

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031574.D
 Acq On : 15 Dec 2017 00:48
 Operator : SJ/JU
 Sample : I6888-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:47:03 PM

Quant Time: Dec 15 04:21:11 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	8.10	152	73387	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	314091	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	208922	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	544920	20.00	ng	0.00
75) Chrysene-d12	21.74	240	599849	20.00	ng	0.00
86) Perylene-d12	25.02	264	553296	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	592698	143.15	ng	0.00
7) Phenol-d6	7.27	99	756833	131.68	ng	0.00
23) Nitrobenzene-d5	9.27	82	460578	90.38	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	374096	152.84	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1212673	85.20	ng	0.00
78) Terphenyl-d14	20.06	244	2084161	79.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	68793	34.824	ng	# 83
3) Pyridine	3.90	79	188706	36.281	ng	87
4) n-Nitrosodimethylamine	3.82	42	95276	38.890	ng	# 94
6) Aniline	7.42	93	225693	29.817	ng	95
8) 2-Chlorophenol	7.66	128	219330	47.492	ng	85
9) Benzaldehyde	7.23	77	133174	39.973	ng	87
10) Phenol	7.30	94	303150	51.343	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	195207	40.507	ng	89
12) 1,3-Dichlorobenzene	7.99	146	232555	42.344	ng	97
13) 1,4-Dichlorobenzene	8.13	146	238275	41.745	ng	94
14) 1,2-Dichlorobenzene	8.46	146	224912	41.365	ng	97
15) Benzyl Alcohol	8.34	79	181902	40.457	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.62	45	288055	53.206	ng	91
17) 2-Methylphenol	8.55	107	184287	45.788	ng	95
18) Hexachloroethane	9.18	117	81270	42.240	ng	90
19) n-Nitroso-di-n-propylamine	8.90	70	156519	34.598	ng	# 93
20) 3+4-Methylphenols	8.88	107	254862	42.507	ng	97
22) Acetophenone	8.93	105	328276	43.567	ng	# 91
24) Nitrobenzene	9.31	77	233874	44.788	ng	# 88
25) Isophorone	9.83	82	438051	45.486	ng	# 90
26) 2-Nitrophenol	10.02	139	128015	49.578	ng	# 89
27) 2,4-Dimethylphenol	10.08	122	209574	53.430	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	277937	44.703	ng	94
29) 2,4-Dichlorophenol	10.57	162	240374	52.014	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	261800	44.350	ng	97
31) Naphthalene	10.96	128	649878	42.117	ng	99
32) Benzoic acid	10.22	122	21027	16.565	ng	# 79
33) 4-Chloroaniline	11.08	127	107527	16.049	ng	95
34) Hexachlorobutadiene	11.24	225	167131	42.684	ng	97
35) Caprolactam	11.85	113	87307m	48.113	ng	
36) 4-Chloro-3-methylphenol	12.20	107	241207	45.726	ng	# 85
37) 2-Methylnaphthalene	12.56	142	514548	43.068	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	339464	41.575	ng	97
40) Hexachlorocyclopentadiene	12.90	237	157480	62.967	ng	90

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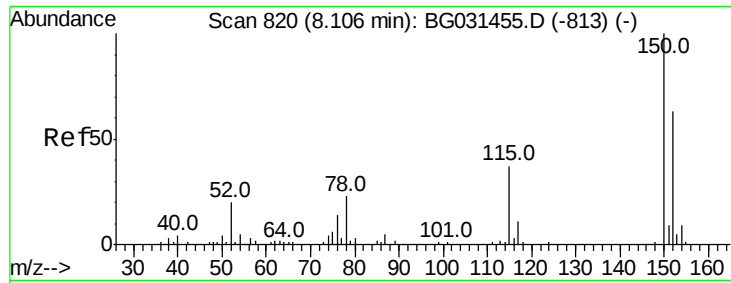
Manual Integrations
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Sohil
 12/15/2017 6:47:03 PM

Quant Time: Dec 15 04:21:11 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	212622	50.968	nq	99
43) 2,4,5-Trichlorophenol	13.26	196	228163	50.773	nq #	94
45) 1,1'-Biphenyl	13.56	154	714114	41.616	nq	97
46) 2-Chloronaphthalene	13.61	162	551228	43.890	nq	96
47) 2-Nitroaniline	13.81	65	157789	44.710	nq #	81
48) Acenaphthylene	14.45	152	835755	41.356	nq	98
49) Dimethylphthalate	14.17	163	878107	50.768	nq	99
50) 2,6-Dinitrotoluene	14.30	165	176752	47.809	nq #	76
51) Acenaphthene	14.79	154	523843	40.995	nq	99
52) 3-Nitroaniline	14.64	138	101618	26.964	nq #	83
53) 2,4-Dinitrophenol	14.86	184	65156	46.505	nq #	48
54) Dibenzofuran	15.12	168	858020	42.079	nq	99
55) 4-Nitrophenol	14.97	139	243626	94.976	nq #	79
56) 2,4-Dinitrotoluene	15.09	165	248942	47.408	nq #	74
57) Fluorene	15.77	166	697272	42.677	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	224867	53.236	nq #	90
59) Diethylphthalate	15.53	149	753000	43.432	nq	97
60) 4-Chlorophenyl-phenylether	15.75	204	412794	41.296	nq	91
61) 4-Nitroaniline	15.81	138	180859	45.730	nq	87
62) Azobenzene	16.05	77	594868	41.420	nq	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	109372	34.678	nq #	75
65) n-Nitrosodiphenylamine	15.97	169	666581	41.792	nq	99
66) 4-Bromophenyl-phenylether	16.65	248	278078	43.885	nq	99
67) Hexachlorobenzene	16.78	284	284424	43.469	nq	94
68) Atrazine	16.92	200	288209	49.418	nq	95
69) Pentachlorophenol	17.13	266	244469	77.888	nq	99
70) Phenanthrene	17.51	178	1198275	42.105	nq	97
71) Anthracene	17.60	178	1225273	43.532	nq	99
72) Carbazole	17.87	167	1146616	45.016	nq	99
73) Di-n-butylphthalate	18.41	149	1291838	43.919	nq	99
74) Fluoranthene	19.51	202	1558523	43.759	nq	96
76) Benzidine	19.69	184	853794	61.162	nq	97
77) Pyrene	19.88	202	1565559	42.003	nq	96
79) Butylbenzylphthalate	20.74	149	615720	47.089	nq	86
80) Benzo(a)anthracene	21.72	228	1545753	42.693	nq	98
81) 3,3'-Dichlorobenzidine	21.63	252	329795	26.172	nq #	98
82) Chrysene	21.79	228	1463787	42.173	nq	97
83) Bis(2-ethylhexyl)phthalate	21.59	149	862887	45.870	nq	99
84) Di-n-octyl phthalate	22.82	149	1406079	45.313	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1443215	38.907	nq #	53
87) Benzo(b)fluoranthene	23.98	252	1443572	43.640	nq	97
88) Benzo(k)fluoranthene	24.04	252	1432627	42.439	nq	96
89) Benzo(a)pyrene	24.87	252	1384779	44.130	nq	99
90) Dibenzo(a,h)anthracene	28.83	278	1201844	40.052	nq	99
91) Benzo(g,h,i)perylene	29.97	276	1181290	40.042	nq	96

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



#1

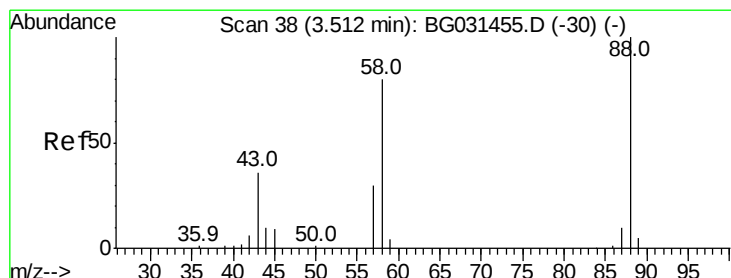
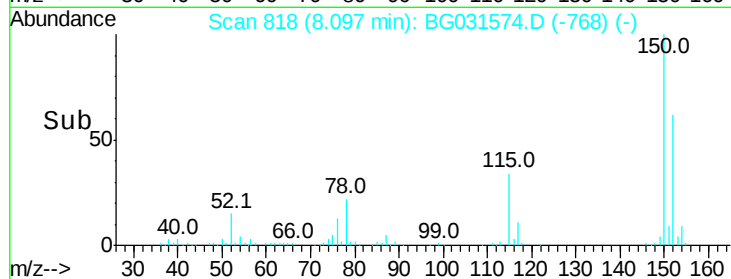
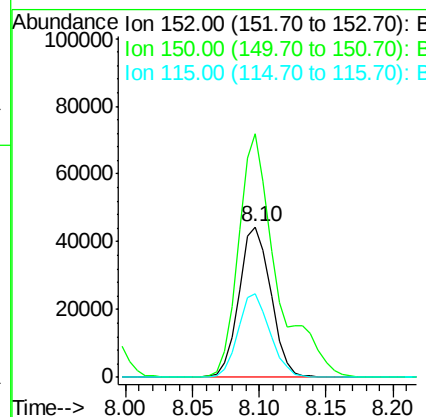
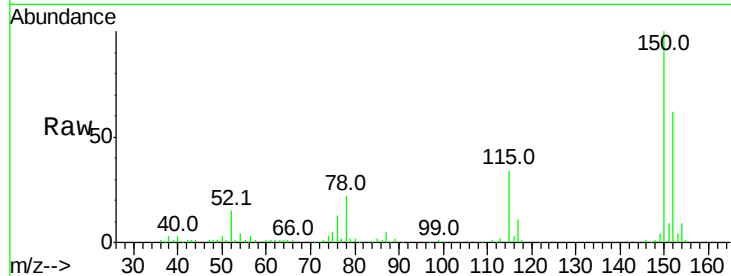
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.6	189.8
115	55.7	53.0	79.4

Manual Integrations
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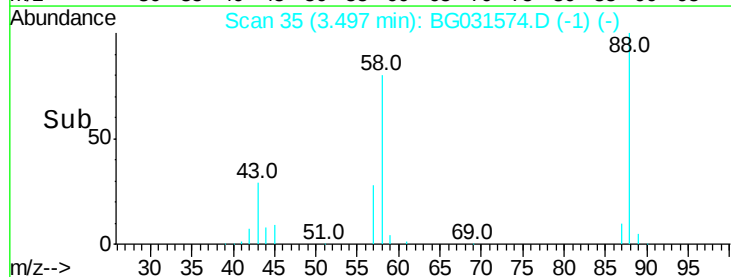
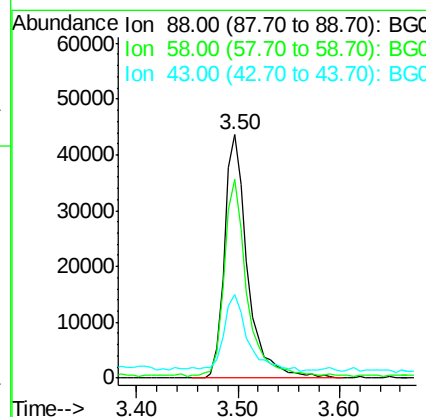
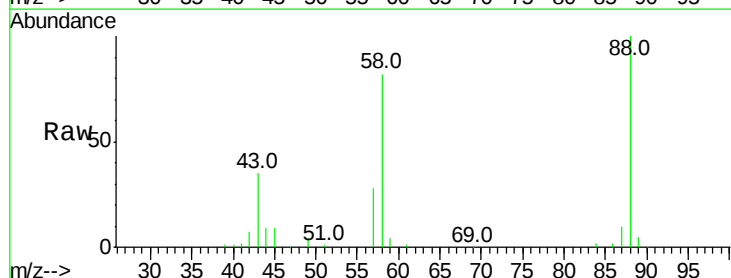
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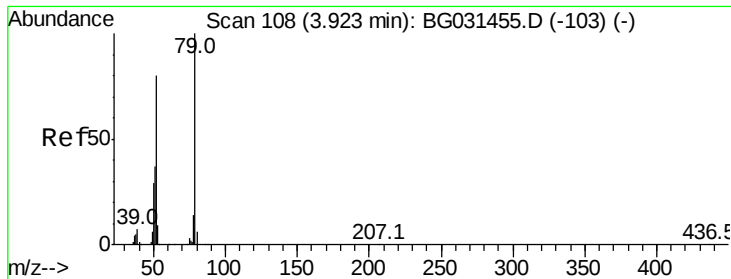


#2

1,4-Dioxane
Concen: 34.824 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	79.6	119.4#
43	31.4	27.4	41.0





#3

Pvridine

Concen: 36.281 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

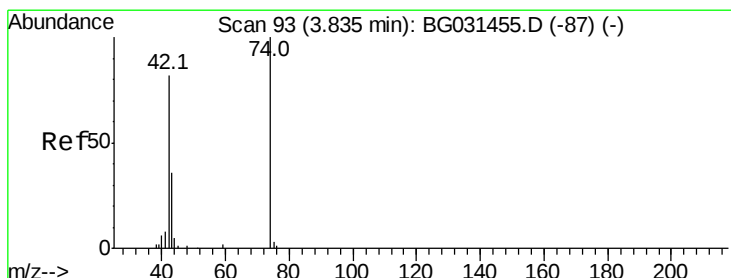
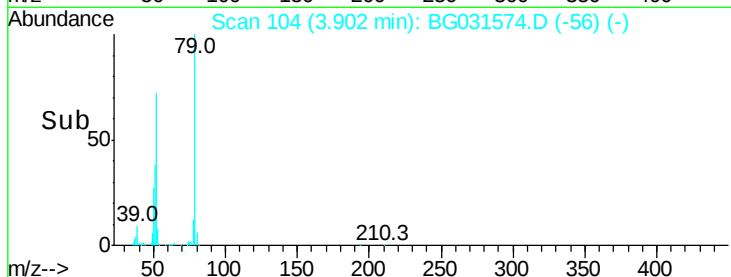
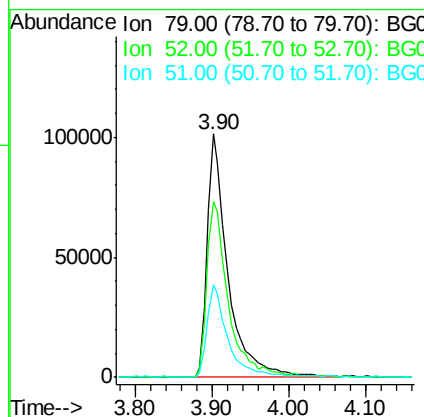
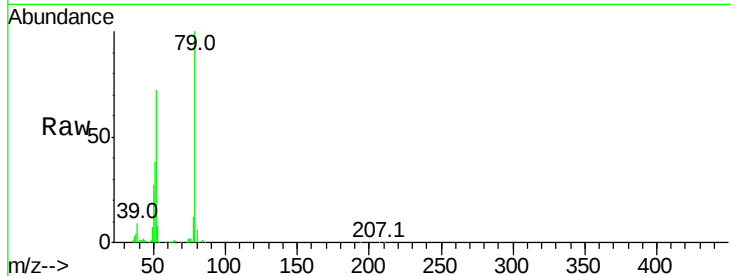
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	79	Resp:	188706
Ion Ratio	Lower	Upper	
79	100		
52	72.2	69.9	104.9
51	38.1	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.890 ng

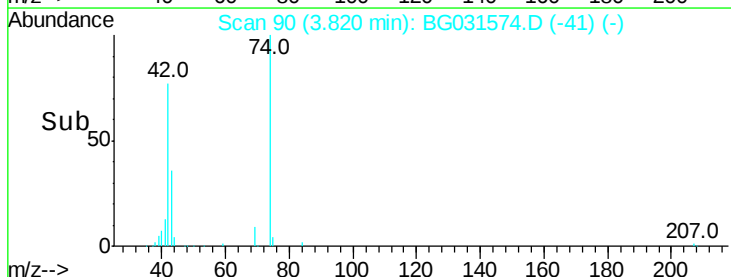
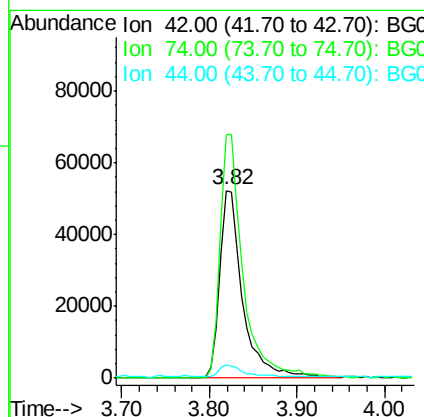
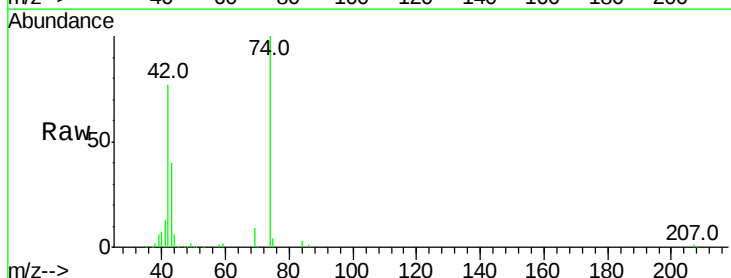
RT: 3.82 min Scan# 90

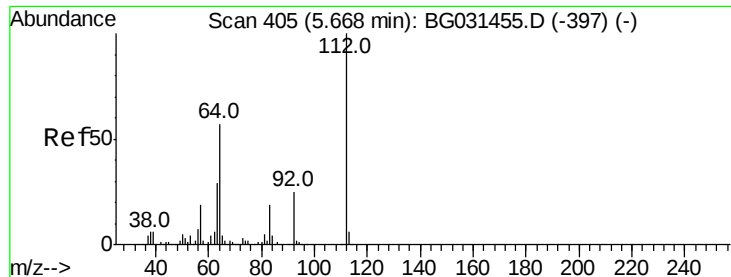
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	42	Resp:	95276
Ion Ratio	Lower	Upper	
42	100		
74	129.6	102.5	153.7
44	7.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 143.155 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

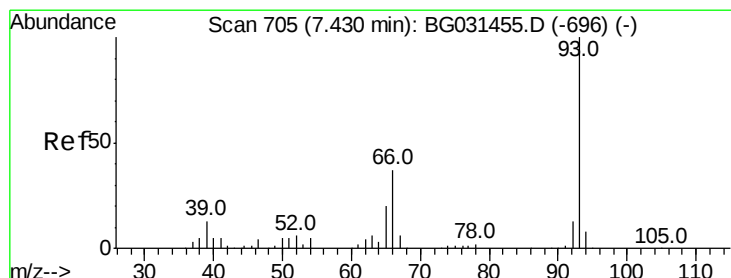
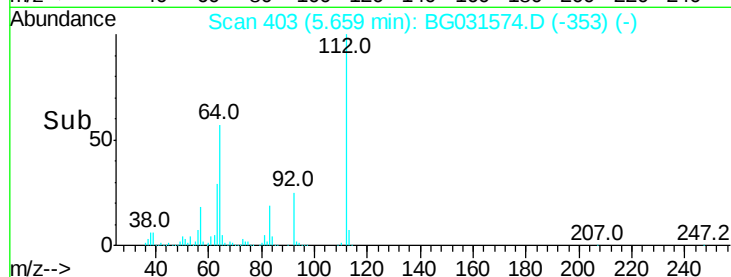
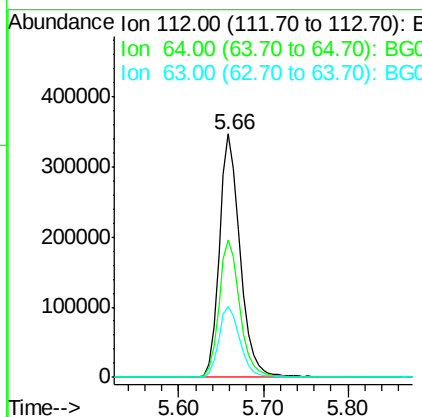
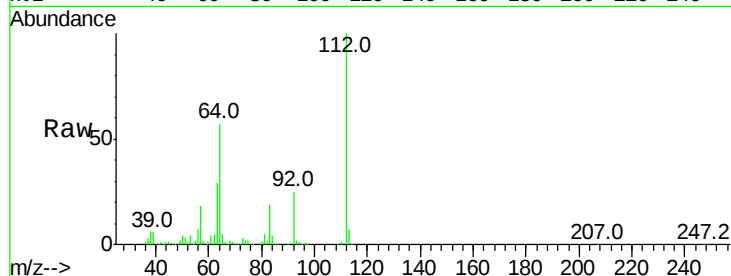
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	592698		
64	56.6	56.3	84.5	
63	29.3	30.1	45.1	

Manual Integrations
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#6

Aniline

Concen: 29.817 ng

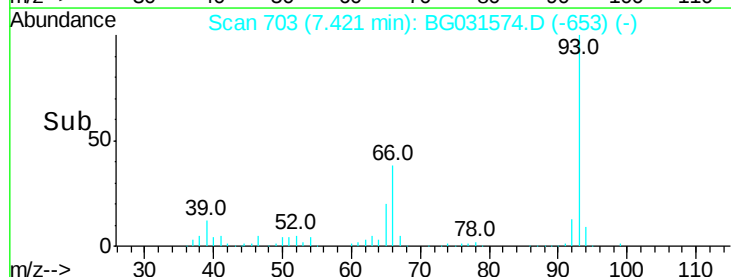
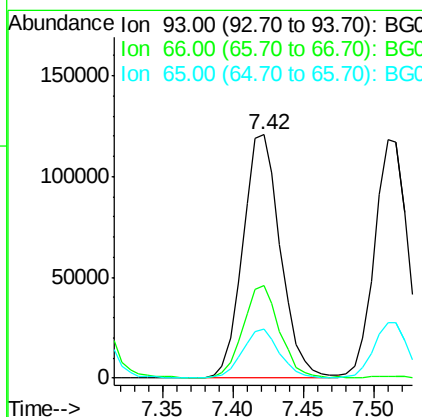
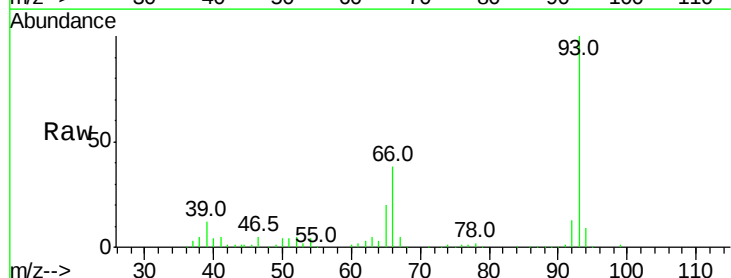
RT: 7.42 min Scan# 703

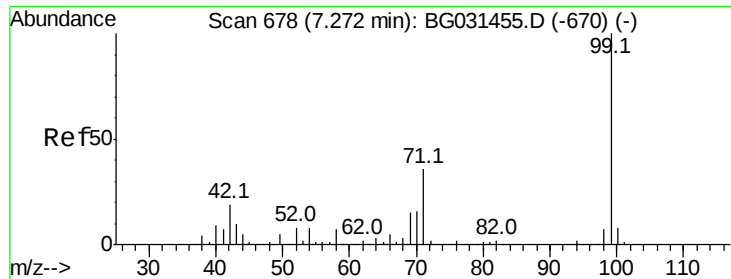
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	225693		
66	37.9	33.7	50.5	
65	20.3	16.1	24.1	





#7

Phenol-d6

Concen: 131.677 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

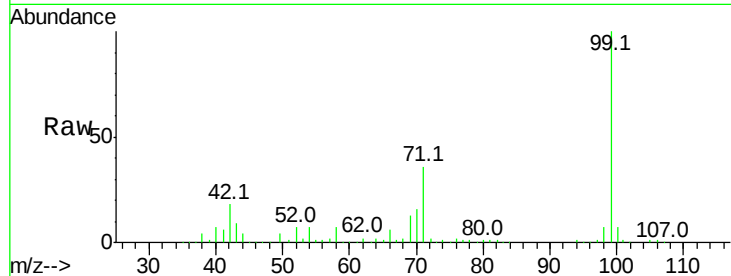
ClientSampleId :

