

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031573.D
 Acq On : 15 Dec 2017 00:11
 Operator : SJ/JU
 Sample : I6888-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:47:01 PM

Quant Time: Dec 15 04:19:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	74624	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	308171	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	204673	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	514607	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	583507	20.00	ng	-0.01
86) Perylene-d12	25.02	264	548821	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	654579	155.48	ng	0.00
7) Phenol-d6	7.27	99	832156	142.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	499661	99.94	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	377318	157.36	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1302723	93.43	ng	0.00
78) Terphenyl-d14	20.06	244	2170400	84.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	75801	37.735	ng	# 81
3) Pyridine	3.91	79	199959	37.807	ng	87
4) n-Nitrosodimethylamine	3.82	42	100285	40.256	ng	# 88
6) Aniline	7.42	93	230824	29.989	ng	93
8) 2-Chlorophenol	7.67	128	233778	49.782	ng	88
9) Benzaldehyde	7.23	77	145779	43.032	ng	90
10) Phenol	7.30	94	318102	52.982	ng	92
11) bis(2-Chloroethyl)ether	7.51	93	212642	43.394	ng	87
12) 1,3-Dichlorobenzene	7.98	146	250164	44.795	ng	97
13) 1,4-Dichlorobenzene	8.13	146	250815	43.214	ng	95
14) 1,2-Dichlorobenzene	8.45	146	240845	43.562	ng	98
15) Benzyl Alcohol	8.34	79	190156	41.592	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.62	45	305285	55.454	ng	92
17) 2-Methylphenol	8.55	107	193828	47.360	ng	98
18) Hexachloroethane	9.18	117	87234	44.588	ng	90
19) n-Nitroso-di-n-propylamine	8.91	70	167587	36.431	ng	# 93
20) 3+4-Methylphenols	8.88	107	265692	43.579	ng	94
22) Acetophenone	8.92	105	348093	47.084	ng	# 91
24) Nitrobenzene	9.31	77	247532	48.314	ng	88
25) Isophorone	9.83	82	466945	49.418	ng	# 92
26) 2-Nitrophenol	10.03	139	131599	51.945	ng	# 88
27) 2,4-Dimethylphenol	10.08	122	223248	58.009	ng	93
28) bis(2-Chloroethoxy)methane	10.30	93	292379	47.929	ng	94
29) 2,4-Dichlorophenol	10.57	162	251752	55.523	ng	91
30) 1,2,4-Trichlorobenzene	10.77	180	276859	47.802	ng	98
31) Naphthalene	10.96	128	690730	45.624	ng	99
32) Benzoic acid	10.24	122	5560m	9.685	ng	
33) 4-Chloroaniline	11.08	127	112542	17.120	ng	96
34) Hexachlorobutadiene	11.24	225	178927	46.574	ng	95
35) Caprolactam	11.85	113	88487	49.700	ng	# 72
36) 4-Chloro-3-methylphenol	12.20	107	249920	48.288	ng	85
37) 2-Methylnaphthalene	12.56	142	531539	45.345	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	359783	44.978	ng	97
40) Hexachlorocyclopentadiene	12.90	237	159557	64.415	ng	92

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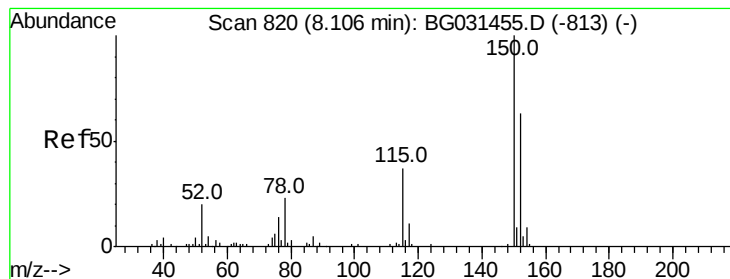
Manual Integrations
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Sohil
 12/15/2017 6:47:01 PM

Quant Time: Dec 15 04:19:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	215509	52.732	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	228544	51.914	nq #	93
45) 1,1'-Biphenyl	13.56	154	743994	44.258	nq	96
46) 2-Chloronaphthalene	13.61	162	578217	46.994	nq	95
47) 2-Nitroaniline	13.81	65	166035	48.023	nq #	83
48) Acenaphthylene	14.45	152	860095	43.444	nq	98
49) Dimethylphthalate	14.18	163	888167	52.415	nq	98
50) 2,6-Dinitrotoluene	14.30	165	176842	48.826	nq #	73
51) Acenaphthene	14.79	154	541695	43.272	nq	99
52) 3-Nitroaniline	14.64	138	110808	30.012	nq #	78
53) 2,4-Dinitrophenol	14.86	184	25045	23.747	nq #	51
54) Dibenzofuran	15.12	168	880459	44.075	nq	98
55) 4-Nitrophenol	14.96	139	215398	86.060	nq #	81
56) 2,4-Dinitrotoluene	15.10	165	248708	48.347	nq #	75
57) Fluorene	15.77	166	713560	44.580	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	218804	52.876	nq #	90
59) Diethylphthalate	15.53	149	766864	45.150	nq	97
60) 4-Chlorophenyl-phenylether	15.75	204	424874	43.386	nq	92
61) 4-Nitroaniline	15.80	138	187579	48.414	nq	91
62) Azobenzene	16.05	77	612475	43.531	nq	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	73435	26.074	nq	77
65) n-Nitrosodiphenylamine	15.97	169	674546	44.783	nq	99
66) 4-Bromophenyl-phenylether	16.65	248	283697	47.409	nq	97
67) Hexachlorobenzene	16.78	284	288976	46.766	nq	96
68) Atrazine	16.91	200	294477	53.467	nq	98
69) Pentachlorophenol	17.12	266	195694	66.883	nq	98
70) Phenanthrene	17.51	178	1205353	44.849	nq	97
71) Anthracene	17.60	178	1244812	46.832	nq	99
72) Carbazole	17.87	167	1142334	47.490	nq	98
73) Di-n-butylphthalate	18.41	149	1299682	46.788	nq	99
74) Fluoranthene	19.51	202	1580419	46.988	nq	97
76) Benzidine	19.69	184	748062	55.088	nq	97
77) Pyrene	19.87	202	1600696	44.149	nq	96
79) Butylbenzylphthalate	20.74	149	627989	49.373	nq	85
80) Benzo(a)anthracene	21.72	228	1596463	45.329	nq	98
81) 3,3'-Dichlorobenzidine	21.63	252	357054	29.129	nq	99
82) Chrysene	21.79	228	1531432	45.357	nq	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	893266	48.814	nq	98
84) Di-n-octyl phthalate	22.81	149	1458222	48.309	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	1565767	43.393	nq	98
87) Benzo(b)fluoranthene	23.98	252	1530581	46.648	nq	99
88) Benzo(k)fluoranthene	24.04	252	1525724	45.565	nq	96
89) Benzo(a)pyrene	24.87	252	1477641	47.473	nq	99
90) Dibenzo(a,h)anthracene	28.83	278	1309866	44.007	nq	98
91) Benzo(g,h,i)perylene	29.96	276	1293990	44.220	nq	98

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



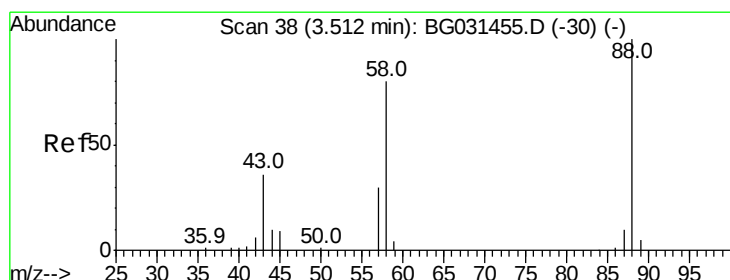
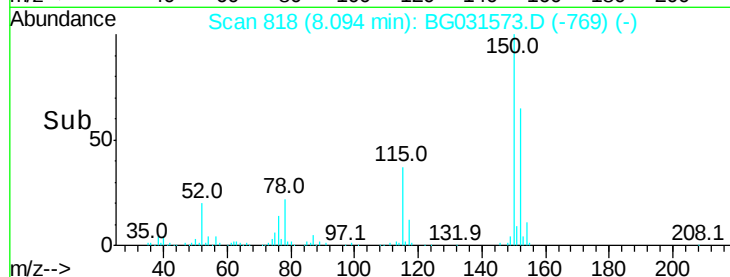
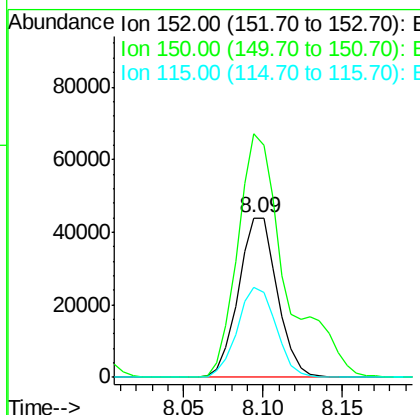
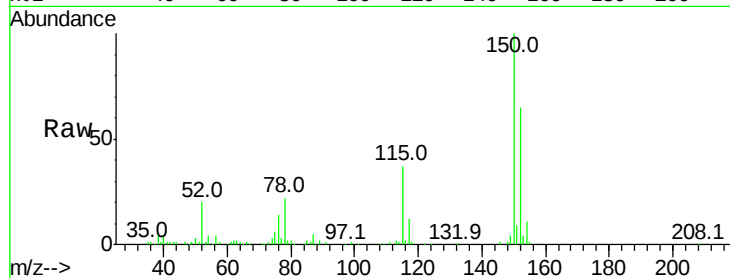
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.6	189.8
115	56.1	53.0	79.4

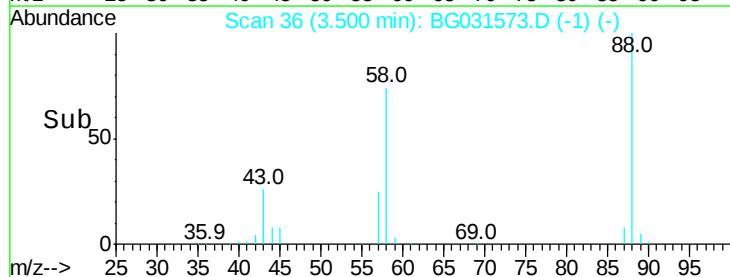
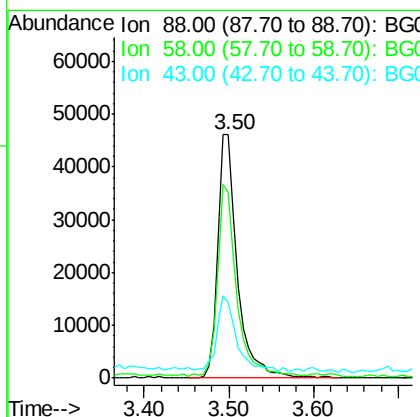
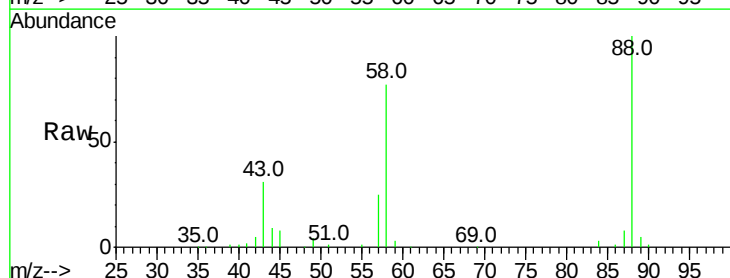
Manual Integrations
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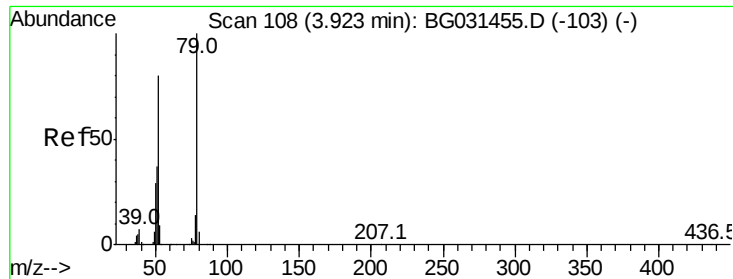
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#2
 1,4-Dioxane
 Concen: 37.735 ng
 RT: 3.50 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	79.6	119.4#
43	31.3	27.4	41.0





#3

Pvridine

Concen: 37.807 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

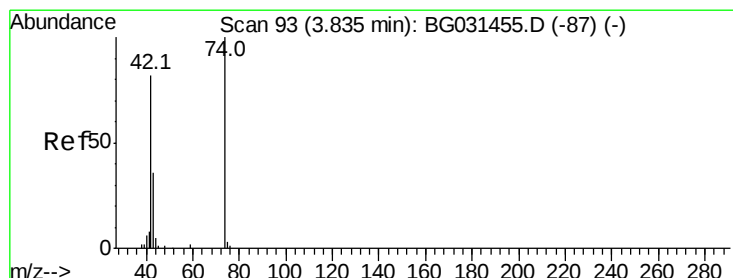
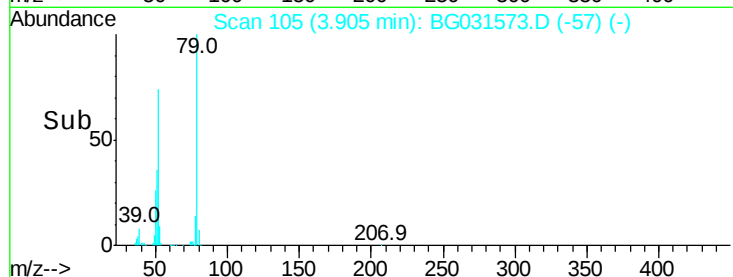
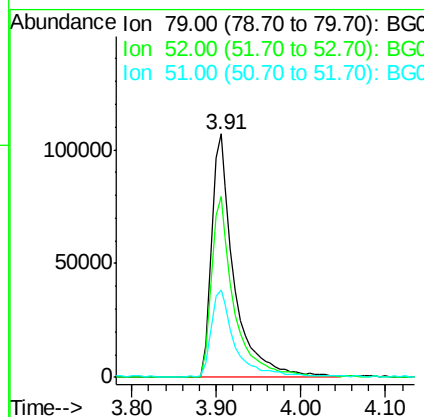
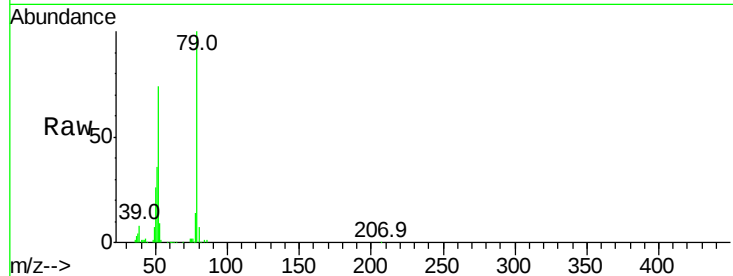
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:	79	Resp:	199959
Ion Ratio	Lower	Upper	
79	100		
52	74.4	69.9	104.9
51	36.2	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 40.256 ng

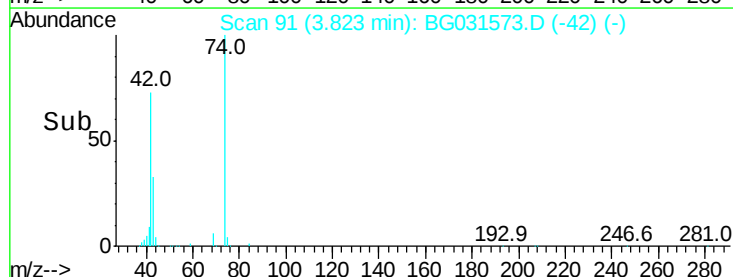
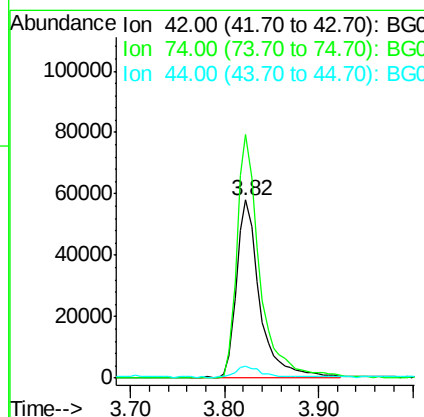
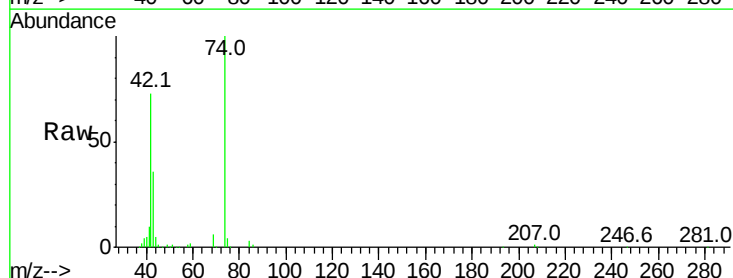
RT: 3.82 min Scan# 91

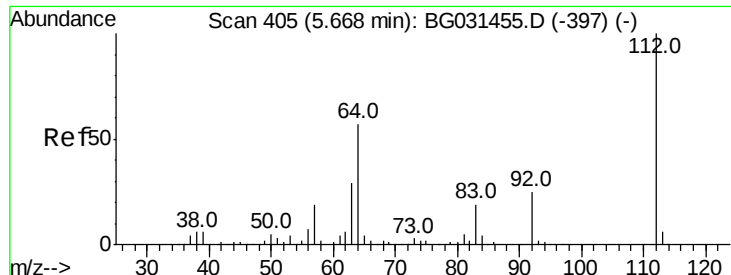
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion:	42	Resp:	100285
Ion Ratio	Lower	Upper	
42	100		
74	136.7	102.5	153.7
44	6.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 155.480 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

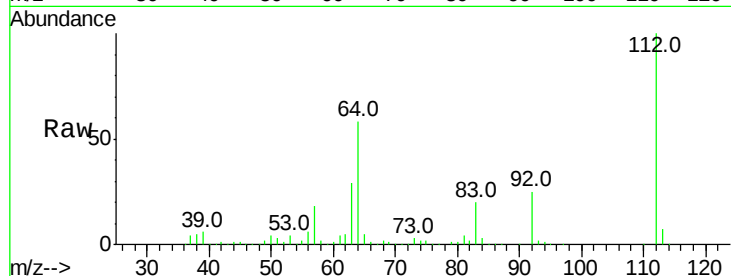
ClientSampleId :

EPE-122-2(40-42)MS

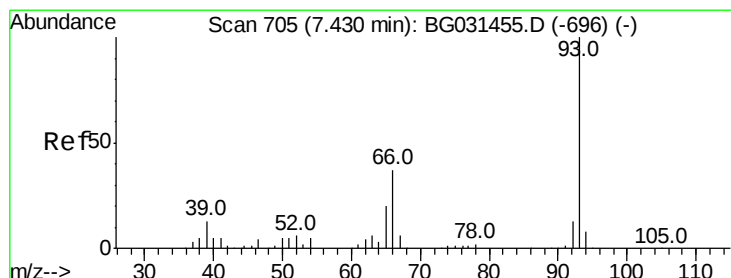
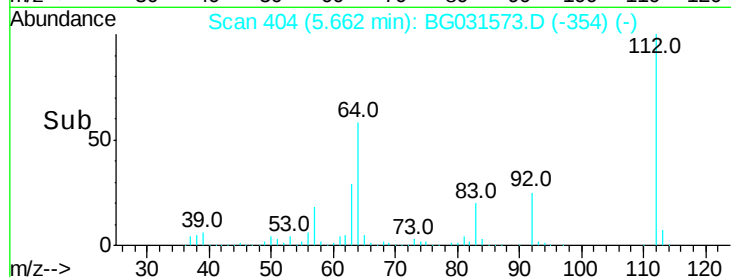
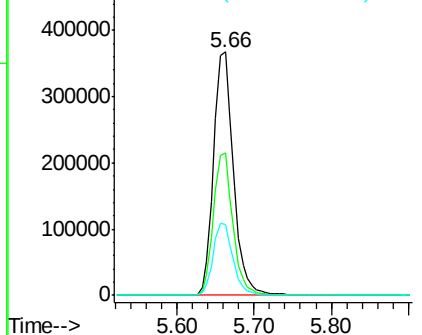
Tot Ion:	112	Resp:	654579
Ion Ratio	Lower	Upper	
112	100		
64	58.4	56.3	84.5
63	29.3	30.1	45.1#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.989 ng

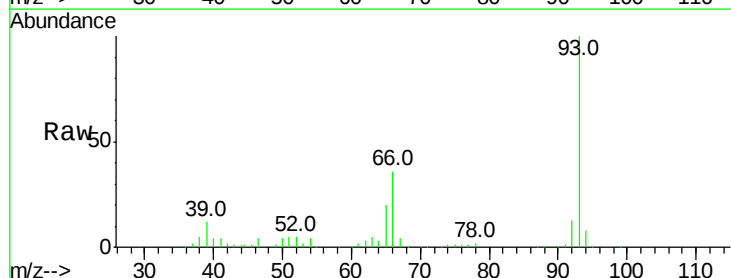
RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

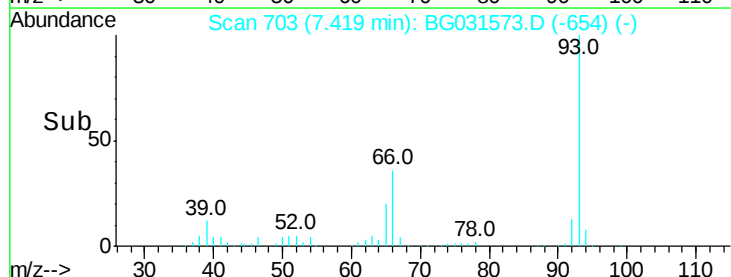
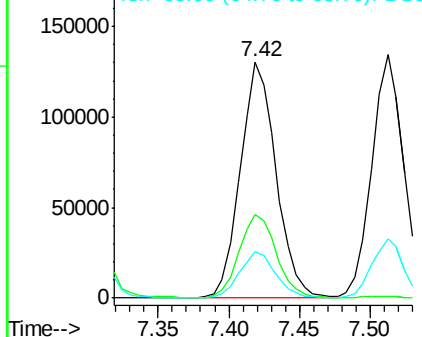
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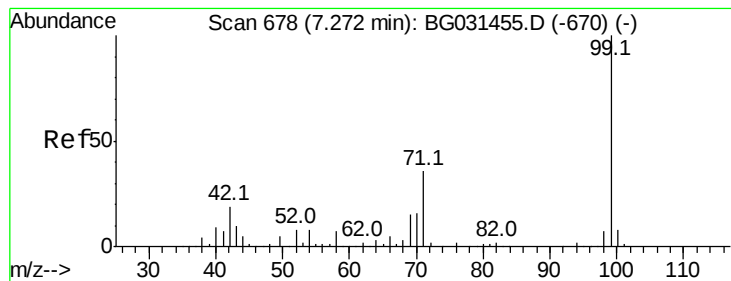
Acq: 15 Dec 2017 00:11

Tgt Ion:	93	Resp:	230824
Ion Ratio	Lower	Upper	
93	100		
66	35.6	33.7	50.5
65	19.8	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.382 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

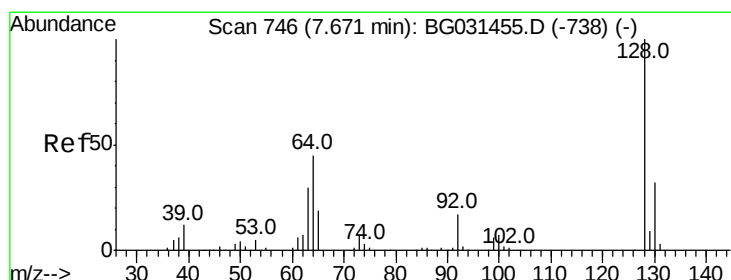
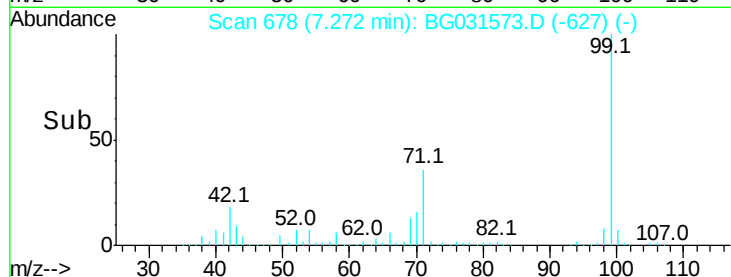
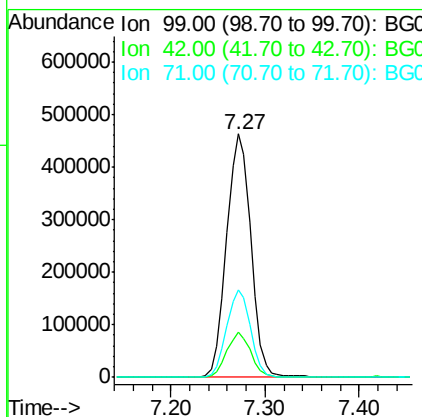
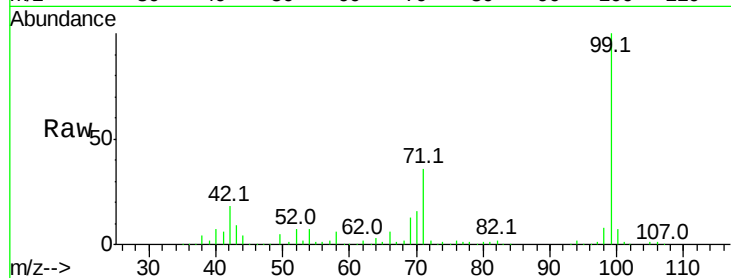
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	832156		
42	18.5		14.1	21.1
71	35.8		26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.782 ng

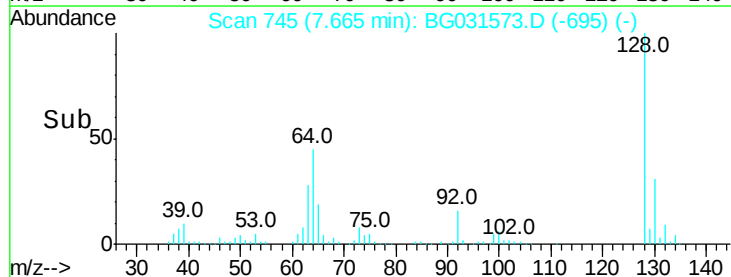
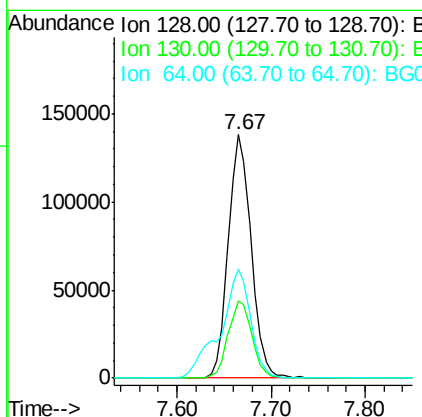
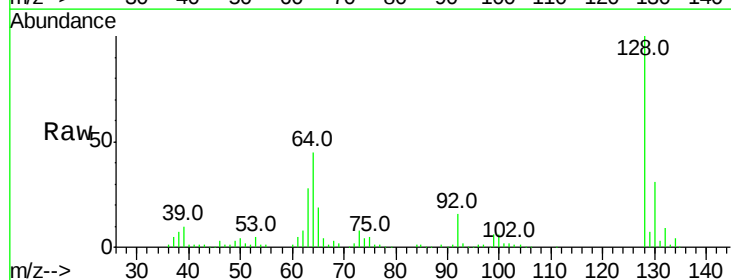
RT: 7.67 min Scan# 745

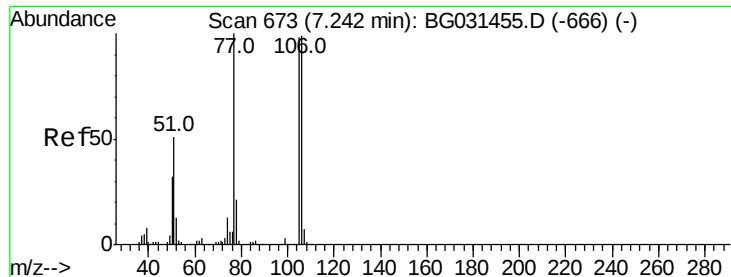
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	233778		
130	31.5		14.0	54.0
64	45.0		37.7	77.7





#9

Benzaldehyde

Concen: 43.032 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

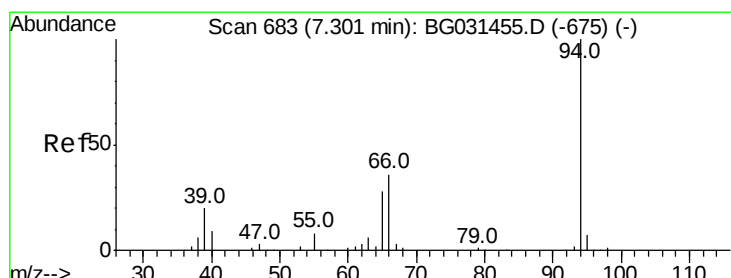
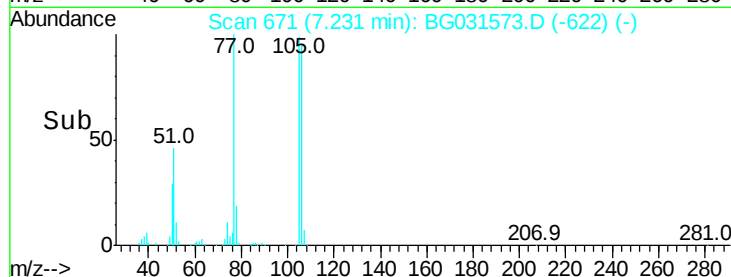
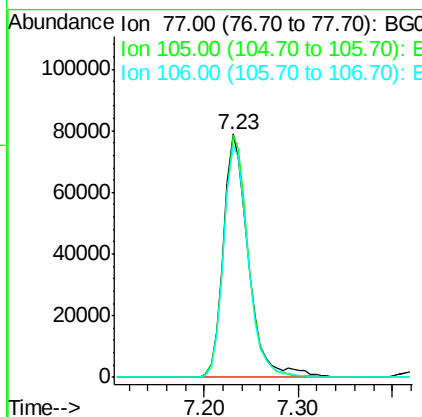
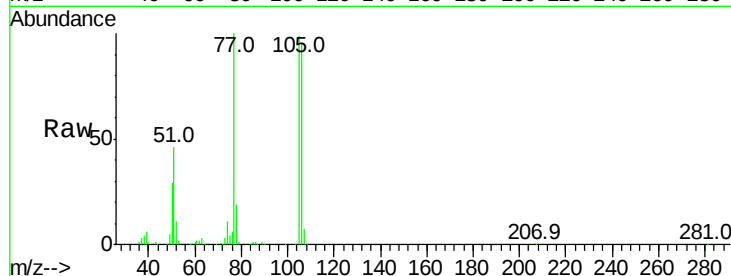
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:	77	Resp:	145779
Ion	Ratio	Lower	Upper
77	100		
105	99.3	71.3	111.3
106	95.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 52.982 ng

