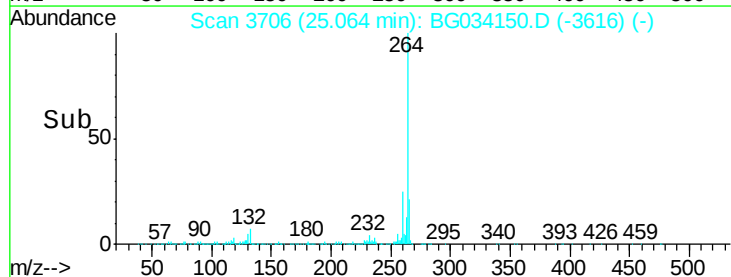
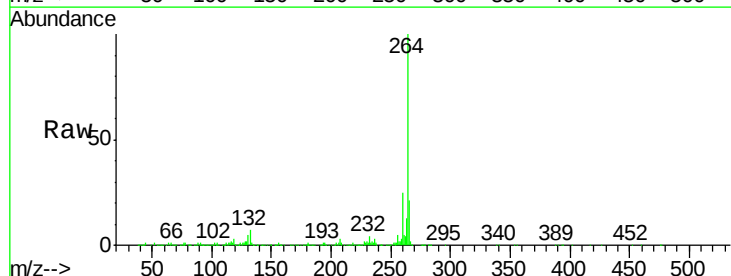
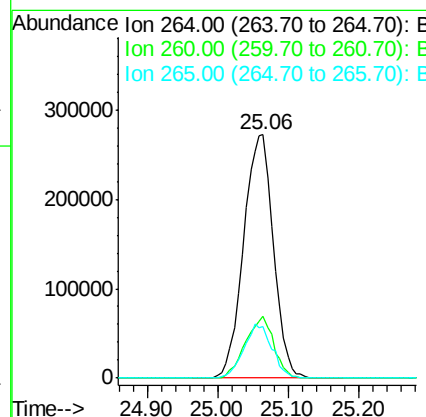
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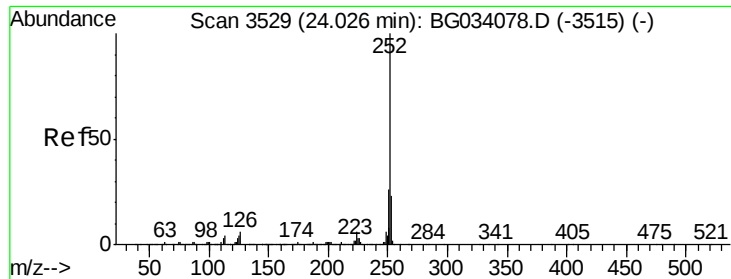
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	21.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 33.377 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

Instrument :

BNA_G

ClientSampleId :

EPE-F-4A(40-42)MS

Tot Ion:252 Resp: 1680980

Ion Ratio Lower Upper

252 100

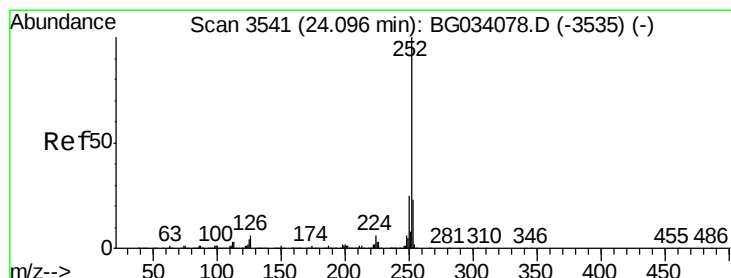
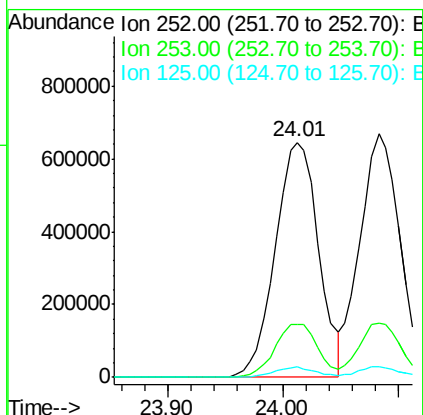
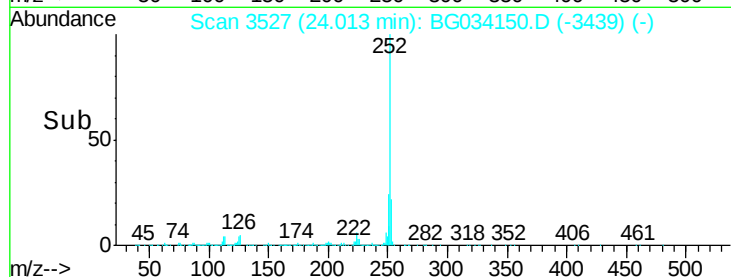
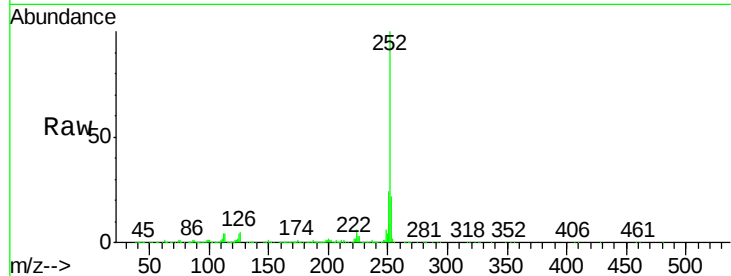
253 22.5 18.2 27.4