EPE-122-2(40-42)MSD

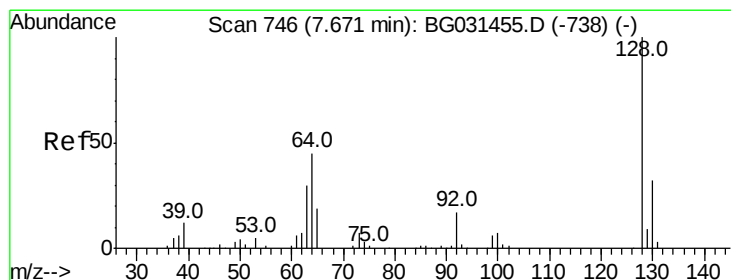
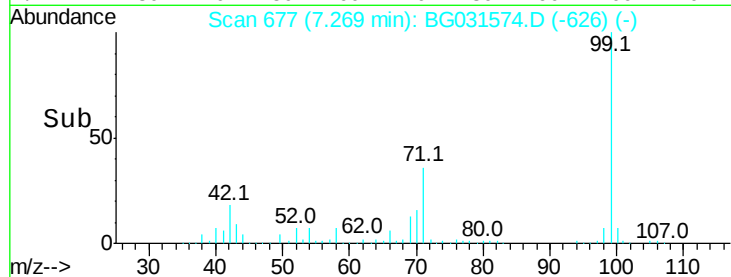
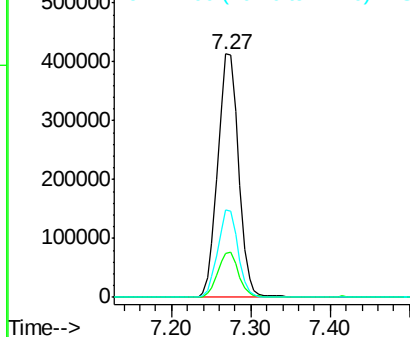
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		756833		
42	18.1	14.1	21.1		
71	35.9	26.1	39.1		

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.492 ng

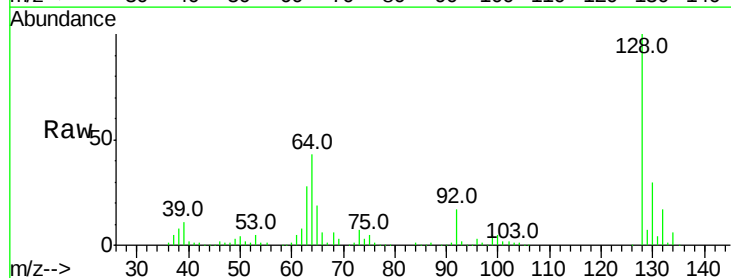
RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

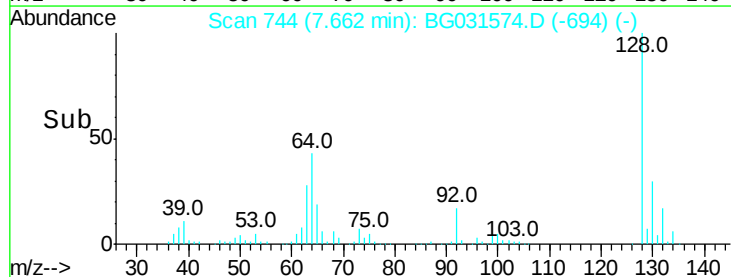
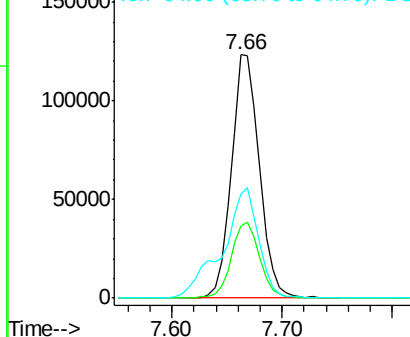
Lab File: BG031574.D

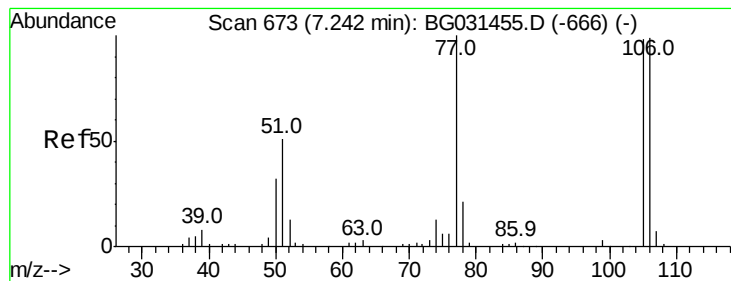
Acq: 15 Dec 2017 00:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		219330		
130	29.8	14.0	54.0		
64	42.7	37.7	77.7		



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.973 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

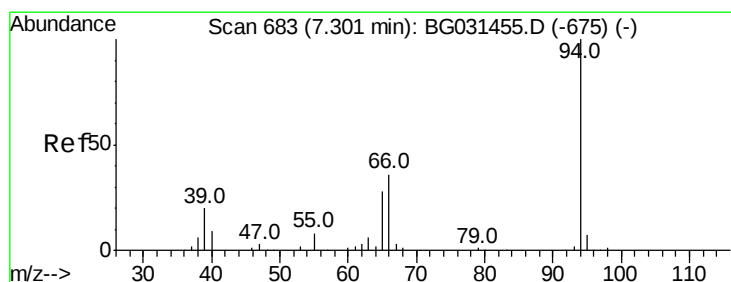
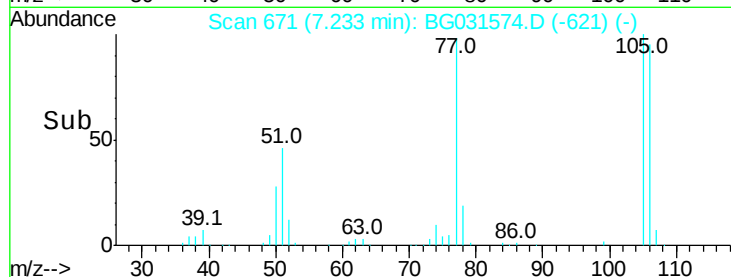
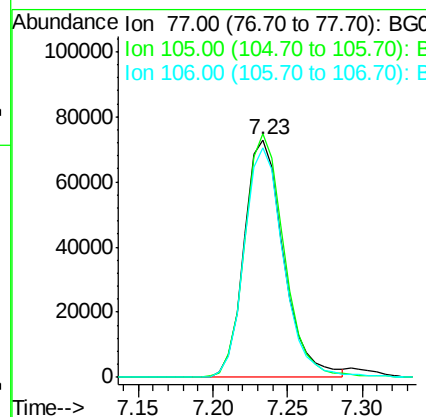
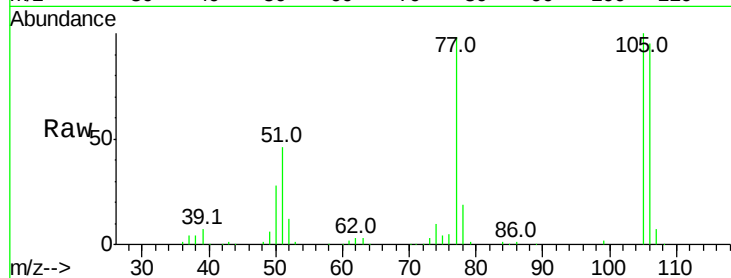
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	77	Resp:	133174
Ion	Ratio	Lower	Upper
77	100		
105	102.5	71.3	111.3
106	96.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 51.343 ng

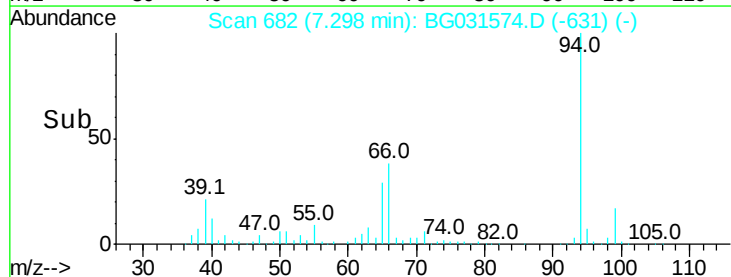
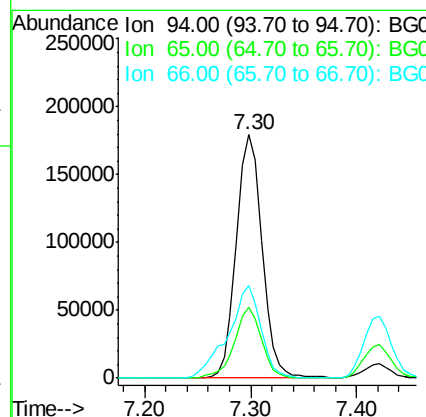
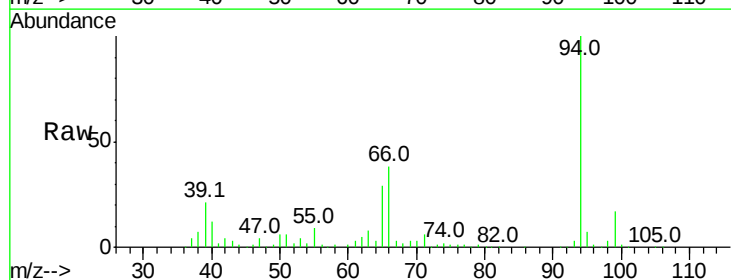
RT: 7.30 min Scan# 682

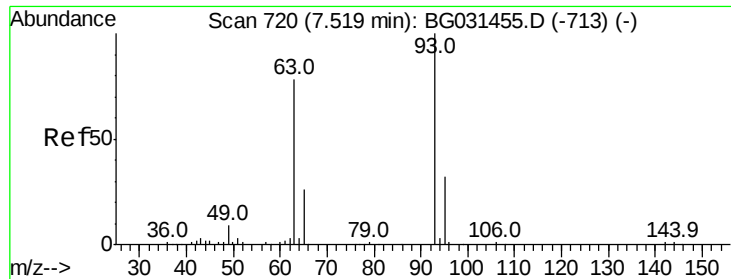
Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	94	Resp:	303150
Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.9	51.9
66	37.8	22.2	62.2





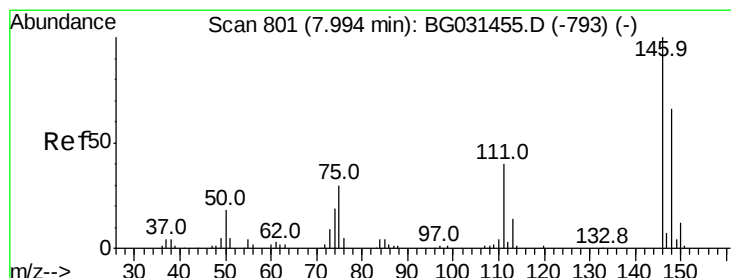
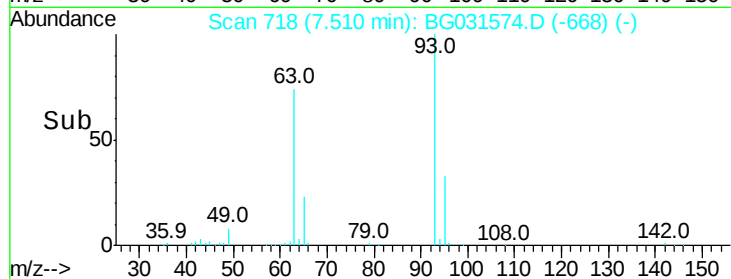
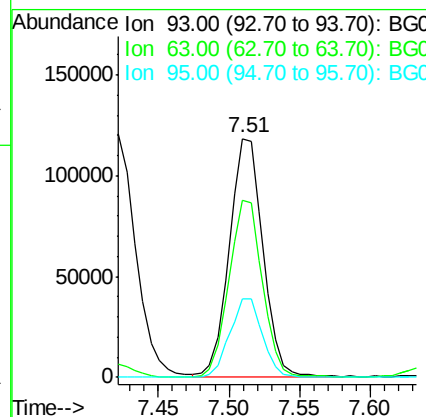
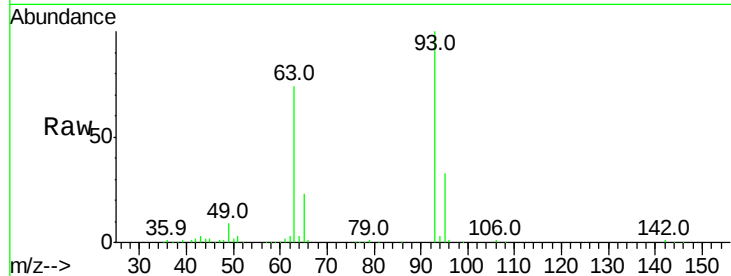
#11
bis(2-Chloroethyl)ether
Concen: 40.507 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	67.1	107.1
95	32.7	11.5	51.5

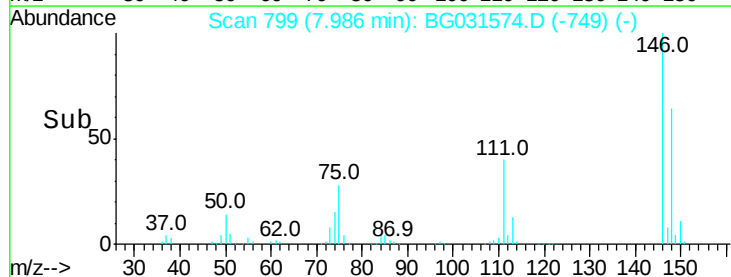
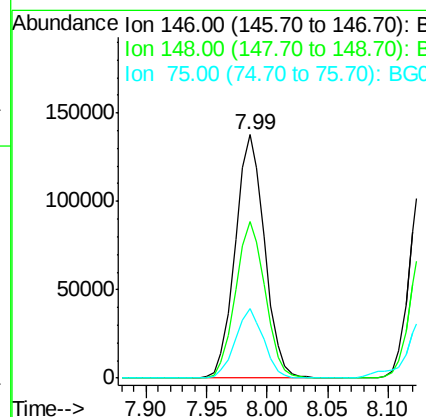
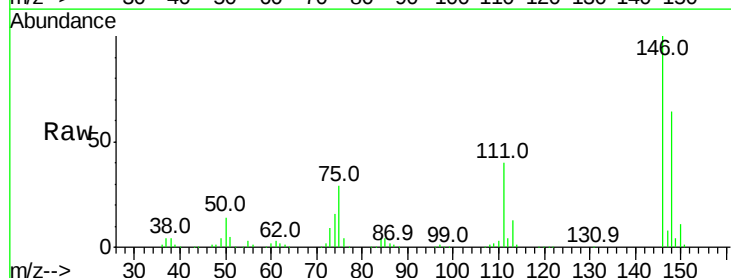
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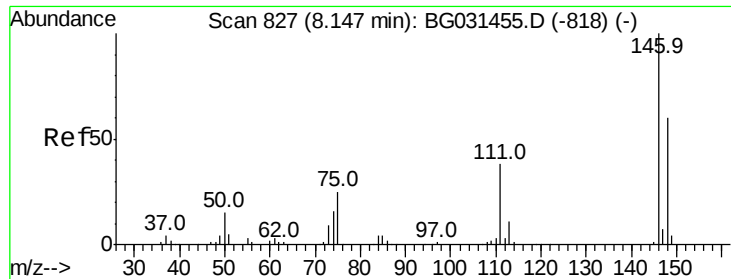
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#12
1,3-Dichlorobenzene
Concen: 42.344 ng
RT: 7.99 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	28.6	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 41.745 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

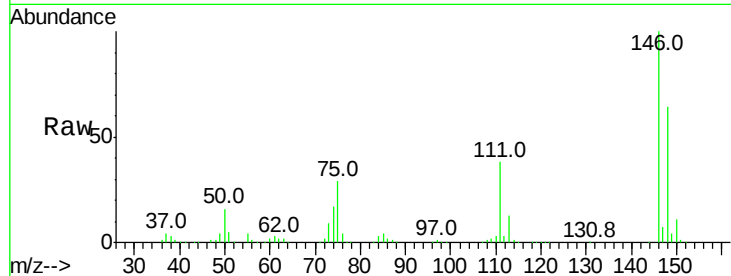
ClientSampleId :

EPE-122-2(40-42)MSD

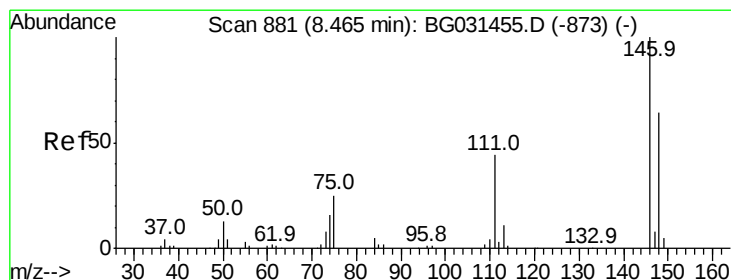
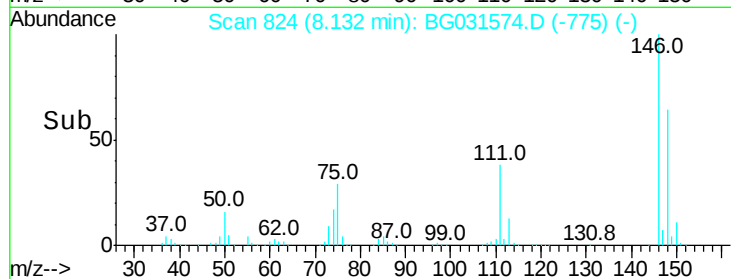
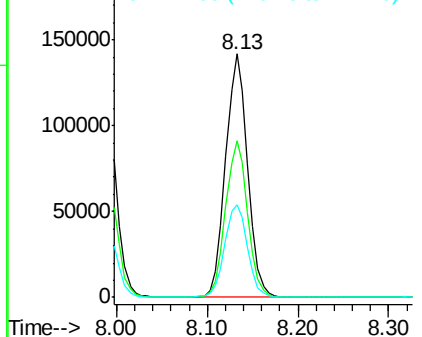
Tot Ion:	146	Resp:	238275
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.7	80.5
111	38.3	35.2	52.8

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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: 41.365 ng

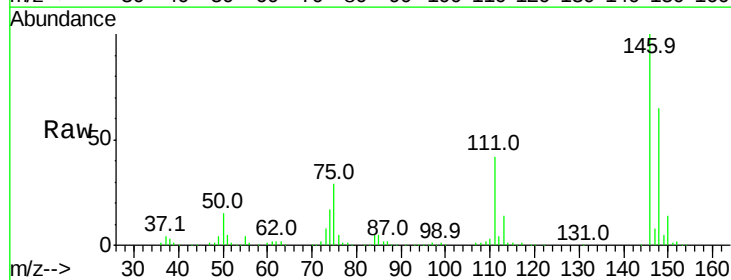
RT: 8.46 min Scan# 879

Delta R.T. -0.01 min

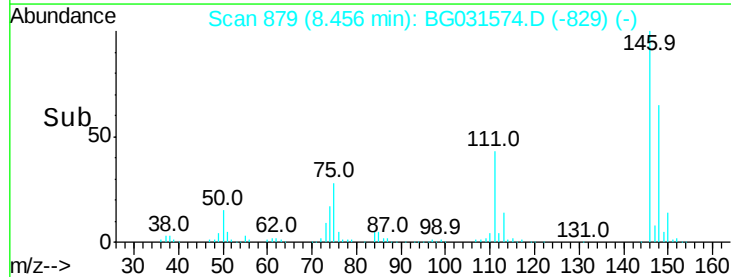
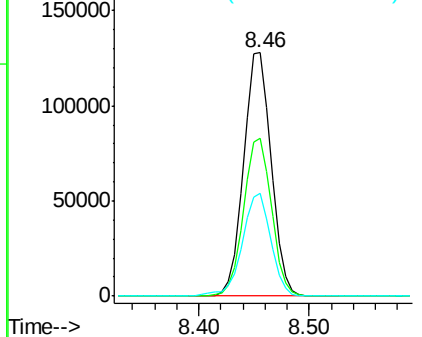
Lab File: BG031574.D

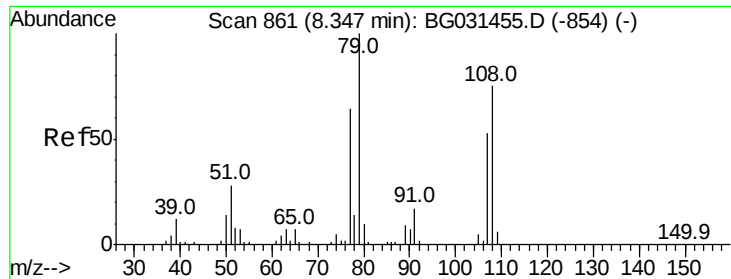
Acq: 15 Dec 2017 00:48

Tgt Ion:	146	Resp:	224912
Ion Ratio	Lower	Upper	
146	100		
148	65.0	49.3	73.9
111	42.3	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: 40.457 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

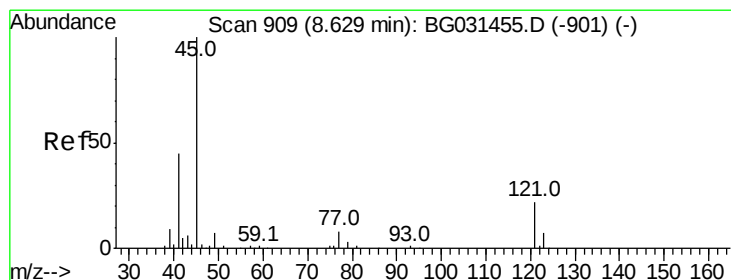
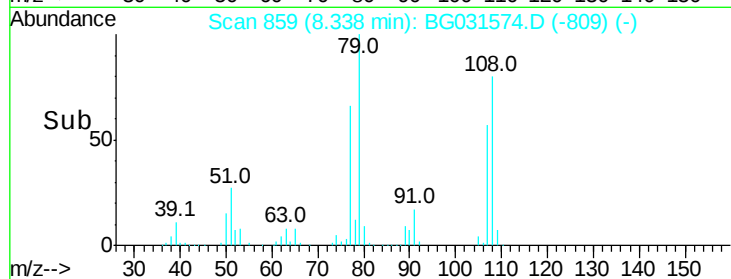
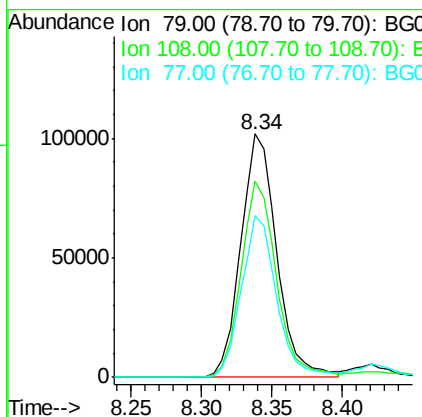
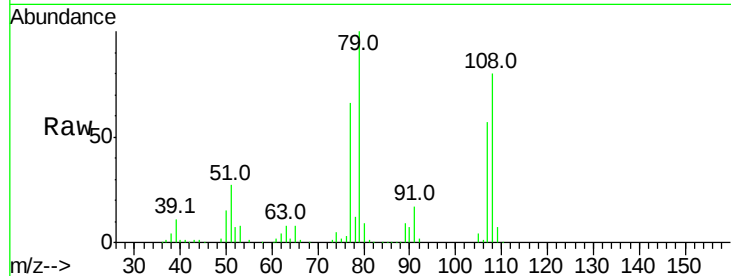
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	79	Resp:	181902
Ion Ratio	Lower	Upper	
79	100		
108	80.4	57.2	85.8
77	66.4	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.206 ng