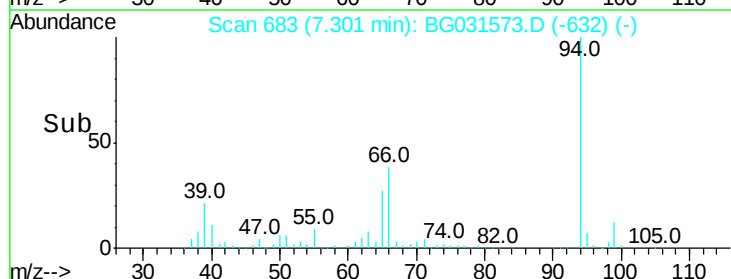
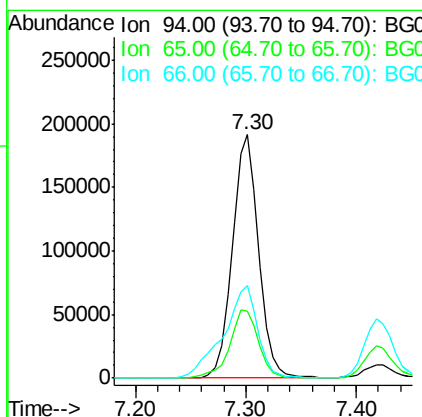
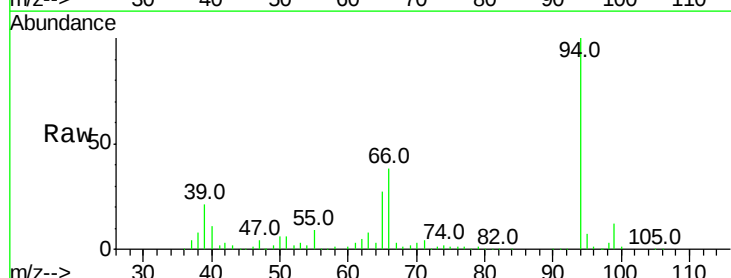
RT: 7.30 min Scan# 683

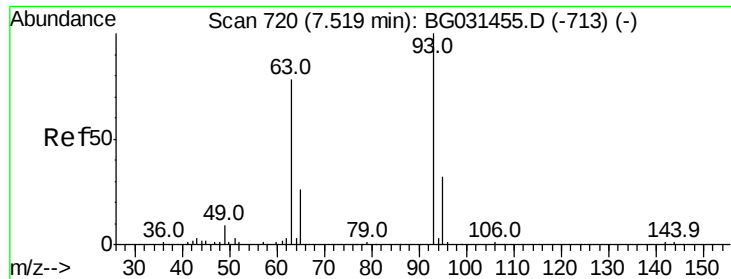
Delta R.T. -0.00 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion:	94	Resp:	318102
Ion	Ratio	Lower	Upper
94	100		
65	27.3	11.9	51.9
66	37.8	22.2	62.2





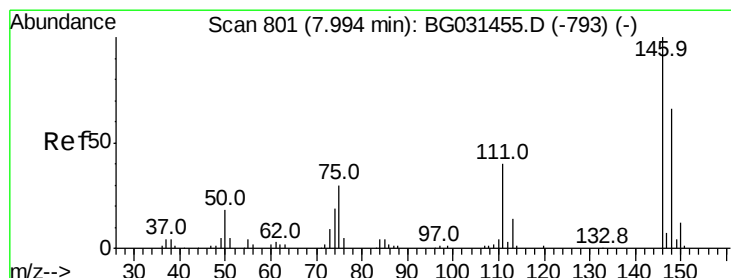
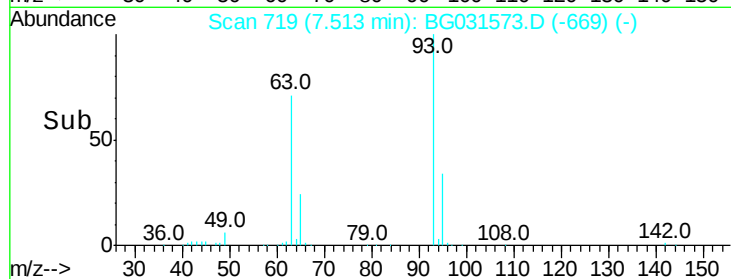
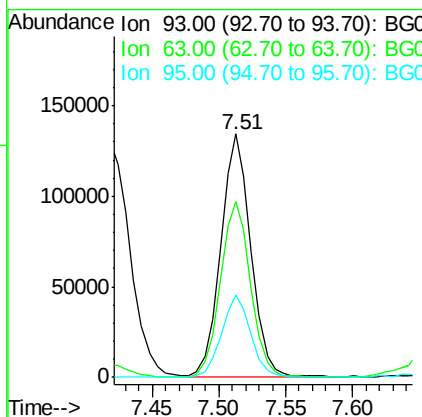
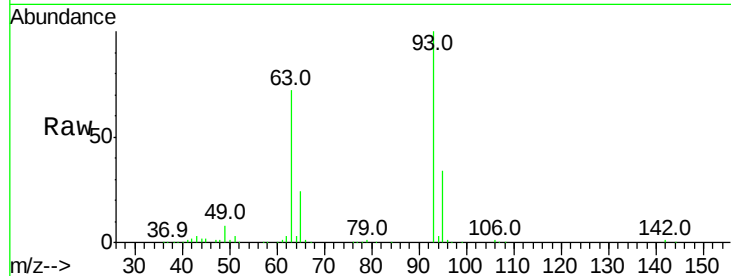
#11
bis(2-Chloroethyl)ether
Concen: 43.394 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	212642		
63	71.9		67.1	107.1
95	33.8		11.5	51.5

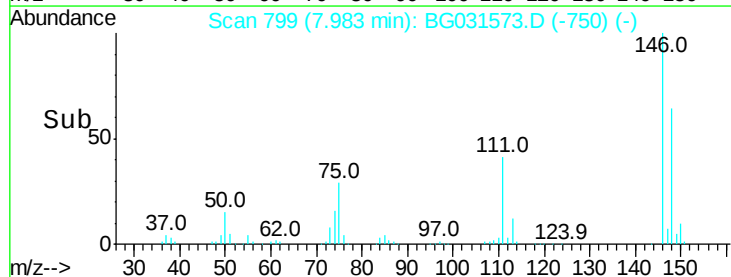
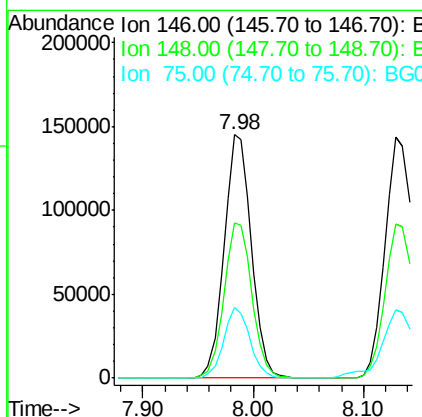
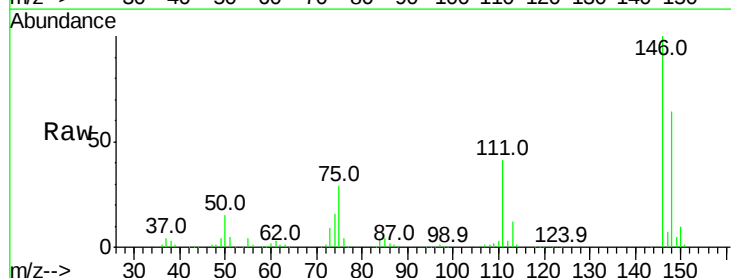
Manual Integrations
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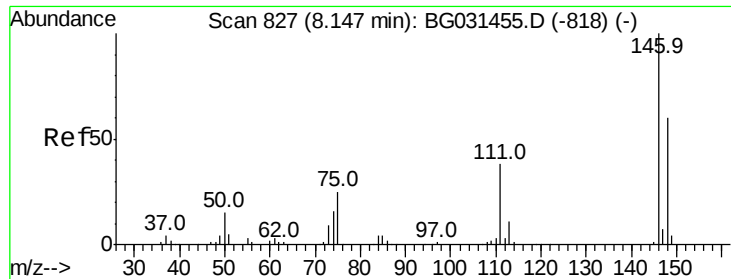
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#12
1,3-Dichlorobenzene
Concen: 44.795 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	250164		
148	64.0		51.4	77.2
75	29.2		26.6	39.8





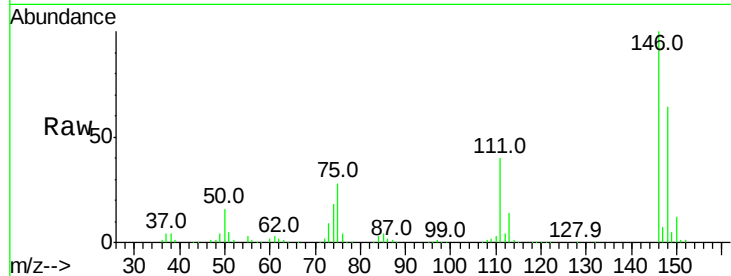
#13
 1,4-Dichlorobenzene
 Concen: 43.214 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	250815		
148	63.9		53.7	80.5
111	39.8		35.2	52.8

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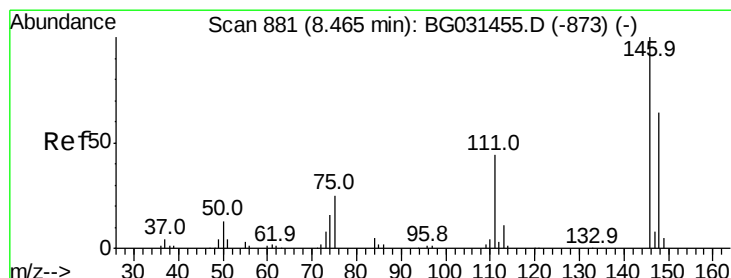
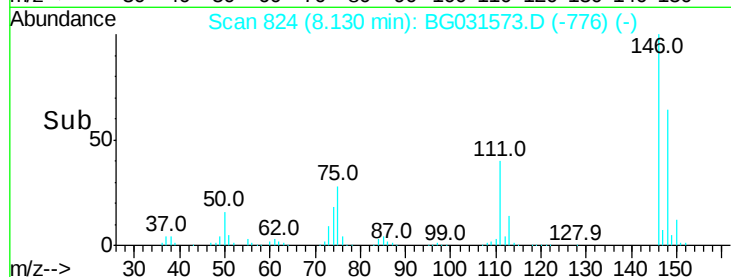
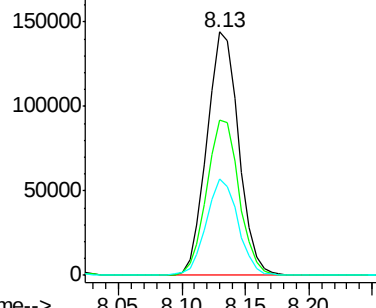


Abundance

Ion 146.00 (145.70 to 146.70): E

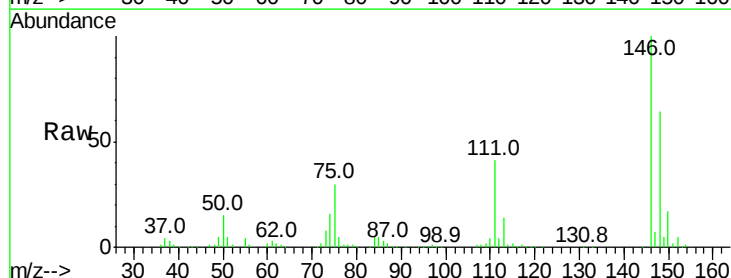
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.562 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	240845		
148	63.6		49.3	73.9
111	41.5		34.3	51.5

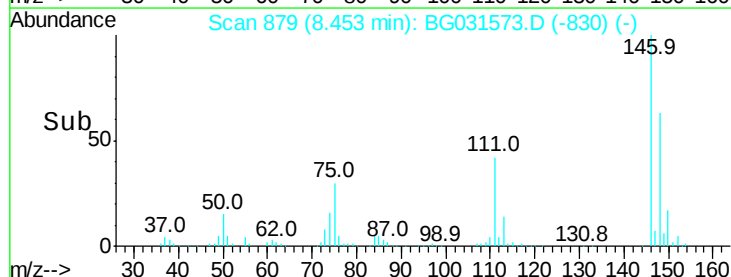
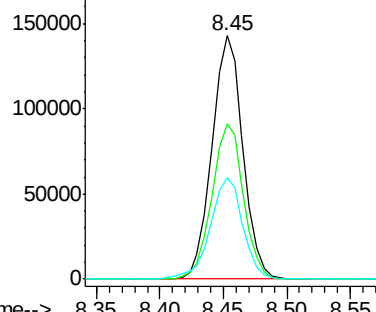


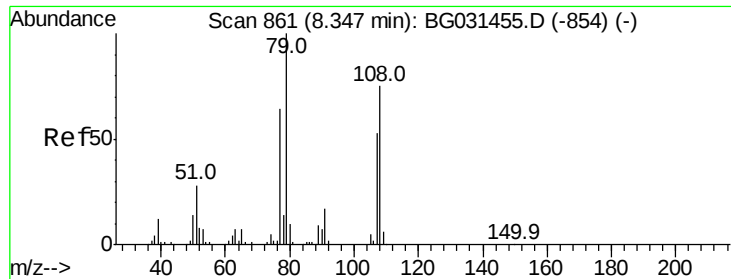
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.592 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

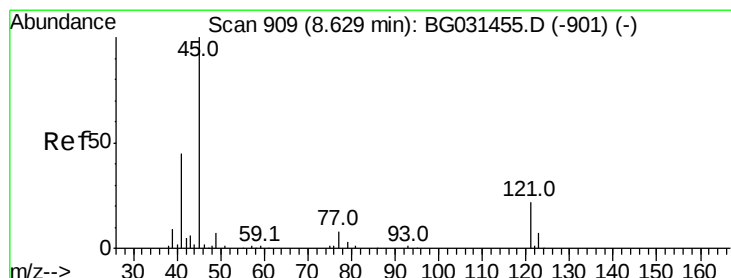
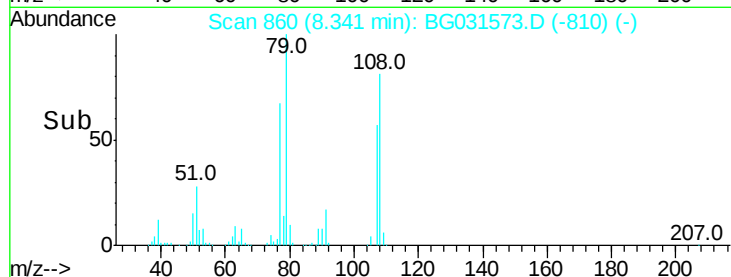
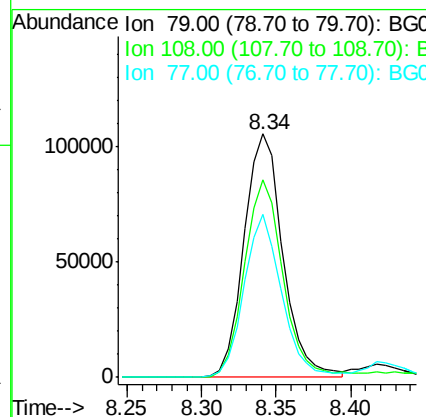
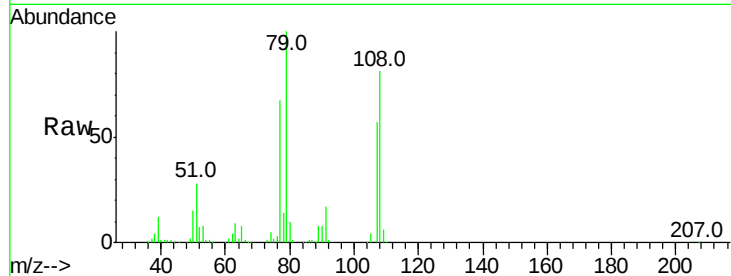
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion	79	108	77
Ratio	100	81.1	67.1
Lower		57.2	46.1
Upper		85.8	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 55.454 ng

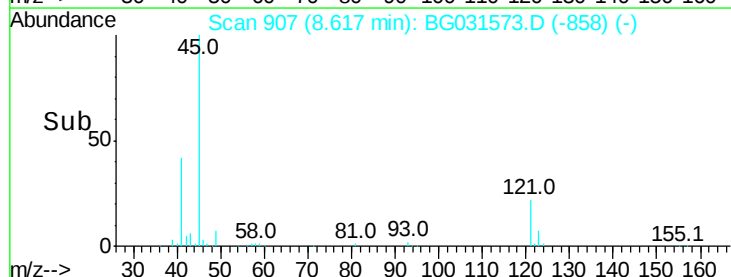
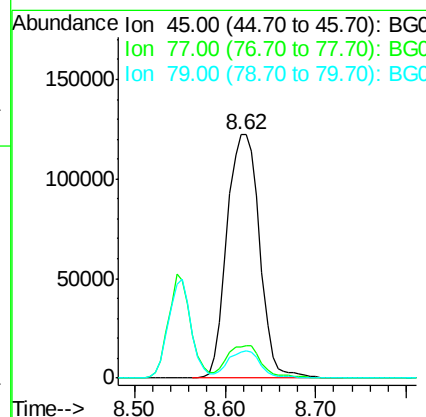
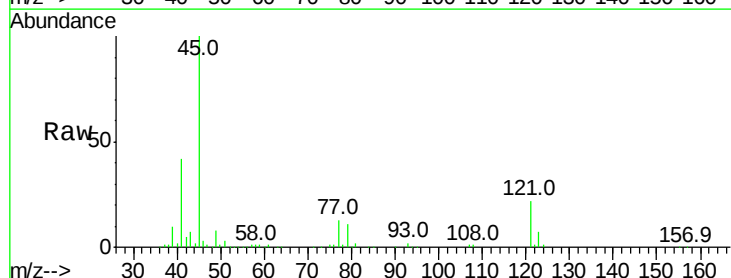
RT: 8.62 min Scan# 907

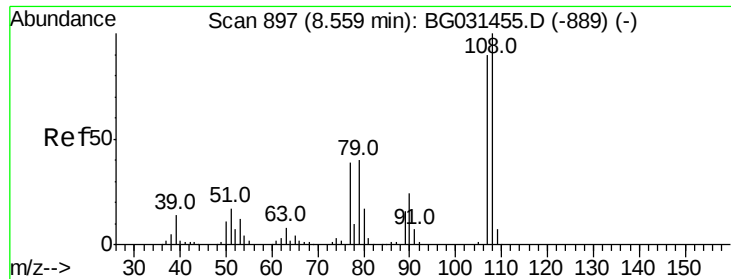
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion	45	77	79
Ratio	100	13.0	10.7
Lower		0.0	0.0
Upper		30.2	27.9





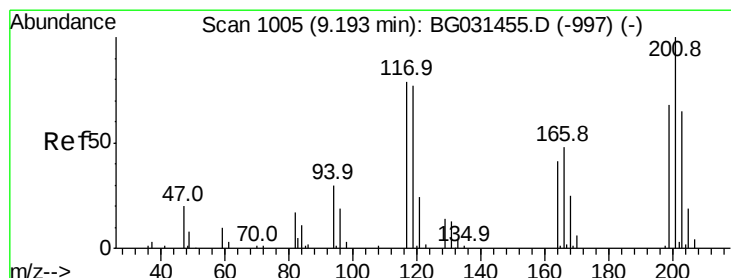
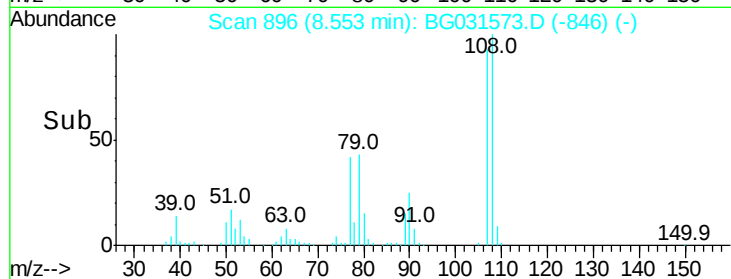
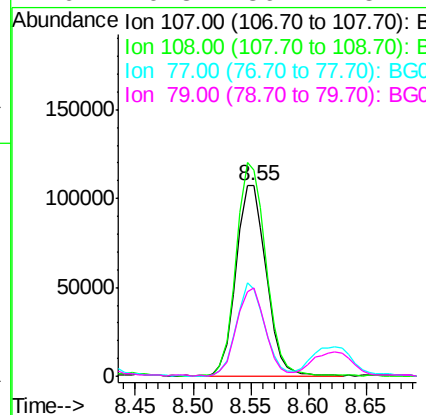
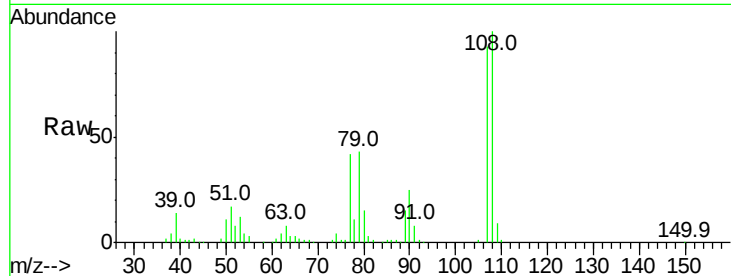
#17
2-Methylphenol
Concen: 47.360 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	83.9	125.9	
77	45.5	37.2	55.8	
79	46.3	36.2	54.2	

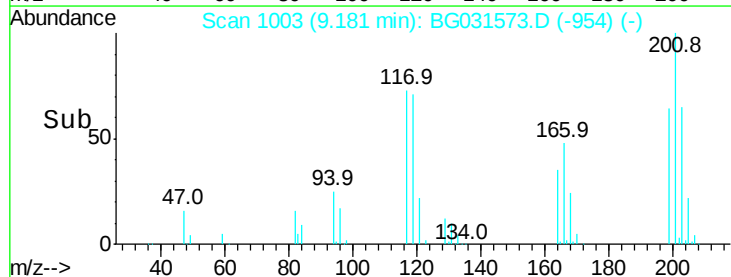
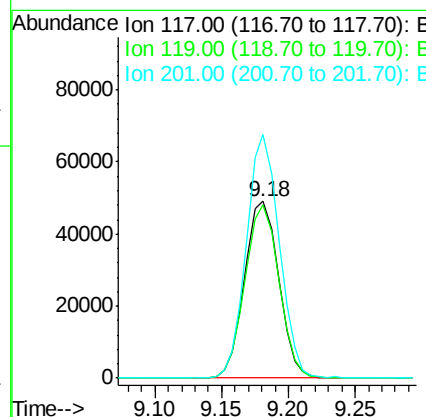
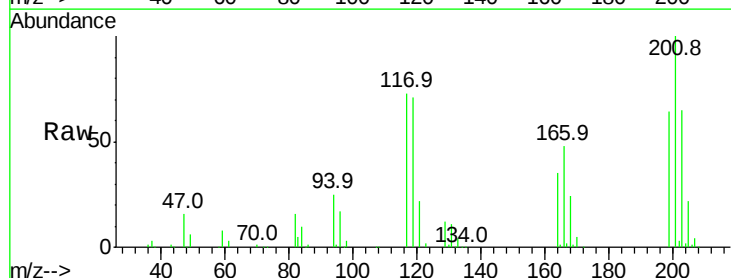
Manual Integrations
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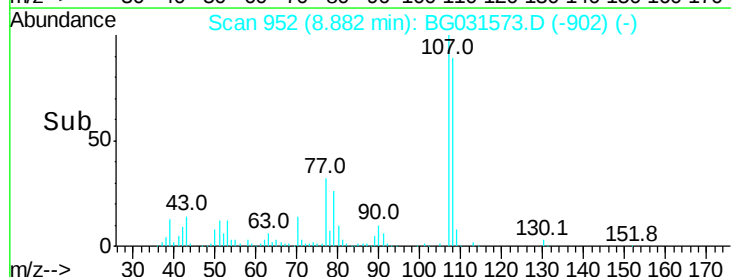
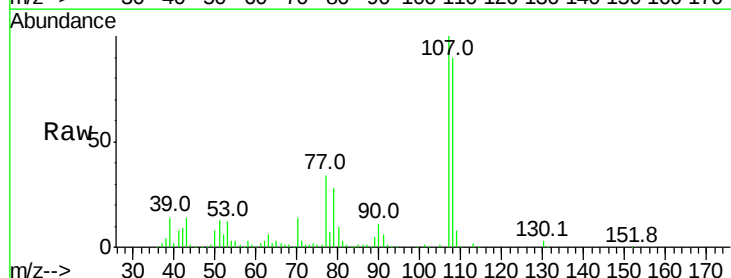
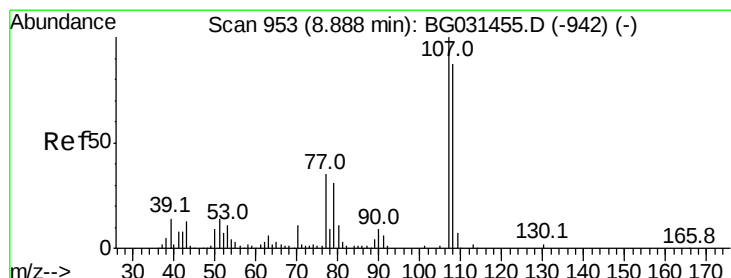
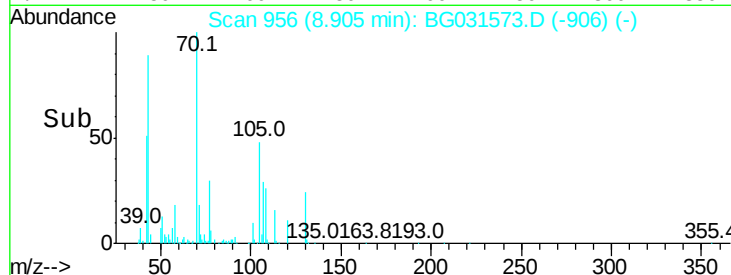
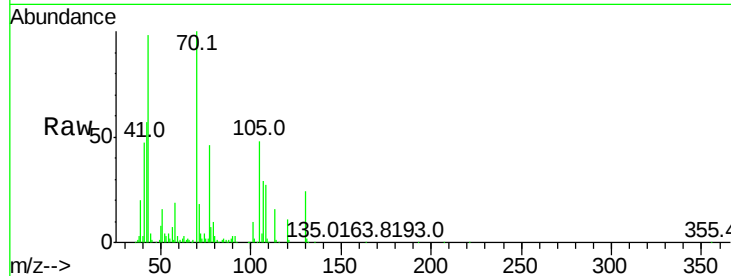
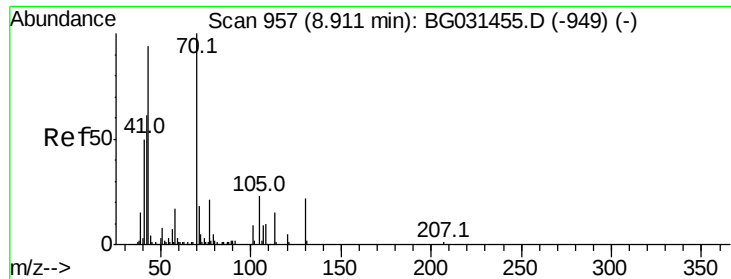
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#18
Hexachloroethane
Concen: 44.588 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	76.7	115.1	
201	137.6	95.7	143.5	





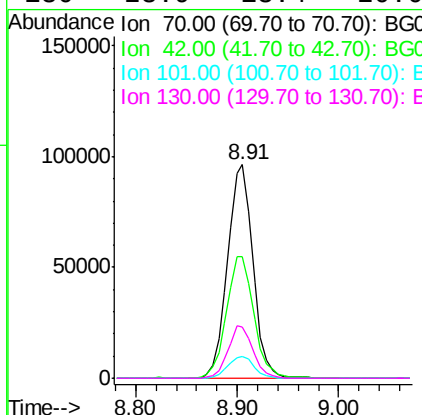
#19
n-Nitroso-di-n-propylamine
Concen: 36.431 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	49.1	73.7
101	10.0	8.5	12.7
130	23.9	13.4	20.0

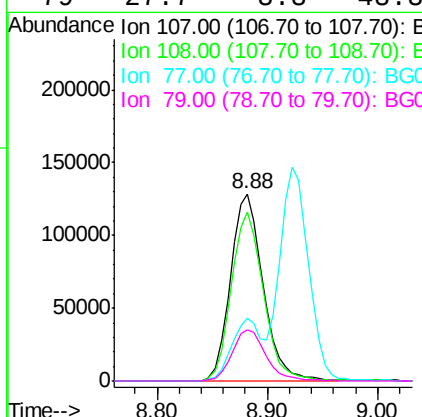
Manual Integrations
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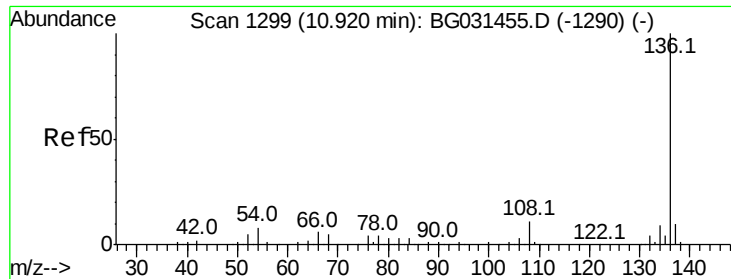
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#20
3+4-Methylphenols
Concen: 43.579 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	61.6	101.6
77	33.6	13.9	53.9
79	27.7	8.8	48.8





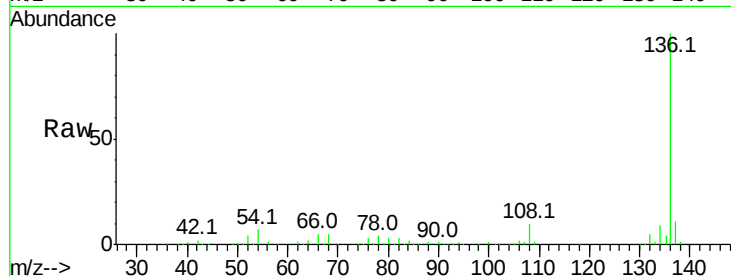
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	7.1	10.3	15.5#	
68	4.7	4.5	6.7	

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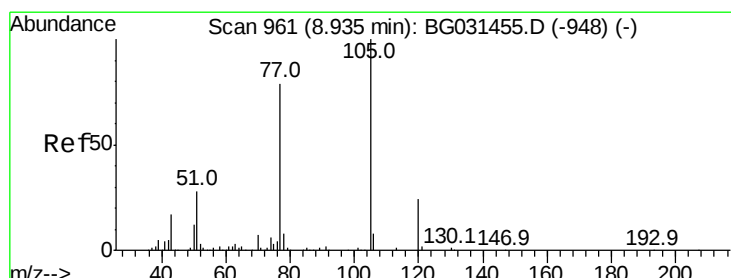
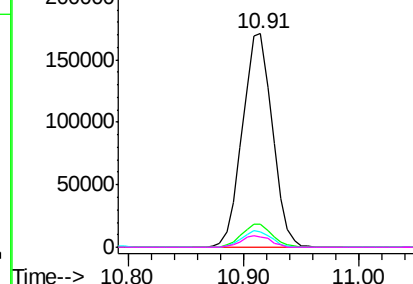
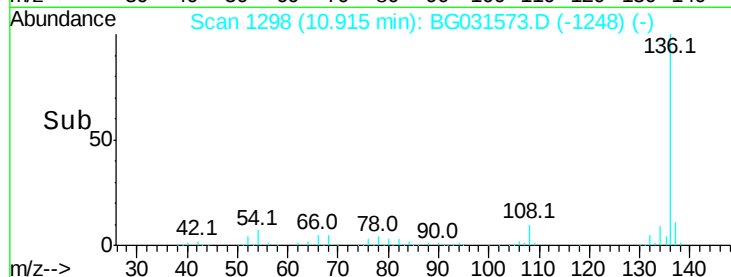
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