125 4.4 7.2 10.8#

Manual Integrations
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5/3/2018 6:25:32 PM



#88

Benzo(k)fluoranthene

Concen: 33.299 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG034150.D

Acq: 3 May 2018 13:58

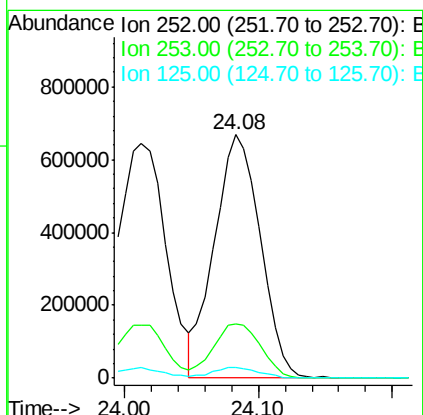
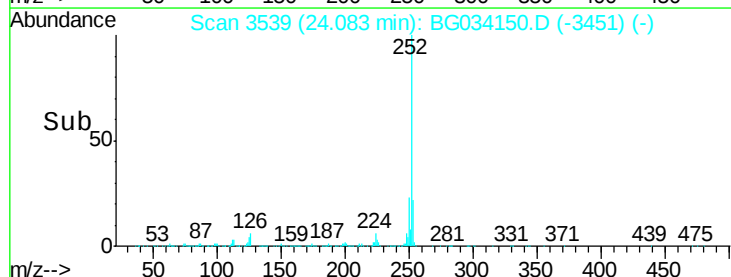
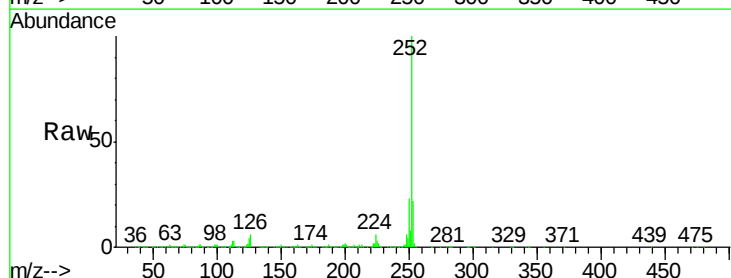
Tgt Ion:252 Resp: 1602825

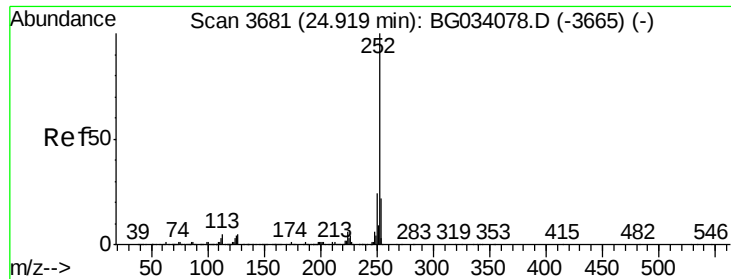
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 4.2 6.6 9.8#