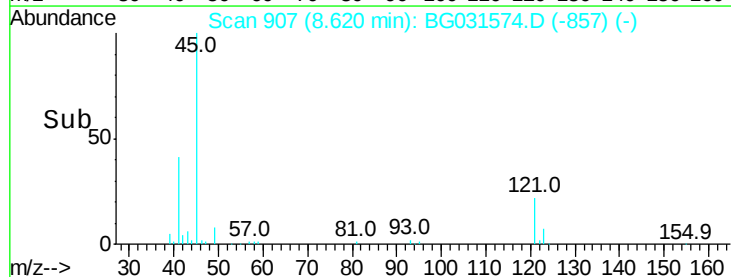
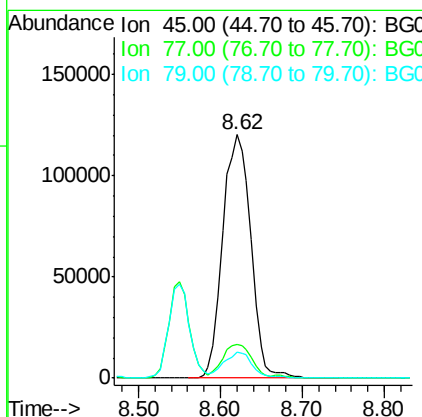
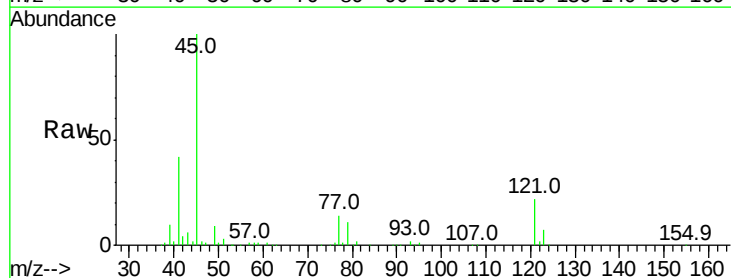
RT: 8.62 min Scan# 907

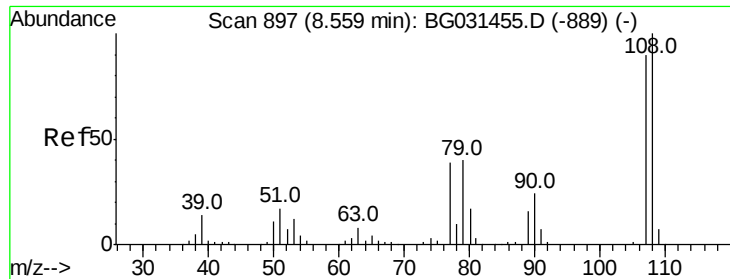
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	45	Resp:	288055
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	30.2
79	10.8	0.0	27.9





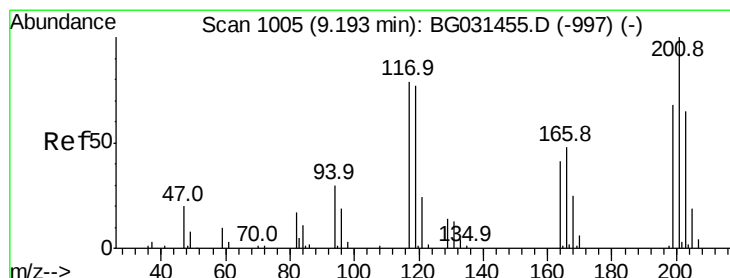
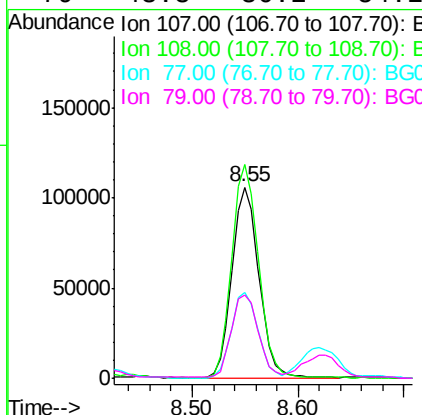
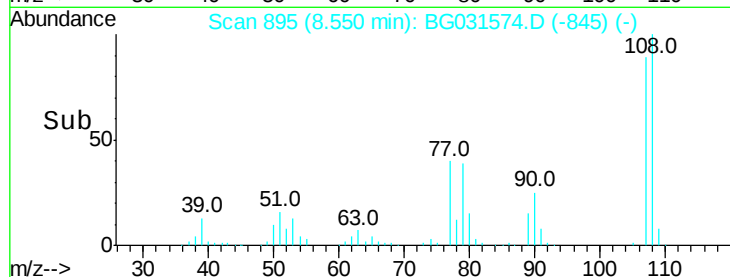
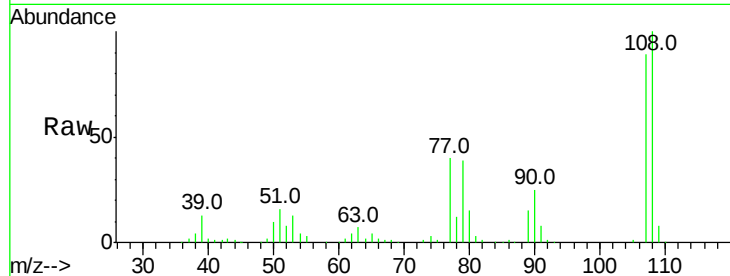
#17
2-Methylphenol
Concen: 45.788 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	83.9	125.9	
77	45.2	37.2	55.8	
79	43.8	36.2	54.2	

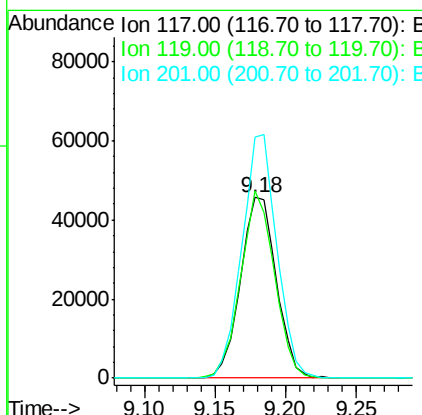
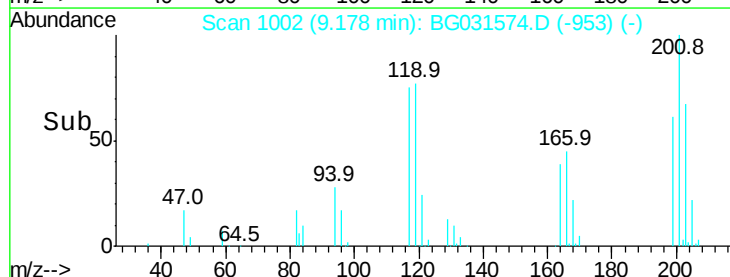
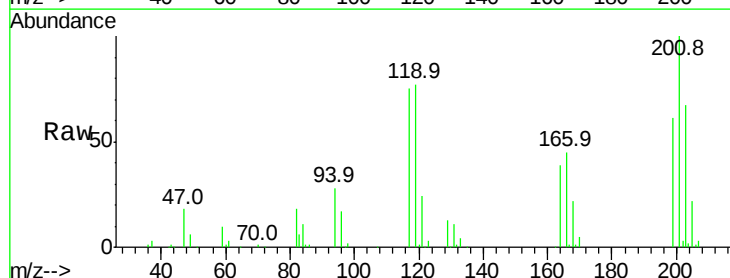
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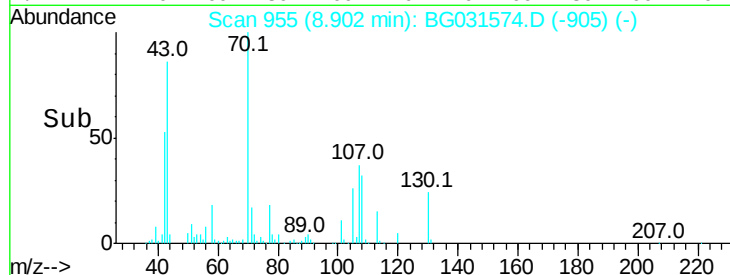
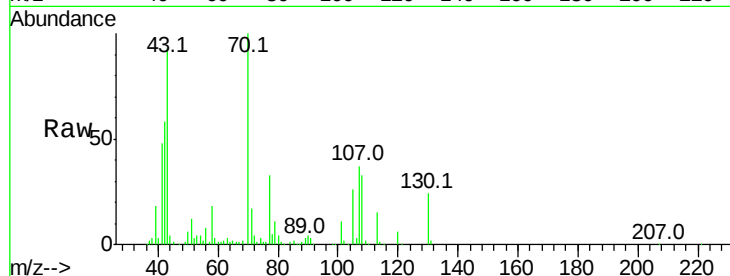
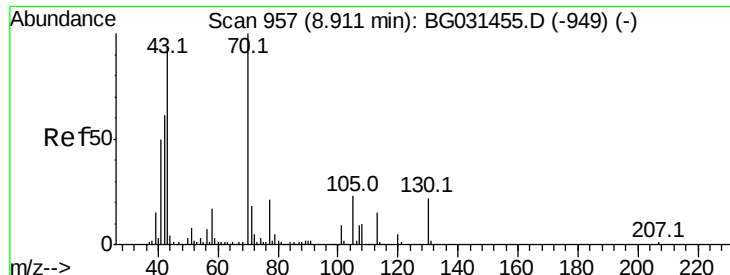
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#18
Hexachloroethane
Concen: 42.240 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.3	76.7	115.1	
201	133.4	95.7	143.5	





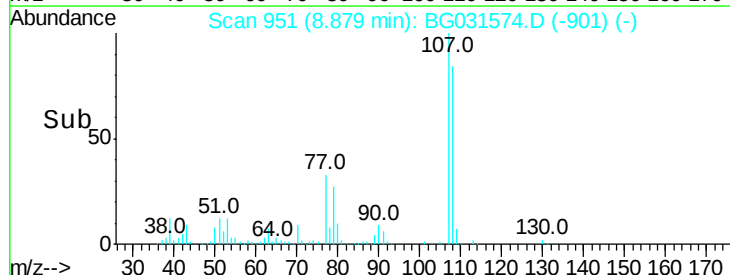
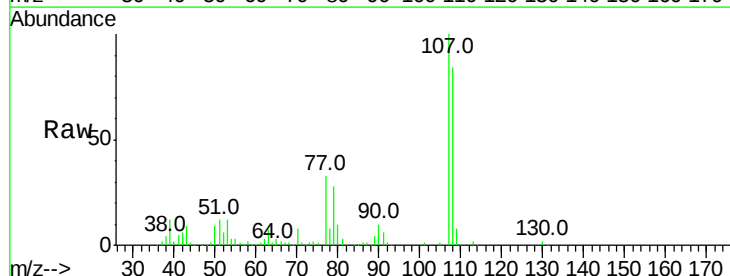
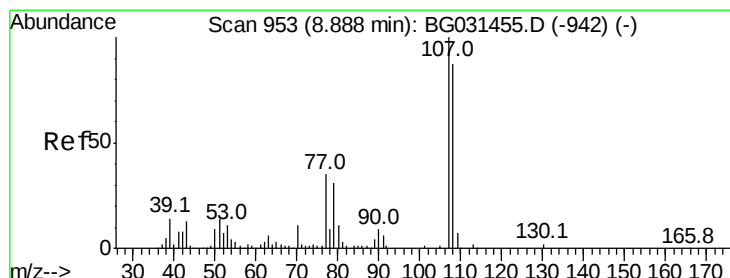
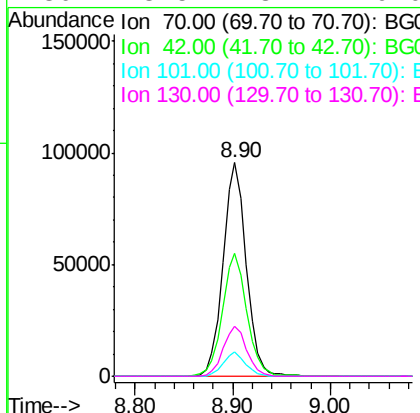
#19
n-Nitroso-di-n-propylamine
Concen: 34.598 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	49.1	73.7
101	11.2	8.5	12.7
130	23.5	13.4	20.0

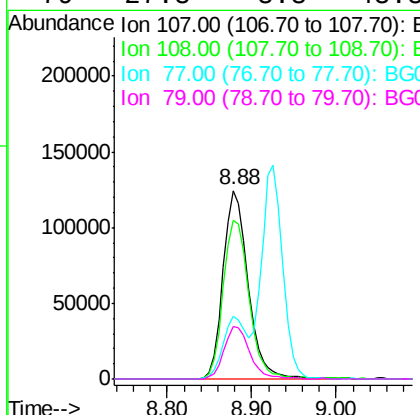
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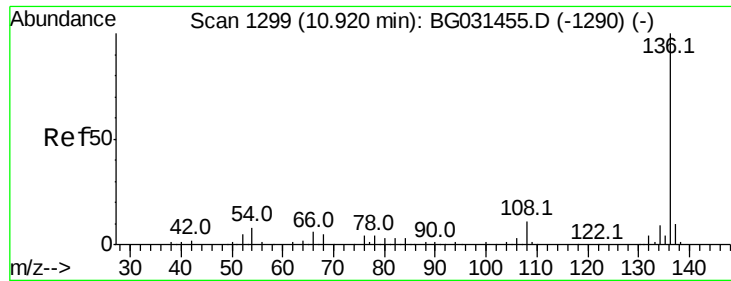
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#20
3+4-Methylphenols
Concen: 42.507 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	61.6	101.6
77	33.0	13.9	53.9
79	27.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

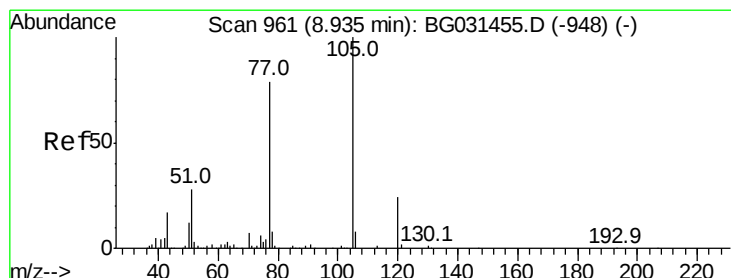
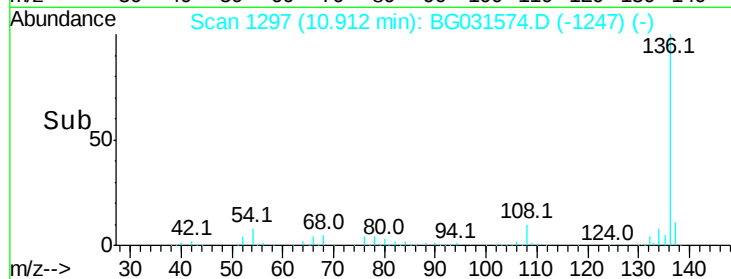
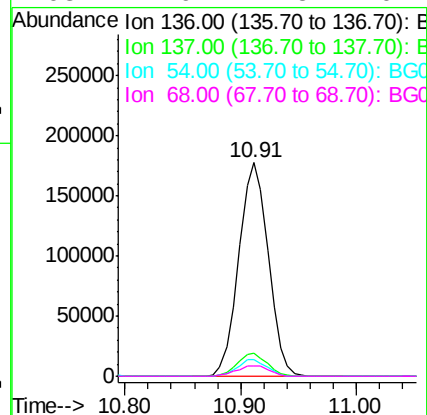
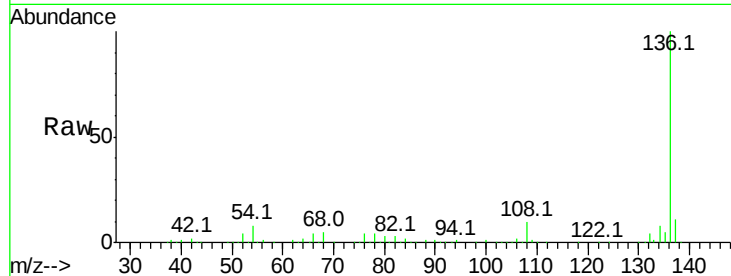
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	7.8	10.3	15.5#	
68	4.9	4.5	6.7	

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#22

Acetophenone

Concen: 43.567 ng

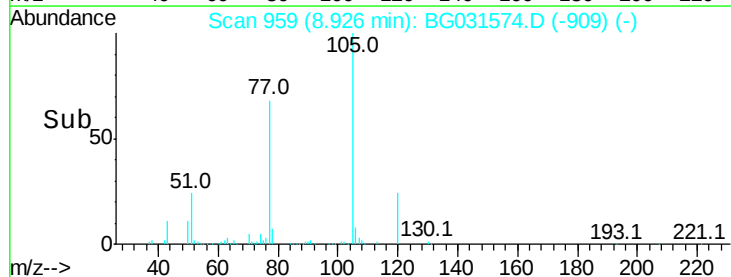
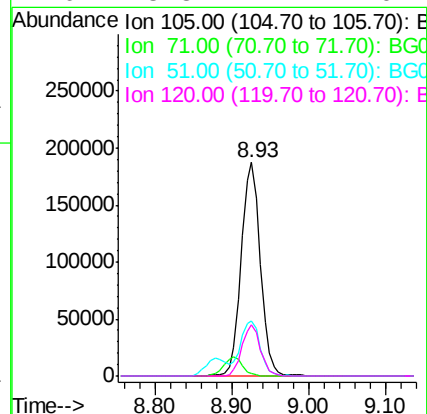
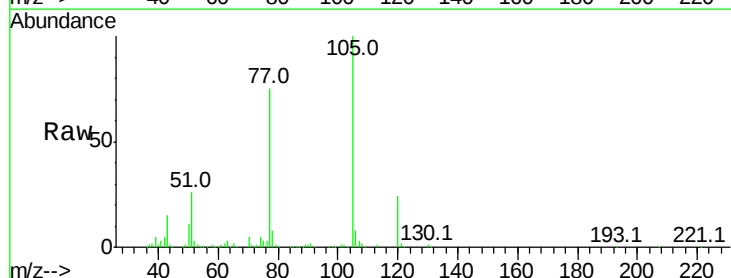
RT: 8.93 min Scan# 959

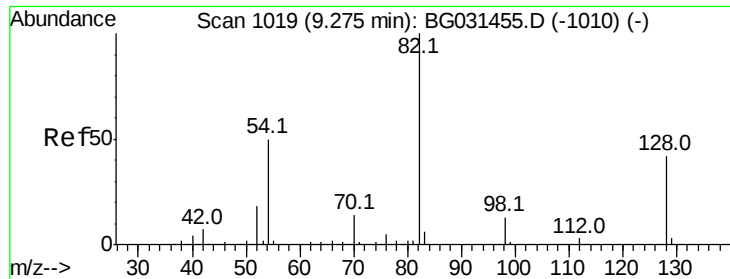
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	3.0	4.4#	
51	25.6	26.1	39.1#	
120	23.8	17.4	26.2	





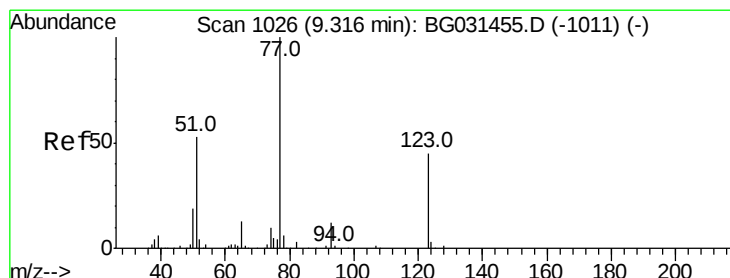
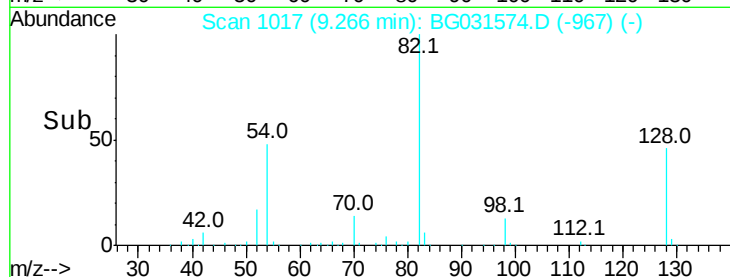
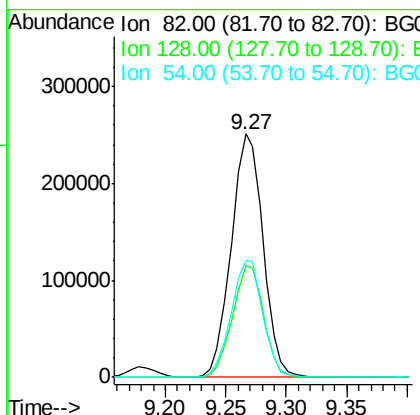
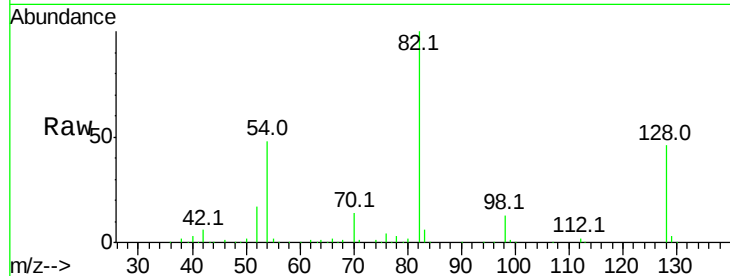
#23
Nitrobenzene-d5
Concen: 90.383 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	48.0	43.1	64.7

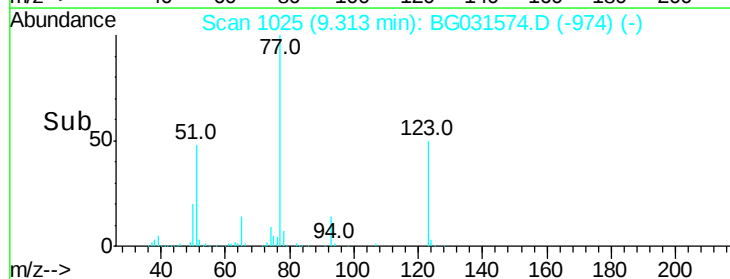
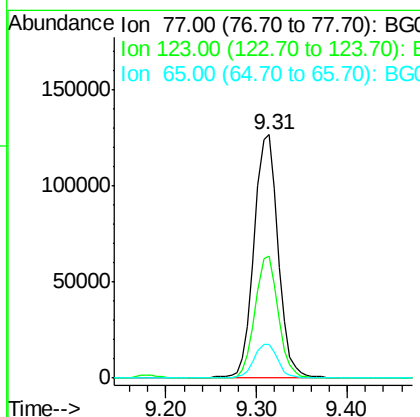
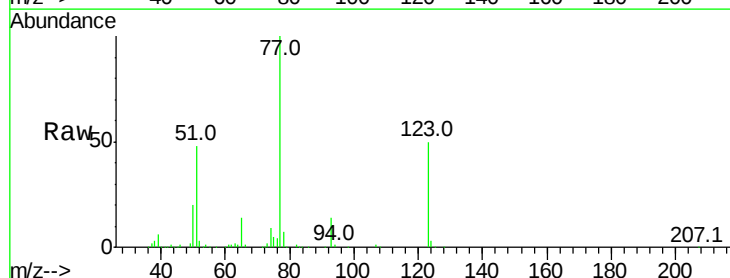
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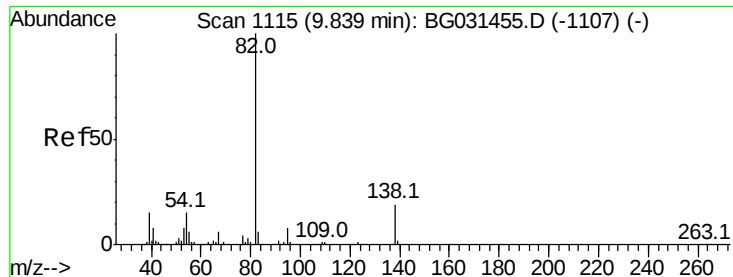
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#24
Nitrobenzene
Concen: 44.788 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	33.0	49.6#
65	13.7	13.0	19.6