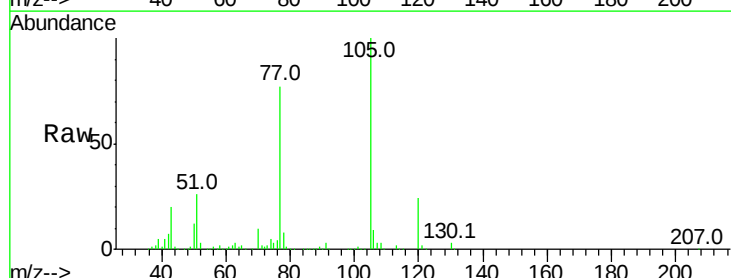
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.084 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	3.0	4.4#	
51	25.9	26.1	39.1#	
120	24.1	17.4	26.2	



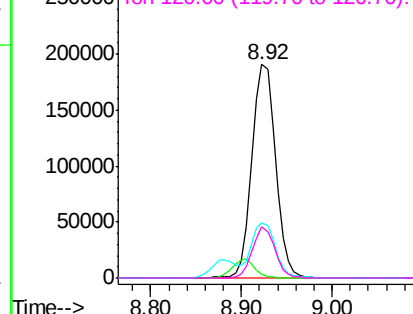
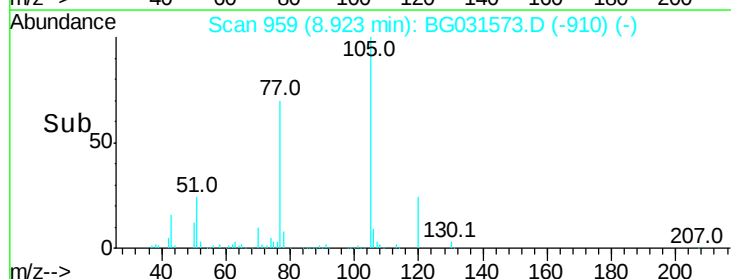
Abundance

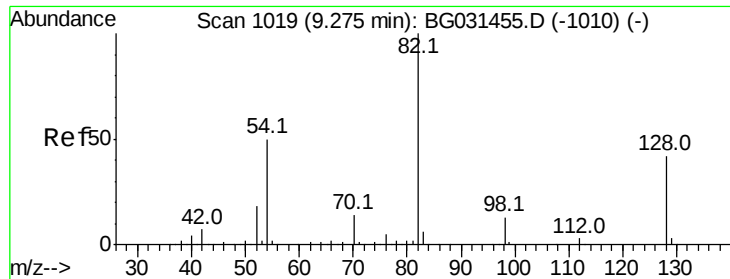
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





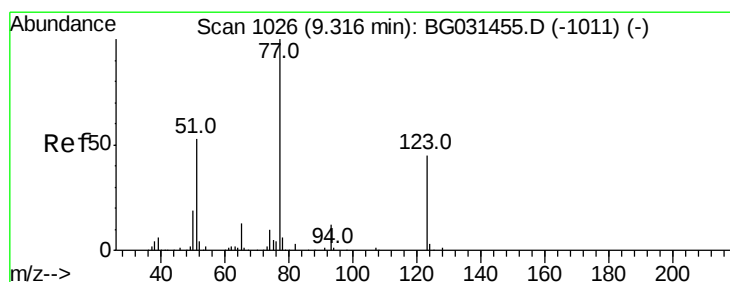
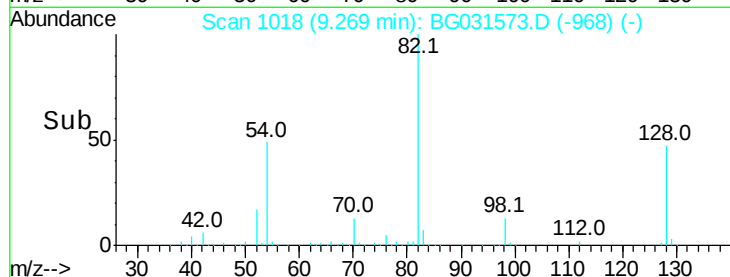
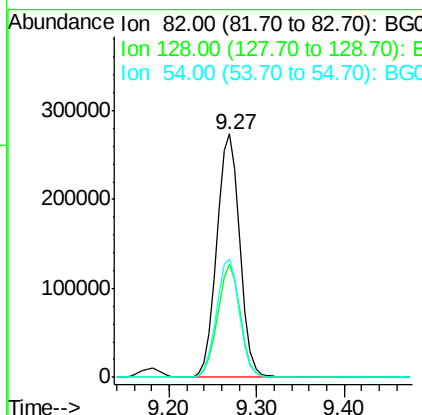
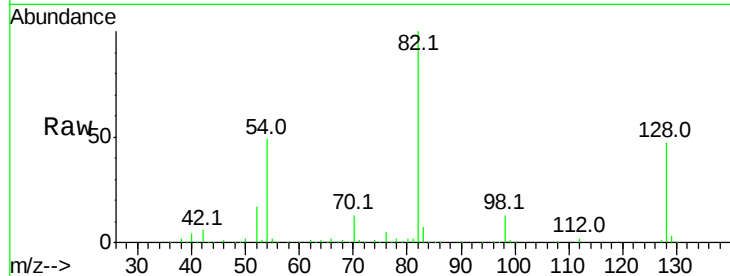
#23
Nitrobenzene-d5
Concen: 99.936 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	29.7	44.5#	
54	48.6	43.1	64.7	

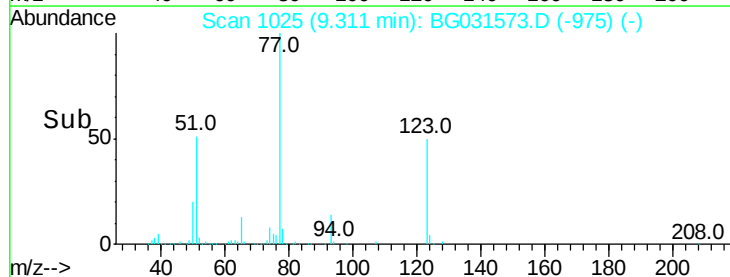
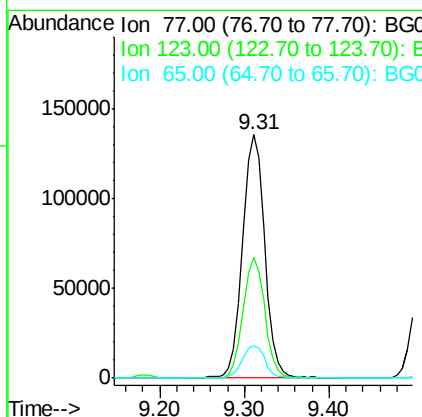
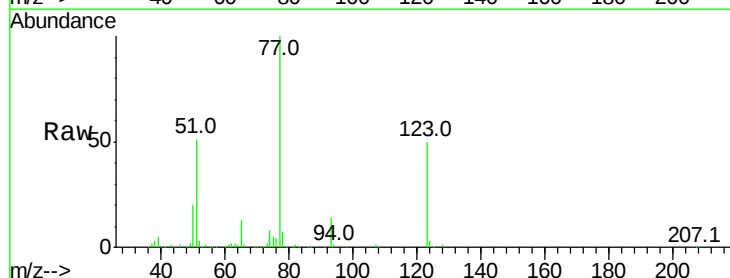
Manual Integrations
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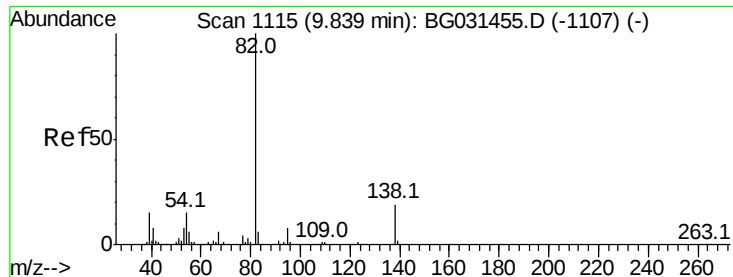
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#24
Nitrobenzene
Concen: 48.314 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.5	33.0	49.6	
65	13.2	13.0	19.6	





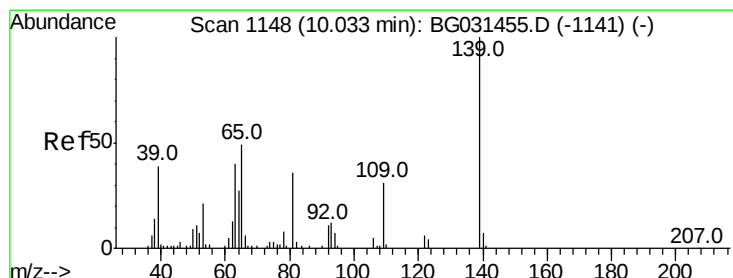
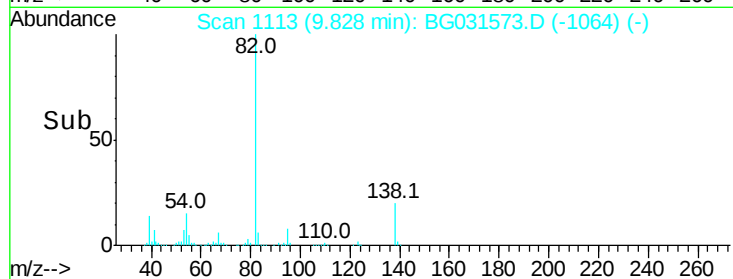
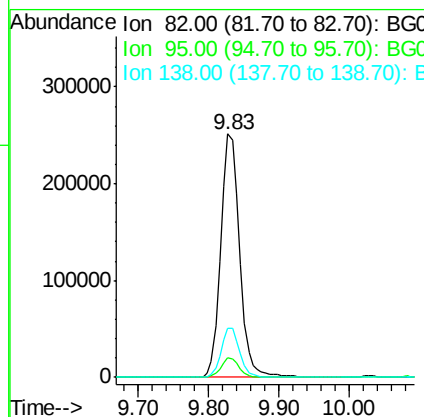
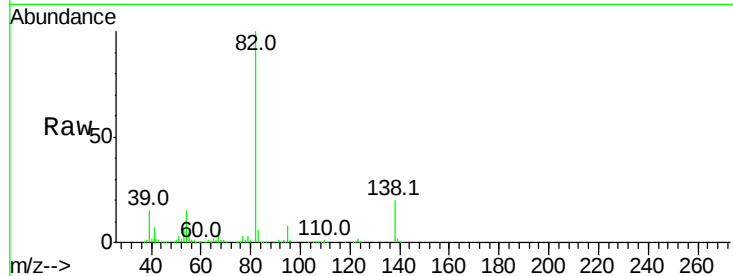
#25
Isophorone
Concen: 49.418 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.2	9.2	
138	20.0	12.1	18.1	

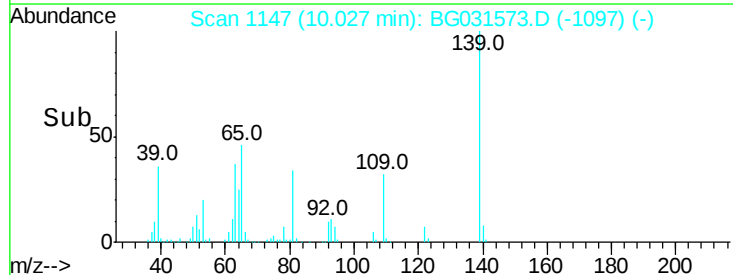
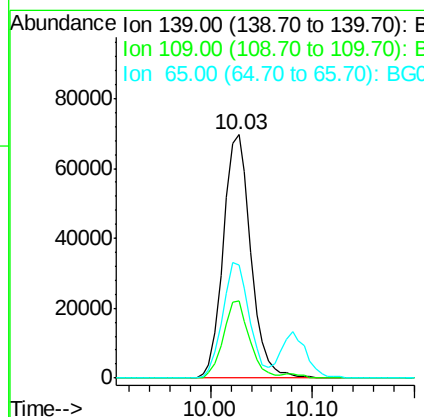
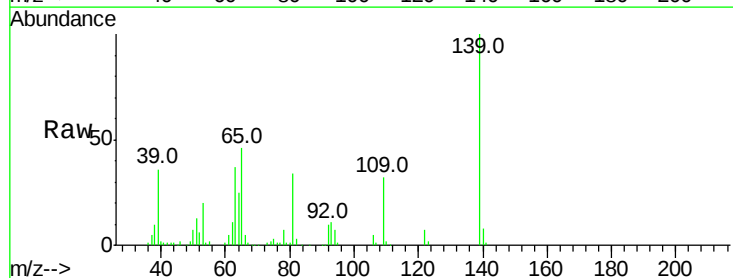
Manual Integrations
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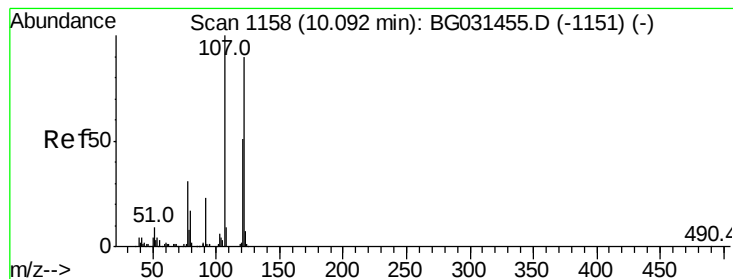
Sohil
12/15/2017 6:47:01 PM



#26
2-Nitrophenol
Concen: 51.945 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.9	24.2	36.2	
65	46.4	47.4	71.0	





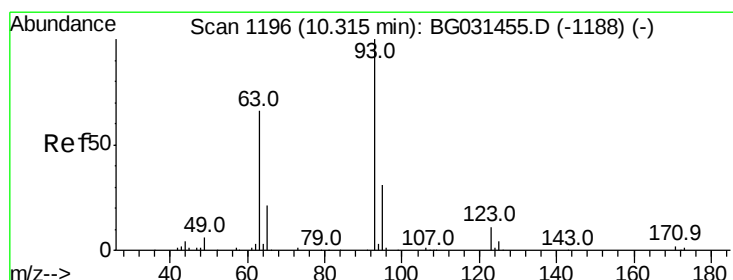
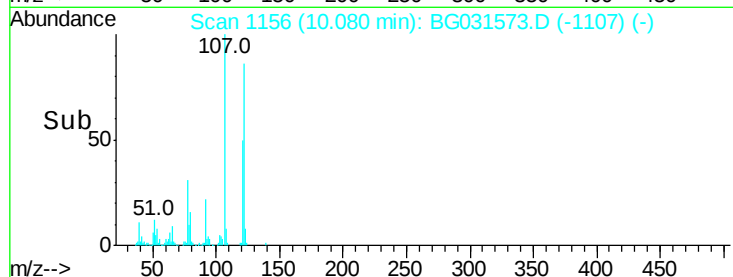
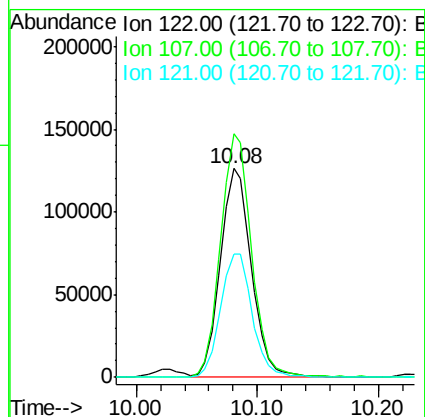
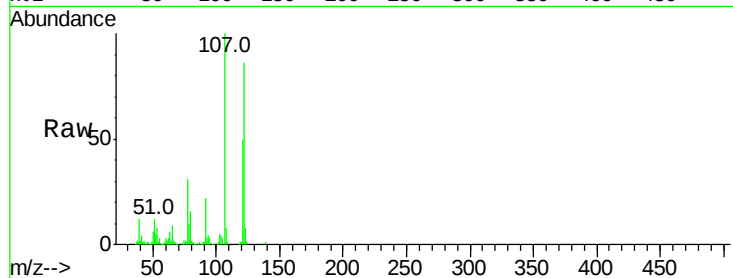
#27
2,4-Dimethylphenol
Concen: 58.009 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	223248		
107	116.8	100.2	150.2	
121	58.9	44.4	66.6	

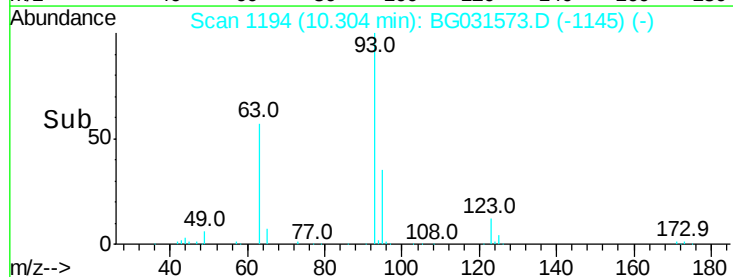
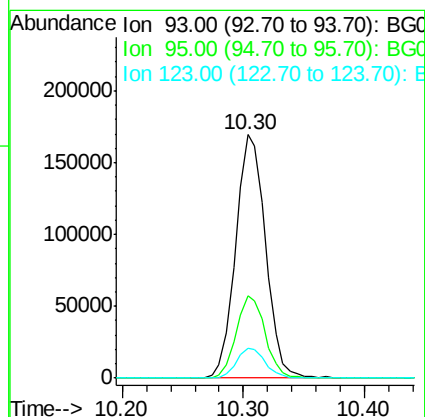
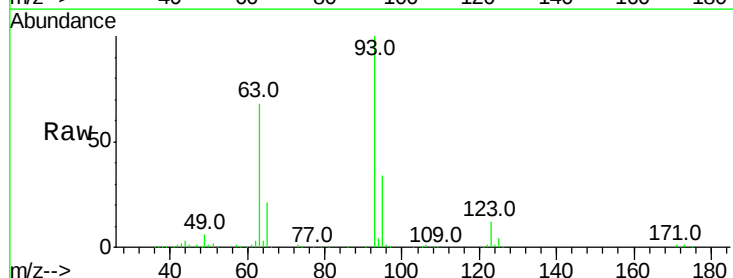
Manual Integrations
APPROVED

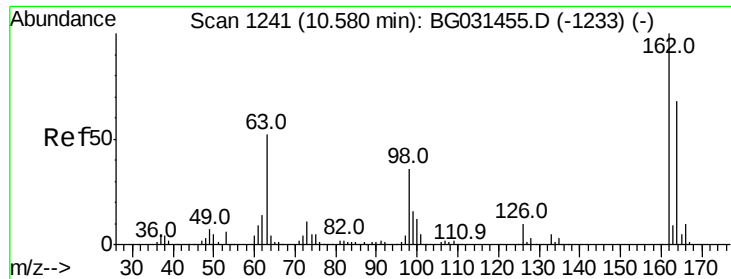
Sohil
12/15/2017 6:47:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.929 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	292379		
95	33.7	24.3	36.5	
123	12.1	8.4	12.6	





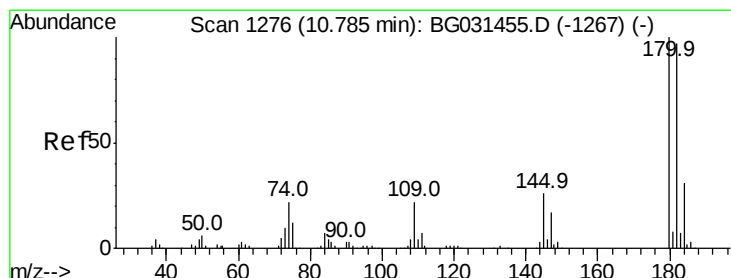
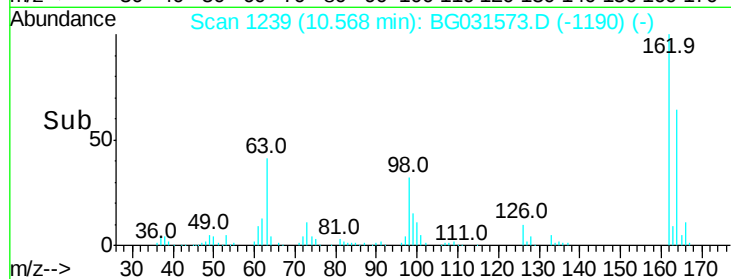
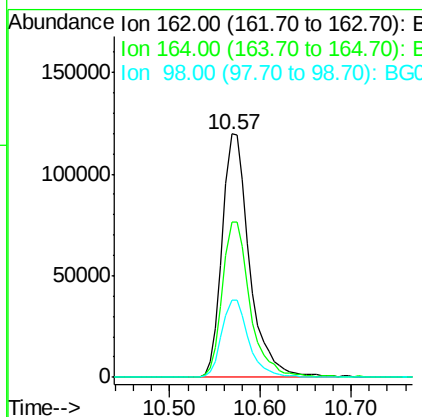
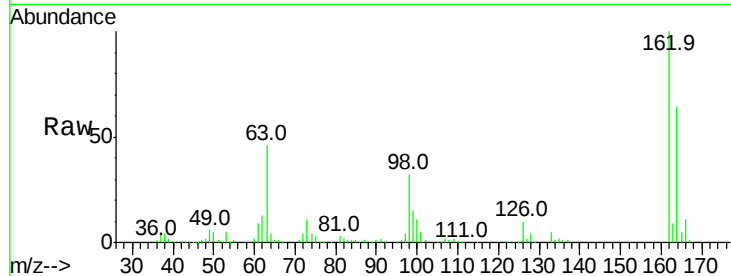
#29
 2,4-Dichlorophenol
 Concen: 55.523 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	251752		
164	63.9	48.0	88.0	
98	31.7	21.1	61.1	

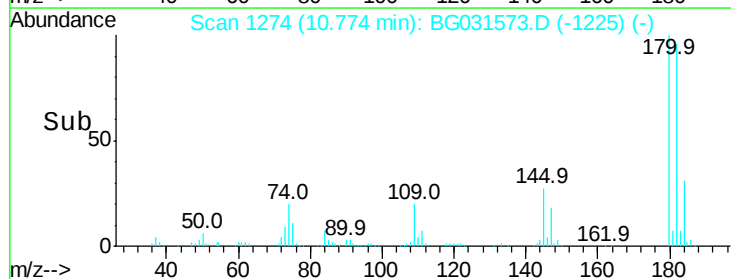
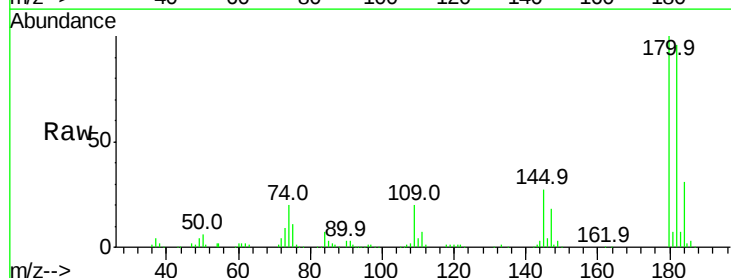
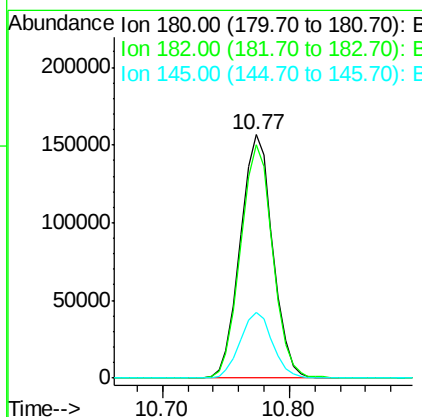
Manual Integrations
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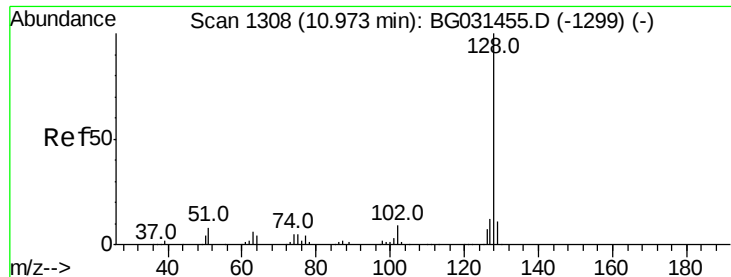
Sohil
 12/15/2017 6:47:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.802 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	276859		
182	95.9	77.5	116.3	
145	26.9	23.4	35.2	





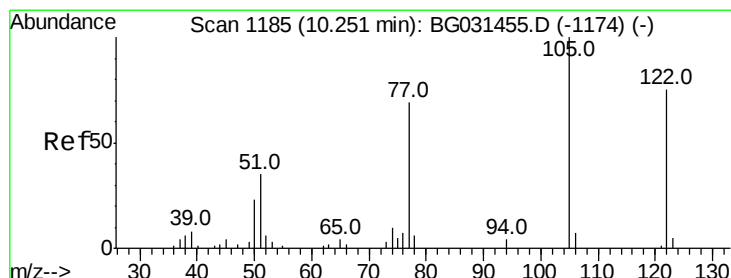
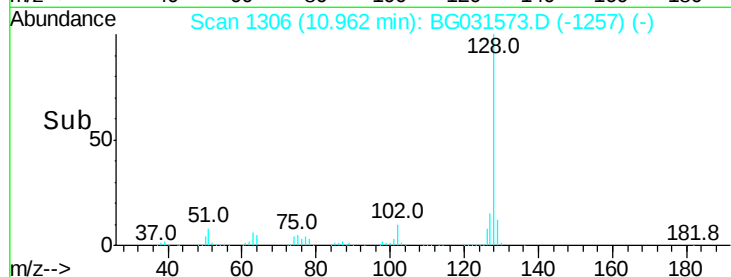
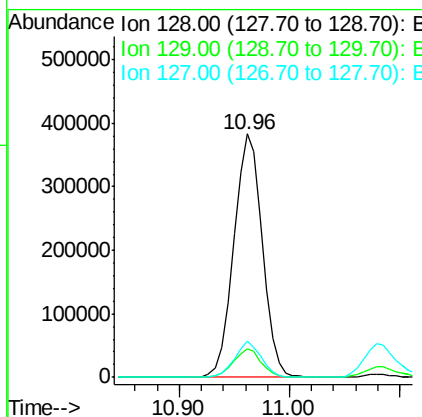
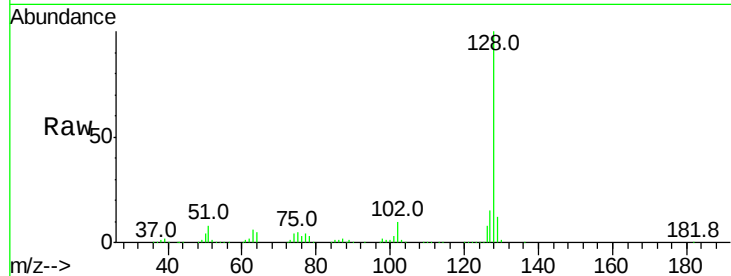
#31
Naphthalene
Concen: 45.624 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion:	128	Resp:	690730
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.6	12.8
127	14.9	11.6	17.4

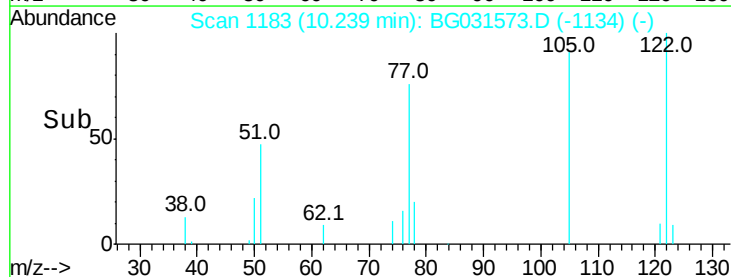
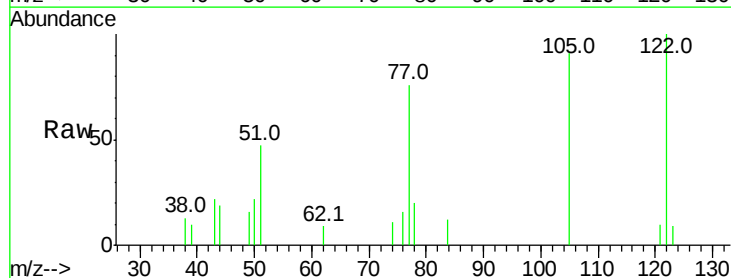
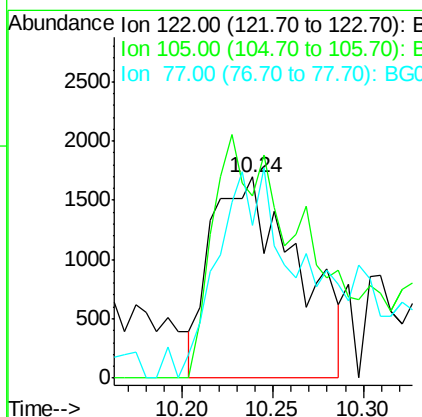
Manual Integrations
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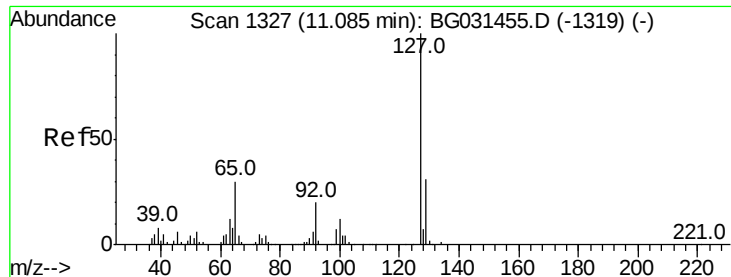
Sohil
12/15/2017 6:47:01 PM



#32
Benzoic acid
Concen: 9.685 ng m
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion:	122	Resp:	5560
Ion Ratio	Lower	Upper	
122	100		
105	90.9	123.5	163.5#
77	75.8	85.7	125.7#