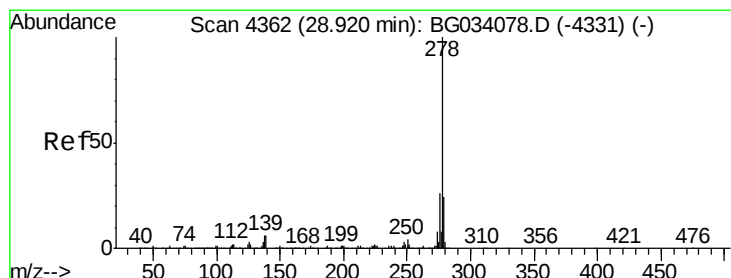
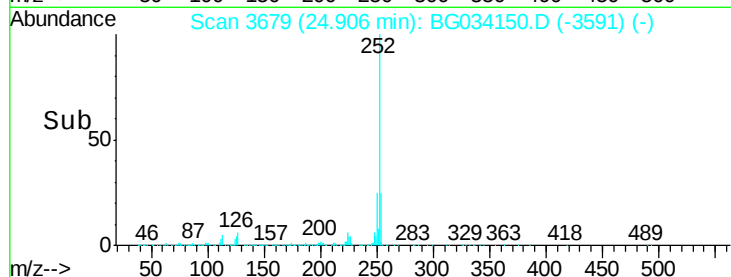
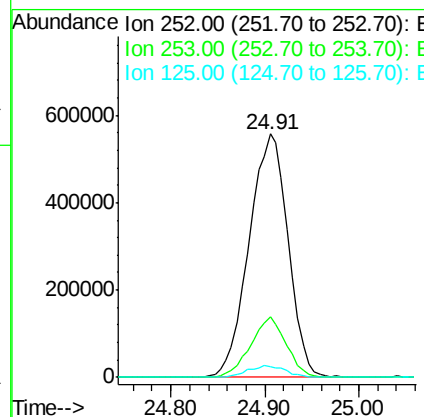
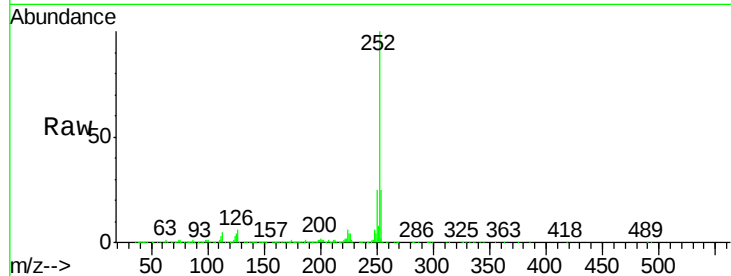
#89
Benzo(a)pyrene
Concen: 33.853 ng
RT: 24.91 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.3	27.5
125	4.2	7.3	10.9

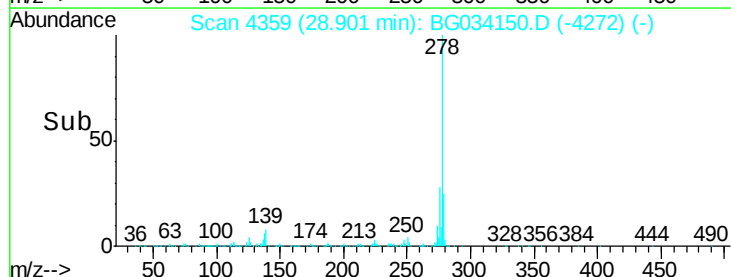
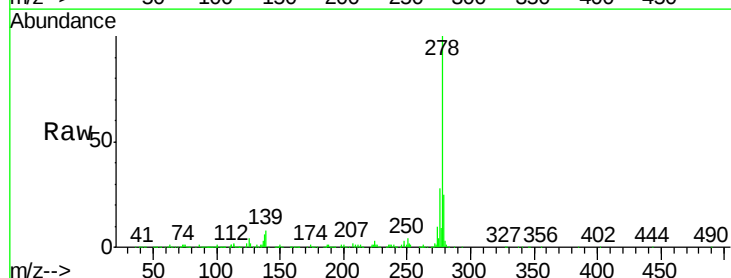
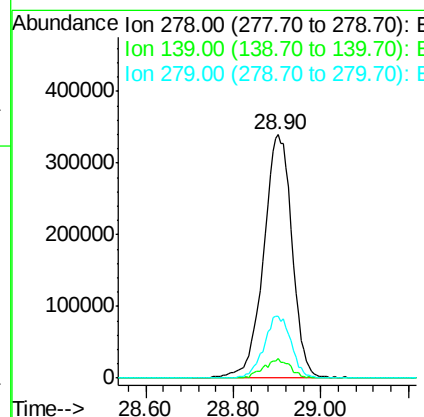
Manual Integrations
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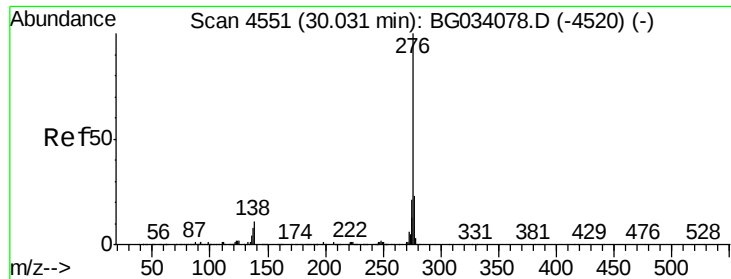
Sohil
5/3/2018 6:25:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.186 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.02 min
Lab File: BG034150.D
Acq: 3 May 2018 13:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	9.8	14.6
279	25.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 34.258 ng
 RT: 30.00 min Scan# 4546
 Delta R.T. -0.03 min
 Lab File: BG034150.D
 Acq: 3 May 2018 13:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	8.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 5/3/2018 6:25:32 PM