#25

Isophorone

Concen: 45.486 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

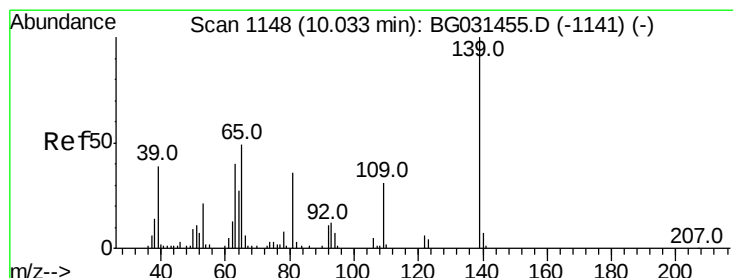
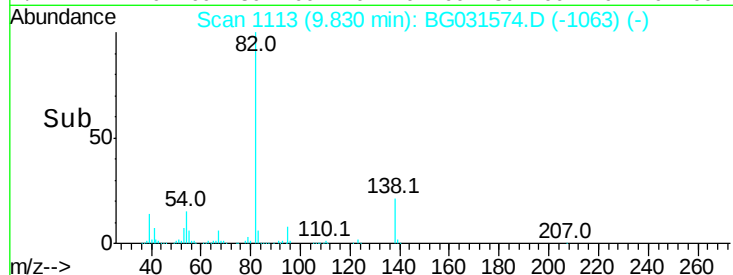
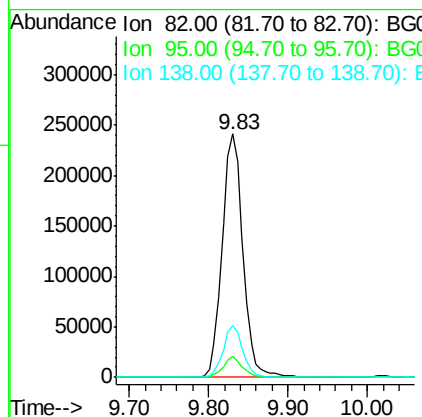
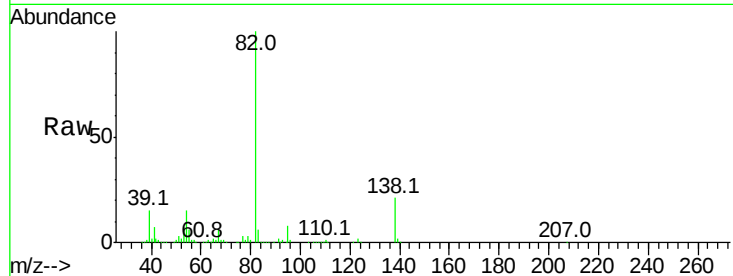
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion	82	Resp	438051
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	20.9	12.1	18.1#

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#26

2-Nitrophenol

Concen: 49.578 ng

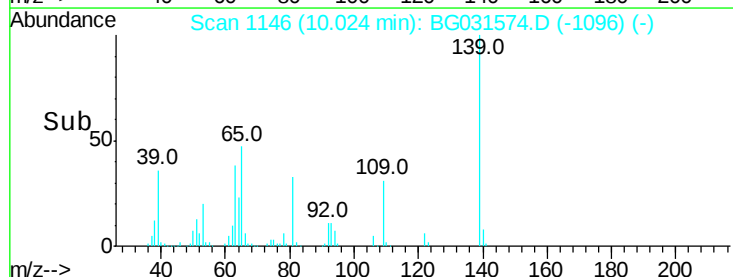
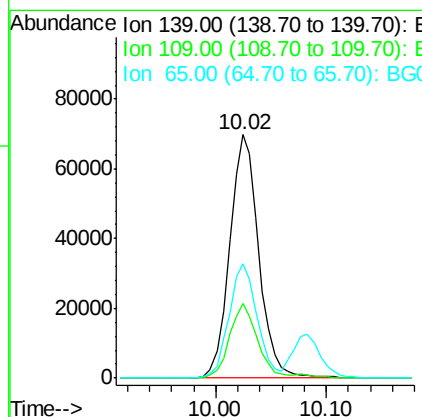
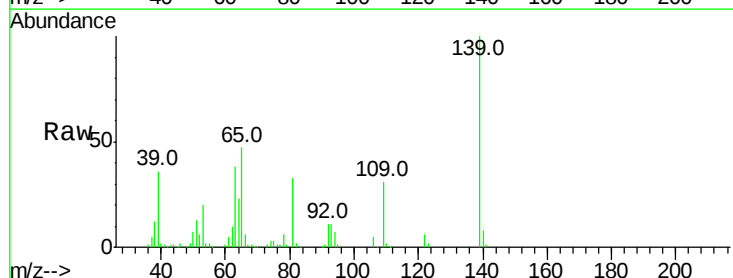
RT: 10.02 min Scan# 1146

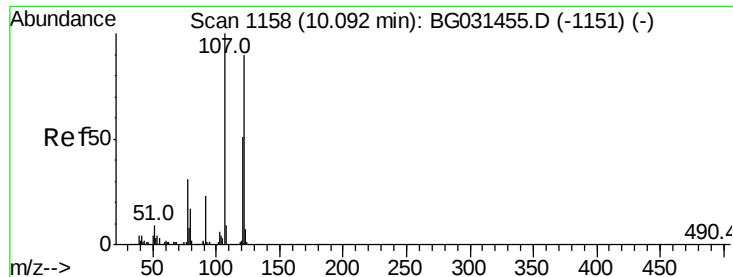
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion	139	Resp	128015
Ion Ratio	Lower	Upper	
139	100		
109	30.5	24.2	36.2
65	46.8	47.4	71.0#





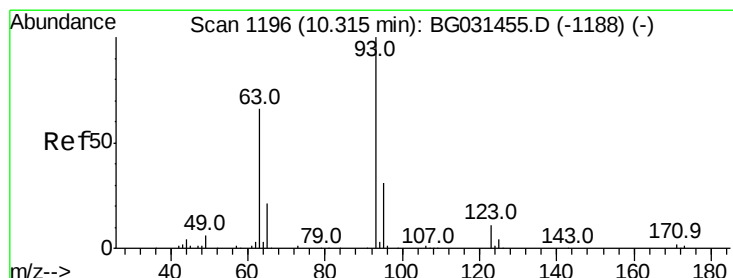
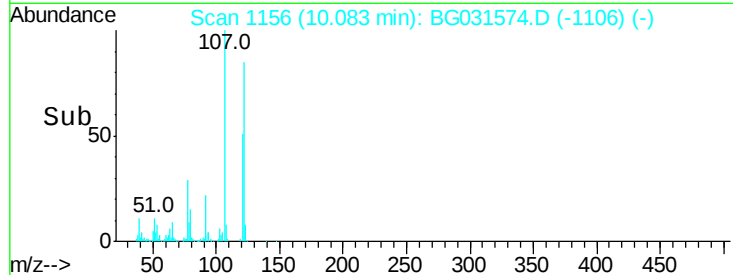
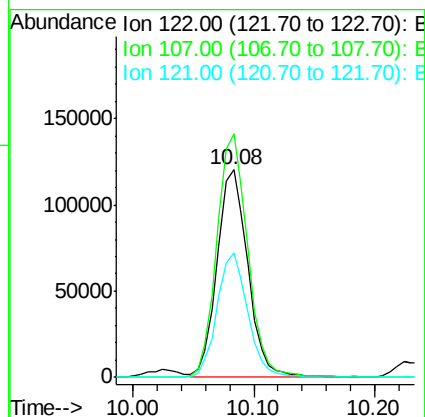
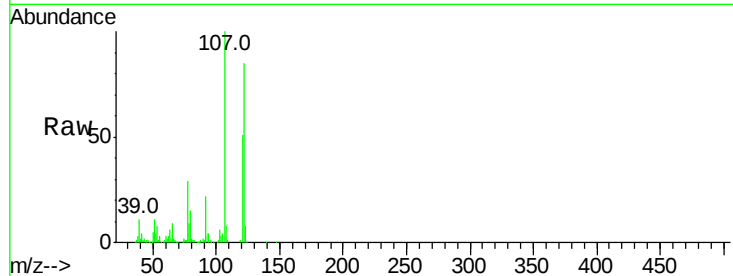
#27
2,4-Dimethylphenol
Concen: 53.430 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	100.2	150.2
121	59.8	44.4	66.6

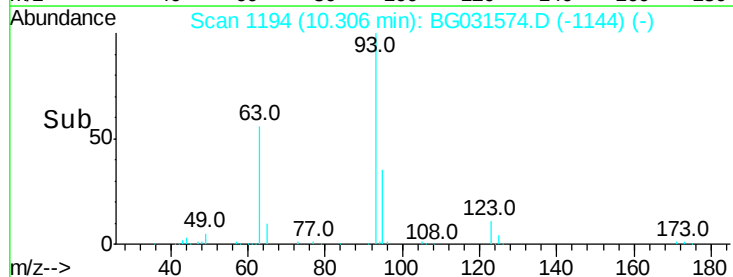
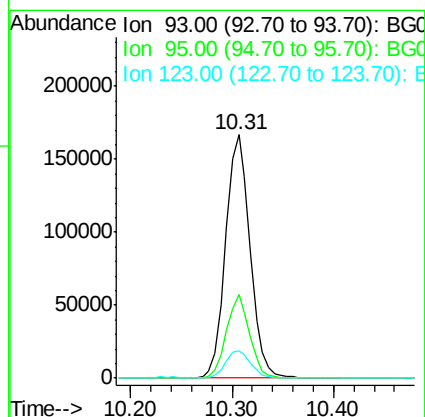
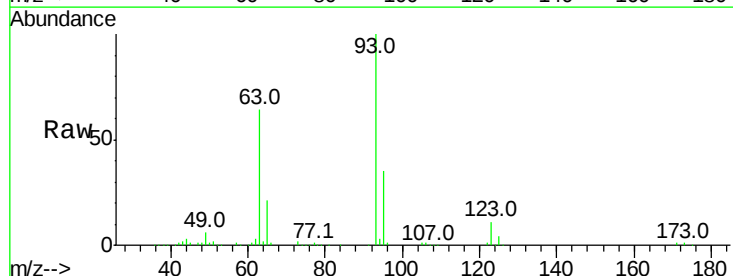
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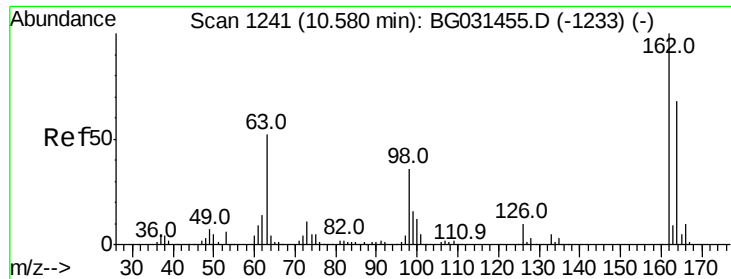
Sohil
12/15/2017 6:47:03 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.703 ng
RT: 10.31 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	24.3	36.5
123	11.4	8.4	12.6





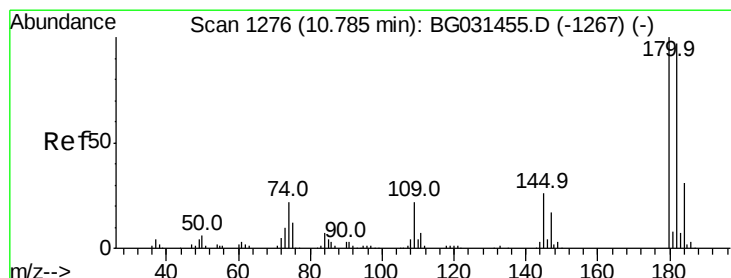
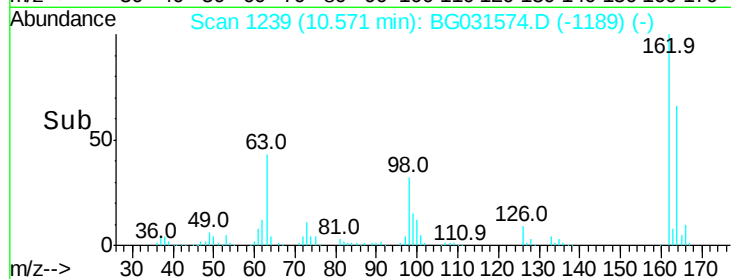
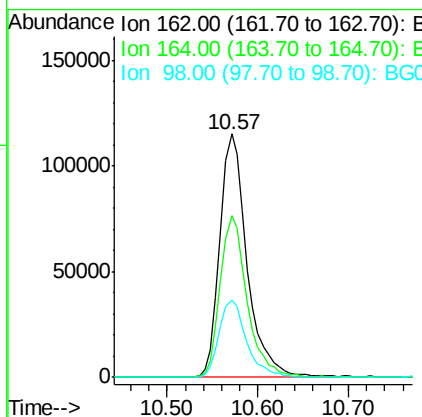
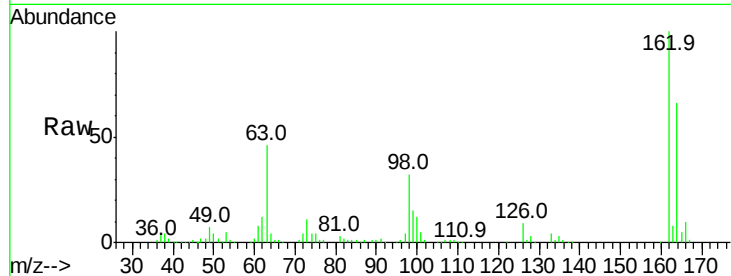
#29
 2,4-Dichlorophenol
 Concen: 52.014 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	240374		
164	66.3	48.0	88.0	
98	31.7	21.1	61.1	

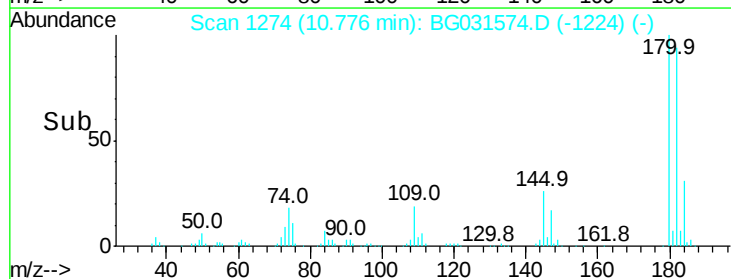
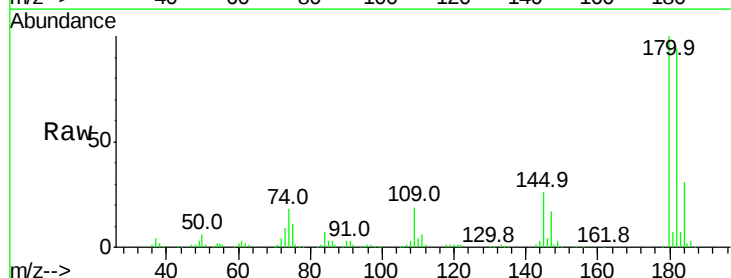
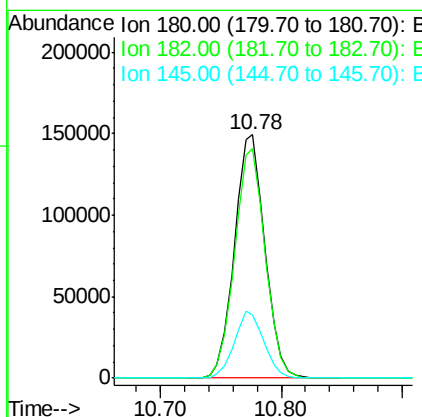
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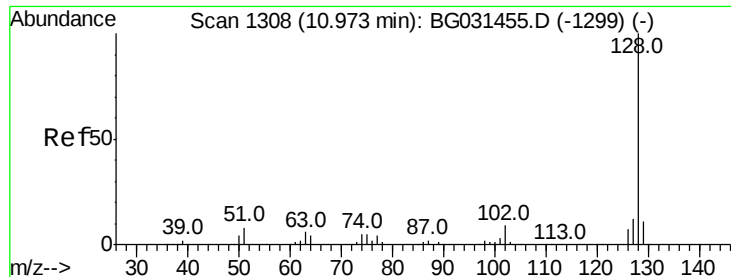
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.350 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261800		
182	94.3	77.5	116.3	
145	26.1	23.4	35.2	





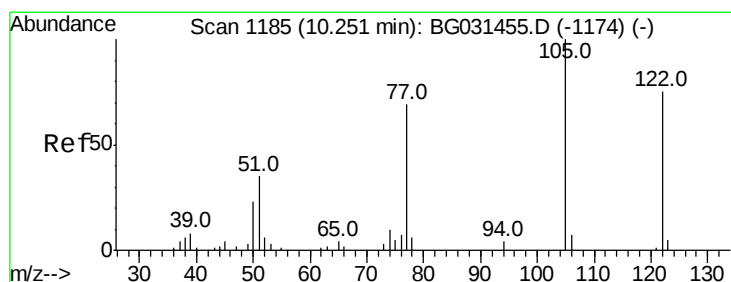
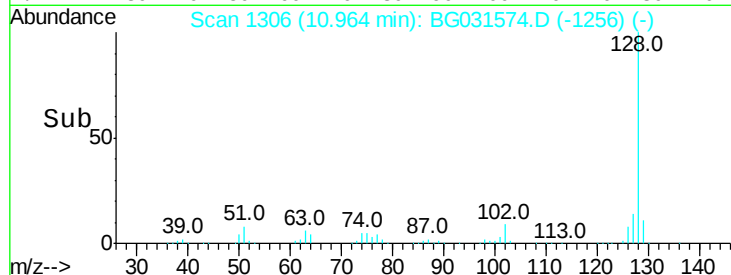
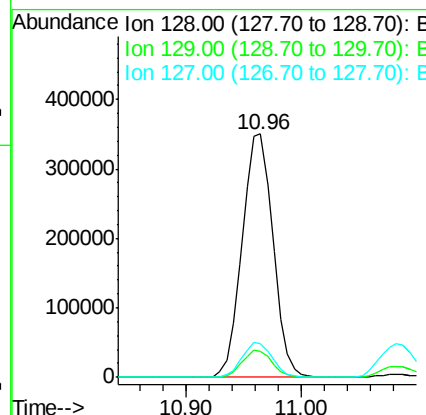
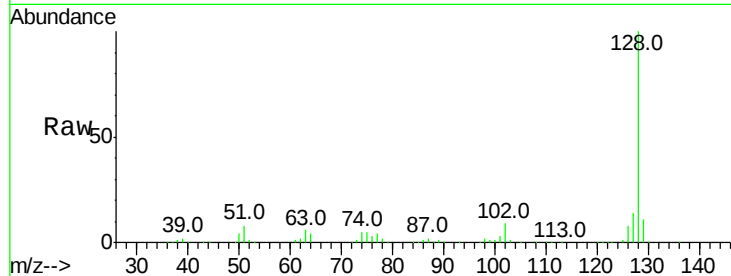
#31
Naphthalene
Concen: 42.117 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.8	11.6	17.4

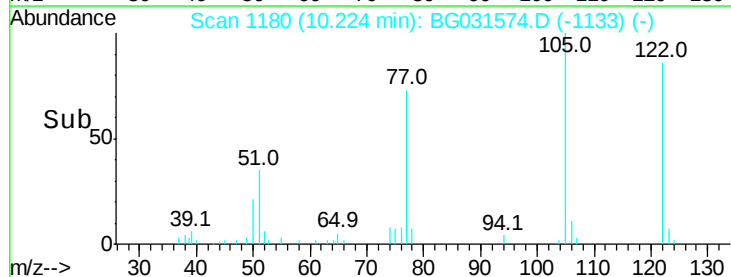
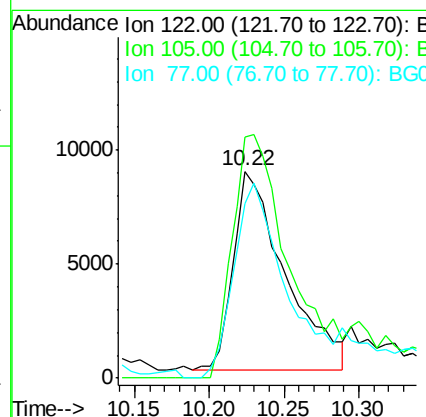
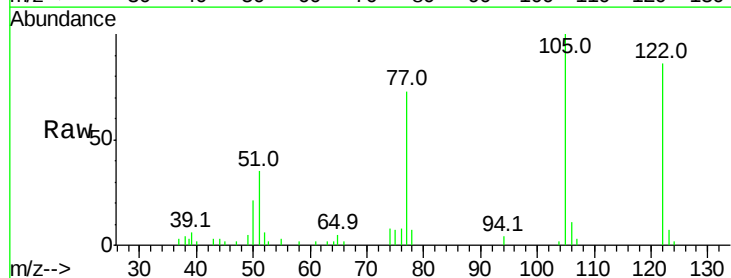
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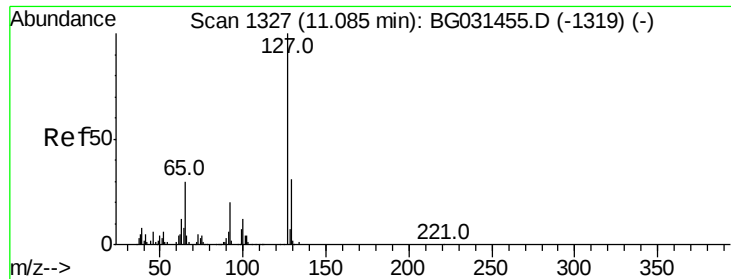
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#32
Benzoic acid
Concen: 16.565 ng
RT: 10.22 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.3	123.5	163.5#
77	84.6	85.7	125.7#





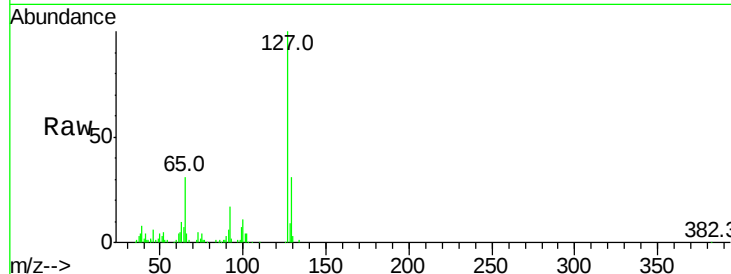
#33
4-Chloroaniline
Concen: 16.049 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

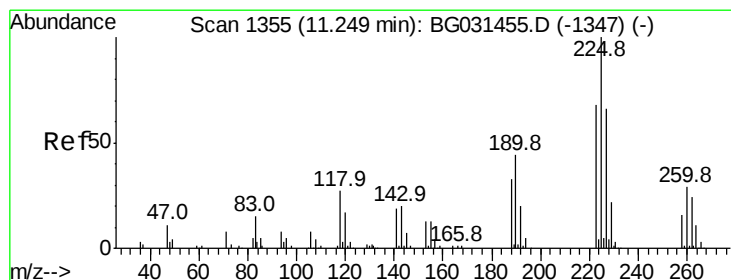
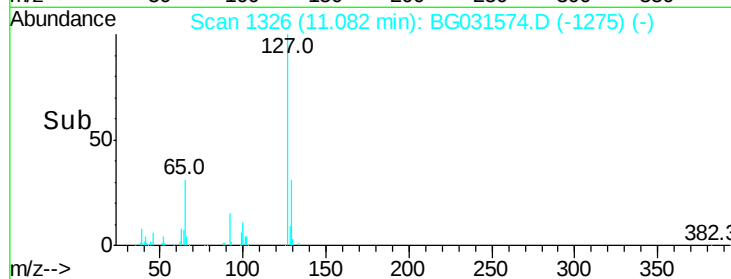
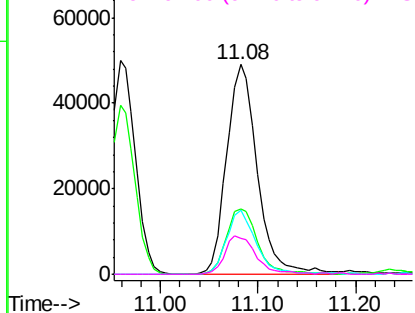
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	24.0	36.0	
65	30.8	27.0	40.4	
92	17.2	16.6	25.0	