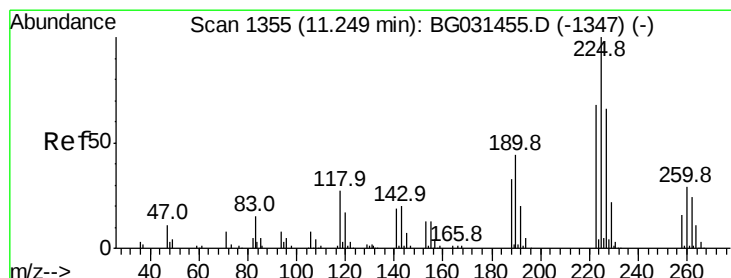
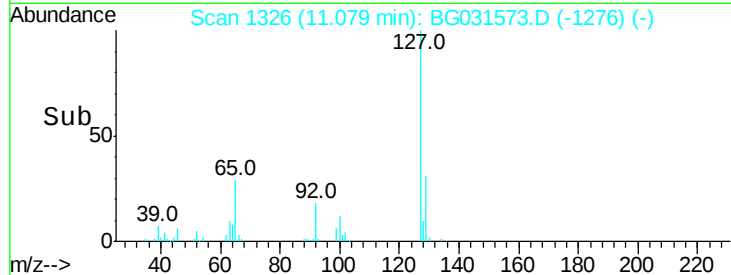
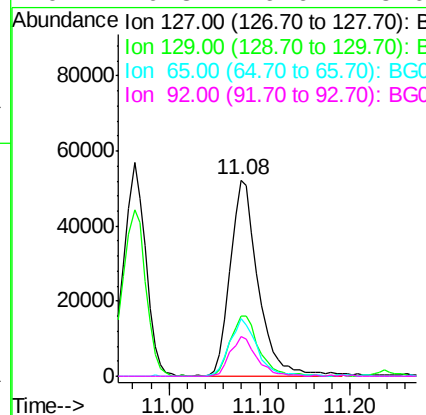
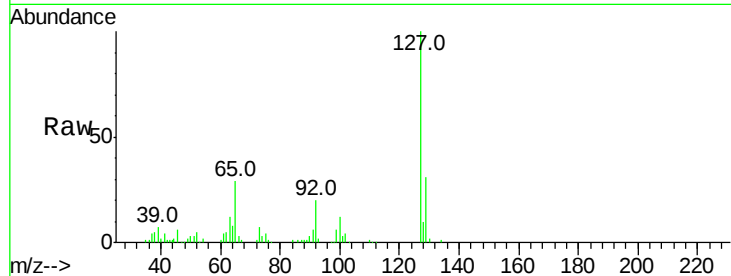
#33
4-Chloroaniline
Concen: 17.120 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	29.0	27.0	40.4
92	20.3	16.6	25.0

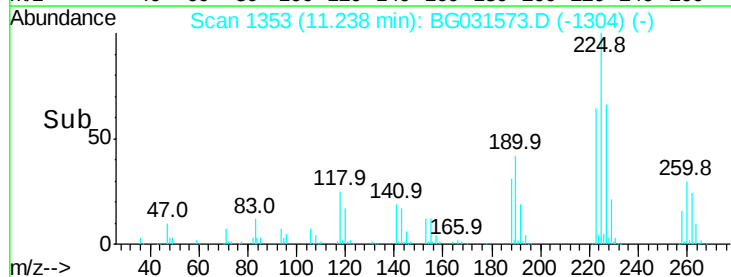
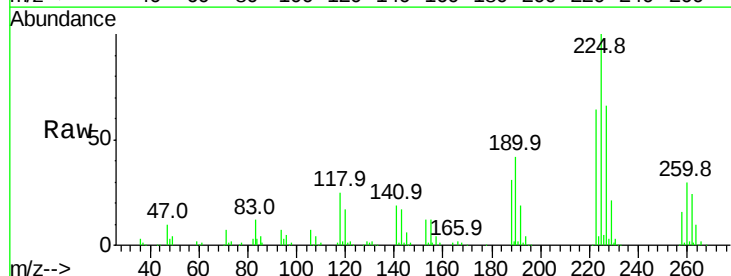
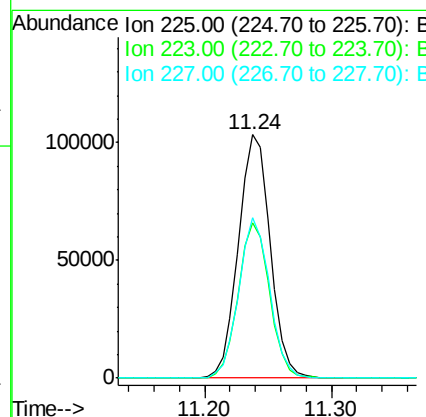
Manual Integrations
APPROVED

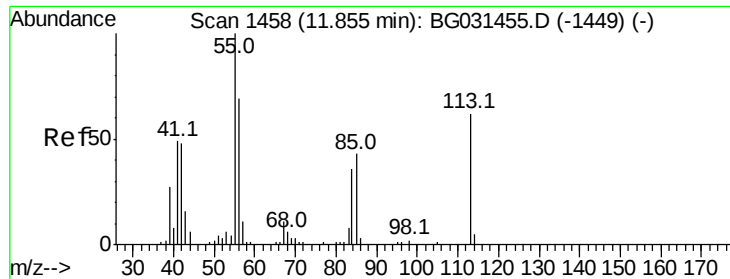
Sohil
12/15/2017 6:47:01 PM



#34
Hexachlorobutadiene
Concen: 46.574 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	66.1	48.1	72.1





#35

Caprolactam

Concen: 49.700 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:113 Resp: 88487

Ion Ratio Lower Upper

113 100

55 161.4 186.9 226.9#

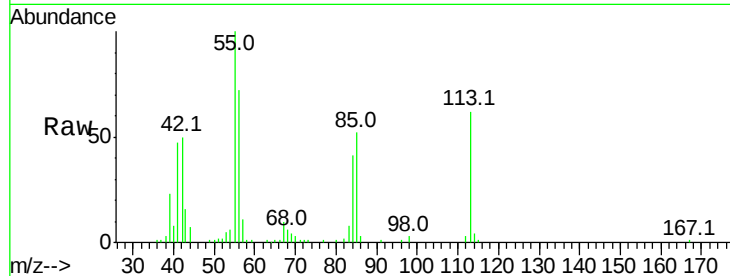
56 116.2 130.9 170.9#

Manual Integrations

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Sohil

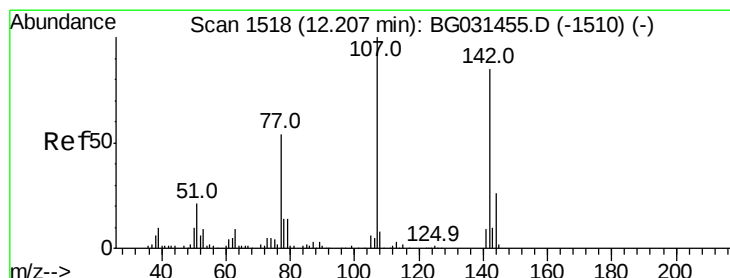
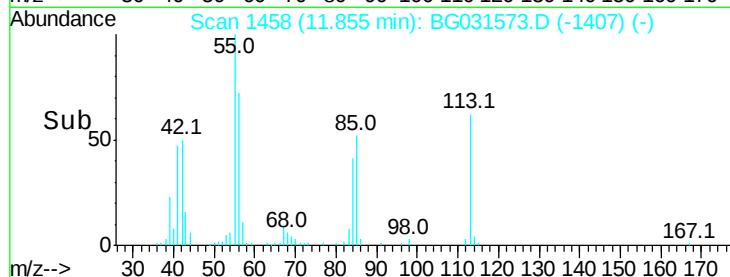
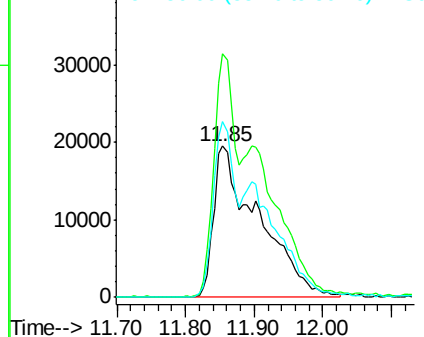
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031455.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG031455.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.288 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

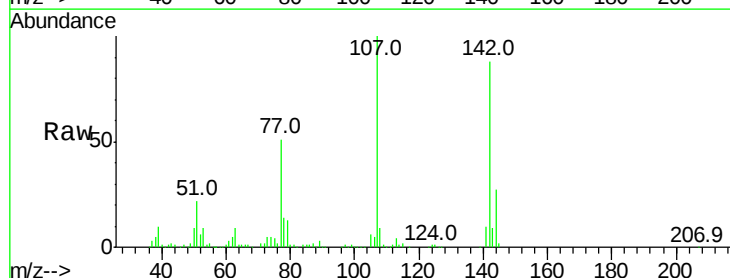
Tgt Ion:107 Resp: 249920

Ion Ratio Lower Upper

107 100

144 27.2 18.2 27.4

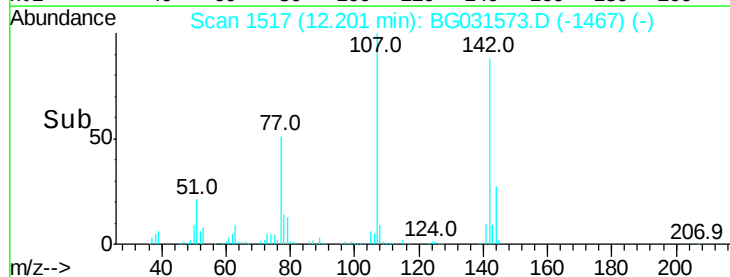
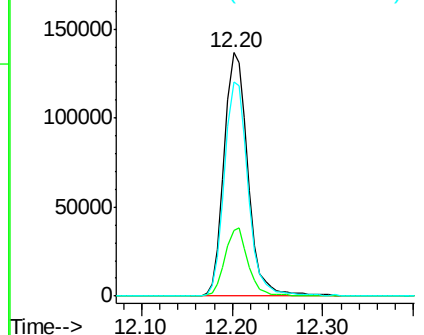
142 87.8 59.0 88.4

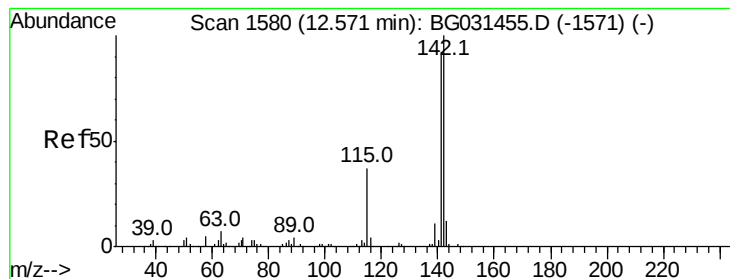


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.345 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:142 Resp: 531539

Ion Ratio Lower Upper

142 100

141 88.7 67.1 100.7

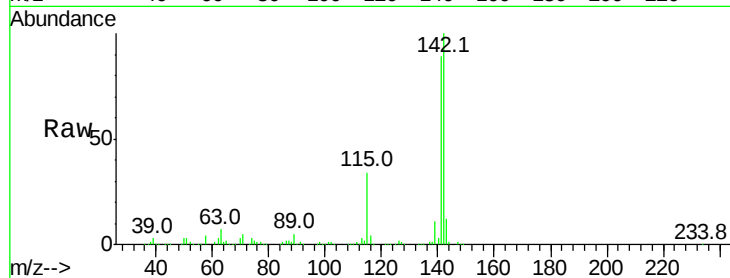
115 33.8 30.7 46.1

Manual Integrations

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Sohil

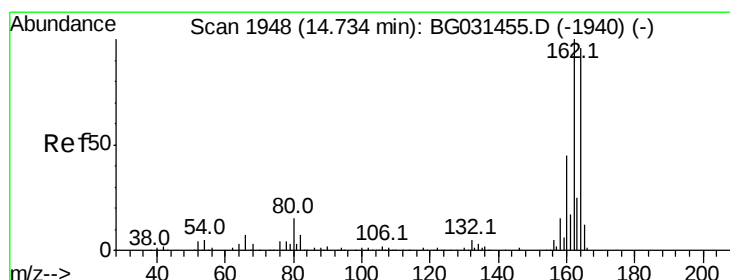
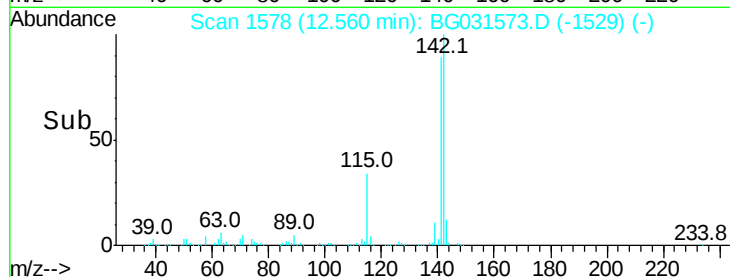
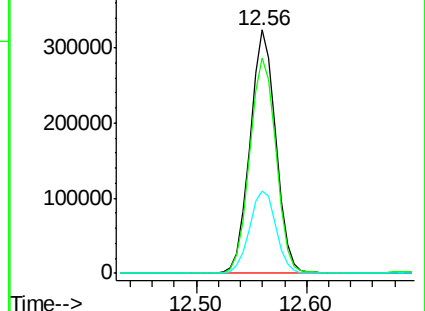
12/15/2017 6:47:01 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

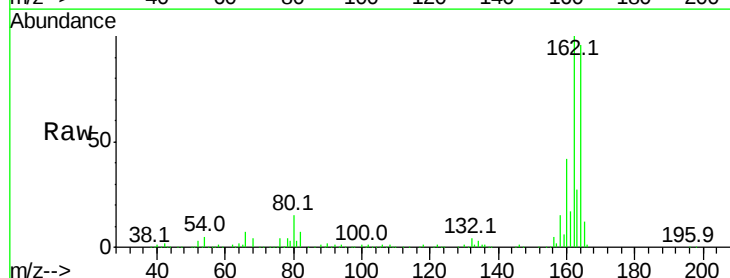
Tgt Ion:164 Resp: 204673

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

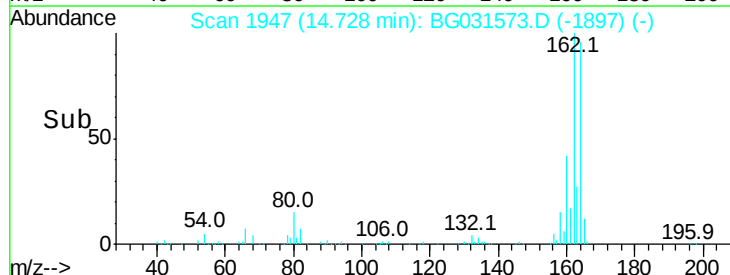
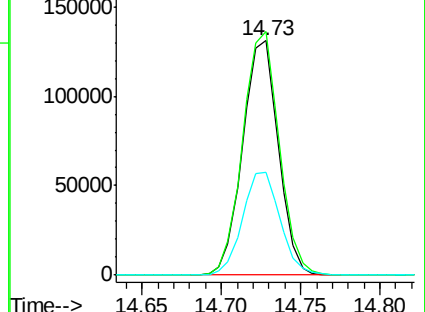
160 44.0 35.4 53.0

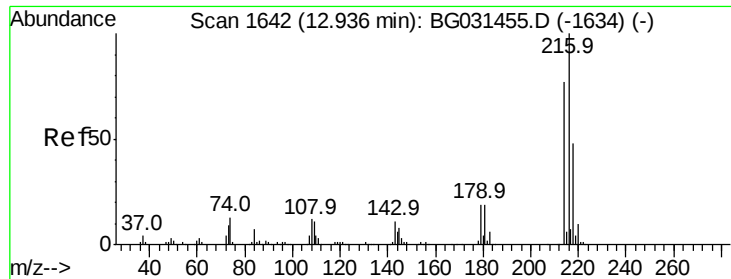


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





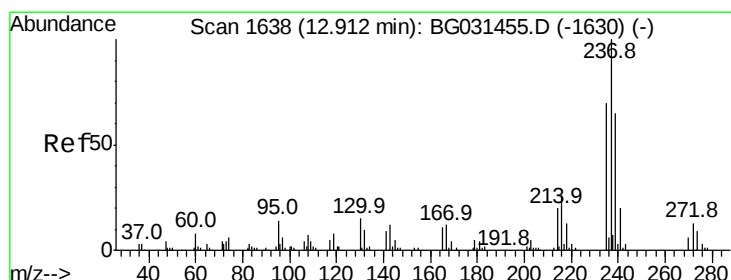
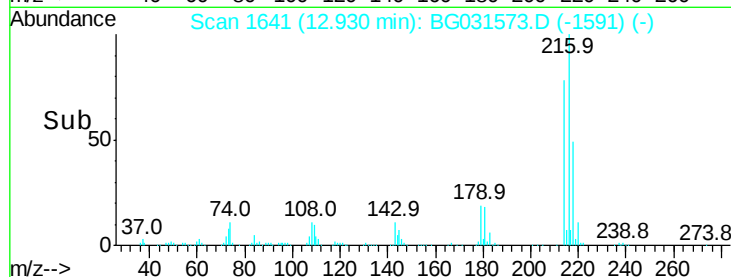
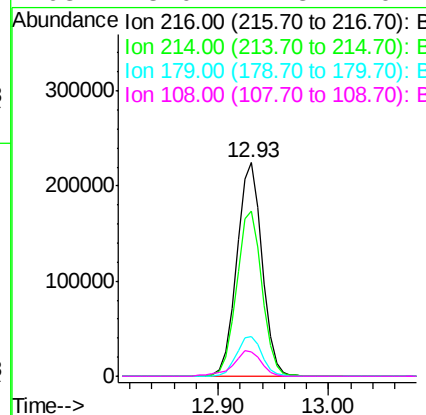
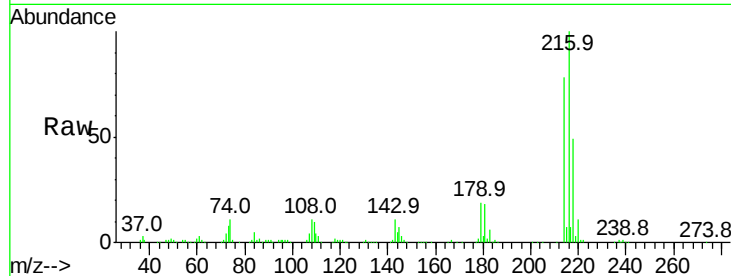
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.978 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	359783		
214	77.6	63.0	94.4	
179	18.9	17.0	25.6	
108	13.0	12.8	19.2	

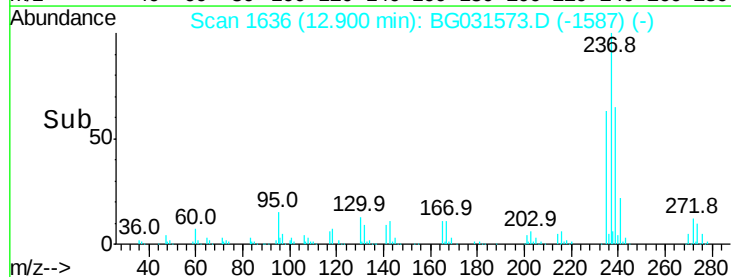
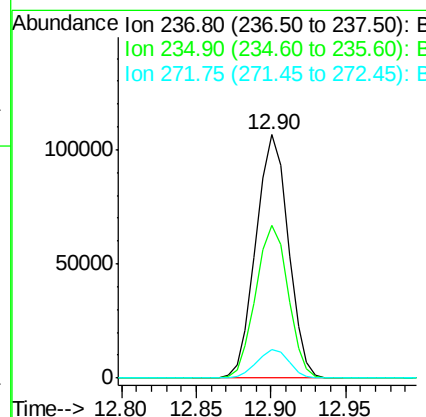
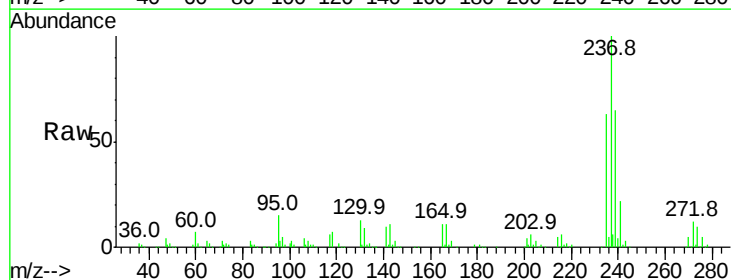
Manual Integrations
 APPROVED

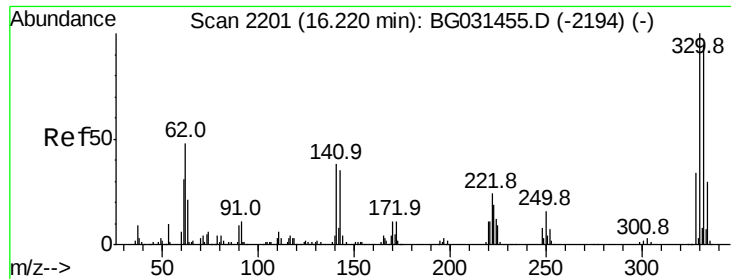
Sohil
 12/15/2017 6:47:01 PM



#40
 Hexachlorocyclopentadiene
 Concen: 64.415 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	159557		
235	62.9	50.4	90.4	
272	11.5	0.0	31.8	





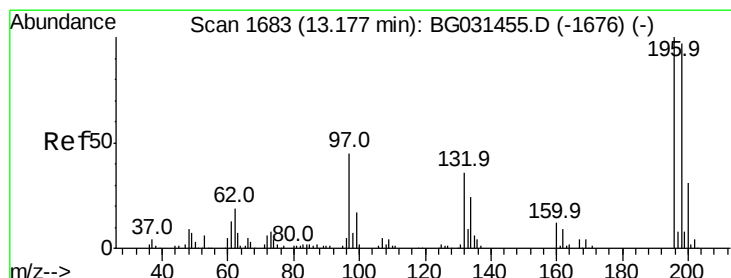
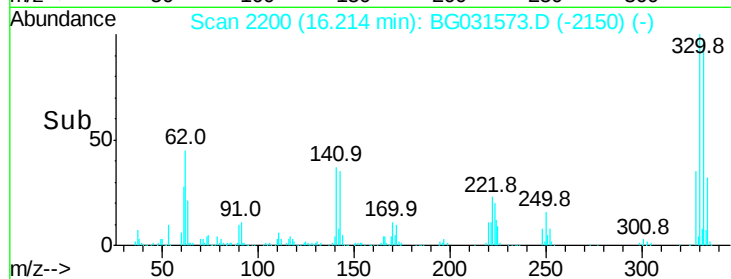
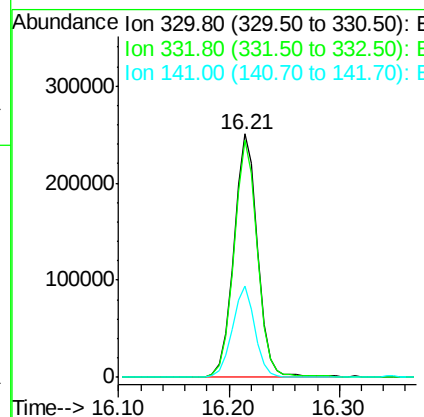
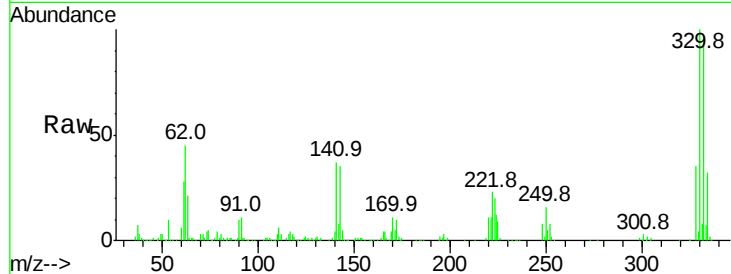
#41
 2,4,6-Tribromophenol
 Concen: 157.358 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	36.2	25.2	37.8	

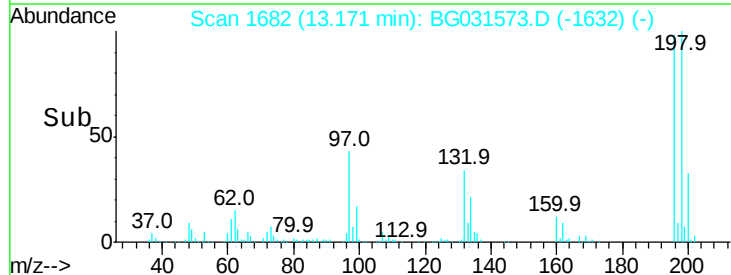
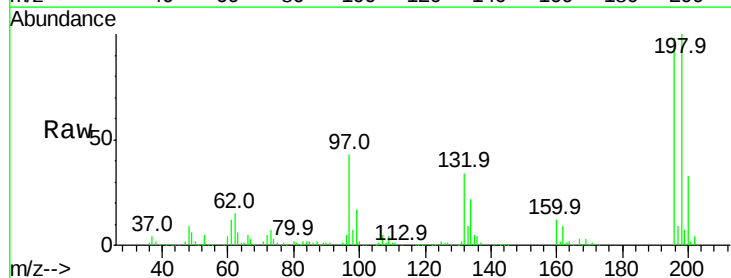
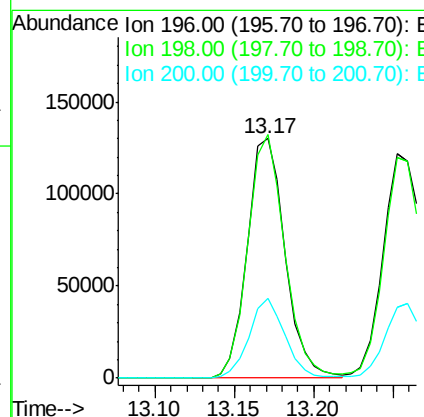
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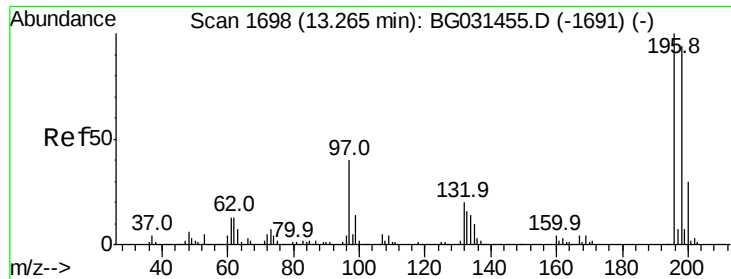
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 52.732 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.8	78.2	117.2	
200	33.5	24.6	36.8	





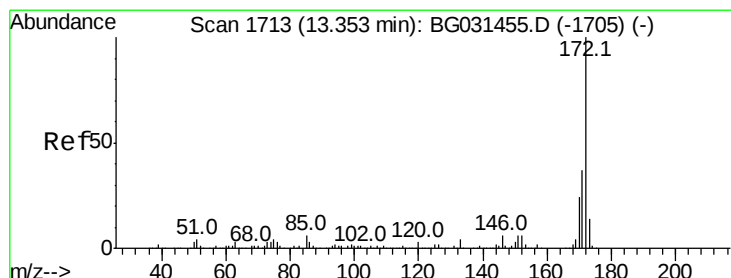
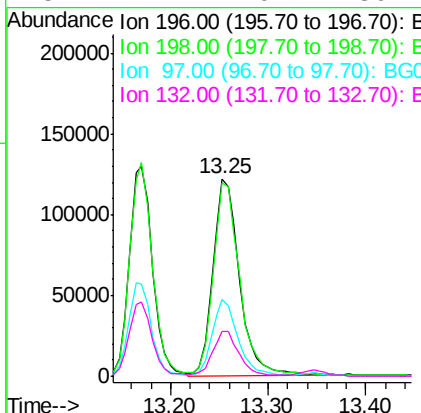
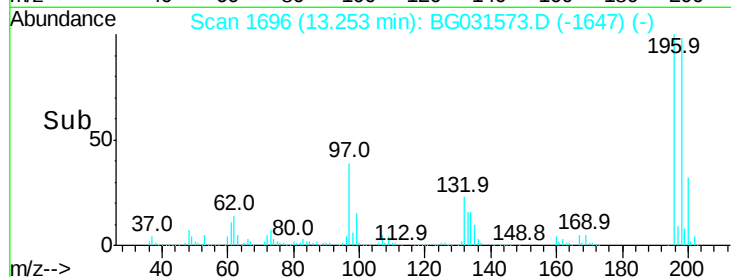
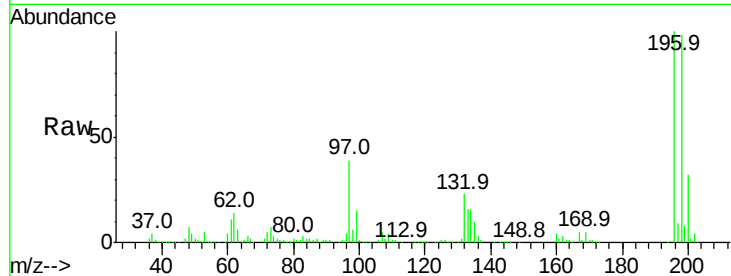
#43
 2,4,5-Trichlorophenol
 Concen: 51.914 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228544		
198	98.2	76.2	114.4	
97	38.7	38.7	58.1#	
132	22.7	20.2	30.2	

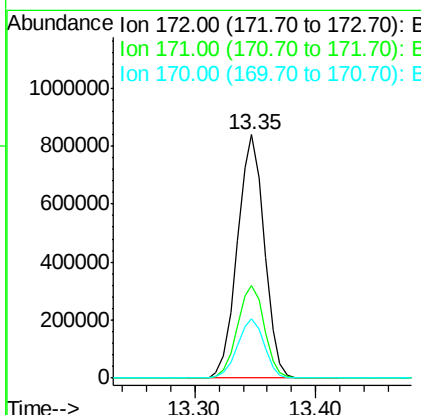
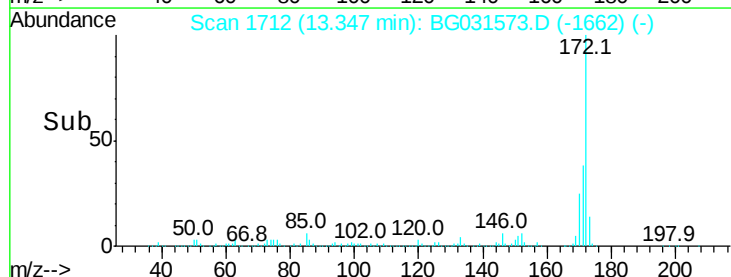
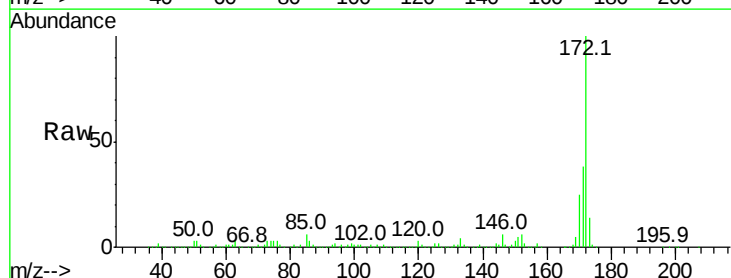
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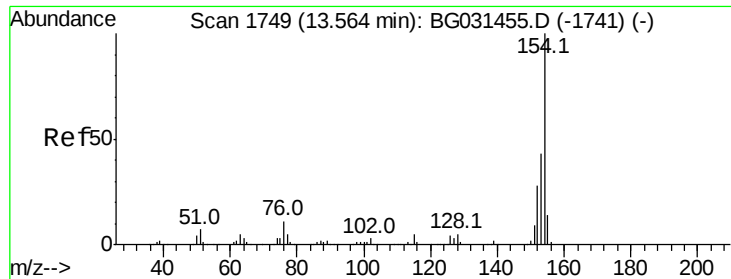
Sohil
 12/15/2017 6:47:01 PM



#44
 2-Fluorobiphenyl
 Concen: 93.428 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1302723		
171	37.9	30.0	45.0	
170	24.6	19.5	29.3	





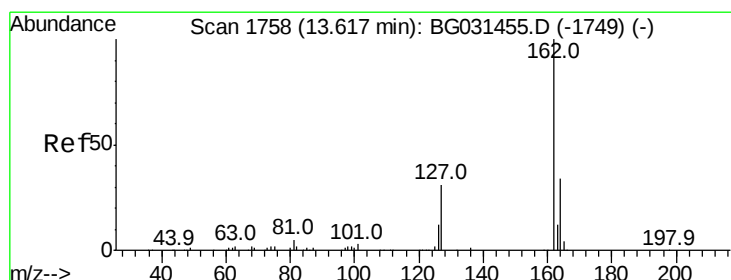
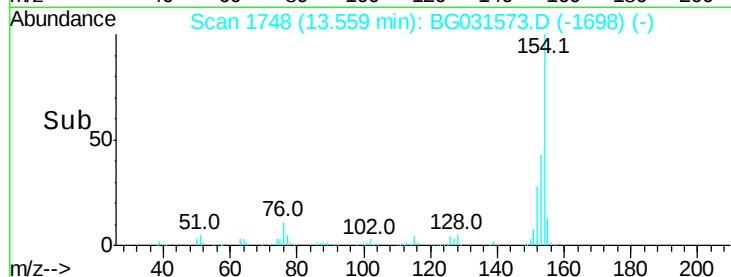
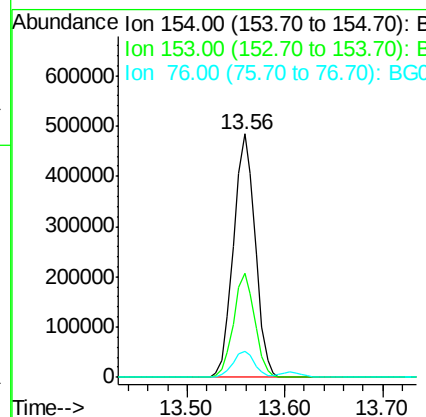
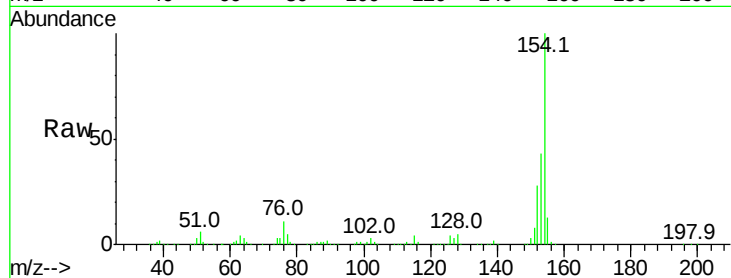
#45
1,1'-Biphenyl
Concen: 44.258 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.8	59.8
76	10.6	0.0	31.9

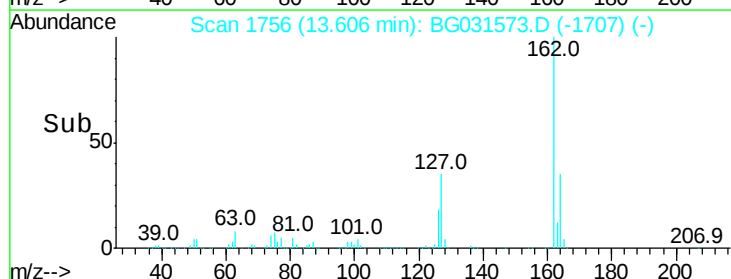
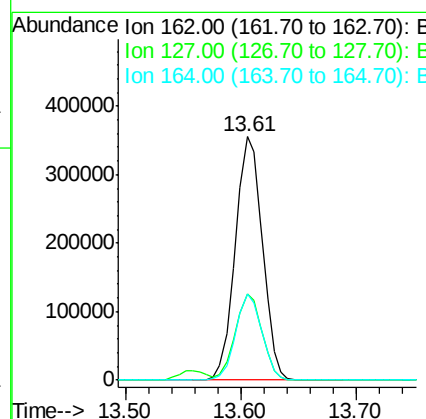
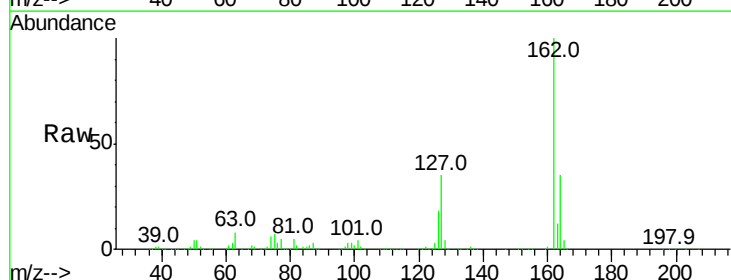
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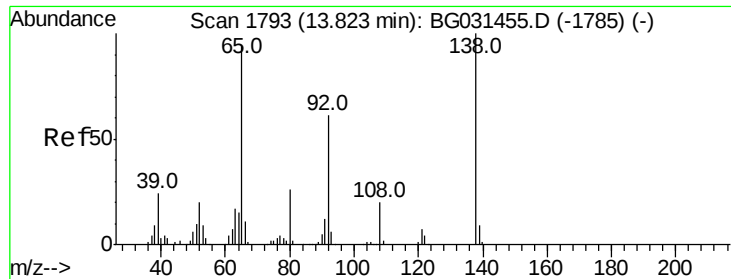
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#46
2-Chloronaphthalene
Concen: 46.994 ng
RT: 13.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.7	46.1
164	35.3	26.0	39.0





#47

2-Nitroaniline

Concen: 48.023 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

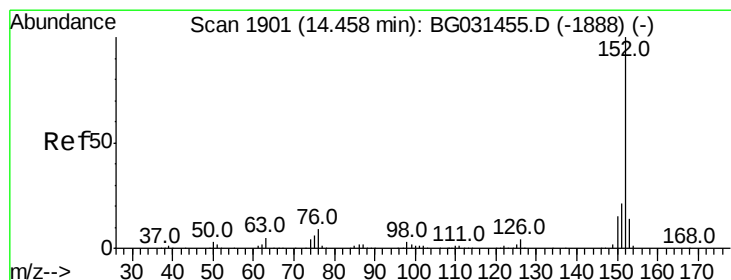
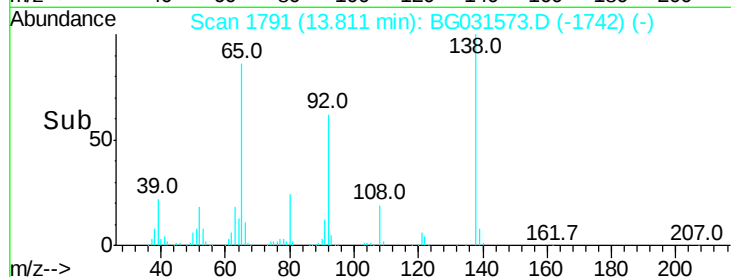
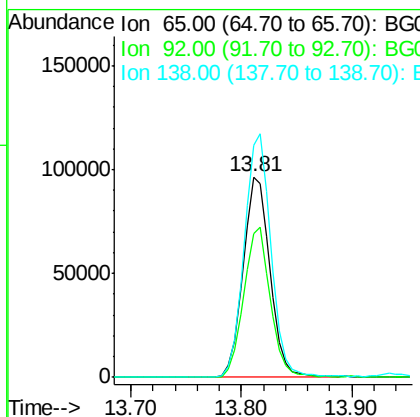
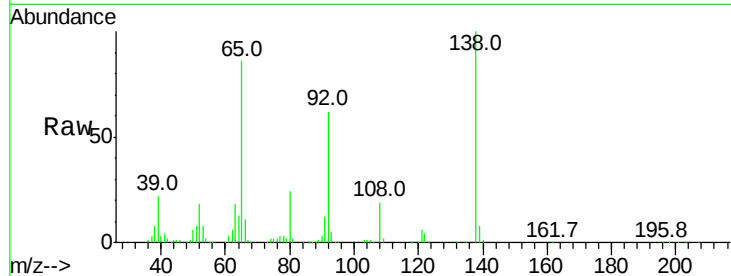
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.6	82.0
138	115.9	72.9	109.3

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#48

Acenaphthylene

Concen: 43.444 ng

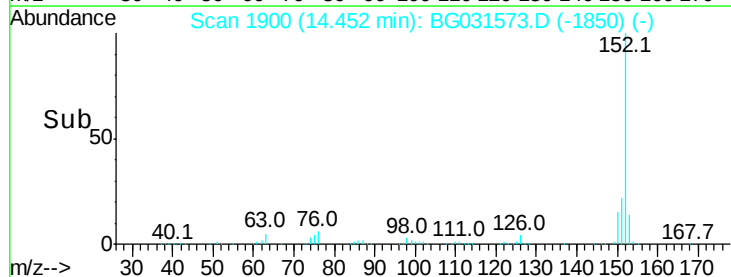
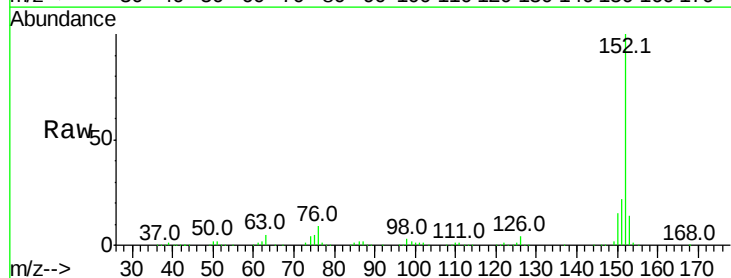
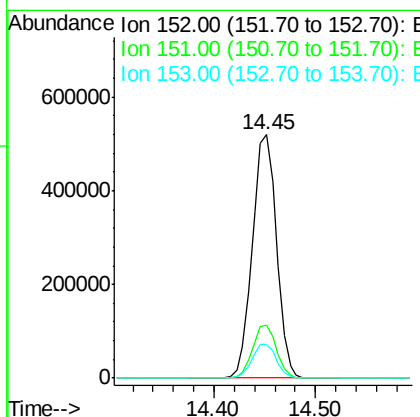
RT: 14.45 min Scan# 1900

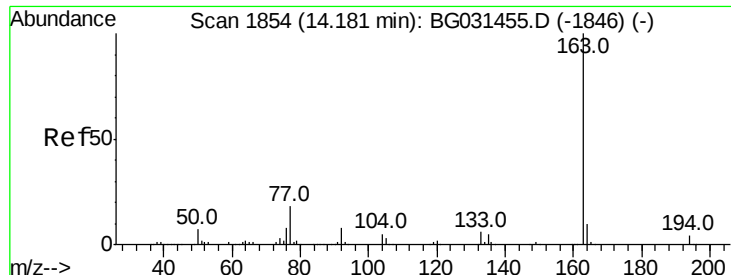
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	14.0	10.2	15.4





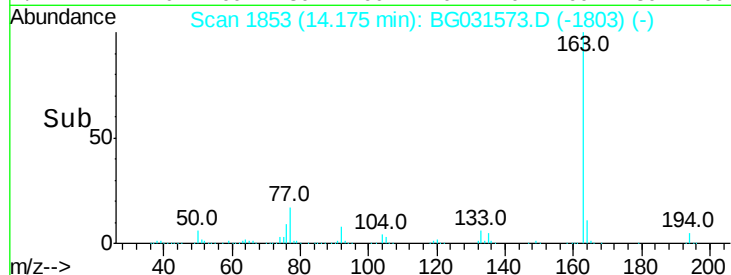
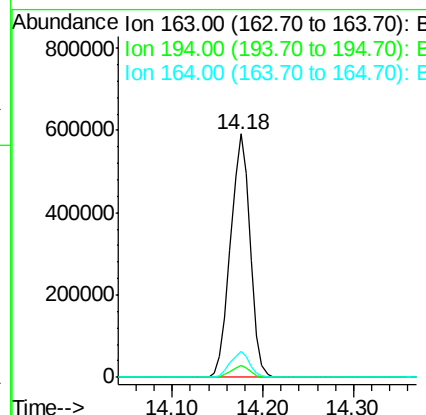
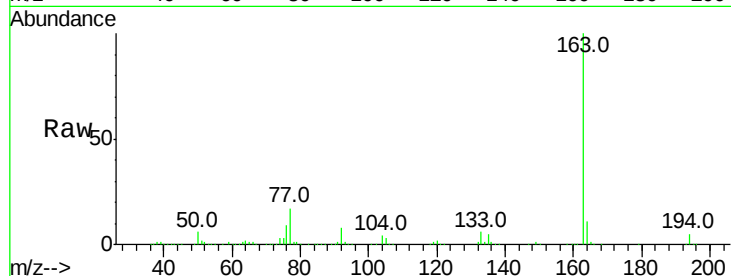
#49
Dimethylphthalate
Concen: 52.415 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	888167		
194	5.0		3.4	5.2
164	10.8		8.2	12.4

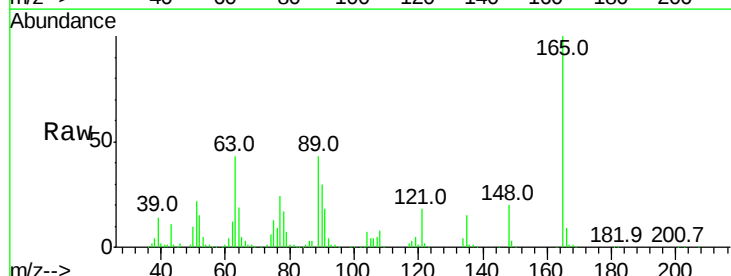
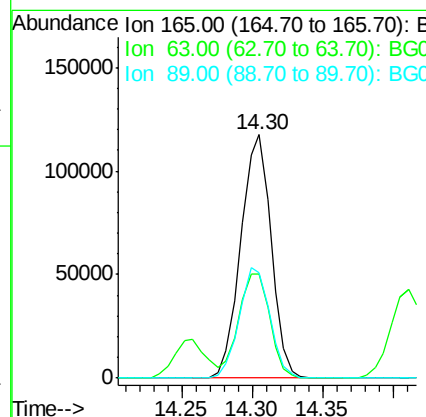
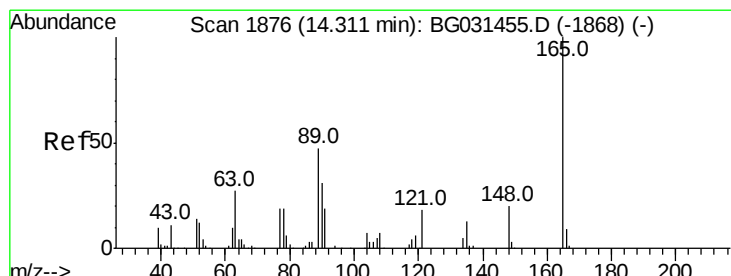
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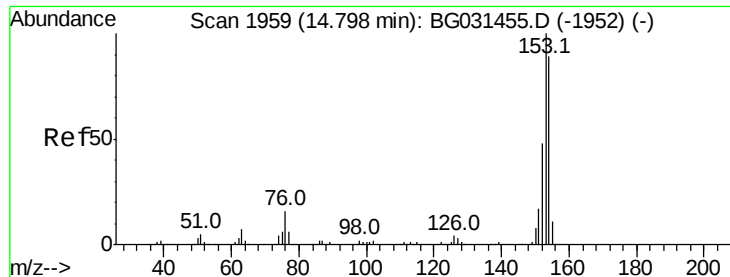
Sohil
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#50
2,6-Dinitrotoluene
Concen: 48.826 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176842		
63	42.6		52.7	79.1#
89	43.4		49.2	73.8#





#51

Acenaphthene

Concen: 43.272 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

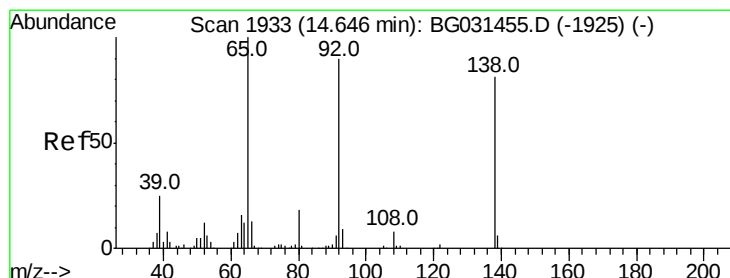
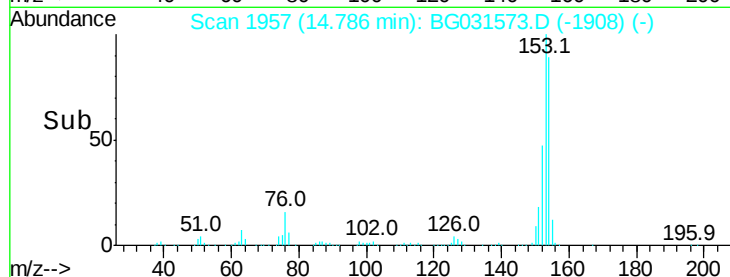
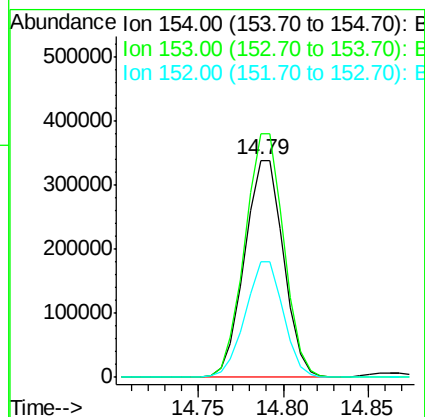
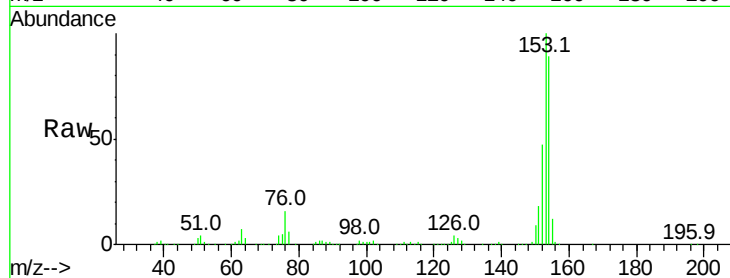
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:	154	Resp:	541695
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.4	135.6
152	53.1	41.6	62.4

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#52

3-Nitroaniline

Concen: 30.012 ng

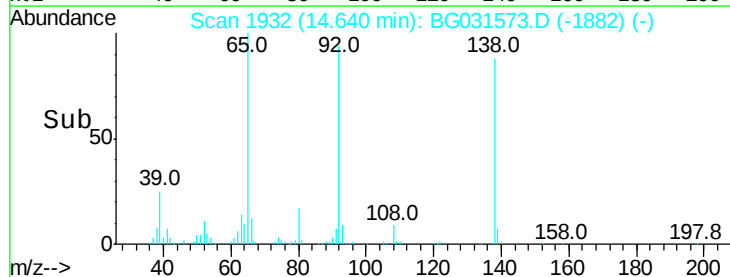
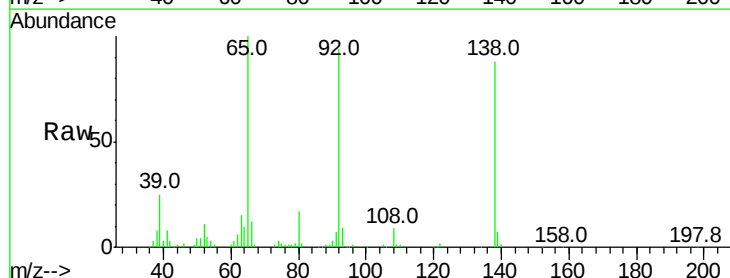
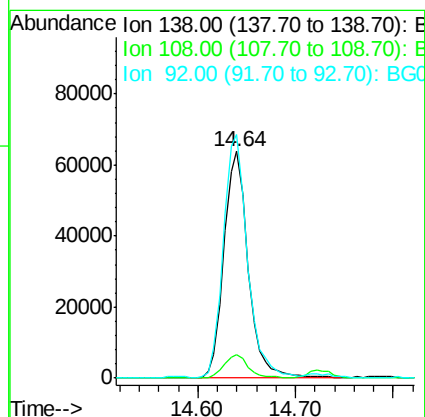
RT: 14.64 min Scan# 1932

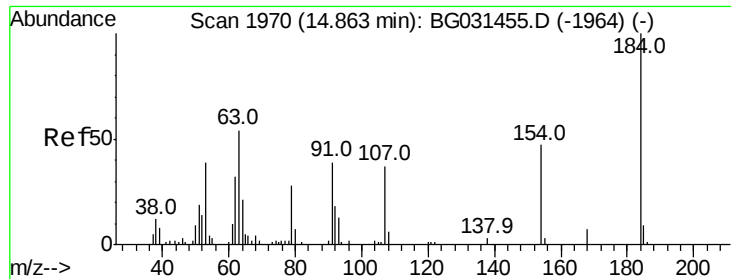
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion:	138	Resp:	110808
Ion Ratio	Lower	Upper	
138	100		
108	10.1	17.5	26.3#
92	107.4	105.8	158.8





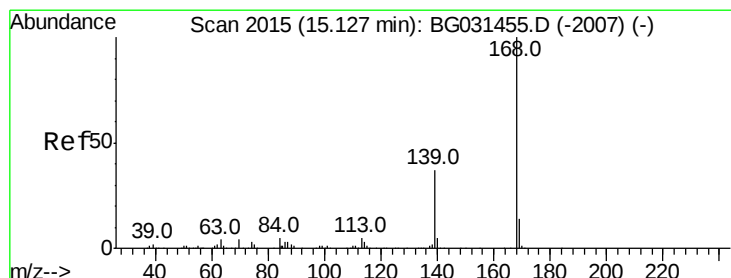
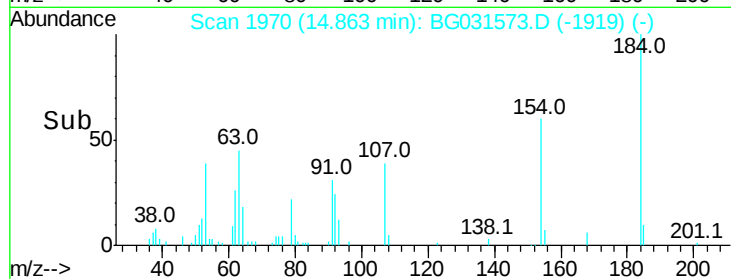
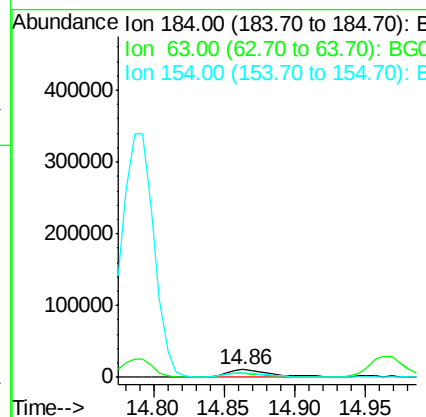
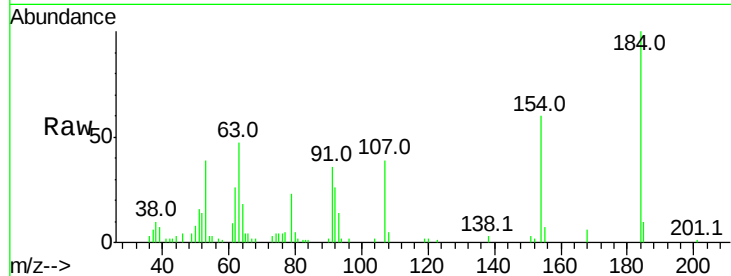
#53
 2,4-Dinitrophenol
 Concen: 23.747 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.8	59.8	89.8#
154	60.3	101.8	152.8#

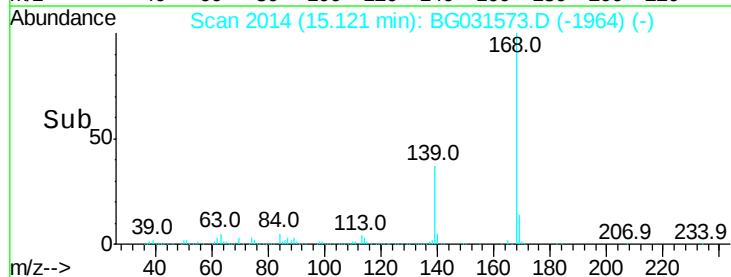
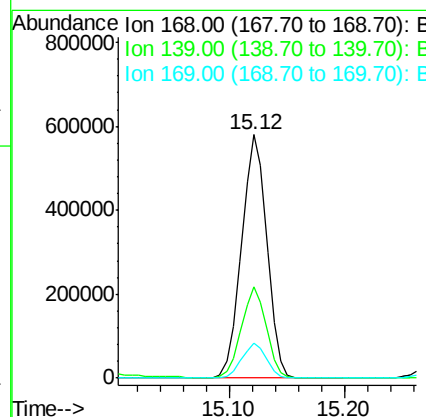
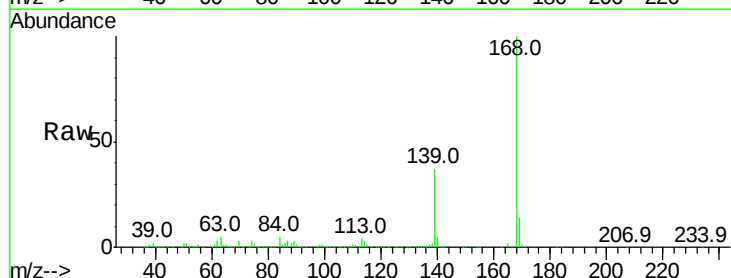
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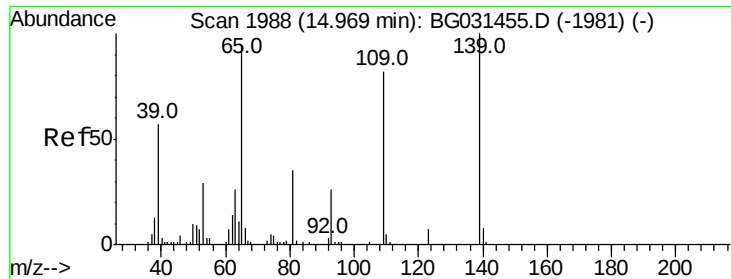
Sohil
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#54
 Dibenzofuran
 Concen: 44.075 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	28.6	43.0
169	14.2	11.2	16.8





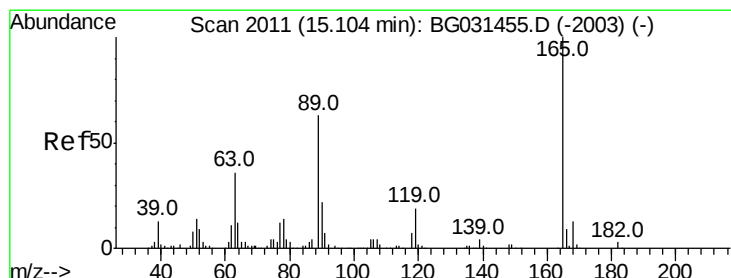
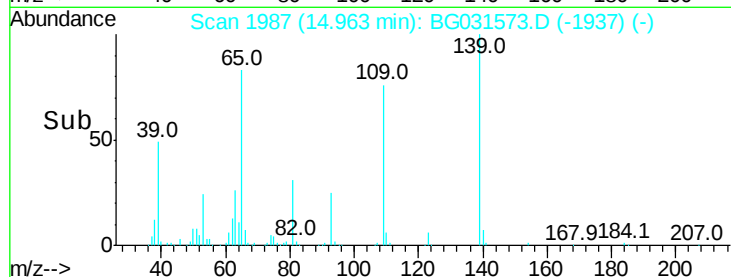
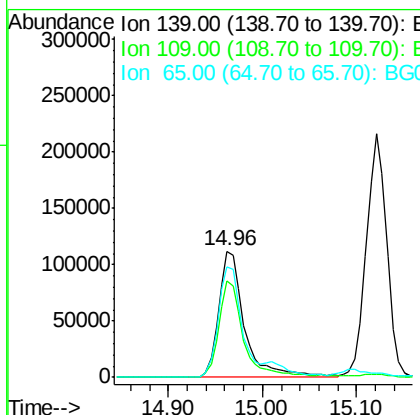
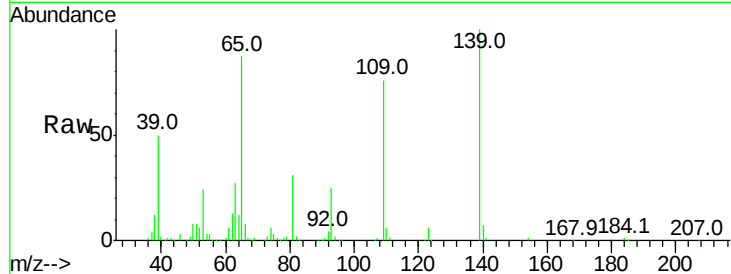
#55
4-Nitrophenol
Concen: 86.060 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.9	62.2	102.2	
65	87.4	97.2	137.2	

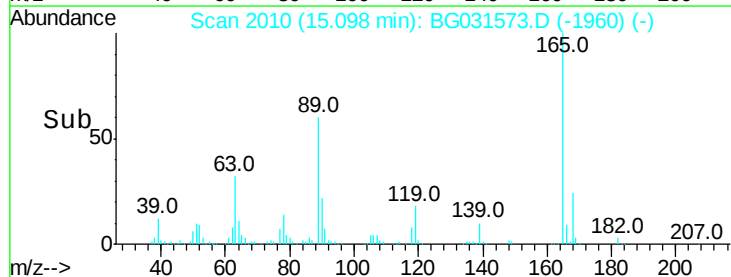
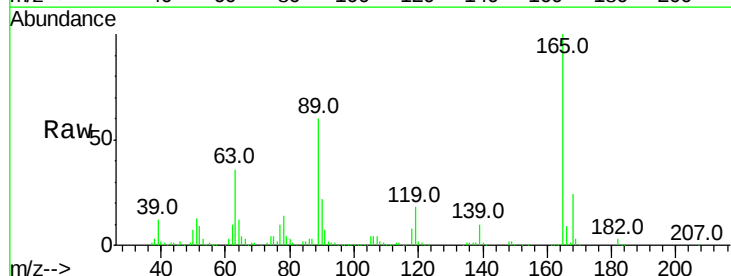
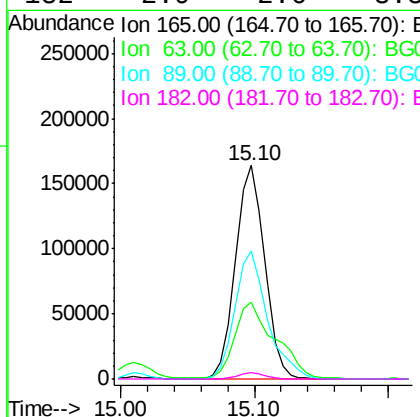
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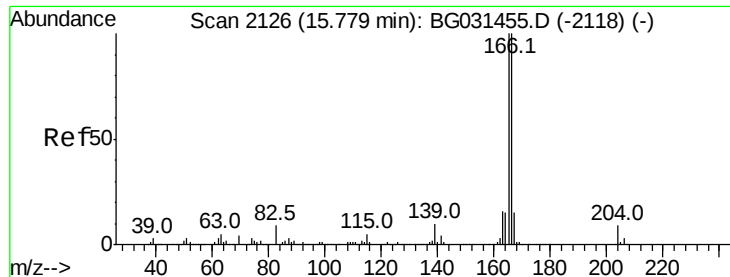
Sohil
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#56
2,4-Dinitrotoluene
Concen: 48.347 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.7	42.0	63.0	
89	60.0	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 44.580 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