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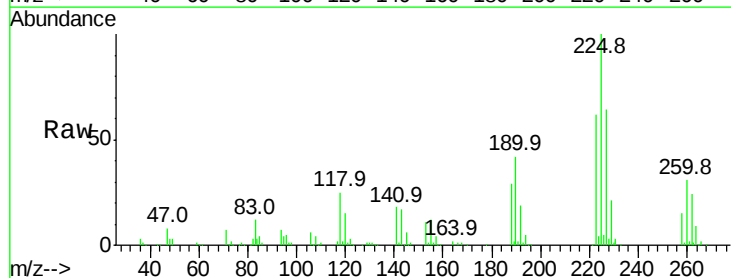


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

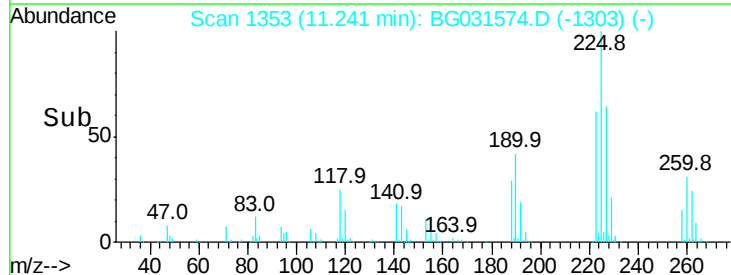
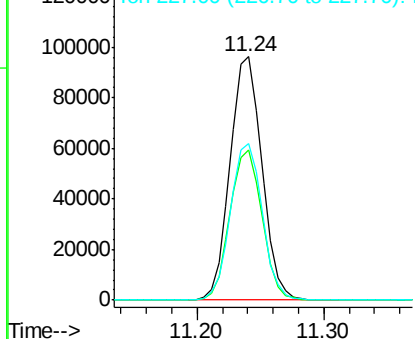


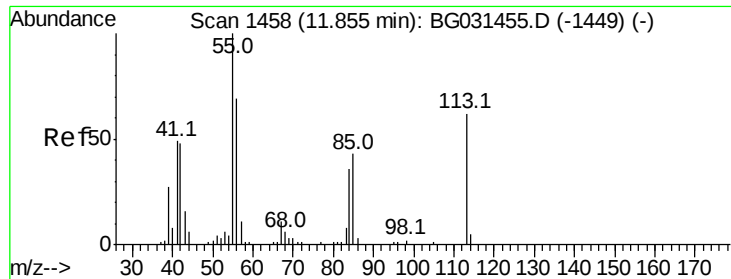
#34
Hexachlorobutadiene
Concen: 42.684 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	49.7	74.5	
227	64.3	48.1	72.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.113 ng/mL

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:113 Resp: 87307

Ion Ratio Lower Upper

113 100

55 176.6 186.9 226.9#

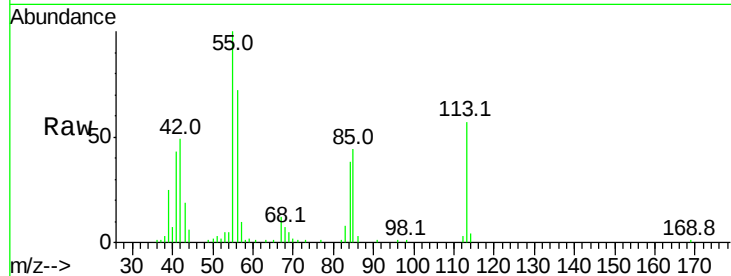
56 126.9 130.9 170.9#

Manual Integrations

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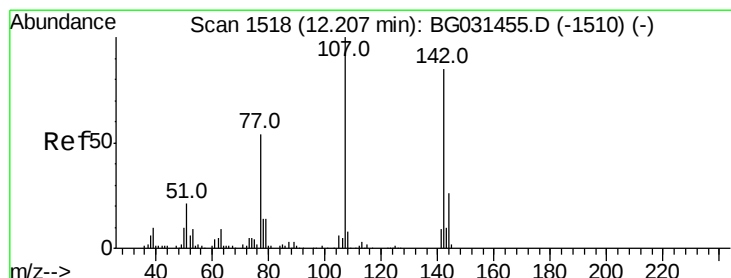
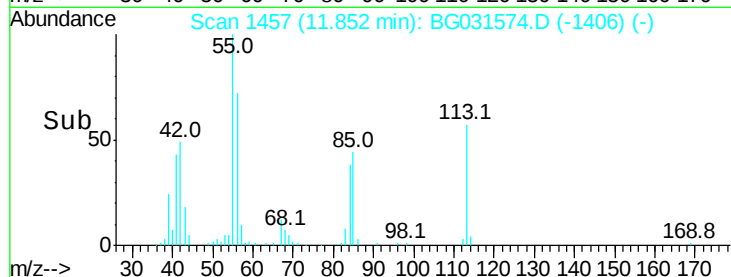
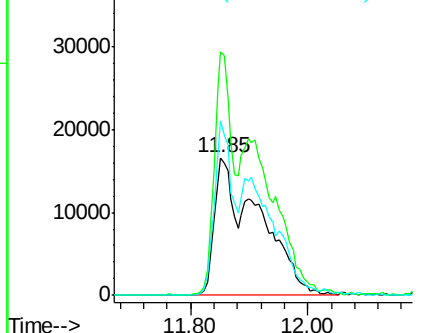
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.726 ng/mL

RT: 12.20 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

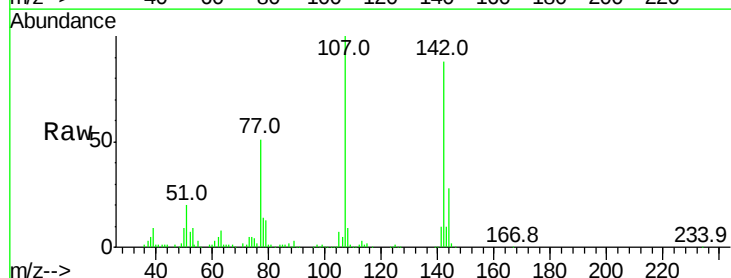
Tgt Ion:107 Resp: 241207

Ion Ratio Lower Upper

107 100

144 28.3 18.2 27.4#

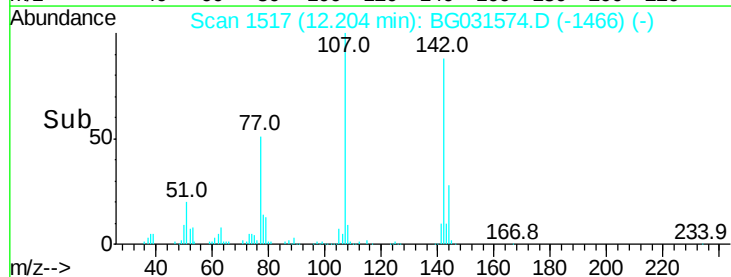
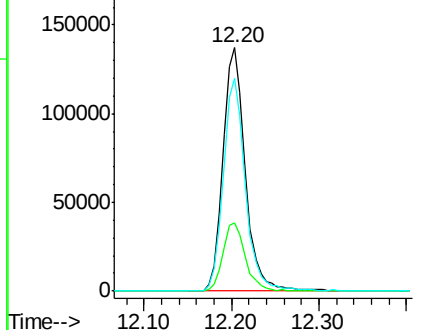
142 87.7 59.0 88.4

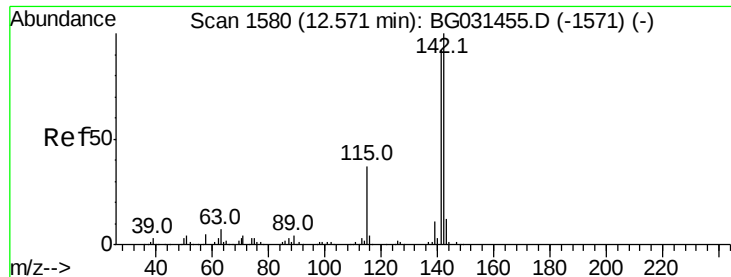


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





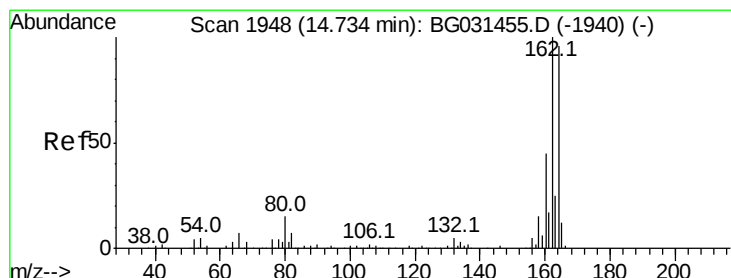
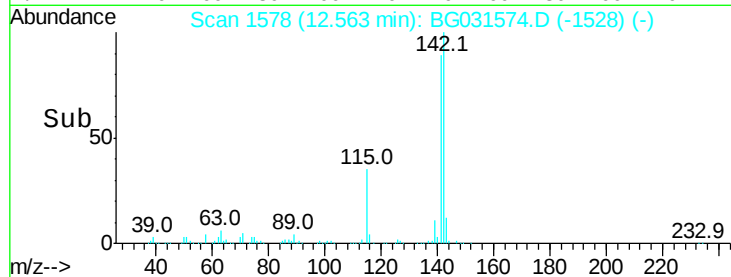
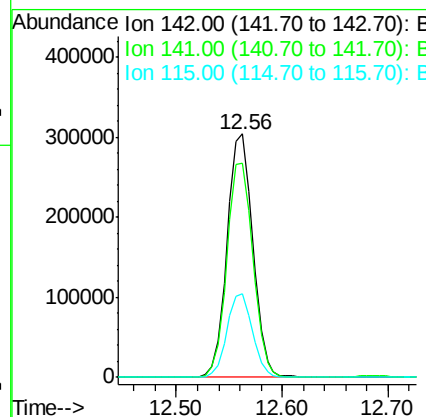
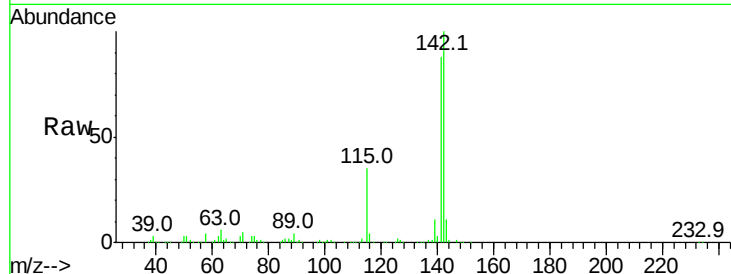
#37
2-Methylnaphthalene
Concen: 43.068 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.1	100.7
115	34.5	30.7	46.1

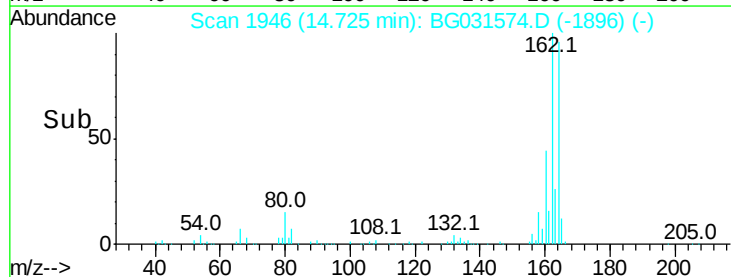
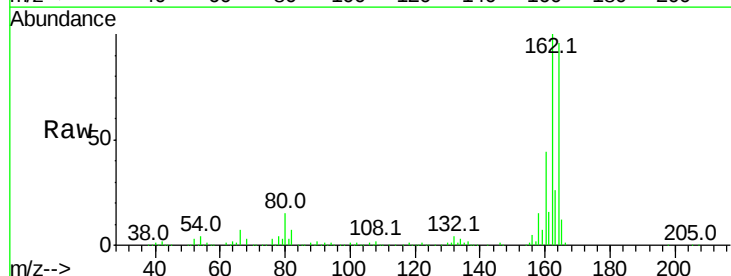
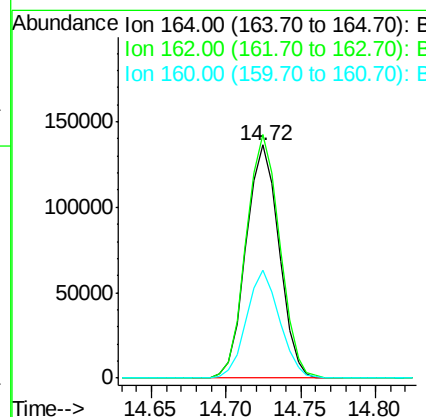
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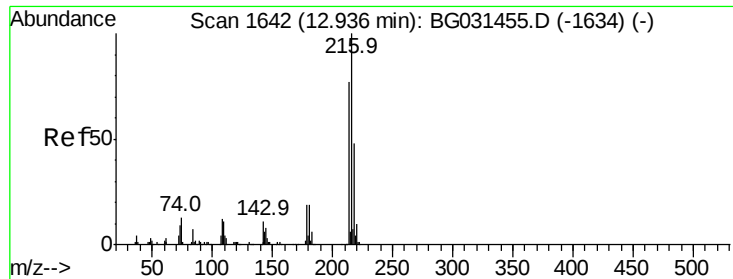
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	46.3	35.4	53.0





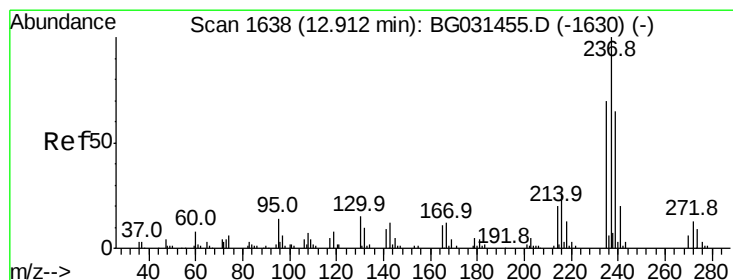
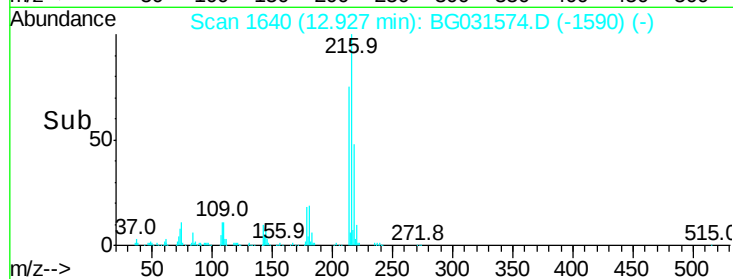
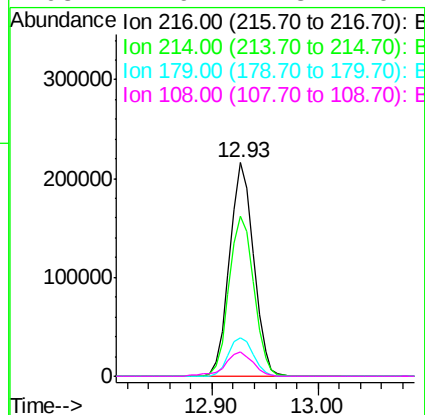
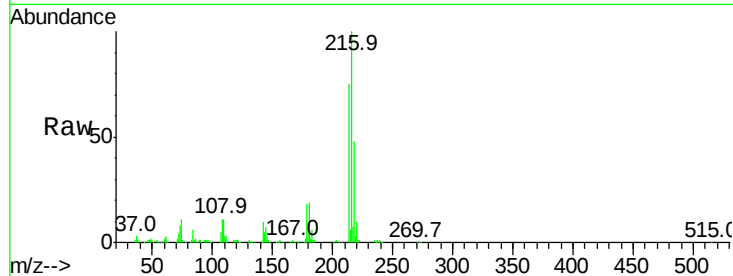
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.575 ng
 RT: 12.93 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	339464		
214	77.2	63.0	94.4	
179	18.7	17.0	25.6	
108	12.9	12.8	19.2	

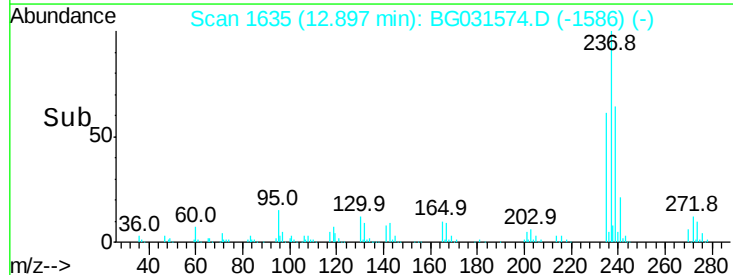
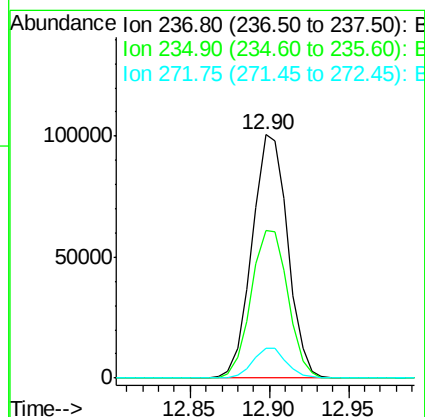
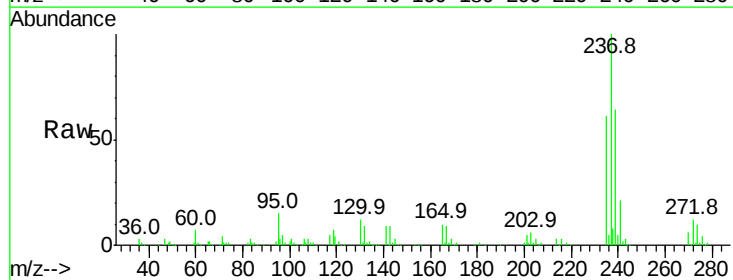
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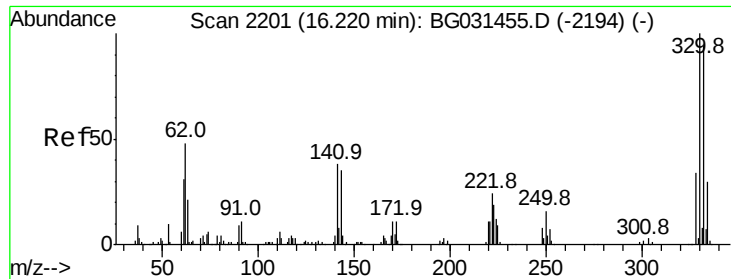
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#40
 Hexachlorocyclopentadiene
 Concen: 62.967 ng
 RT: 12.90 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	157480		
235	60.9	50.4	90.4	
272	12.0	0.0	31.8	





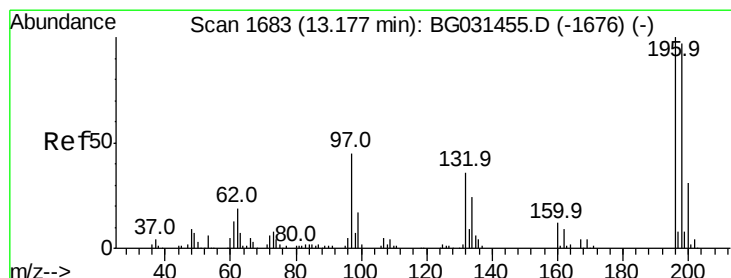
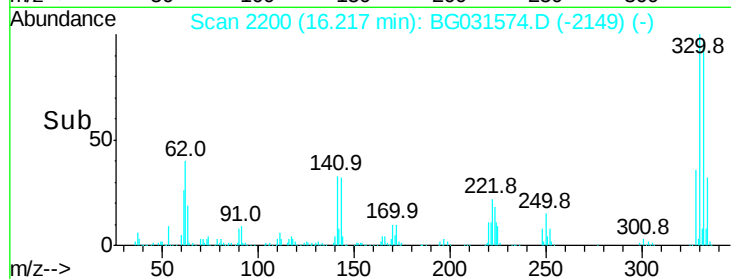
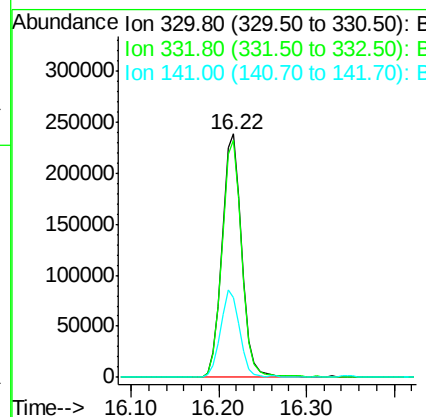
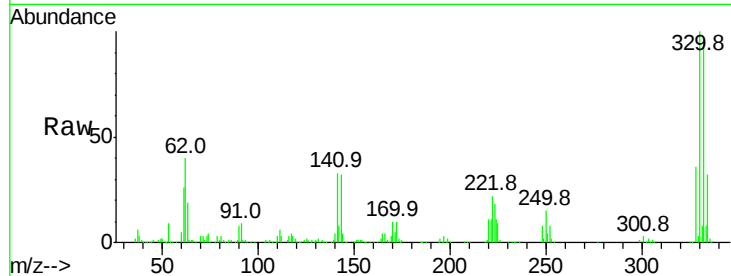
#41
 2,4,6-Tribromophenol
 Concen: 152.841 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	35.1	25.2	37.8	

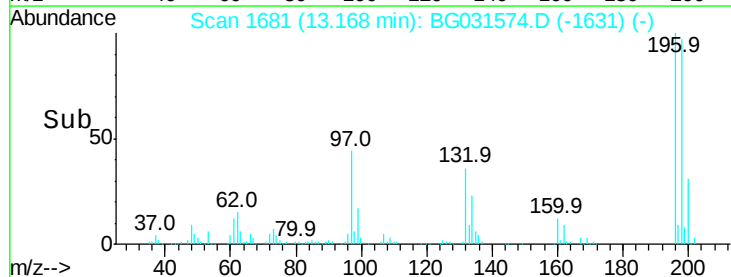
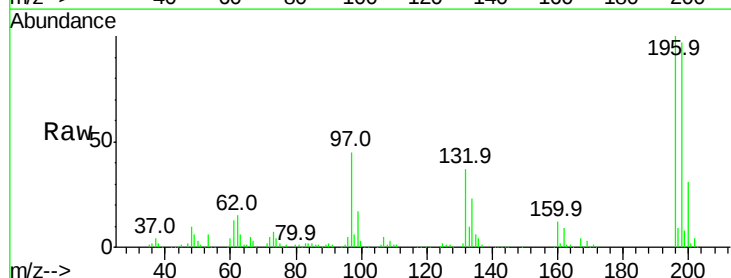
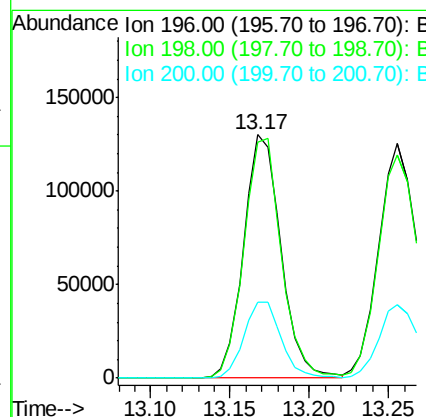
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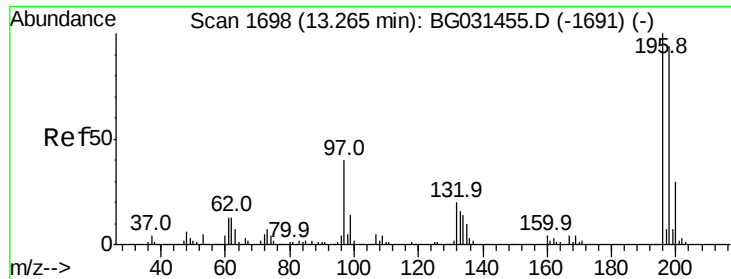
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 12/15/2017 6:47:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.968 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.0	78.2	117.2	
200	31.2	24.6	36.8	