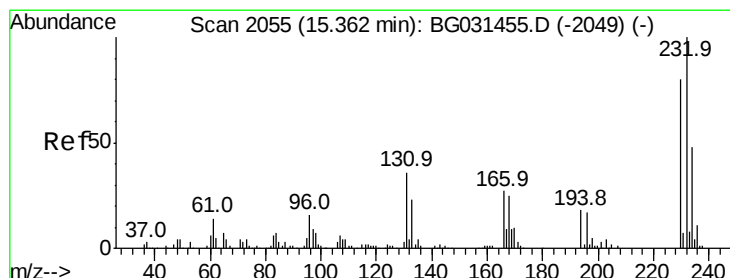
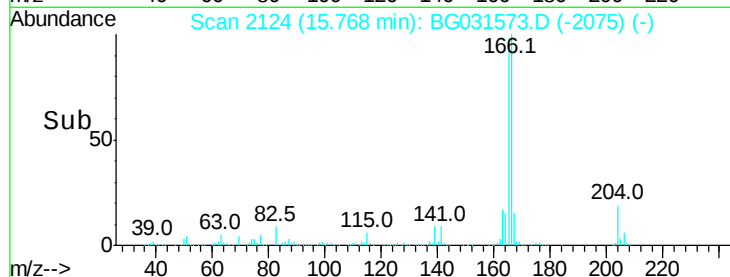
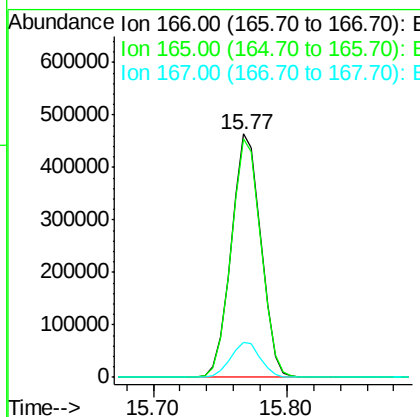
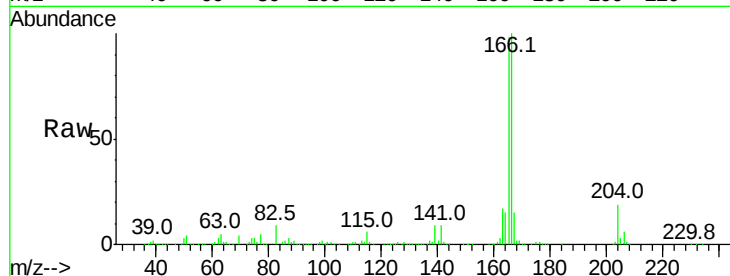
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:	166	Resp:	713560
Ion Ratio	Lower	Upper	
166	100		
165	98.1	80.6	121.0
167	14.6	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.876 ng

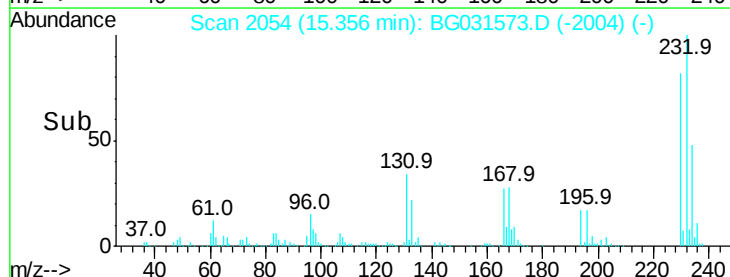
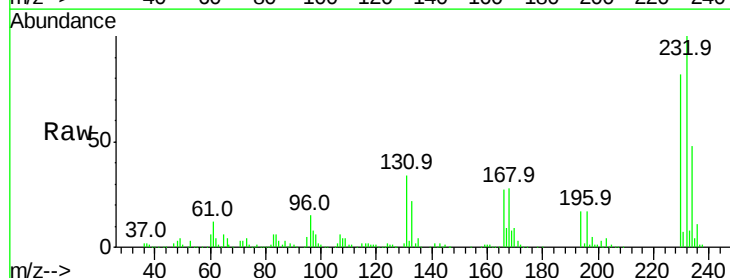
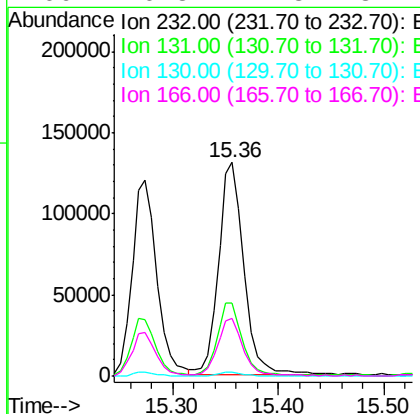
RT: 15.36 min Scan# 2054

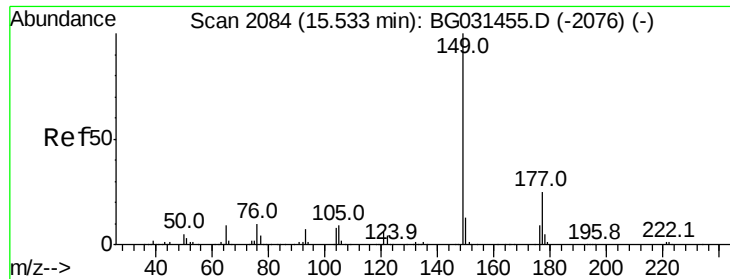
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion:	232	Resp:	218804
Ion Ratio	Lower	Upper	
232	100		
131	34.0	33.5	50.3
130	2.0	2.2	3.2#
166	26.8	24.8	37.2





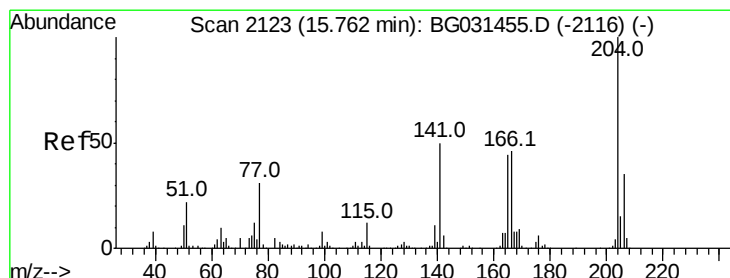
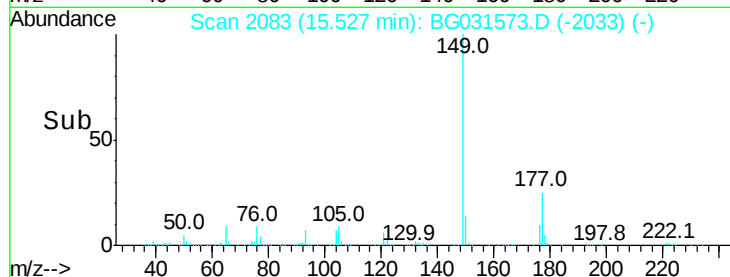
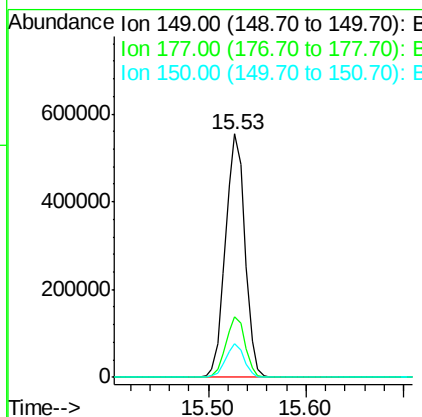
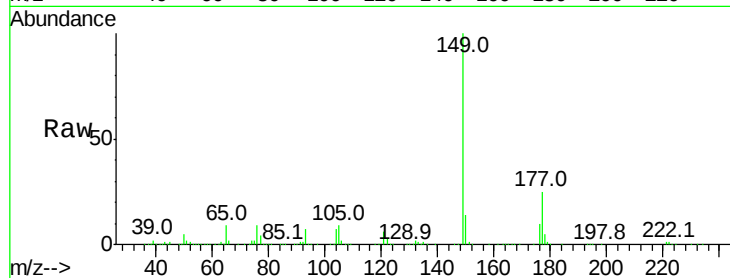
#59
Diethylphthalate
Concen: 45.150 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	14.0	10.2	15.2

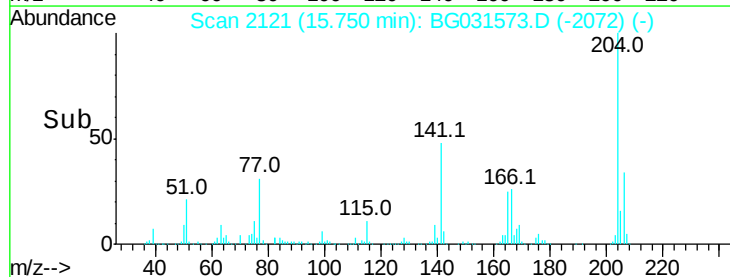
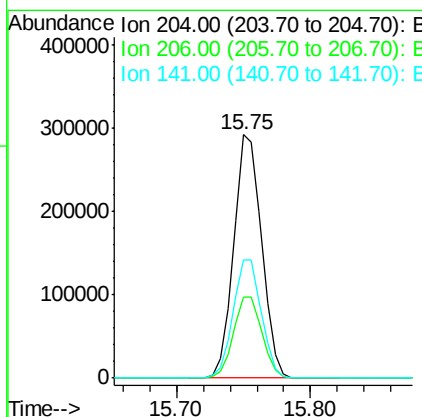
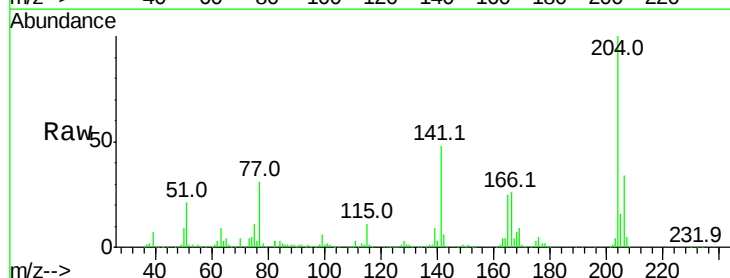
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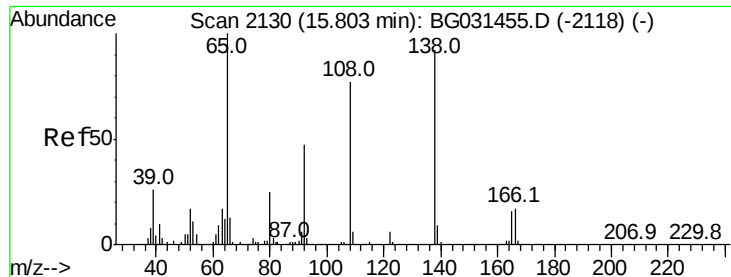
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#60
4-Chlorophenyl-phenylether
Concen: 43.386 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	48.3	45.8	68.6





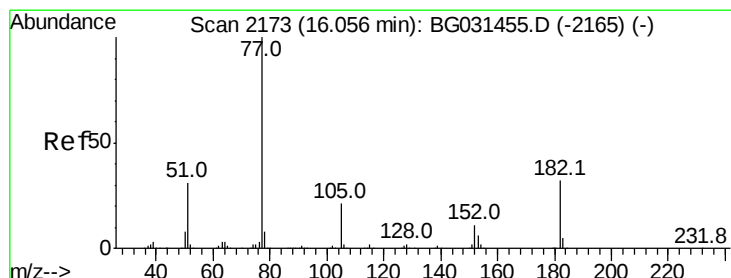
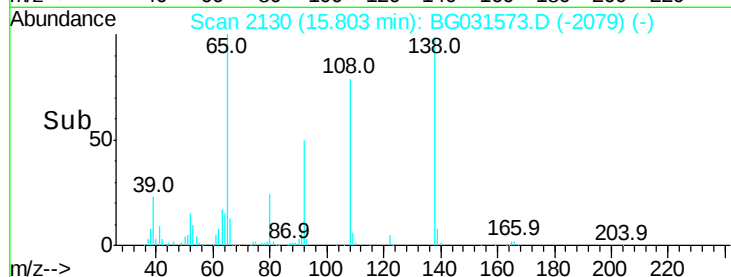
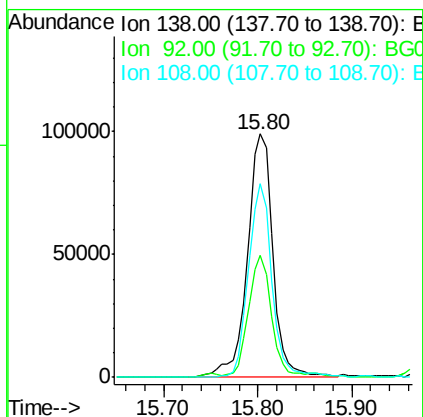
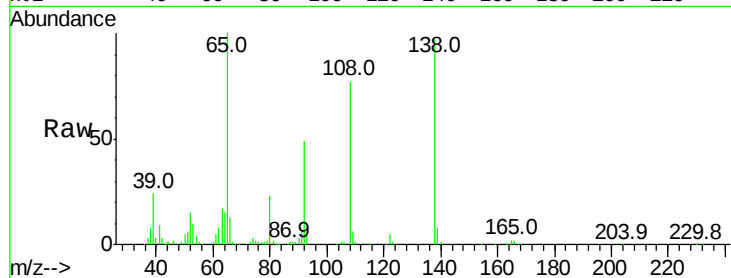
#61
4-Nitroaniline
Concen: 48.414 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	40.1	80.1
108	79.8	65.4	105.4

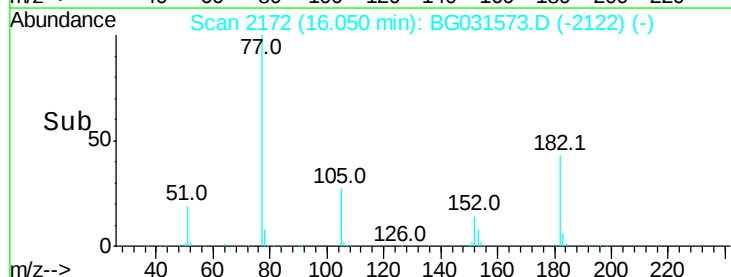
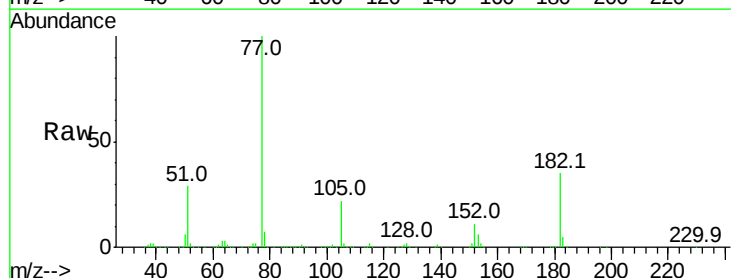
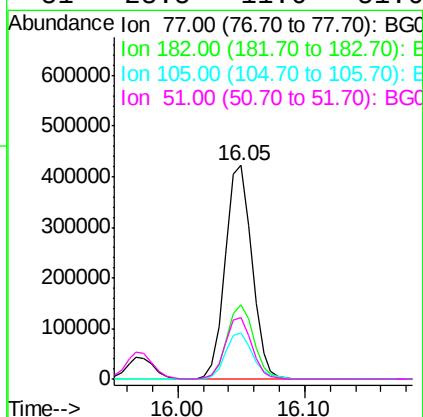
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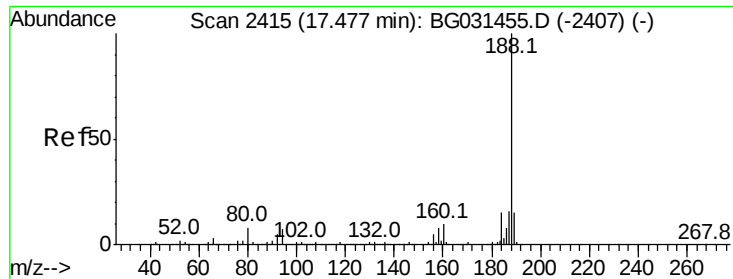
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#62
Azobenzene
Concen: 43.531 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.9	7.4	47.4
105	21.8	0.3	40.3
51	28.5	11.6	51.6





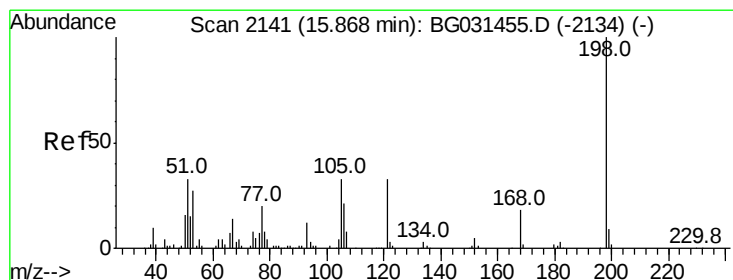
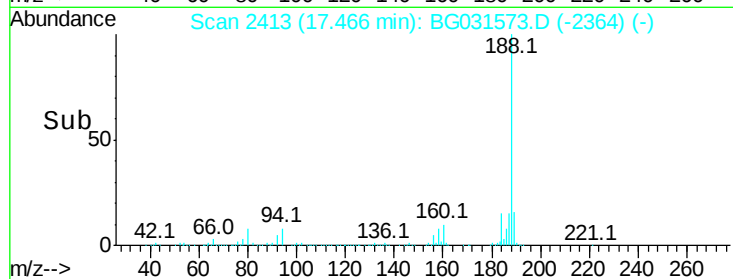
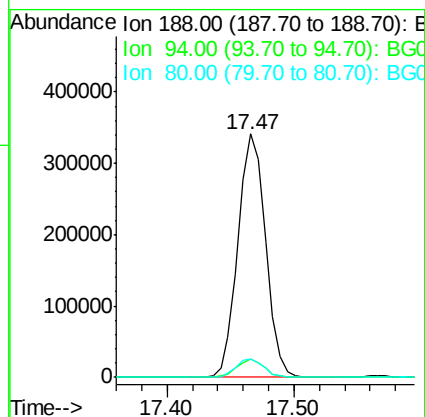
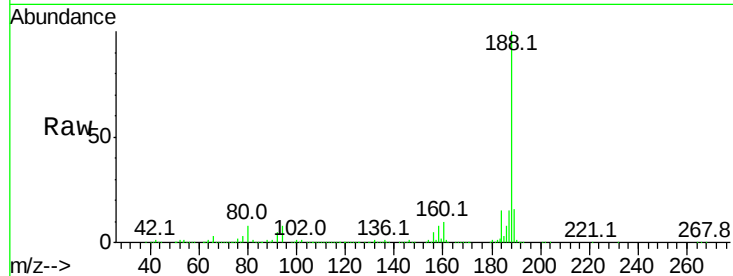
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	514607		
94	7.5		6.9	10.3
80	7.8		7.7	11.5

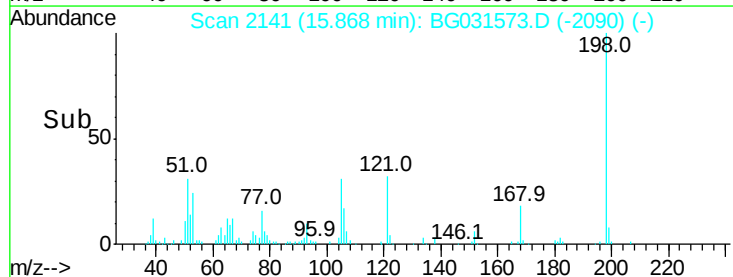
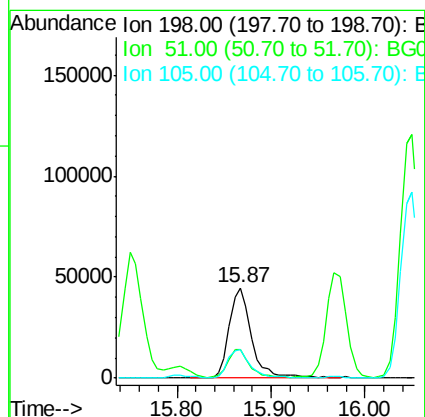
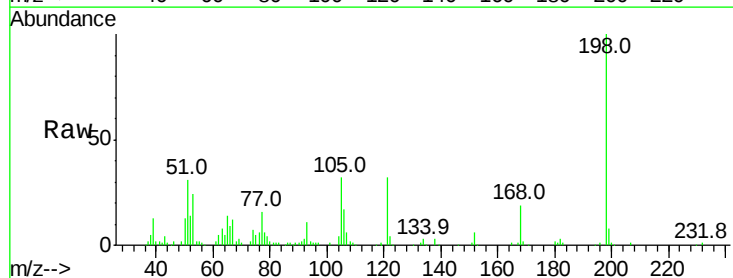
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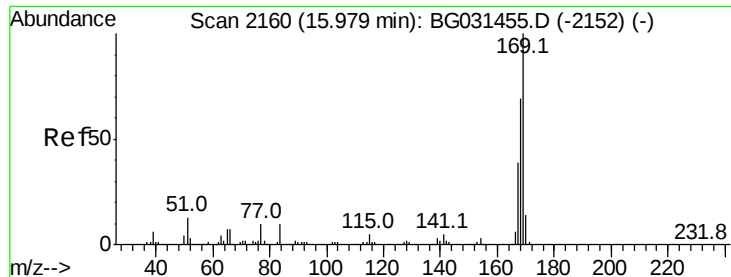
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.074 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	73435		
51	31.5		30.6	70.6
105	32.4		23.8	63.8





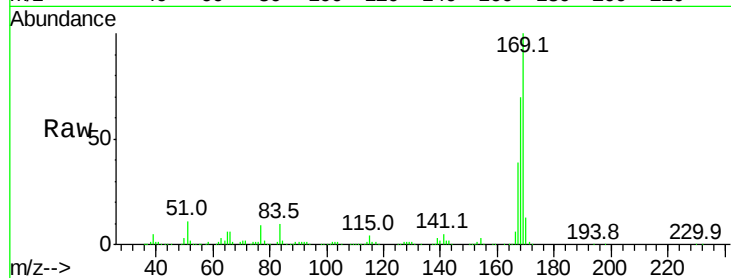
#65
n-Nitrosodiphenylamine
Concen: 44.783 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

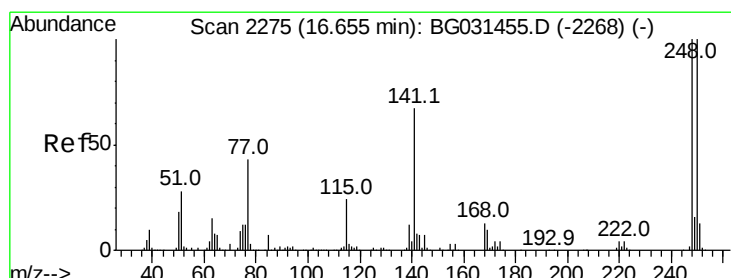
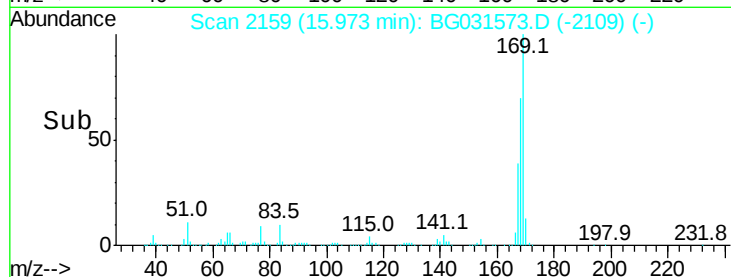
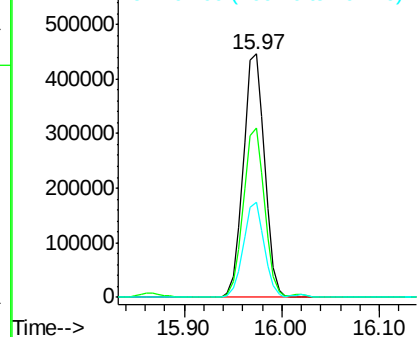
Tot Ion	Ratio	Resp	Lower	Upper
169	100	674546		
168	69.6		55.7	83.5
167	38.9		30.1	45.1

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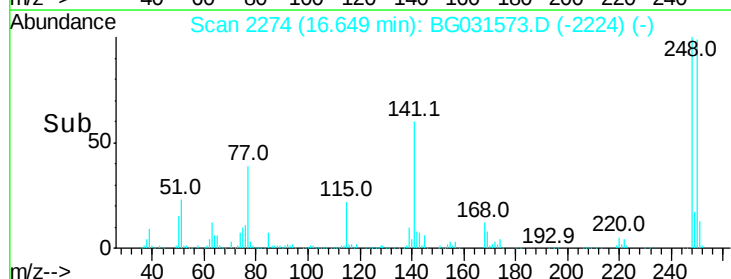
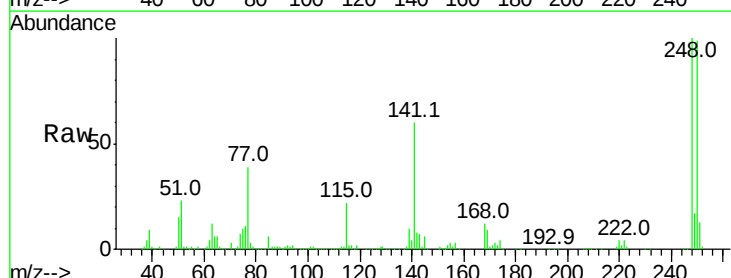
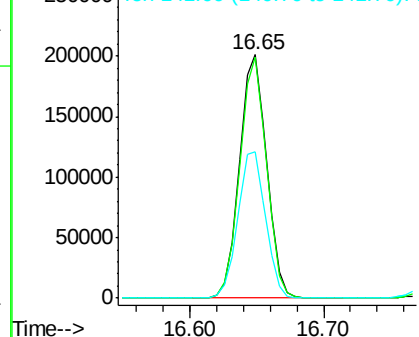
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

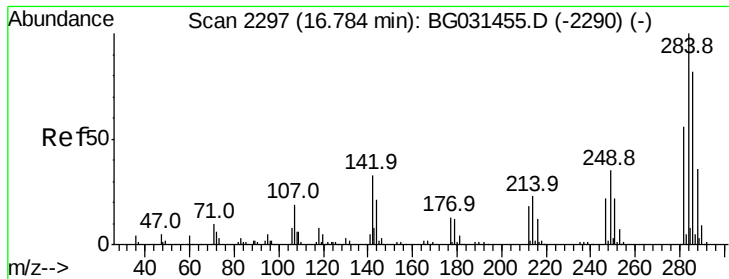


#66
4-Bromophenyl-phenylether
Concen: 47.409 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	283697		
250	98.9		77.1	115.7
141	60.2		50.8	76.2

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.766 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

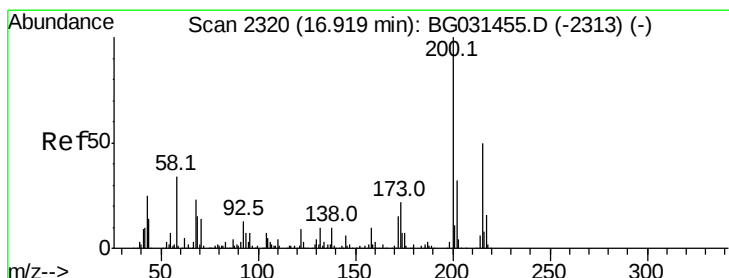
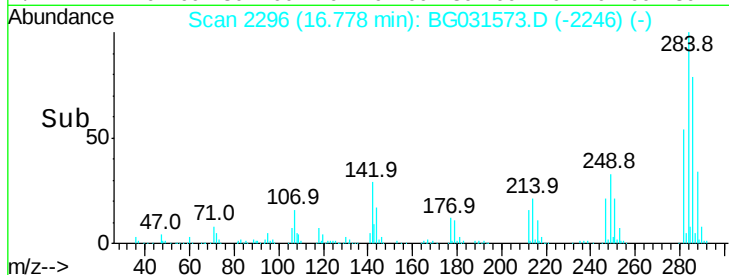
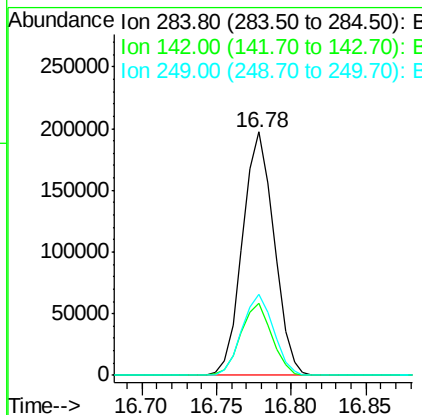
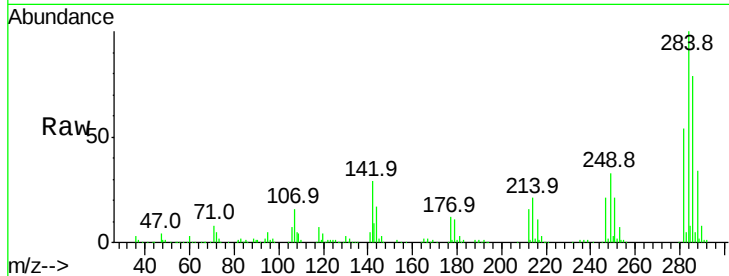
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:	284	Resp:	288976
Ion Ratio	Lower	Upper	
284	100		
142	29.5	26.8	40.2
249	33.3	26.3	39.5

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#68

Atrazine

Concen: 53.467 ng

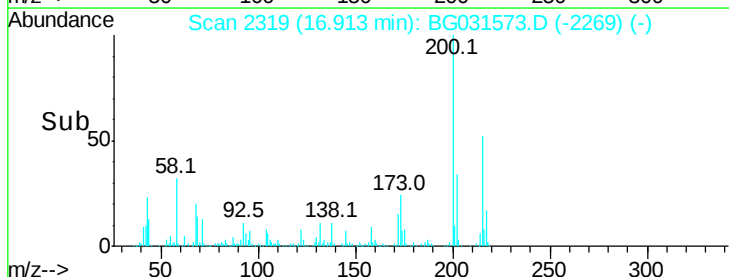
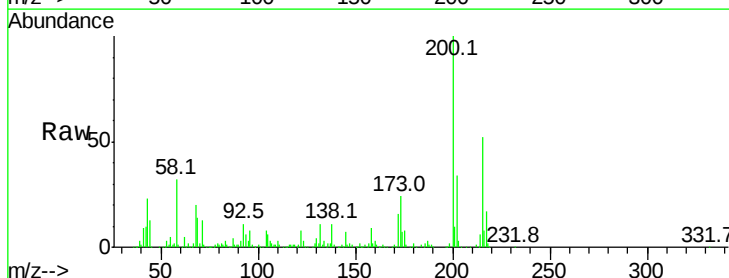
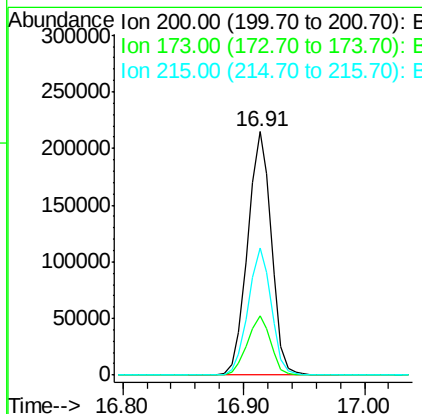
RT: 16.91 min Scan# 2319