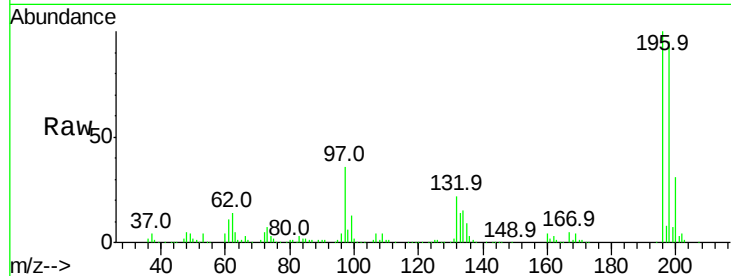
#43
 2,4,5-Trichlorophenol
 Concen: 50.773 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

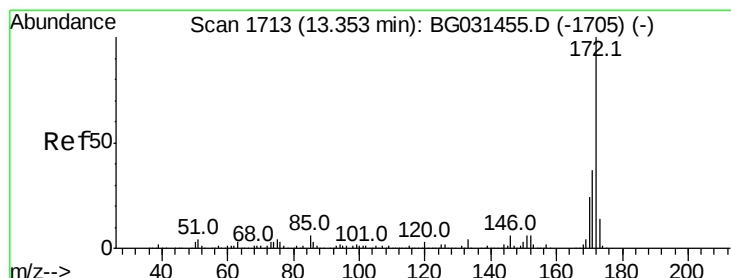
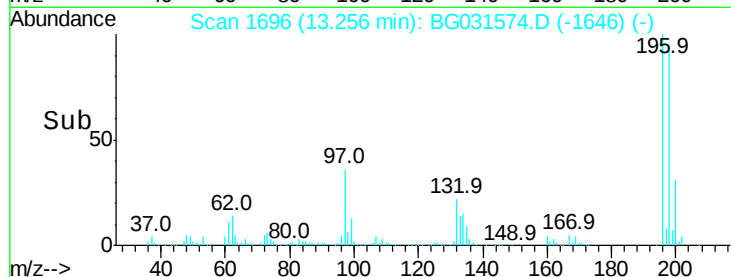
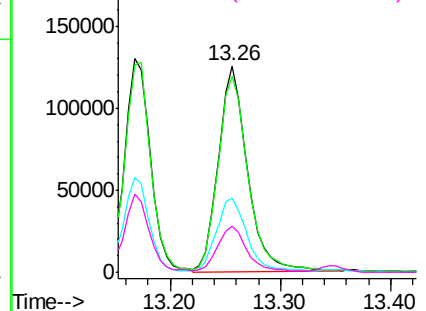
Tot Ion	Ratio	Resp	Lower	Upper
196	100	228163		
198	94.7	76.2	114.4	
97	36.0	38.7	58.1	
132	22.4	20.2	30.2	

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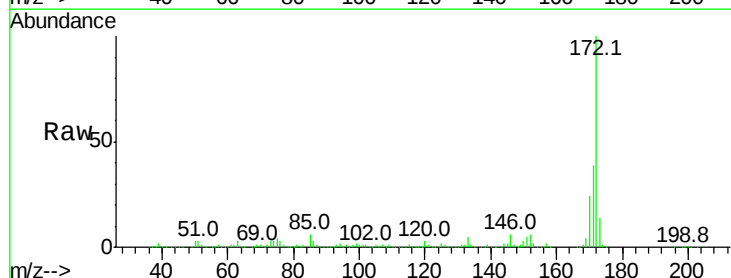


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

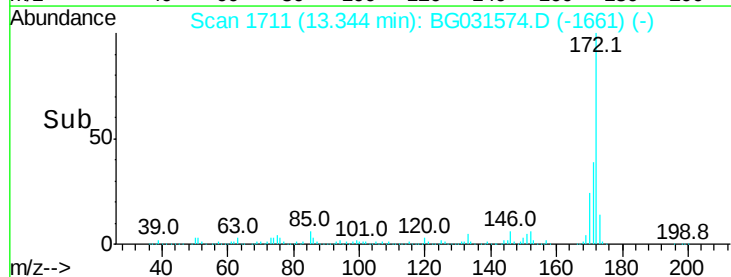
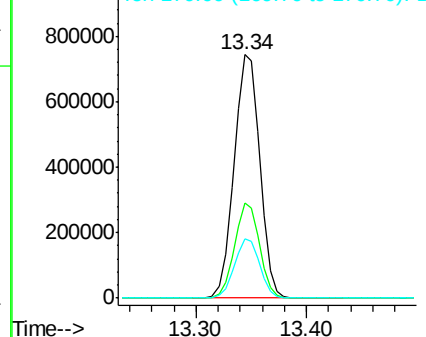


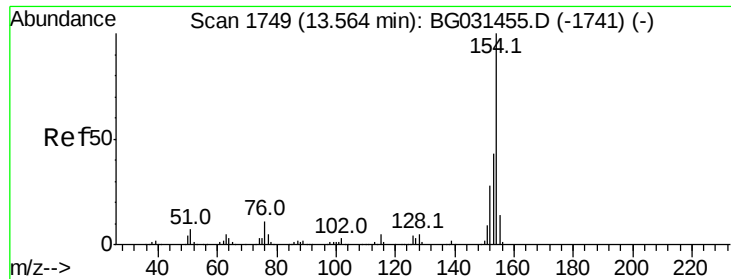
#44
 2-Fluorobiphenyl
 Concen: 85.201 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1212673		
171	38.9	30.0	45.0	
170	24.4	19.5	29.3	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.616 ng

RT: 13.56 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

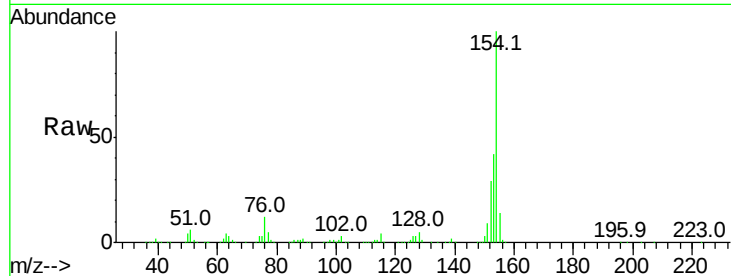
ClientSampleId :

EPE-122-2(40-42)MSD

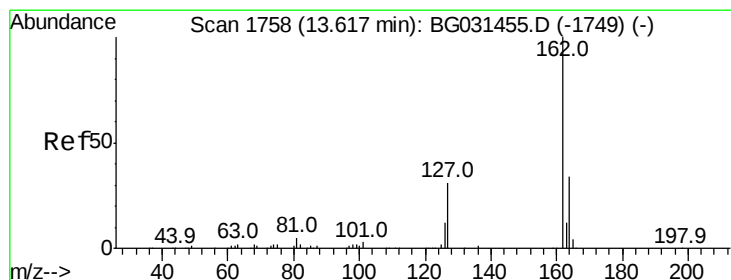
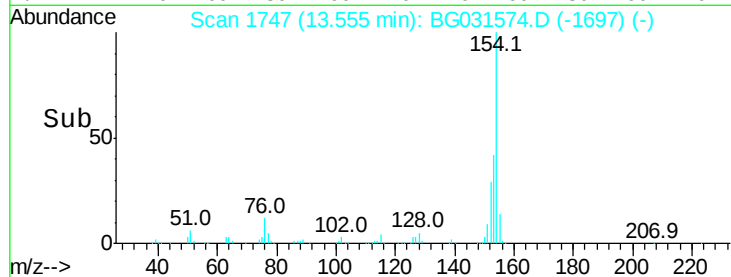
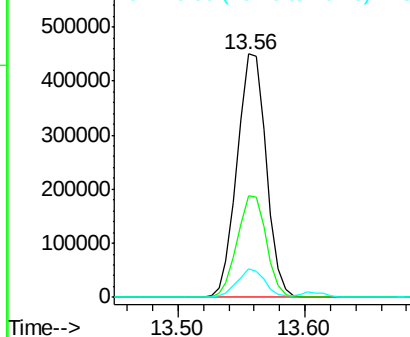
Tot Ion:	154	Resp:	714114
Ion Ratio	Lower	Upper	
154	100		
153	41.8	19.8	59.8
76	11.7	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 43.890 ng

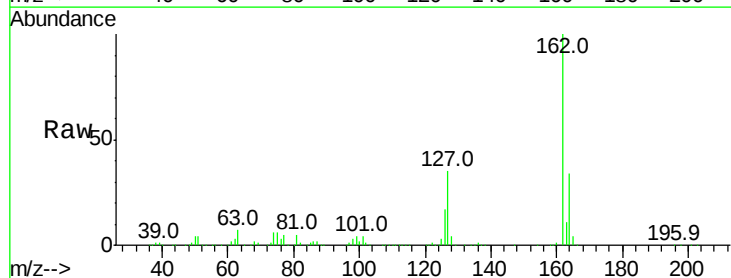
RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

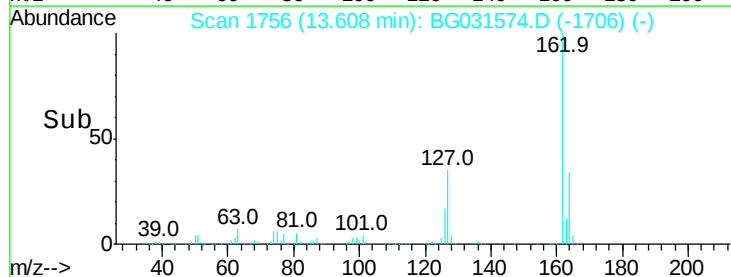
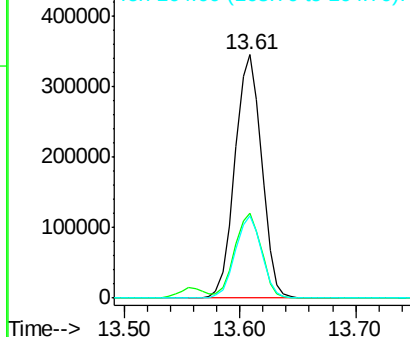
Lab File: BG031574.D

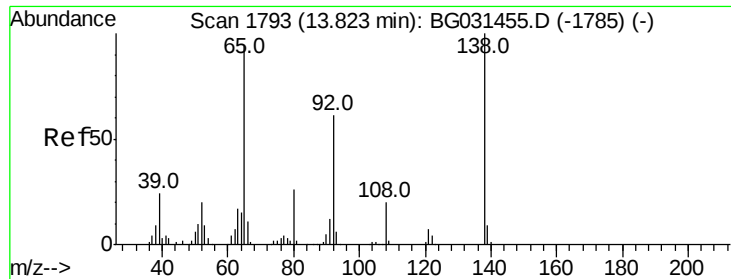
Acq: 15 Dec 2017 00:48

Tgt Ion:	162	Resp:	551228
Ion Ratio	Lower	Upper	
162	100		
127	34.7	30.7	46.1
164	33.6	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.710 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

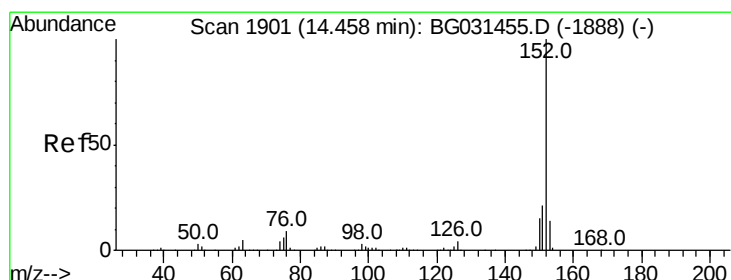
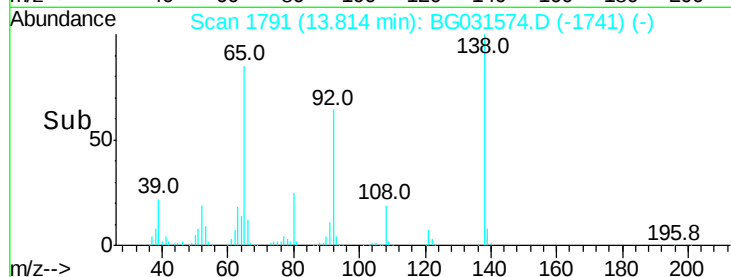
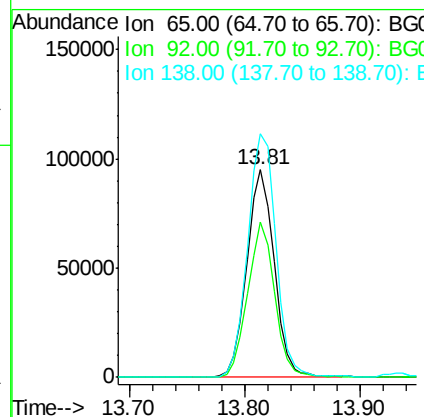
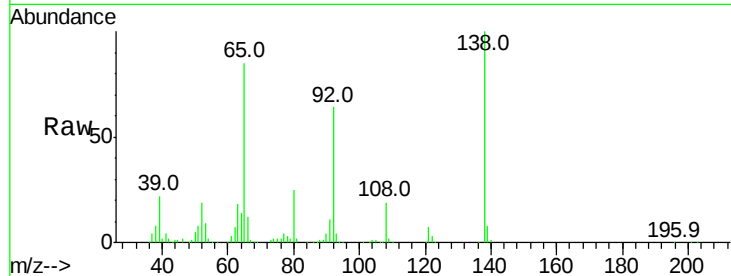
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	65	Resp:	157789
Ion Ratio	Lower	Upper	
65	100		
92	74.7	54.6	82.0
138	117.3	72.9	109.3#

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#48

Acenaphthylene

Concen: 41.356 ng

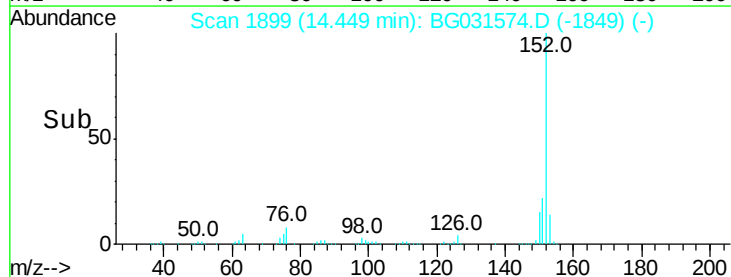
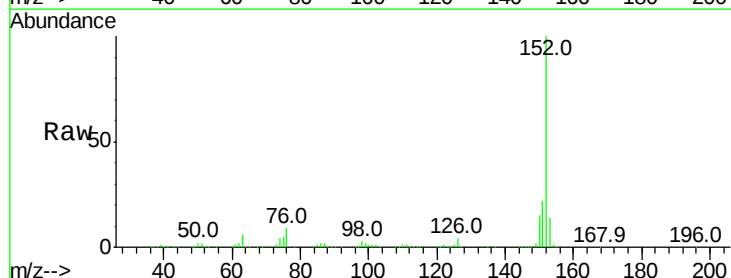
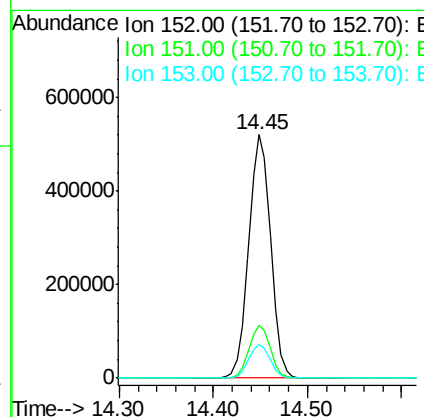
RT: 14.45 min Scan# 1899

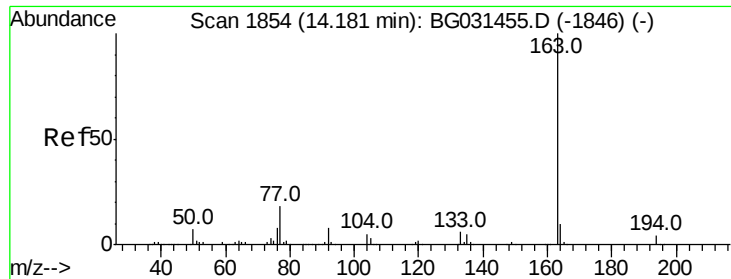
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	152	Resp:	835755
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.2	25.8
153	14.0	10.2	15.4





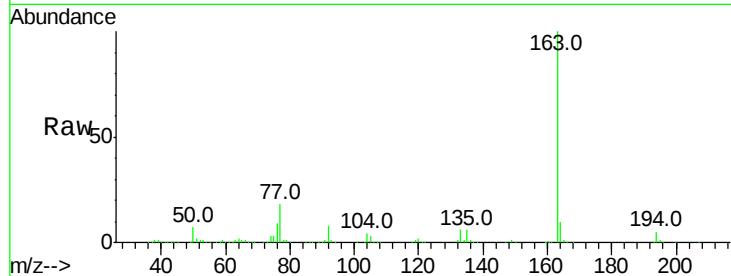
#49
Dimethylphthalate
Concen: 50.768 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

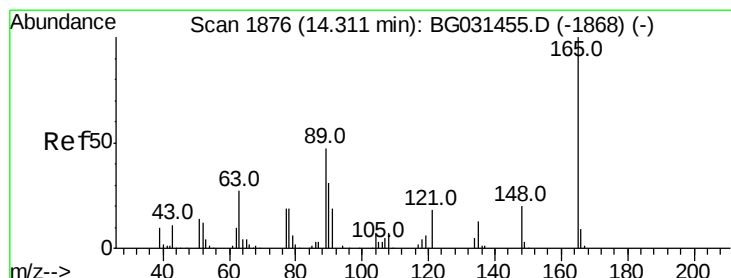
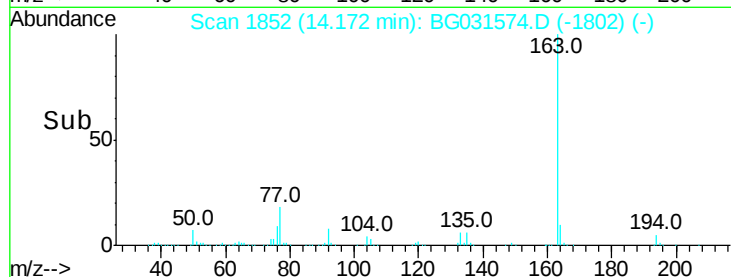
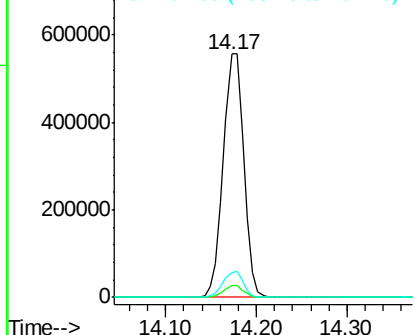
Tot Ion	Ratio	Resp	Lower	Upper
163	100	878107		
194	4.9		3.4	5.2
164	10.4		8.2	12.4

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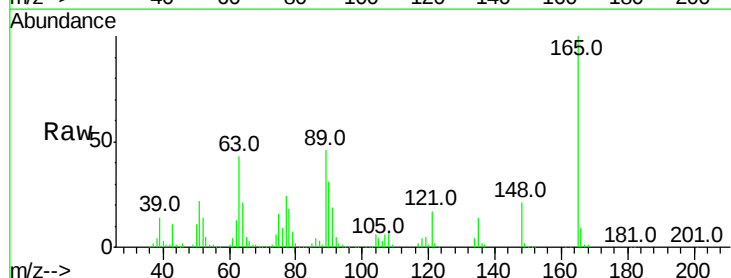


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

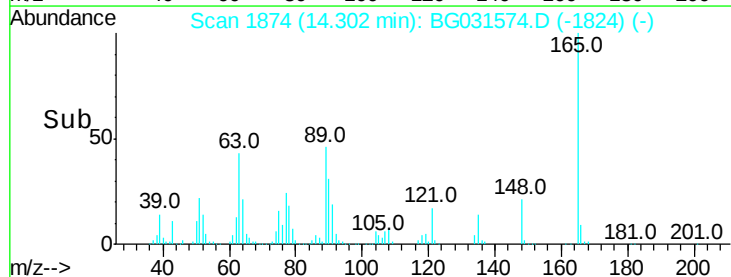
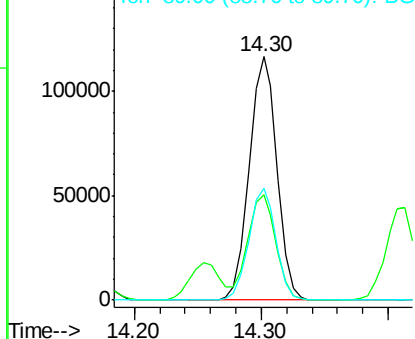


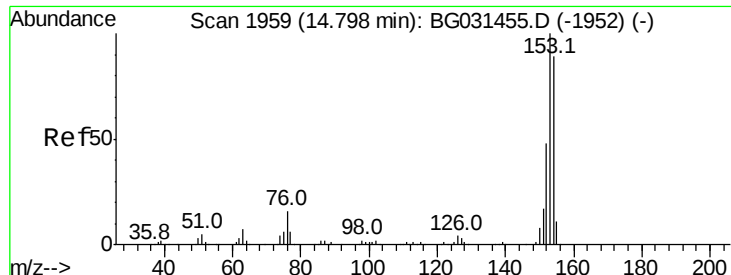
#50
2,6-Dinitrotoluene
Concen: 47.809 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176752		
63	43.5		52.7	79.1#
89	46.2		49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.995 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

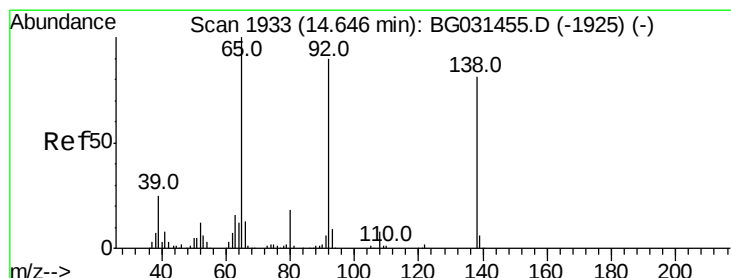
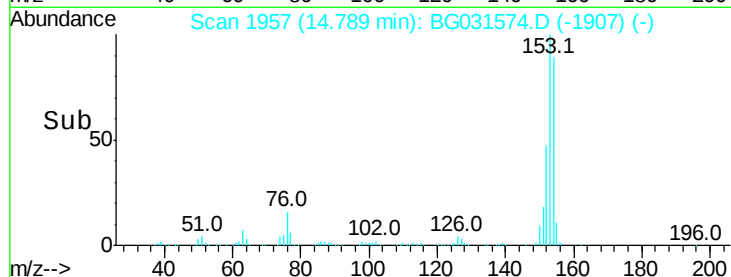
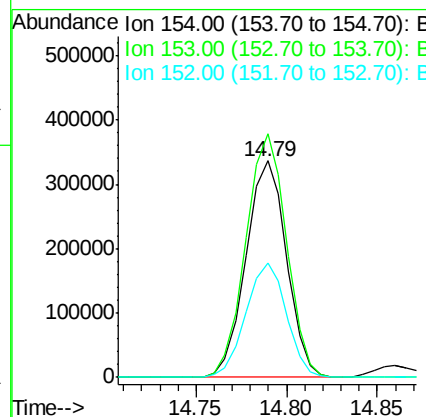
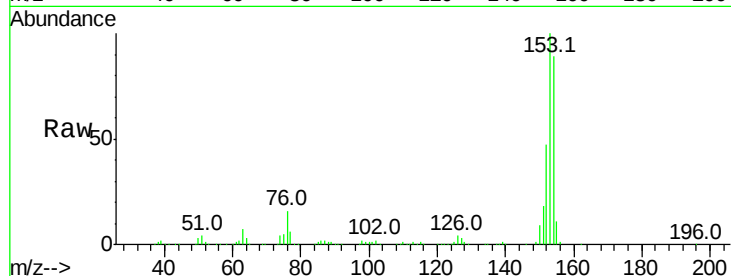
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	154	Resp:	523843
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.4	135.6
152	53.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 26.964 ng

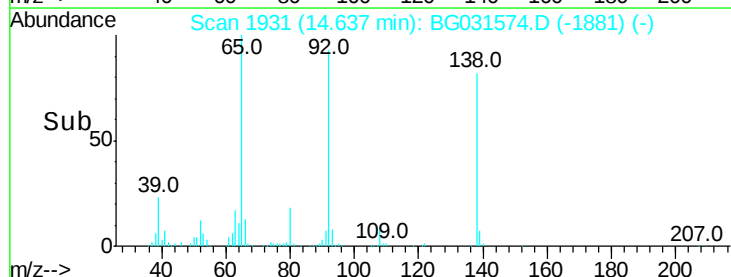
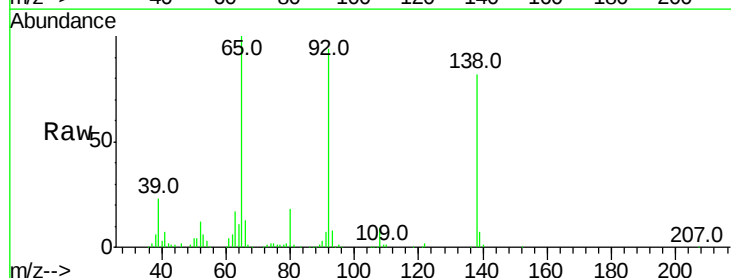
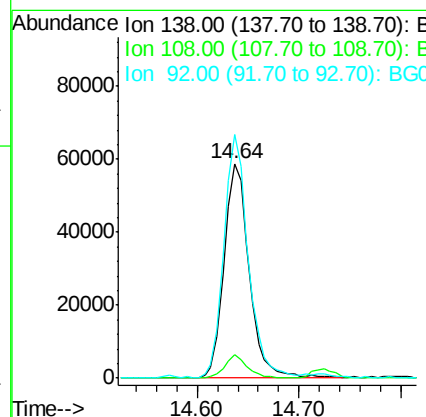
RT: 14.64 min Scan# 1931

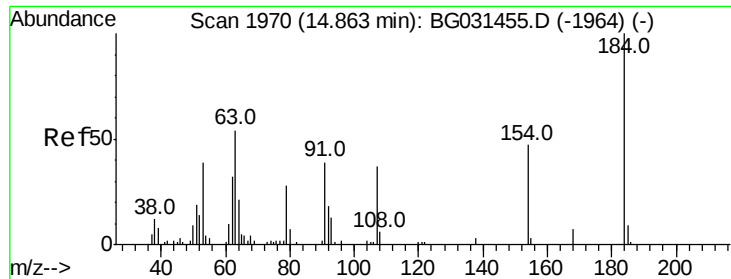
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	138	Resp:	101618
Ion Ratio	Lower	Upper	
138	100		
108	10.7	17.5	26.3#
92	113.7	105.8	158.8





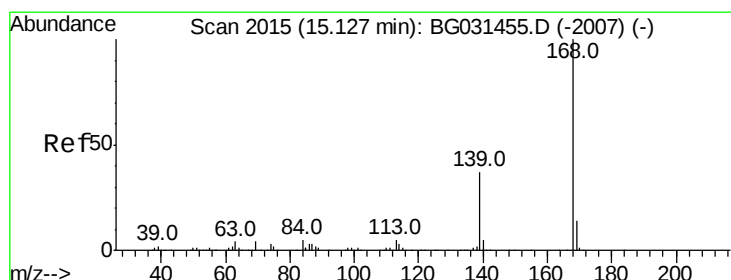
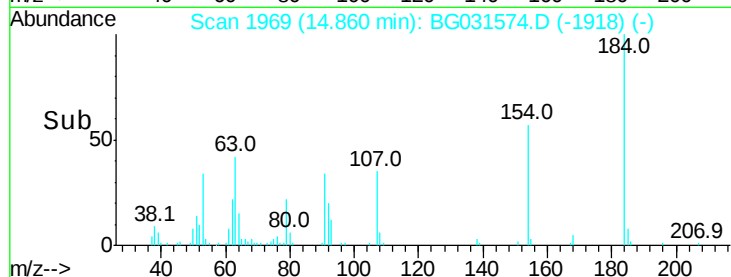
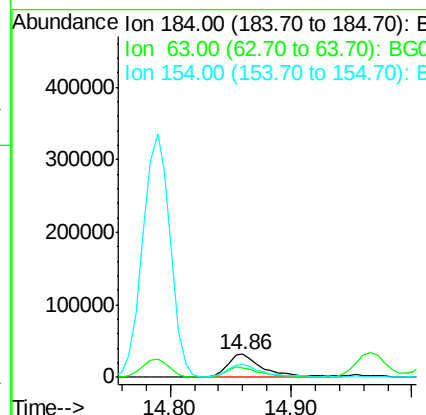
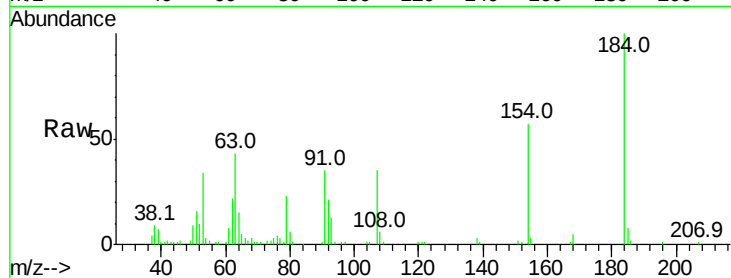
#53
 2,4-Dinitrophenol
 Concen: 46.505 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.2	59.8	89.8#
154	57.0	101.8	152.8#

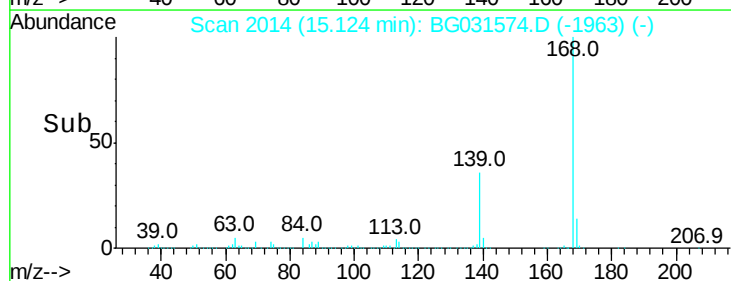
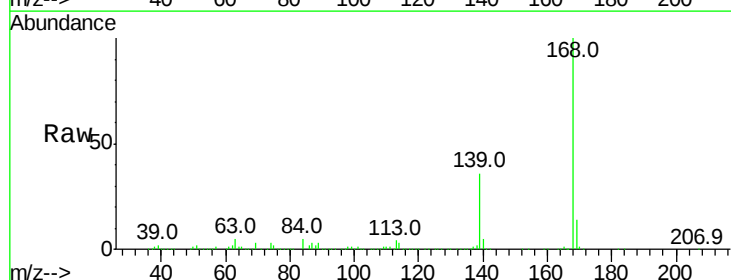
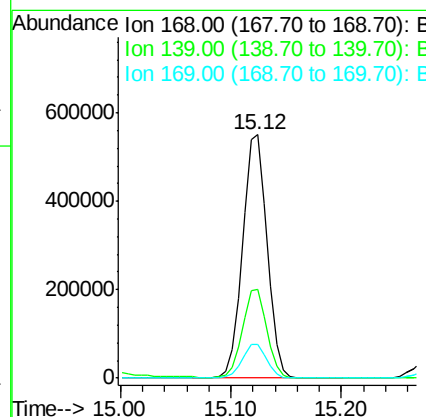
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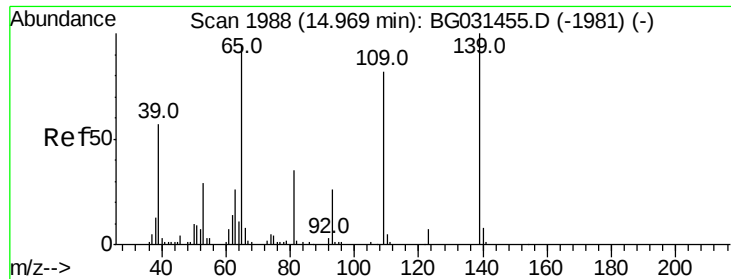
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#54
 Dibenzofuran
 Concen: 42.079 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.6	43.0
169	13.9	11.2	16.8





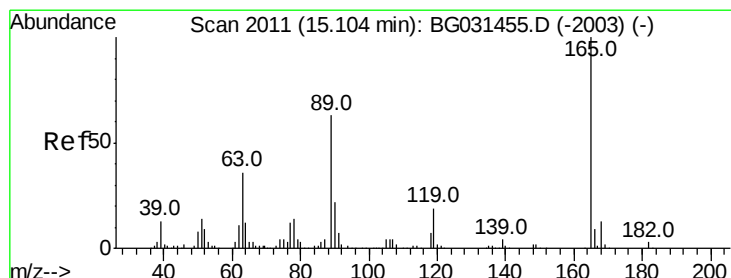
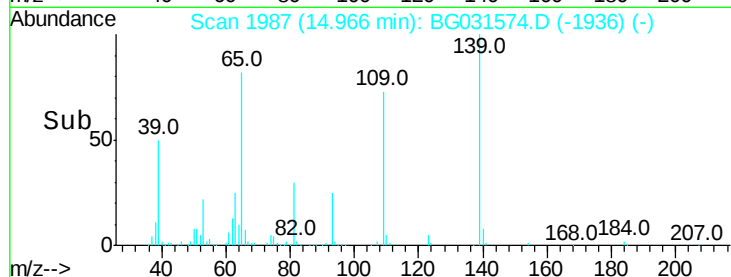
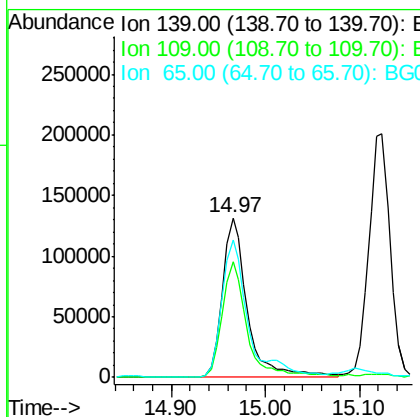
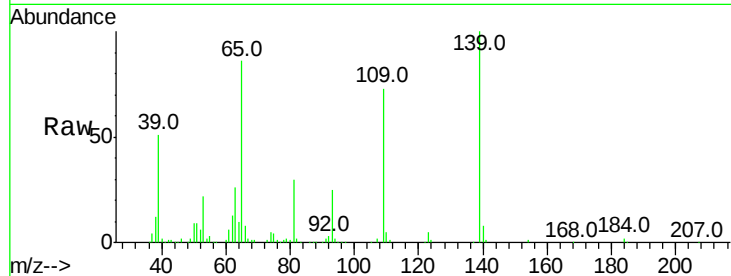
#55
4-Nitrophenol
Concen: 94.976 ng
RT: 14.97 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.7	62.2	102.2
65	86.4	97.2	137.2

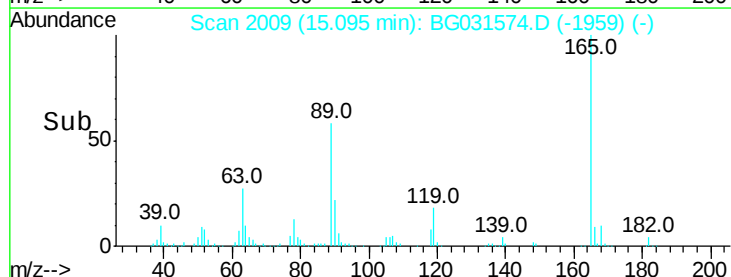
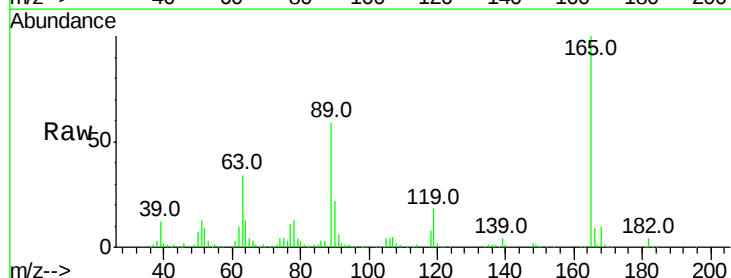
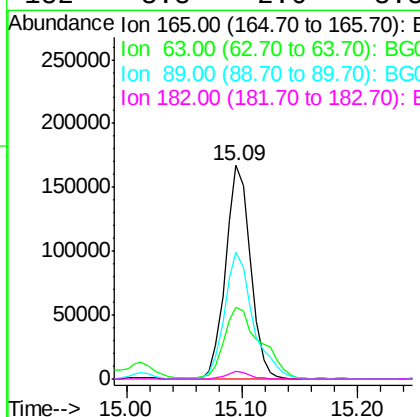
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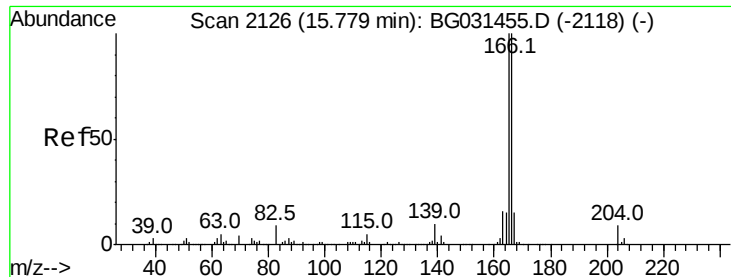
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#56
2,4-Dinitrotoluene
Concen: 47.408 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.6	42.0	63.0
89	59.1	66.9	100.3
182	3.8	2.6	3.8





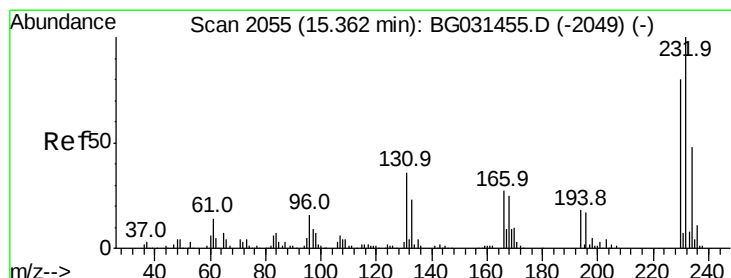
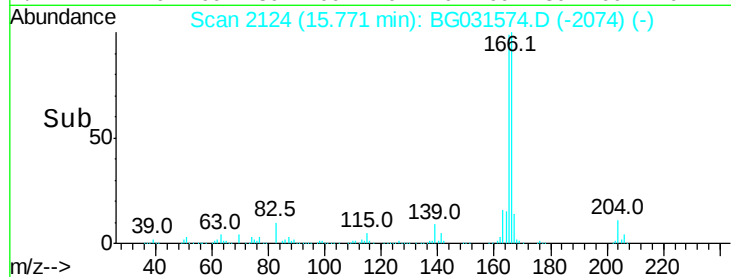
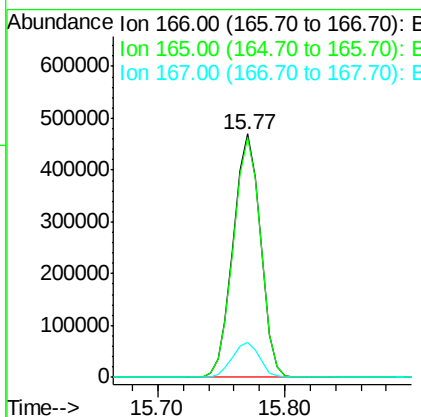
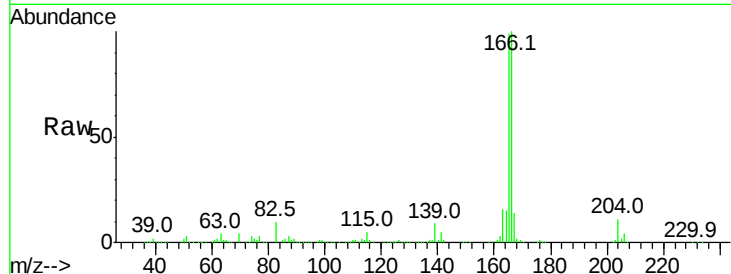
#57
Fluorene
 Concen: 42.677 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	697272		
165	98.6		80.6	121.0
167	14.4		10.4	15.6

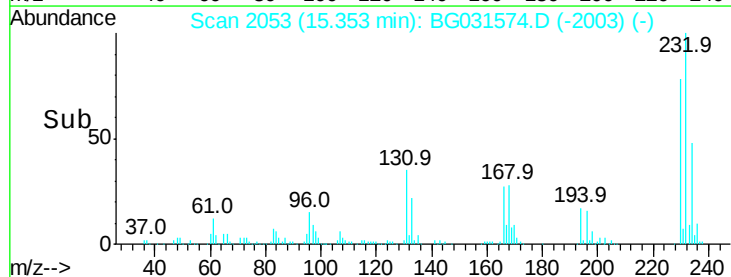
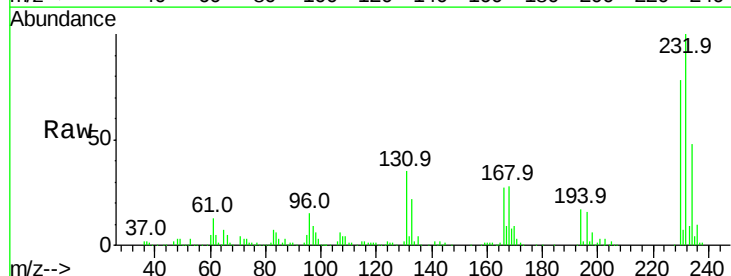
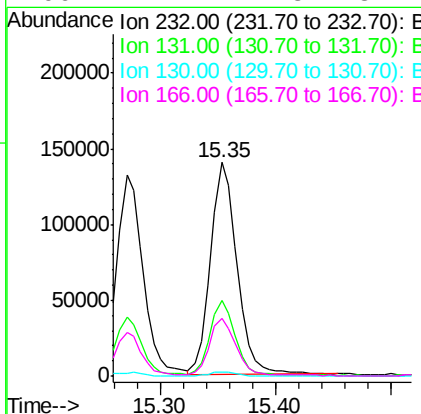
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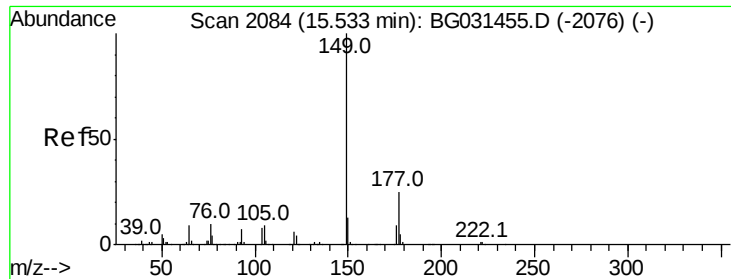
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.236 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	224867		
131	34.0		33.5	50.3
130	2.2		2.2	3.2#
166	27.1		24.8	37.2





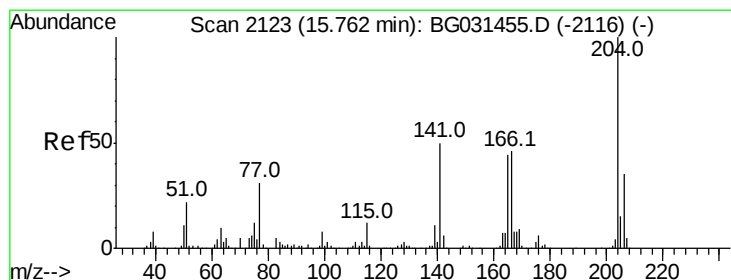
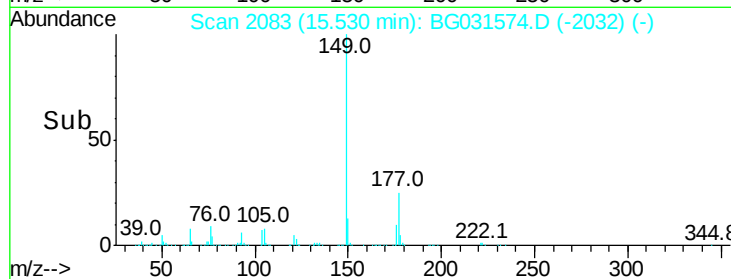
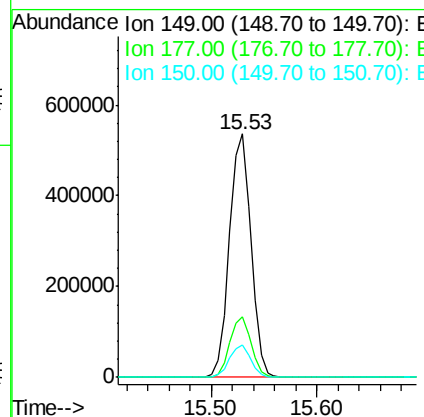
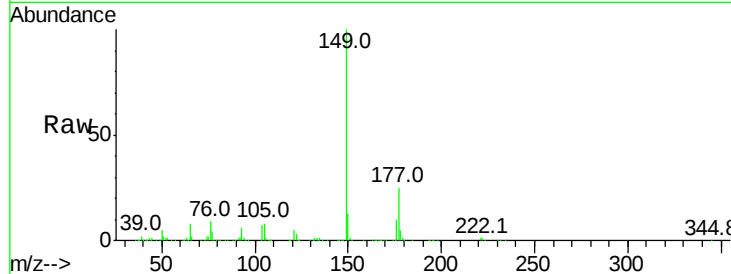
#59
Diethylphthalate
Concen: 43.432 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	13.1	10.2	15.2

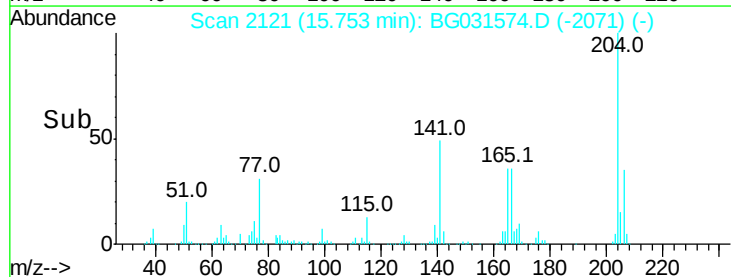
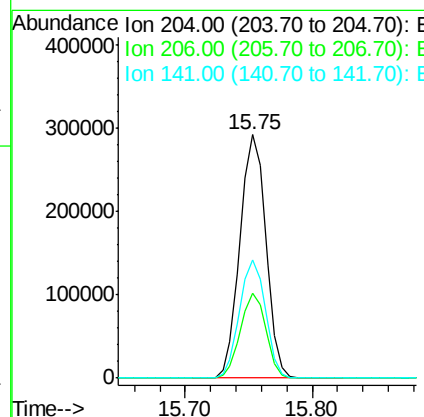
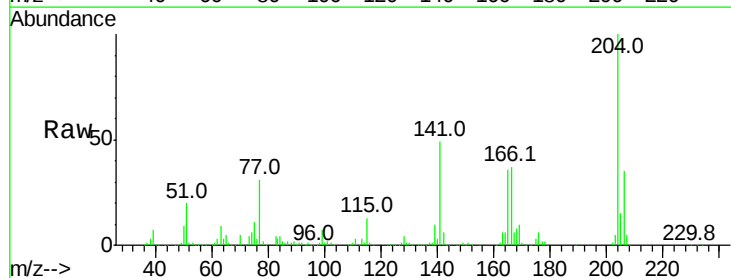
Manual Integrations
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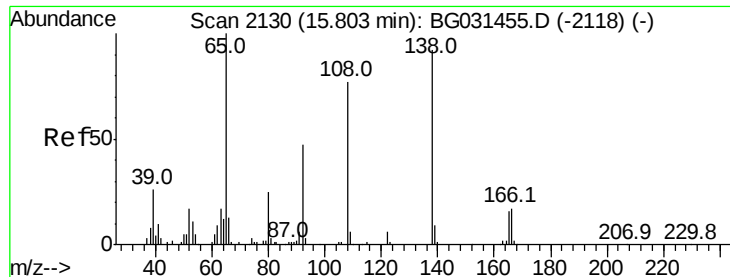
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#60
4-Chlorophenyl-phenylether
Concen: 41.296 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.2	39.2
141	48.7	45.8	68.6