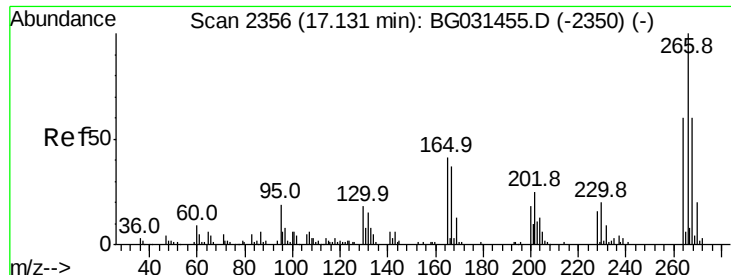
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion:	200	Resp:	294477
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.2	45.2
215	52.3	30.4	70.4





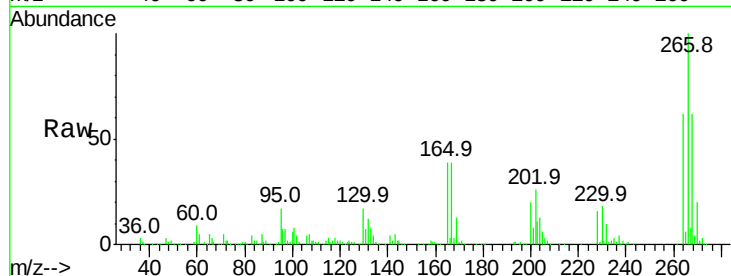
#69
 Pentachlorophenol
 Concen: 66.883 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	195694		
268	61.8	51.1	76.7	
264	61.8	49.6	74.4	

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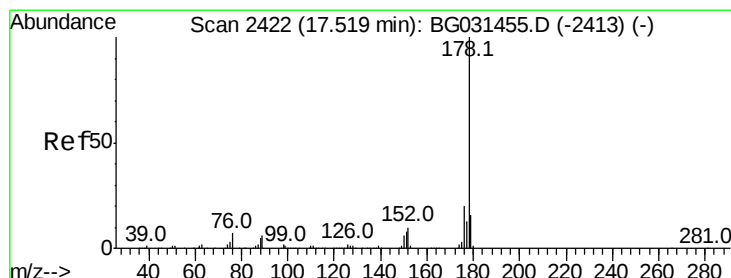
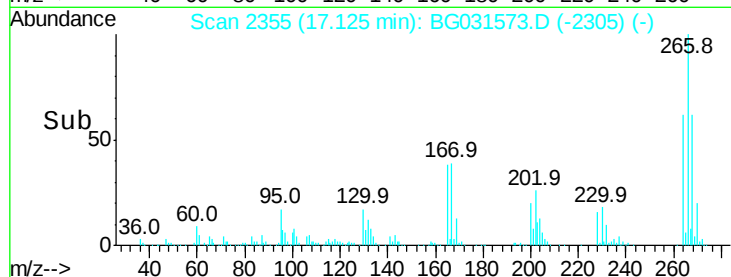
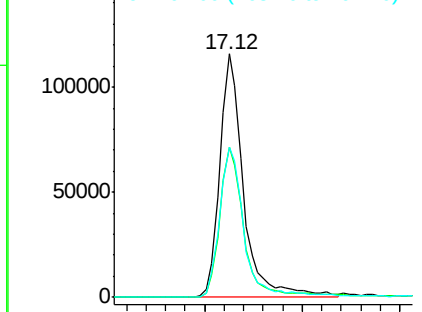


Abundance

Ion 265.70 (265.40 to 266.40): E

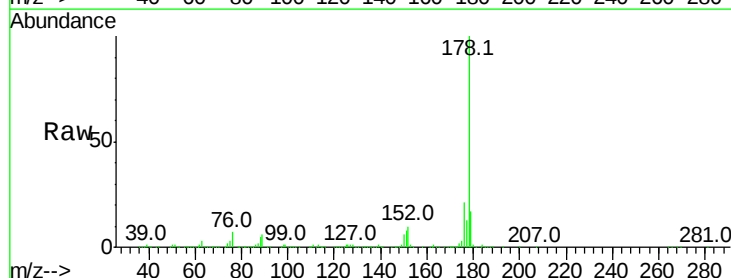
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 44.849 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1205353		
176	21.1	15.7	23.5	
179	16.6	12.5	18.7	

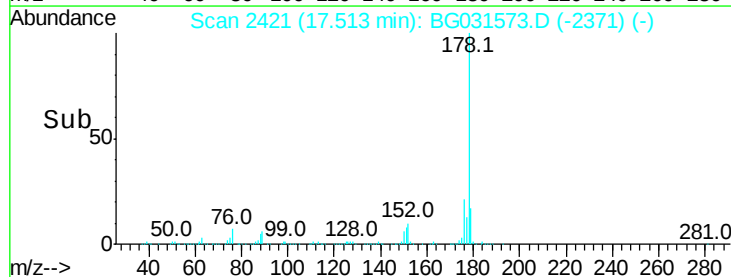
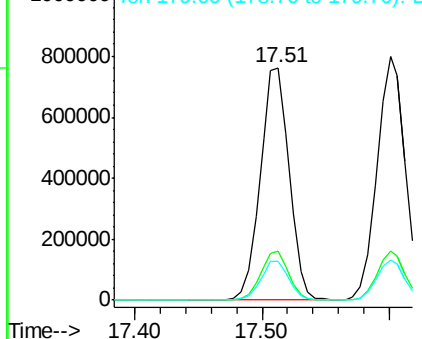


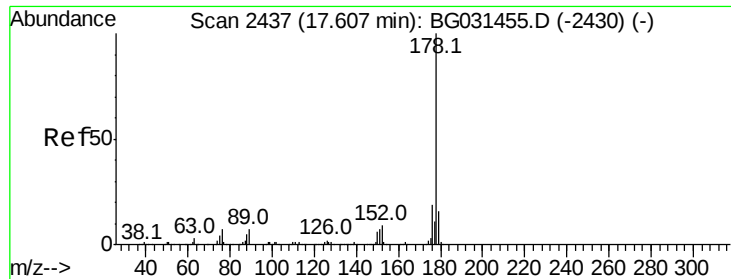
Abundance

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





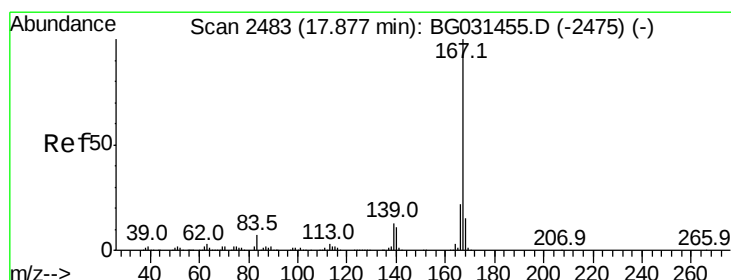
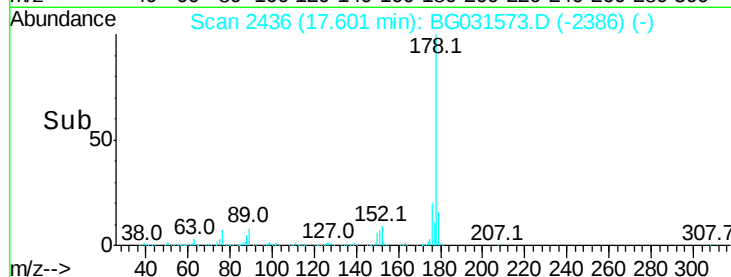
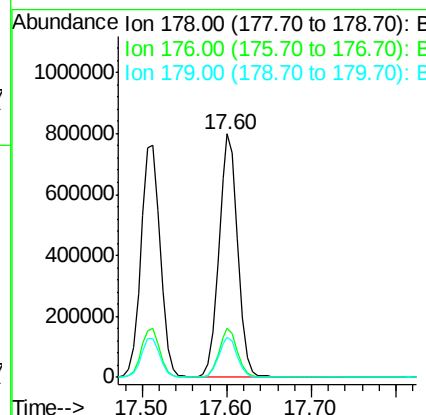
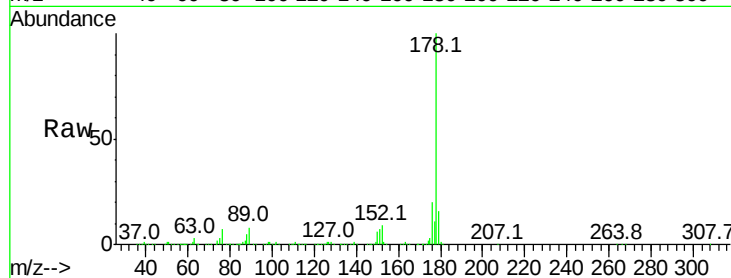
#71
 Anthracene
 Concen: 46.832 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.4	12.5	18.7

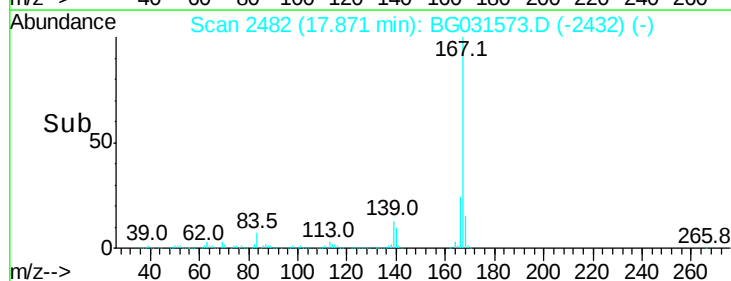
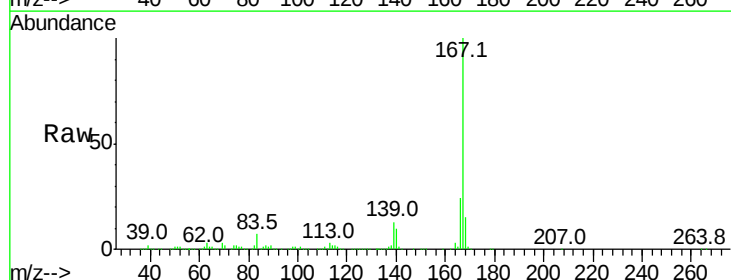
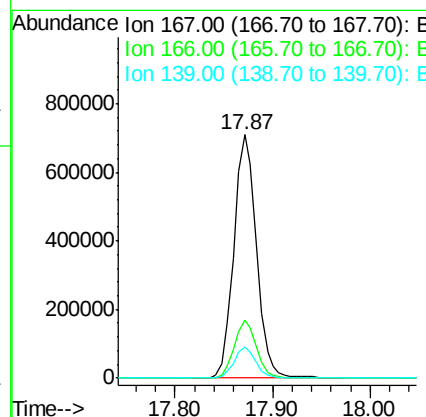
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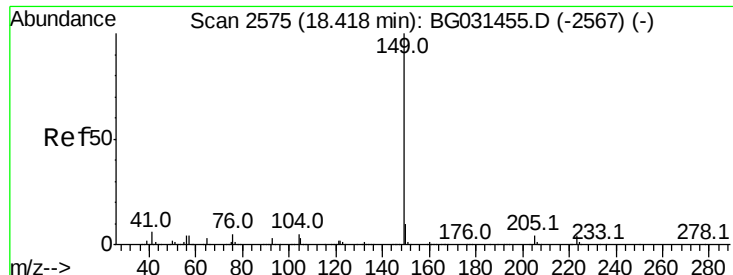
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#72
 Carbazole
 Concen: 47.490 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	12.6	9.4	14.2





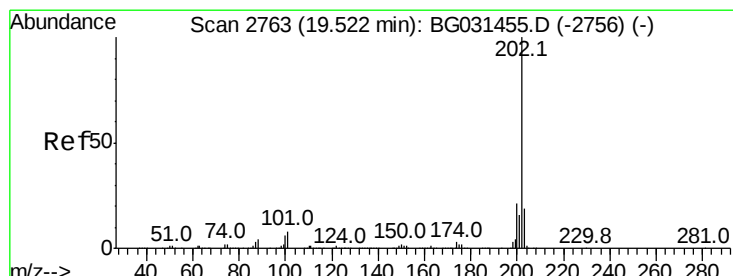
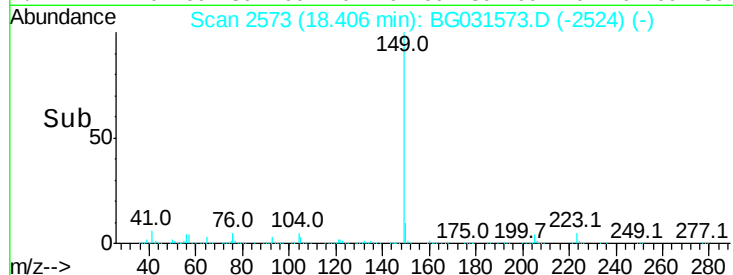
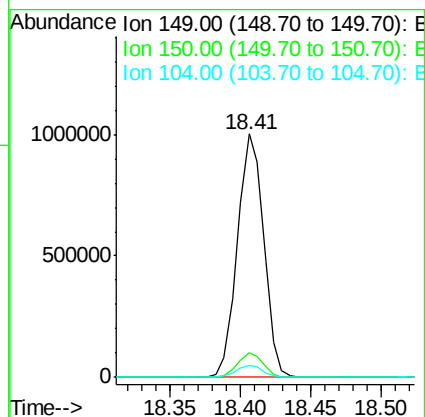
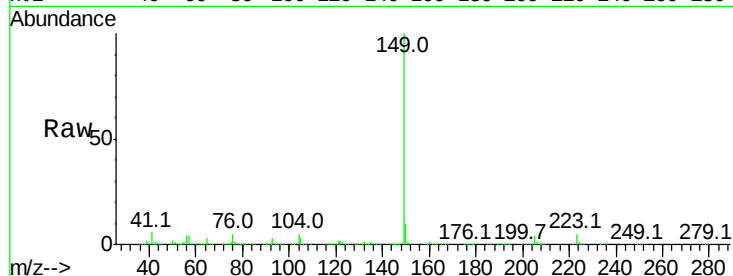
#73
Di-n-butylphthalate
Concen: 46.788 ng
RT: 18.41 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.0	3.9	5.9

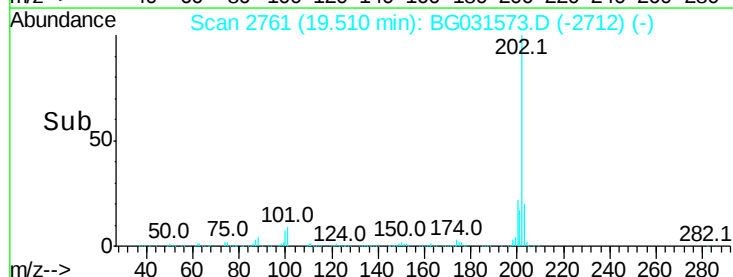
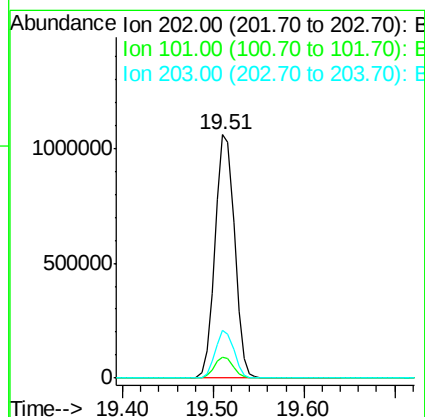
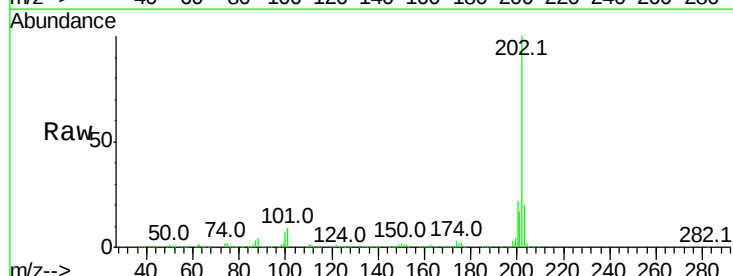
Manual Integrations
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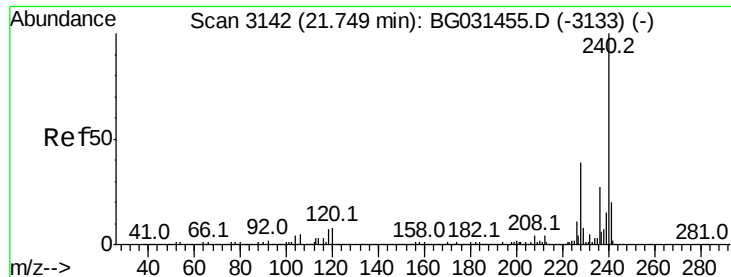
Sohil
12/15/2017 6:47:01 PM



#74
Fluoranthene
Concen: 46.988 ng
RT: 19.51 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.9
203	19.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Instrument :

BNA_G

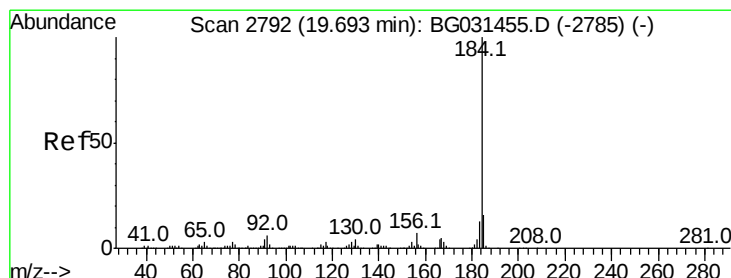
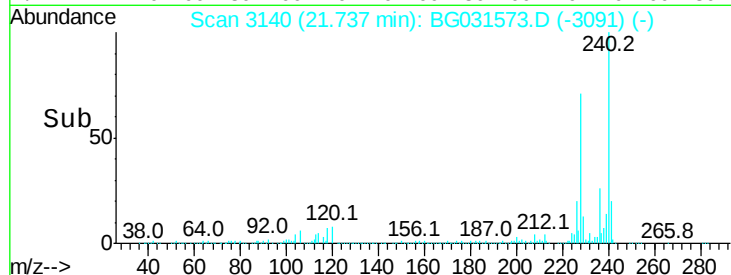
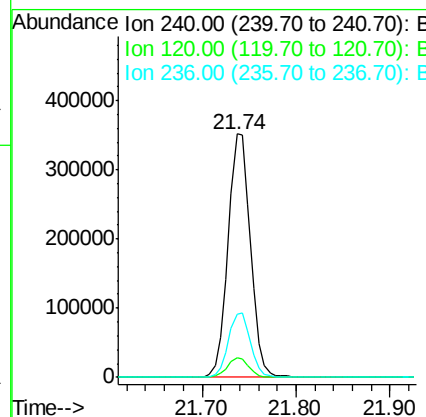
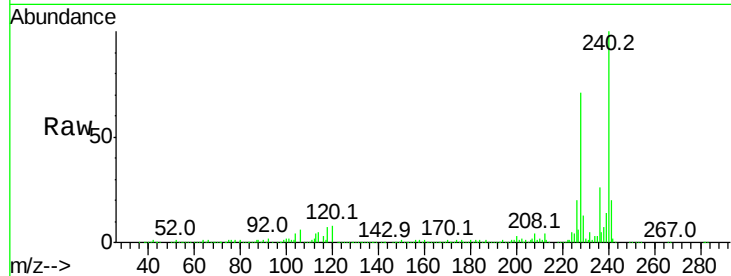
ClientSampleId :

EPE-122-2(40-42)MS

Tot Ion:	240	Resp:	583507
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.8	10.2
236	26.1	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 55.088 ng

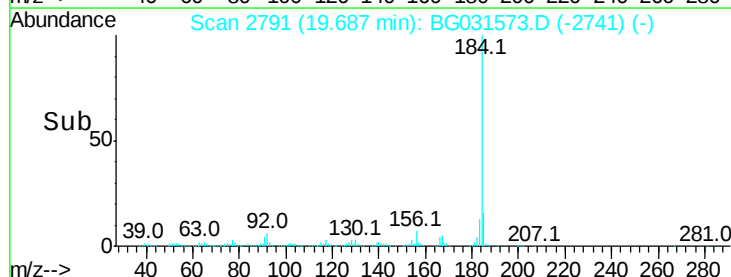
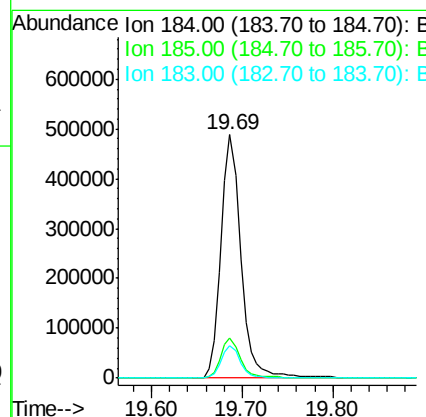
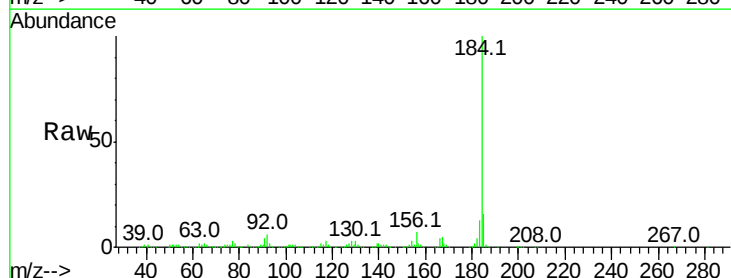
RT: 19.69 min Scan# 2791

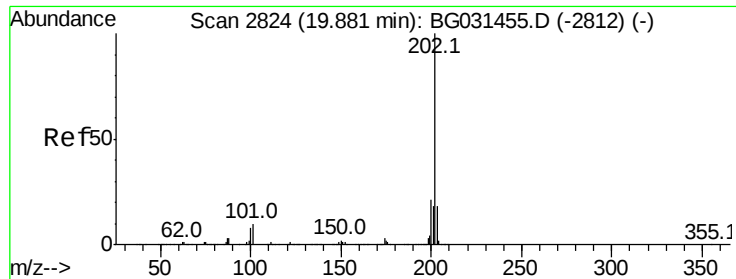
Delta R.T. -0.01 min

Lab File: BG031573.D

Acq: 15 Dec 2017 00:11

Tgt Ion:	184	Resp:	748062
Ion Ratio	Lower	Upper	
184	100		
185	16.3	11.1	16.7
183	13.3	10.6	16.0





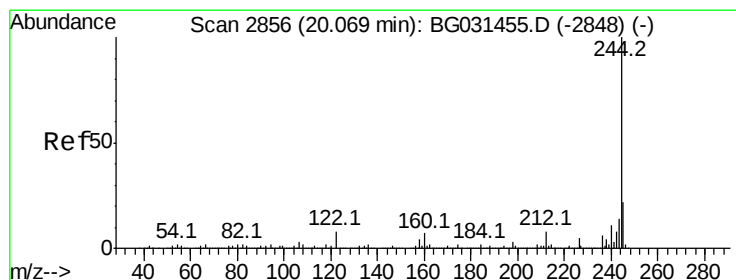
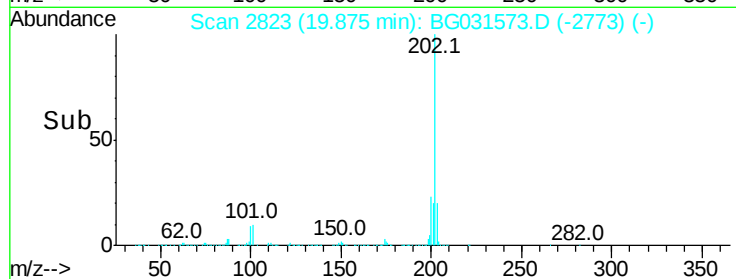
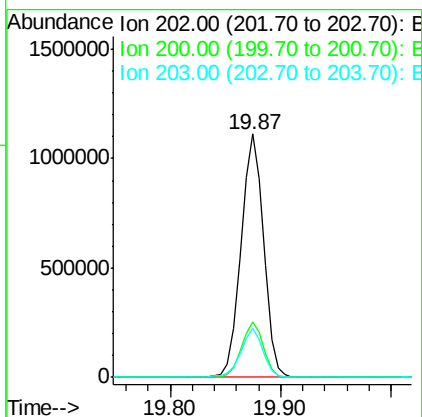
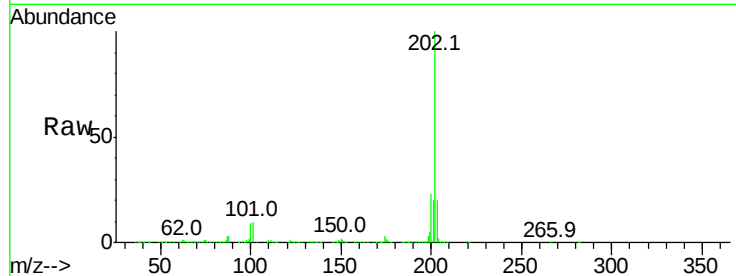
#77
Pvrene
Concen: 44.149 ng
RT: 19.87 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	20.1	13.9	20.9

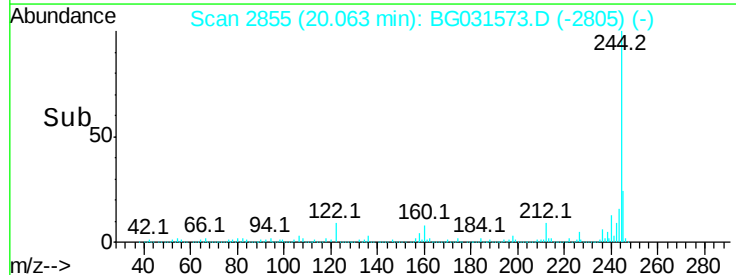
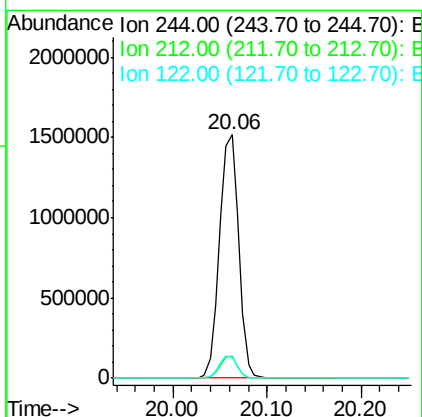
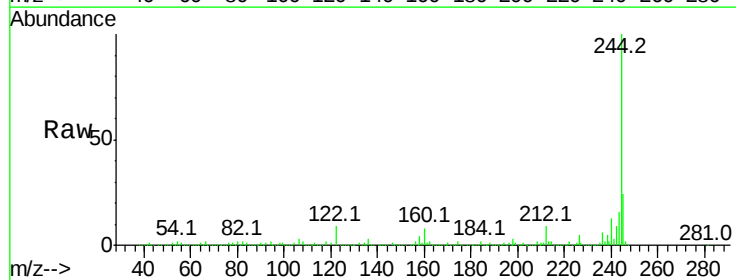
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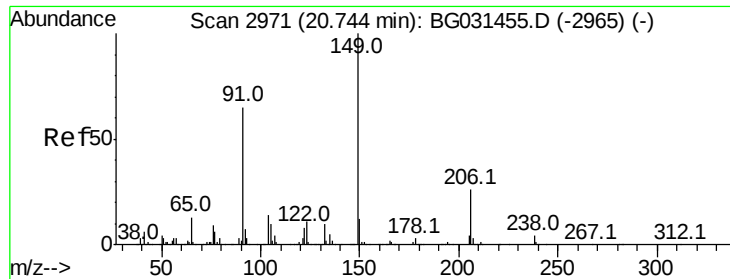
Sohil
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#78
Terphenyl-d14
Concen: 84.626 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	8.8	7.0	10.4





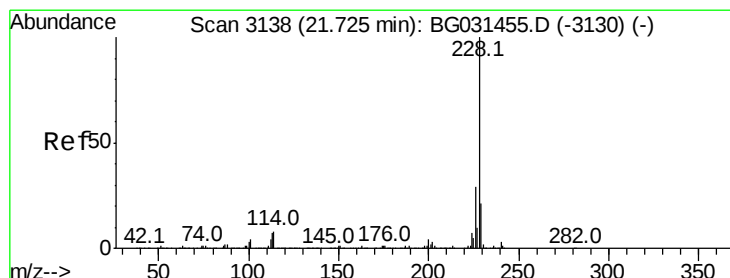
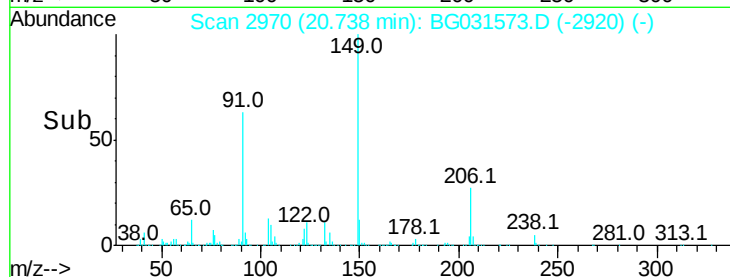
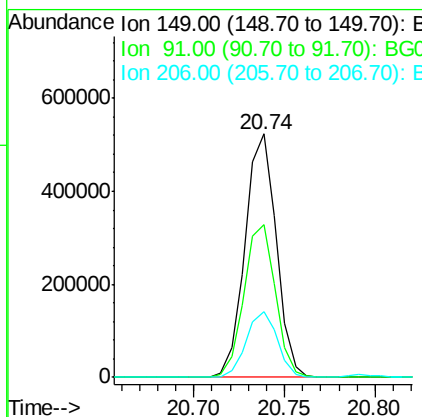
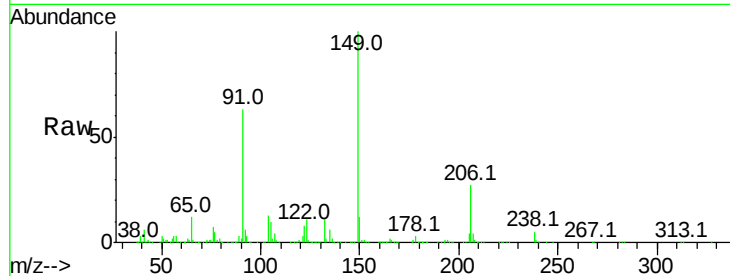
#79
Butylbenzylphthalate
Concen: 49.373 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	627989		
91	62.8		62.2	93.2
206	26.8		18.6	27.8

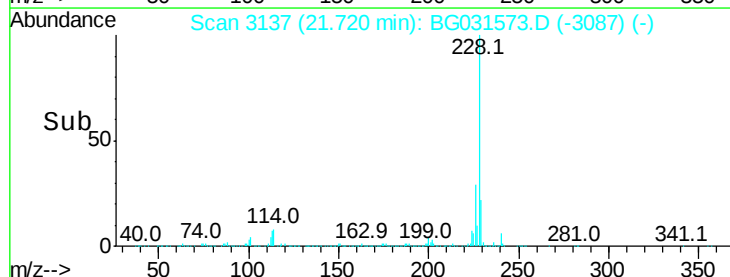
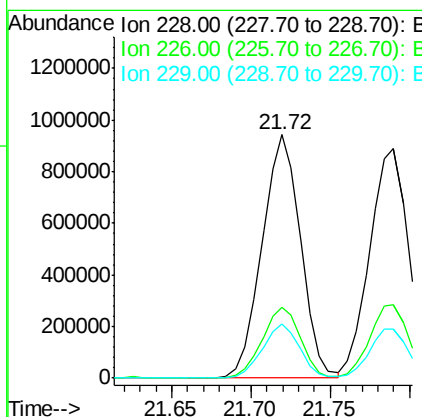
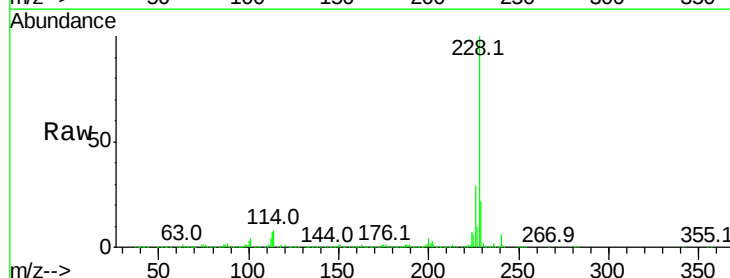
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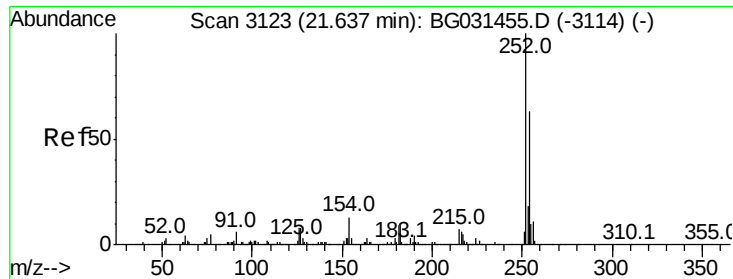
Sohil
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#80
Benzo(a)anthracene
Concen: 45.329 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1596463		
226	29.0		22.7	34.1
229	22.0		16.2	24.2





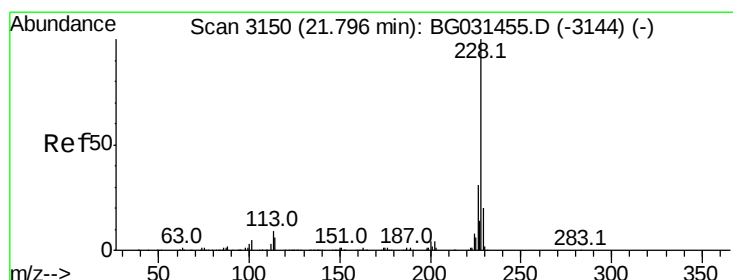
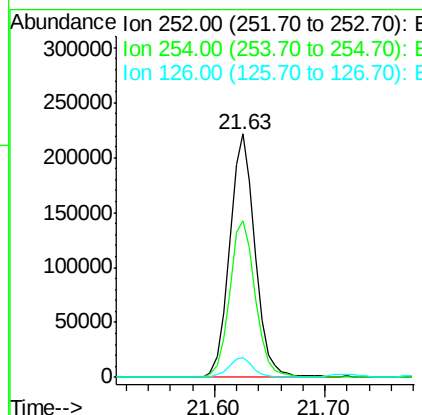
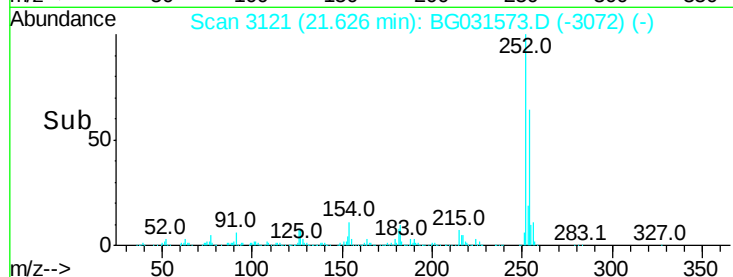
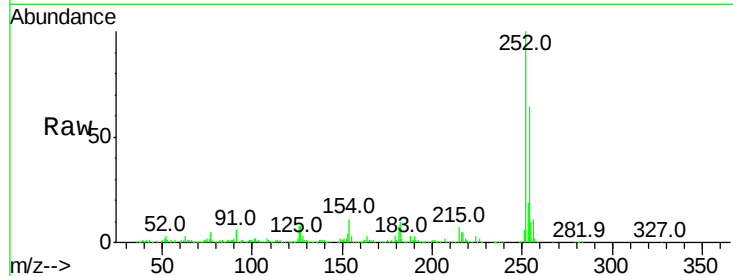
#81
 3,3'-Dichlorobenzidine
 Concen: 29.129 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	8.1	7.4	11.2

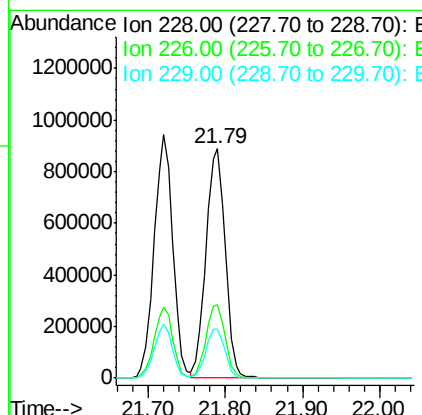
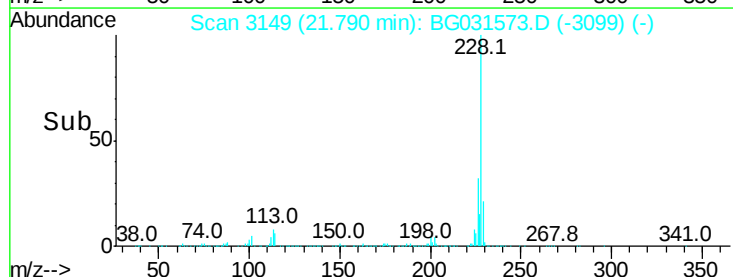
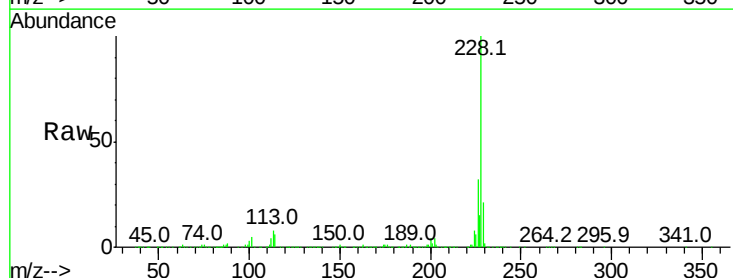
Manual Integrations
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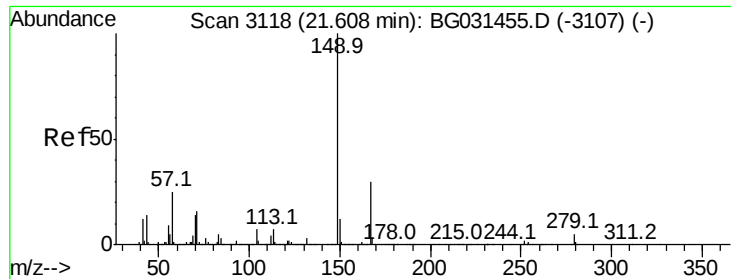
Sohil
 12/15/2017 6:47:01 PM



#82
 Chrysene
 Concen: 45.357 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.4	15.0	22.4





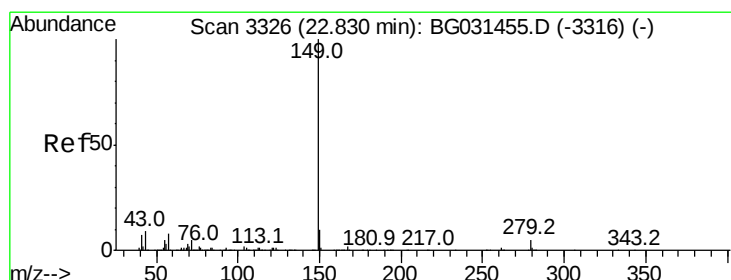
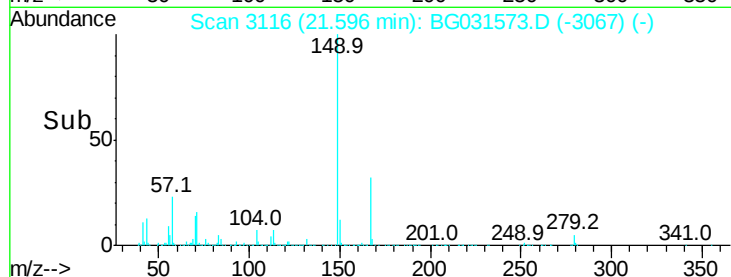
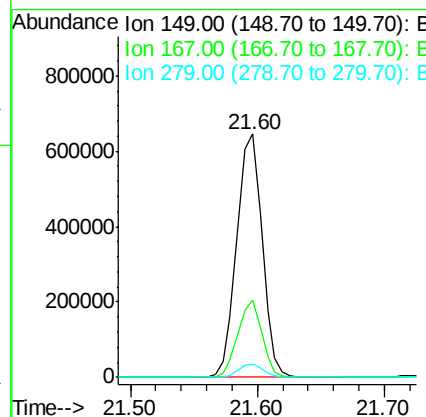
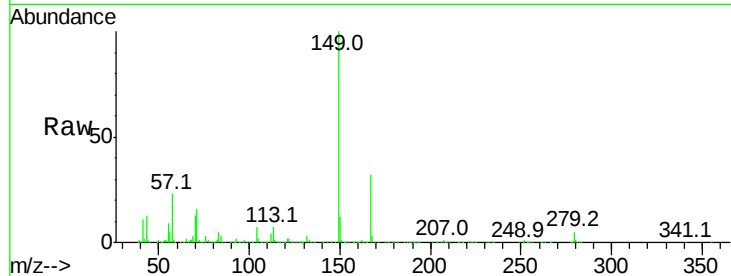
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.814 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.3	36.5
279	5.3	4.0	6.0

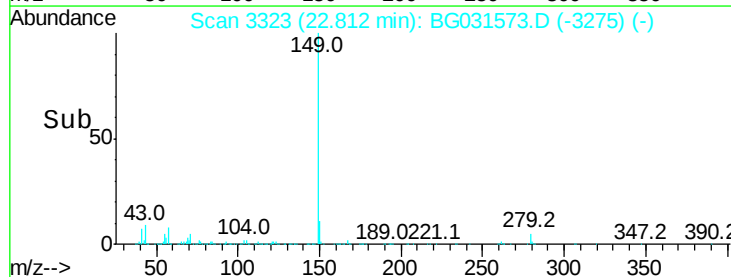
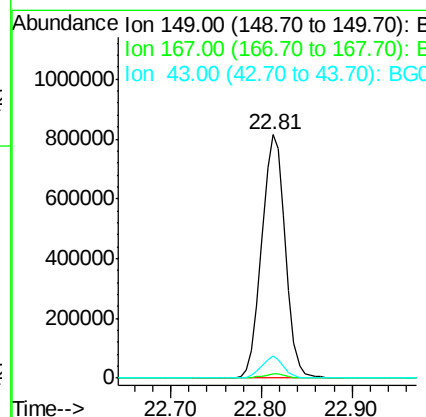
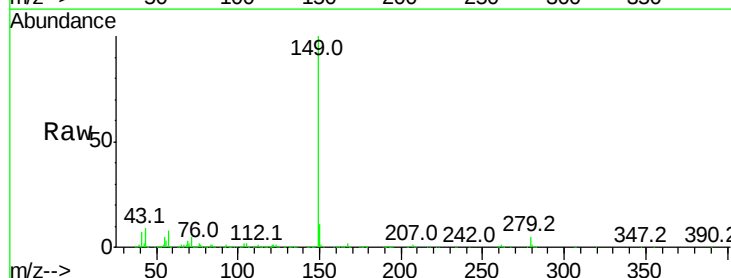
Manual Integrations
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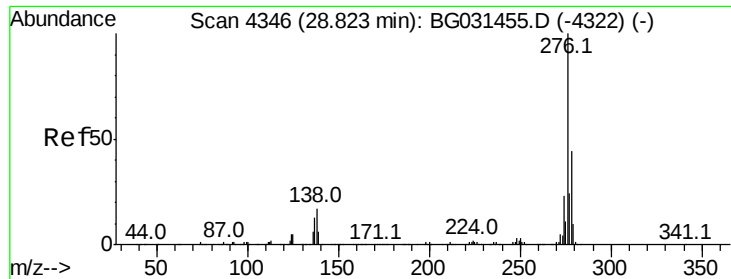
Sohil
 12/15/2017 6:47:01 PM



#84
 Di-n-octyl phthalate
 Concen: 48.309 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.02 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.4	8.9	13.3#





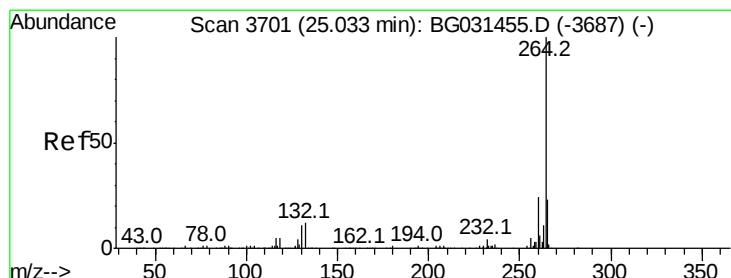
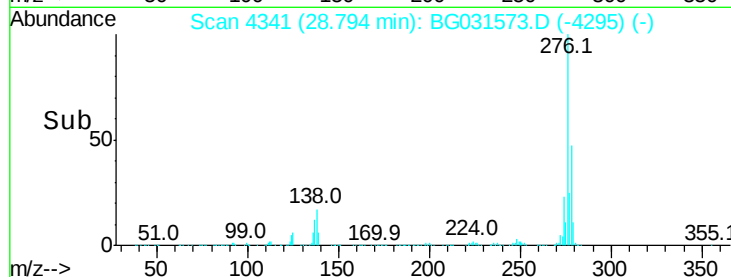
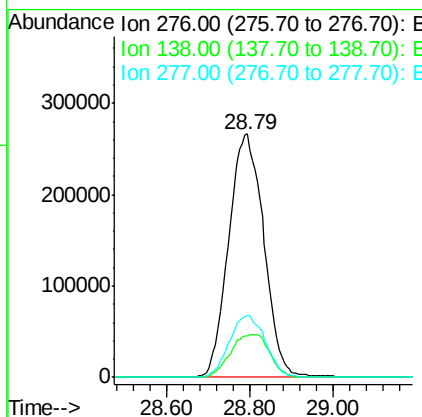
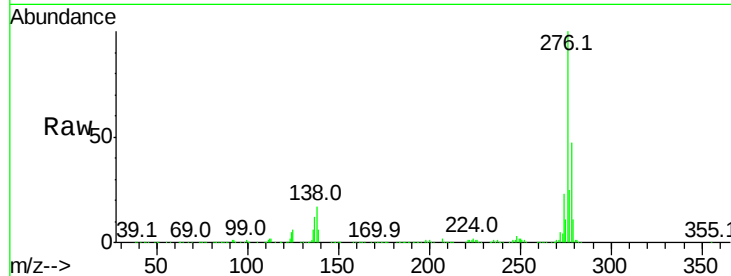
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.393 ng
RT: 28.79 min Scan# 4341
Delta R.T. -0.03 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.0	24.0
277	26.0	20.0	30.0

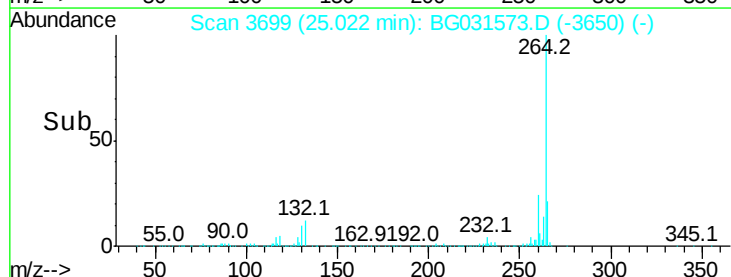
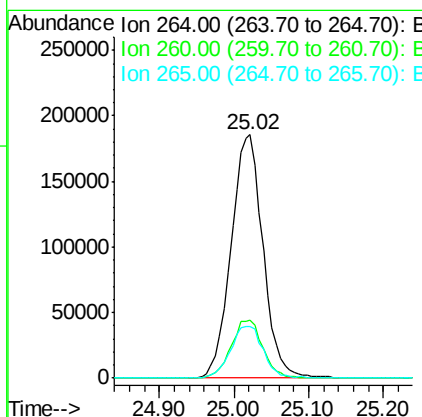
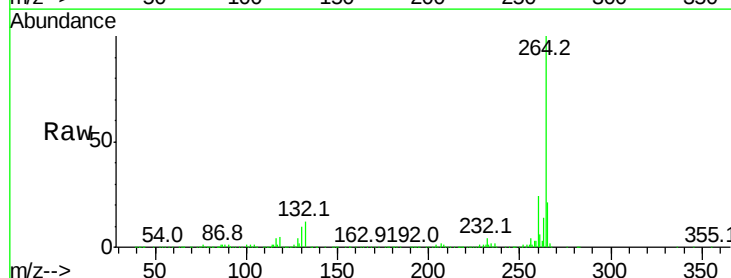
Manual Integrations
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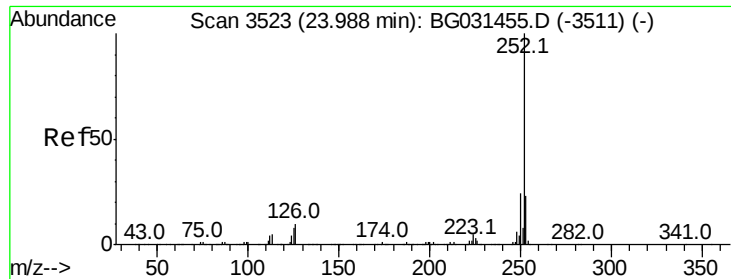
Sohil
12/15/2017 6:47:01 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.9	17.7	26.5





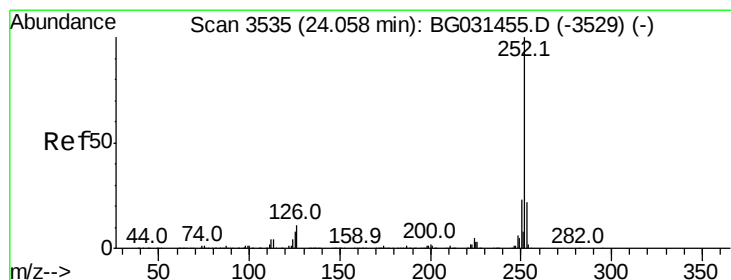
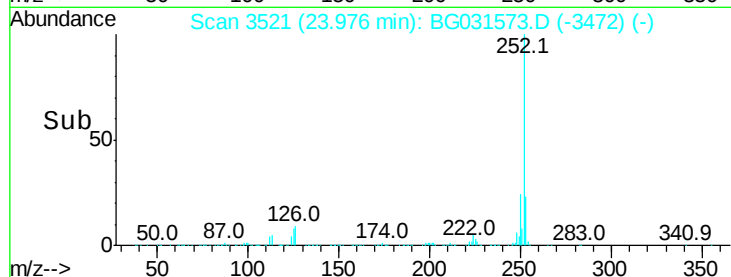
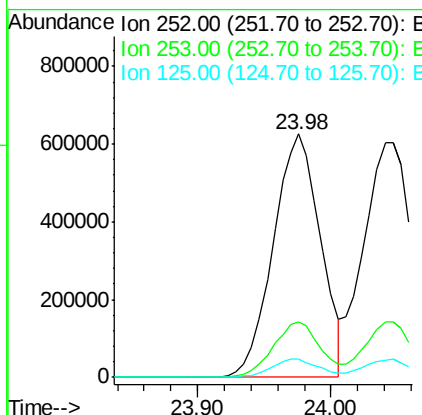
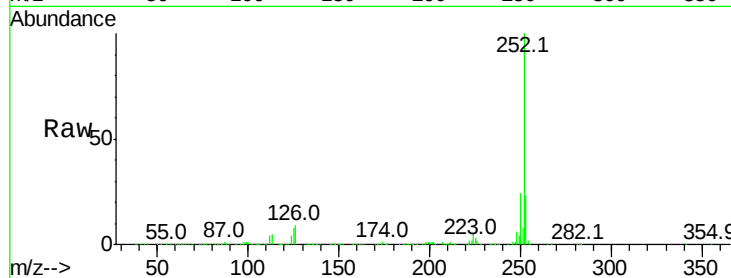
#87
Benzo(b)fluoranthene
Concen: 46.648 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	7.8	7.2	10.8

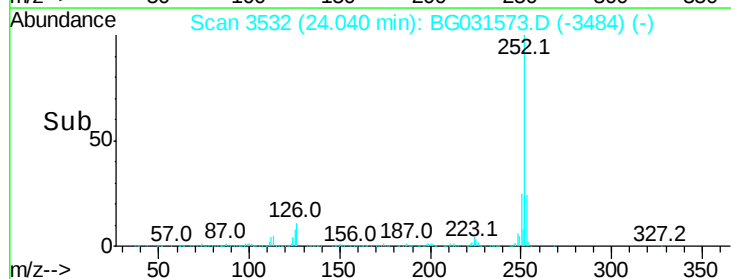
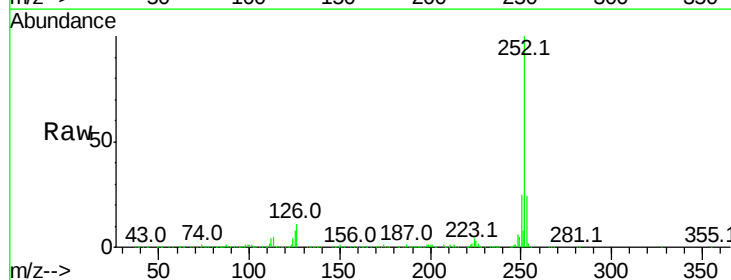
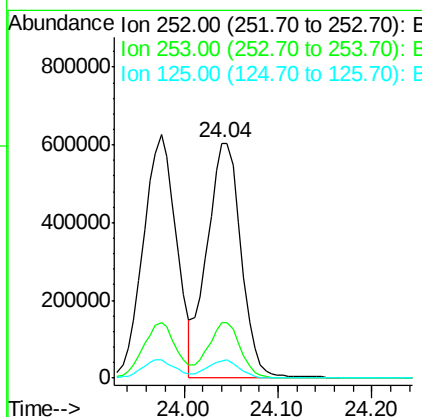
Manual Integrations
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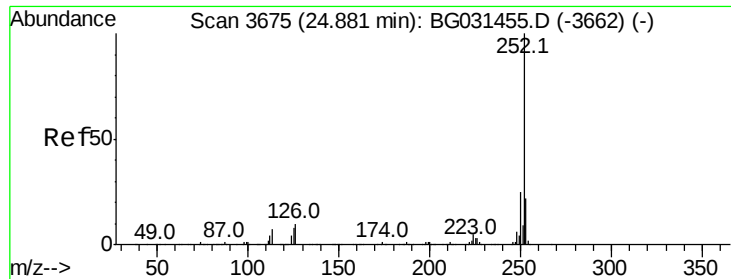
Sohil
12/15/2017 6:47:01 PM



#88
Benzo(k)fluoranthene
Concen: 45.565 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	7.5	6.6	9.8





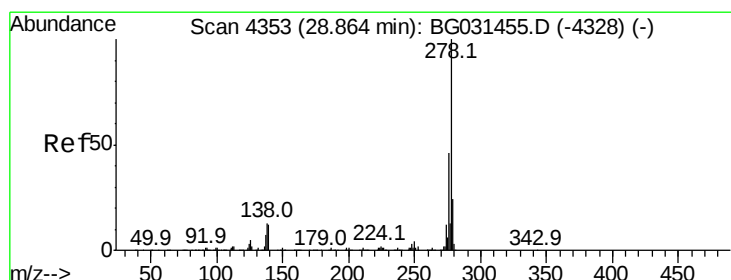
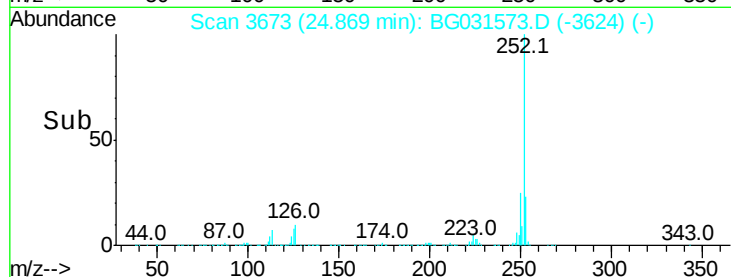
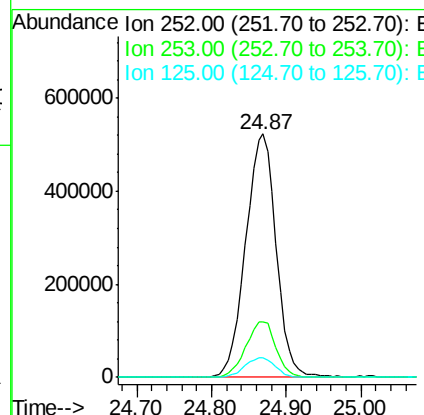
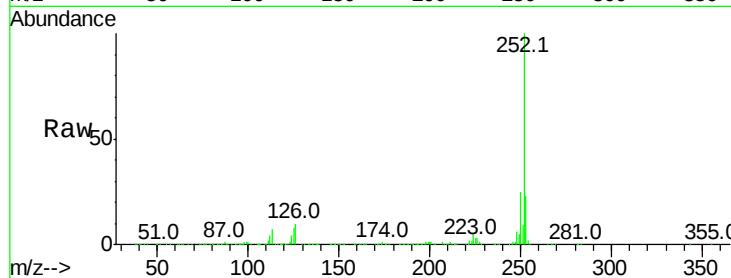
#89
Benzo(a)pyrene
Concen: 47.473 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	8.1	7.3	10.9

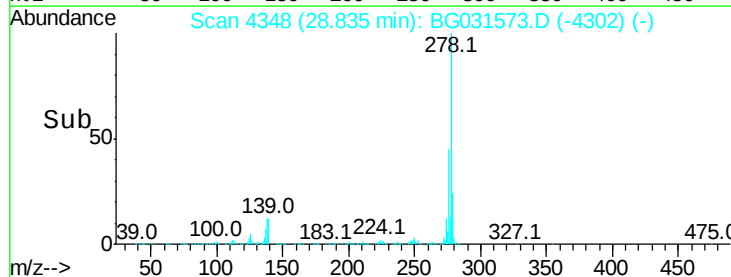
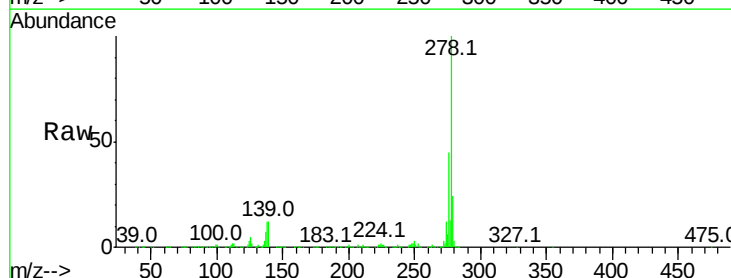
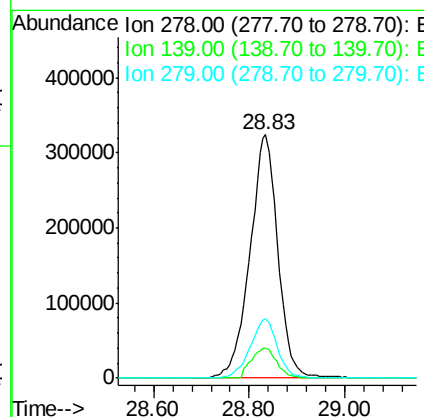
Manual Integrations
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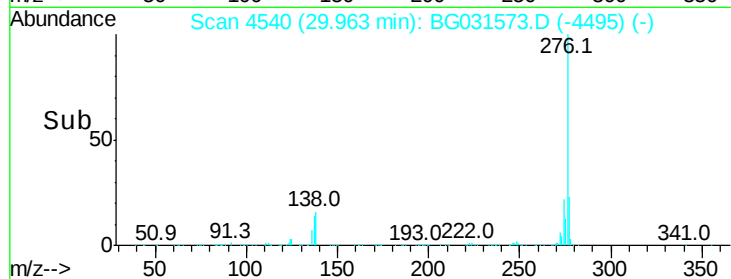
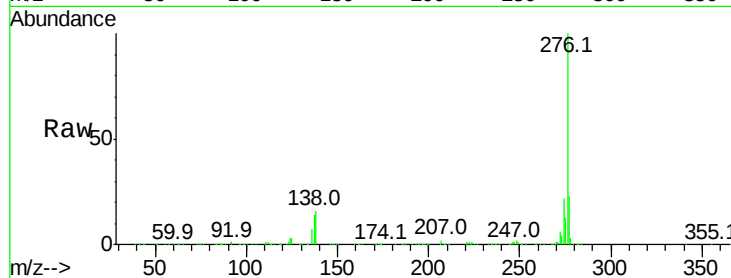
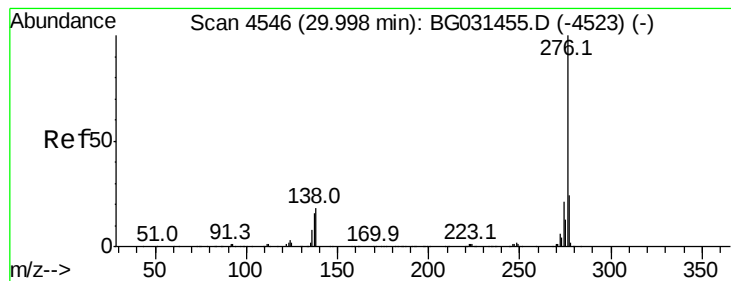
Sohil
12/15/2017 6:47:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.007 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.03 min
Lab File: BG031573.D
Acq: 15 Dec 2017 00:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.8	14.6
279	24.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.220 ng
 RT: 29.96 min Scan# 4540
 Delta R.T. -0.04 min
 Lab File: BG031573.D
 Acq: 15 Dec 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 EPE-122-2(40-42)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	15.8	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:47:01 PM