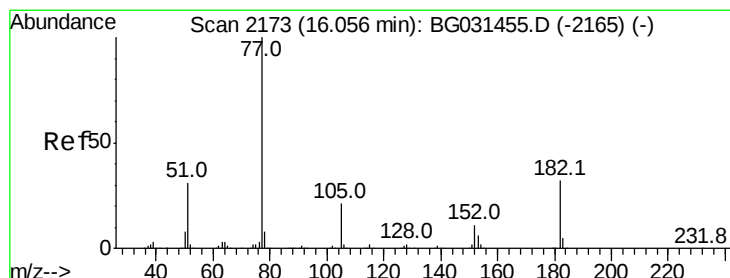
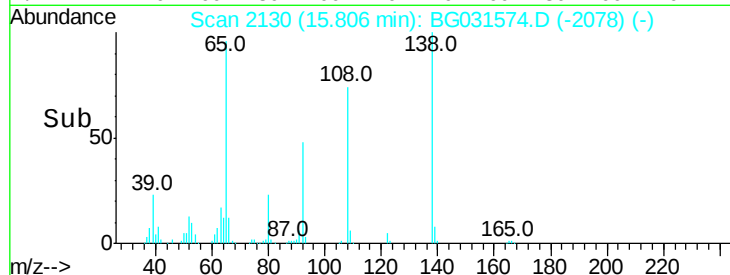
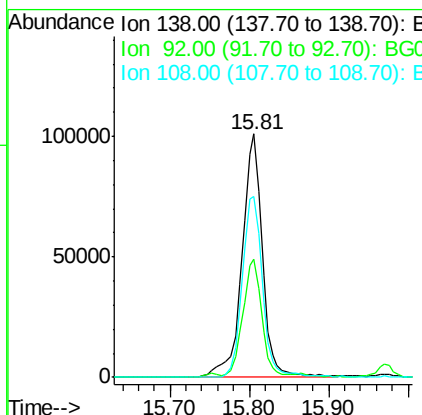
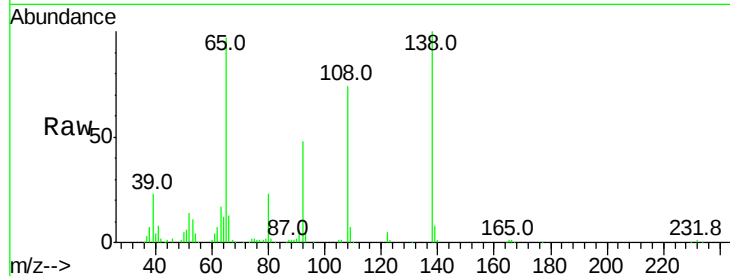
#61
4-Nitroaniline
Concen: 45.730 ng
RT: 15.81 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	40.1	80.1
108	74.4	65.4	105.4

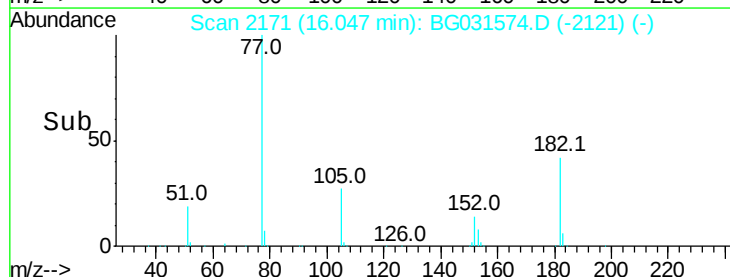
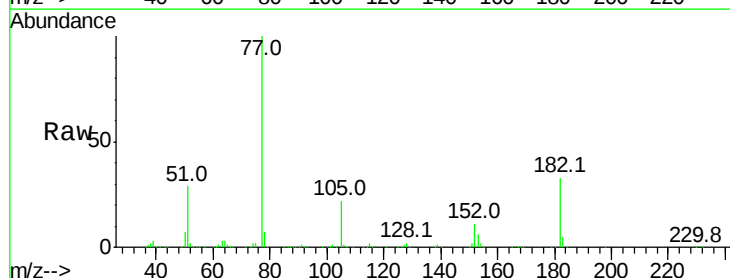
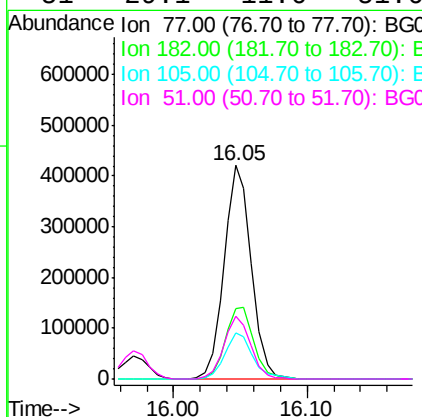
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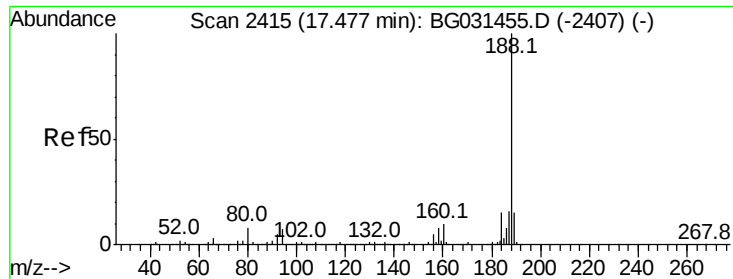
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#62
Azobenzene
Concen: 41.420 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.2	7.4	47.4
105	21.6	0.3	40.3
51	29.1	11.6	51.6





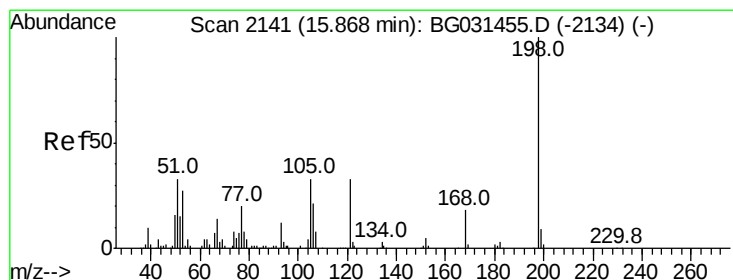
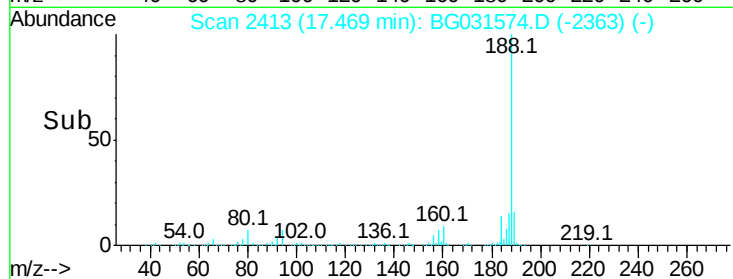
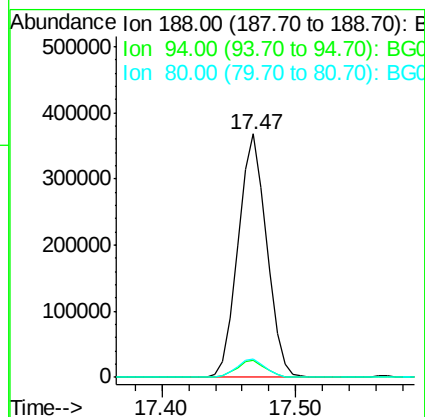
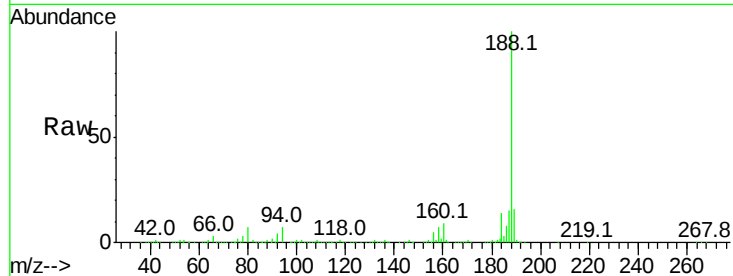
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

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

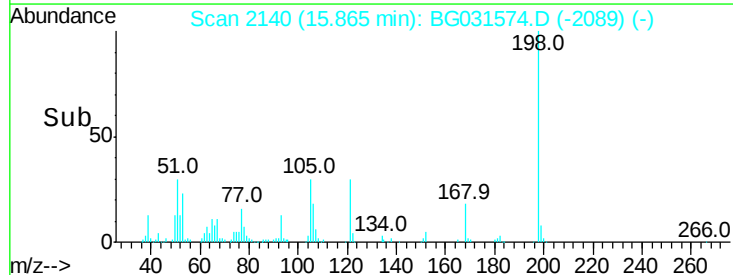
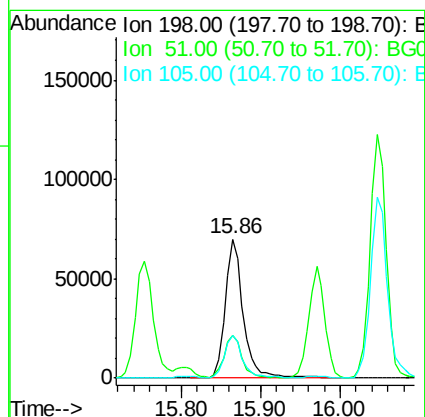
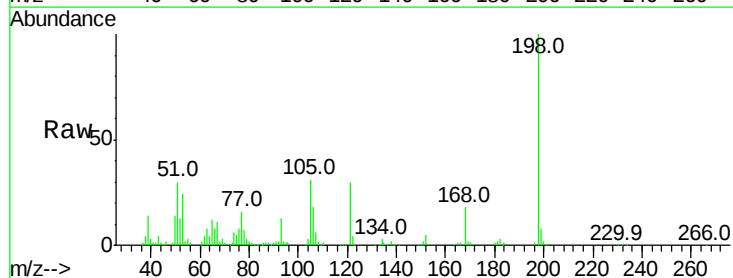
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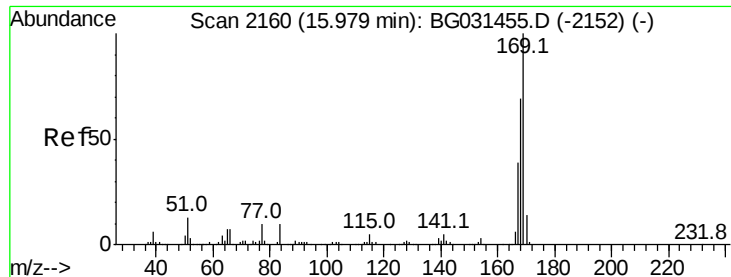
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.678 ng
RT: 15.86 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.3	30.6	70.6#
105	30.5	23.8	63.8





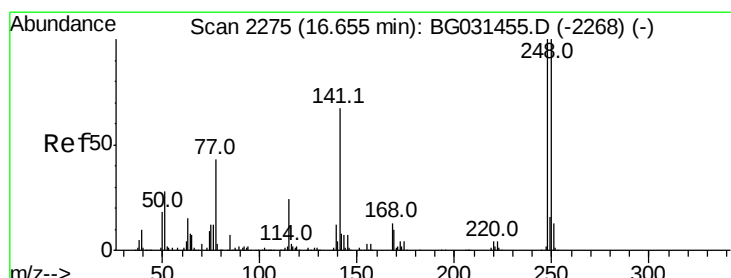
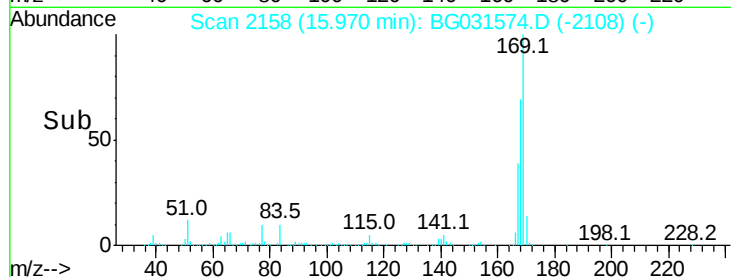
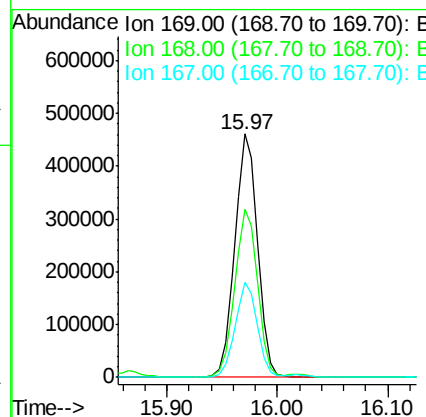
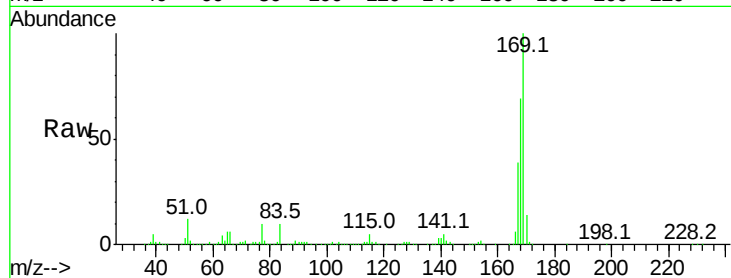
#65
n-Nitrosodiphenylamine
Concen: 41.792 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	666581		
168	69.2		55.7	83.5
167	39.0		30.1	45.1

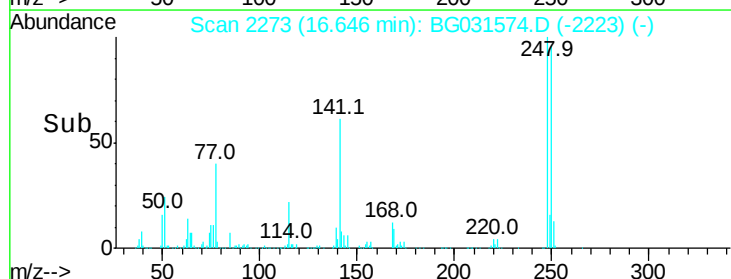
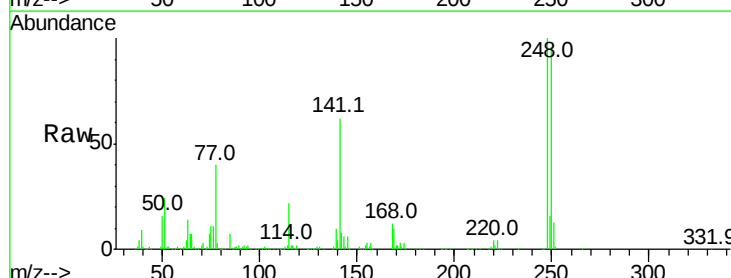
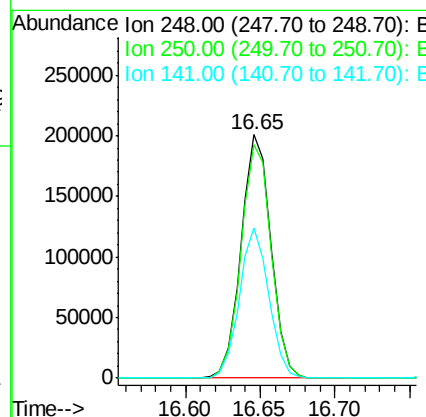
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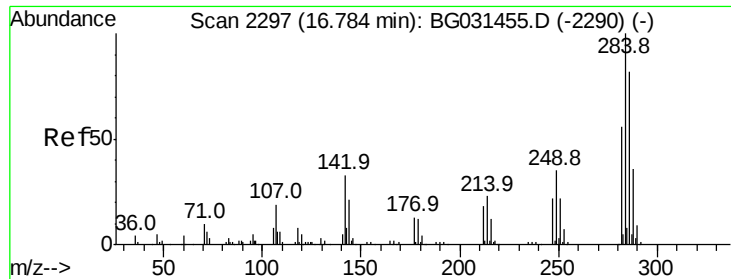
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#66
4-Bromophenyl-phenylether
Concen: 43.885 ng
RT: 16.65 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	278078		
250	95.7		77.1	115.7
141	61.6		50.8	76.2





#67

Hexachlorobenzene

Concen: 43.469 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

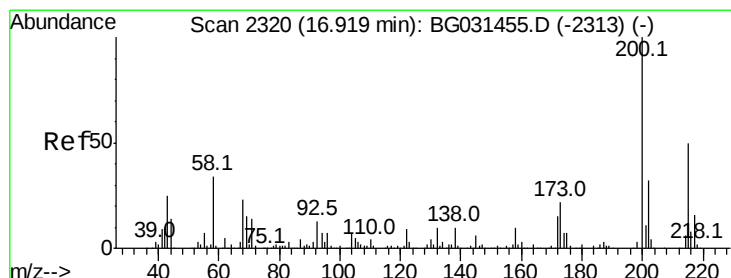
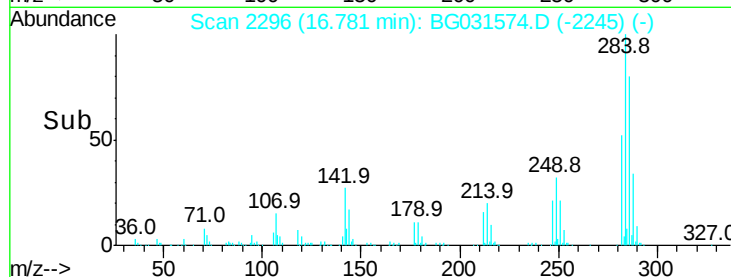
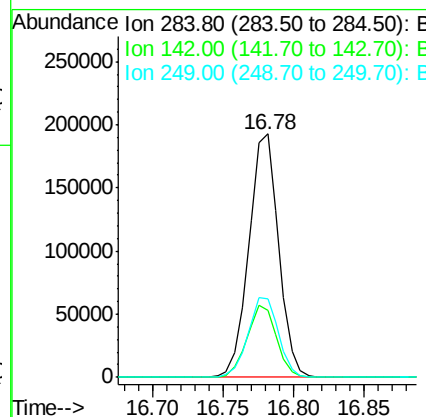
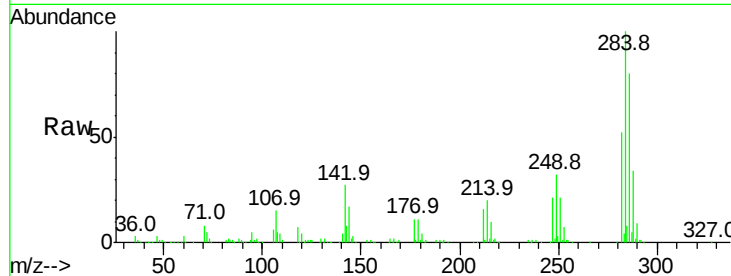
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	284	Resp:	284424
Ion Ratio	Lower	Upper	
284	100		
142	27.4	26.8	40.2
249	32.4	26.3	39.5

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#68

Atrazine

Concen: 49.418 ng

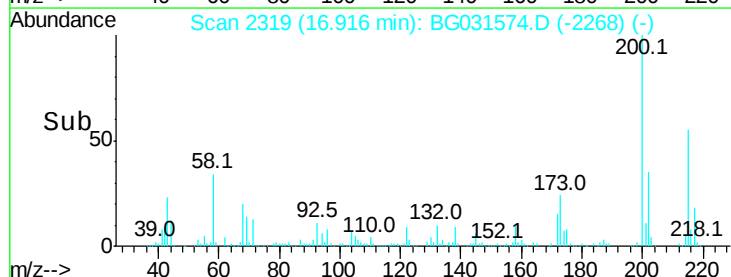
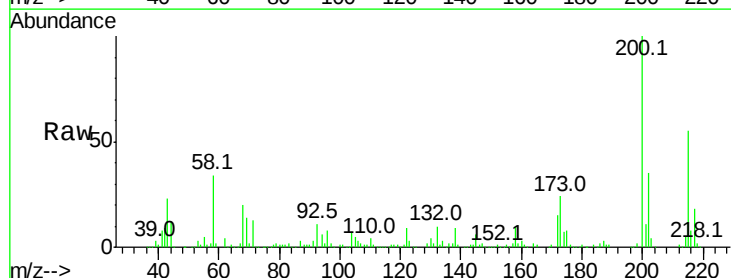
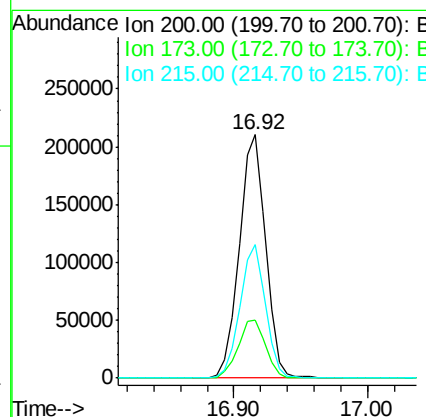
RT: 16.92 min Scan# 2319

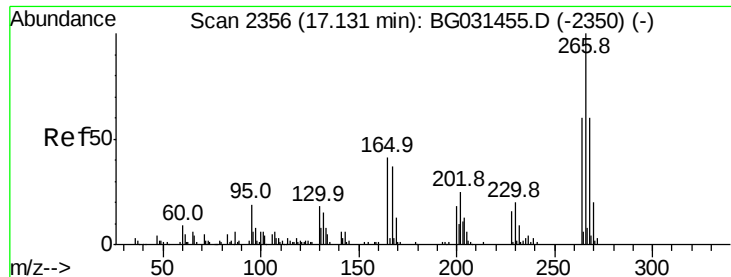
Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	200	Resp:	288209
Ion Ratio	Lower	Upper	
200	100		
173	24.0	5.2	45.2
215	54.7	30.4	70.4





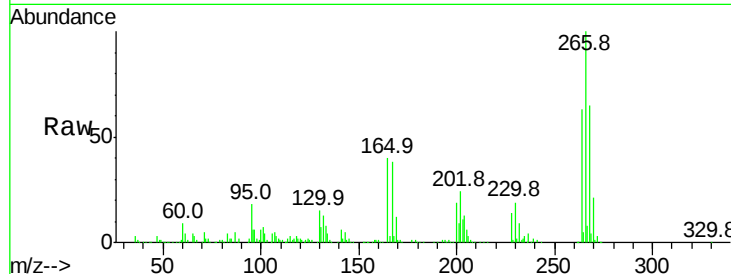
#69
 Pentachlorophenol
 Concen: 77.888 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

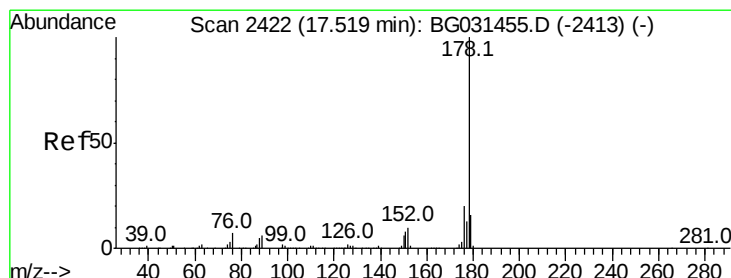
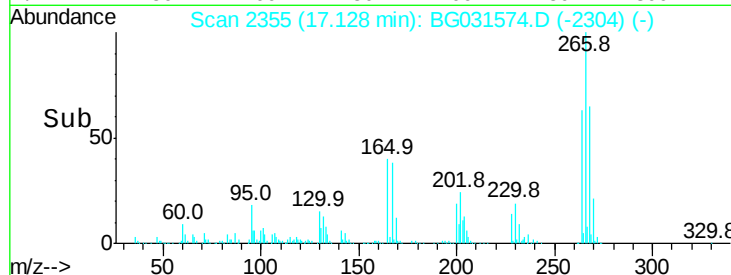
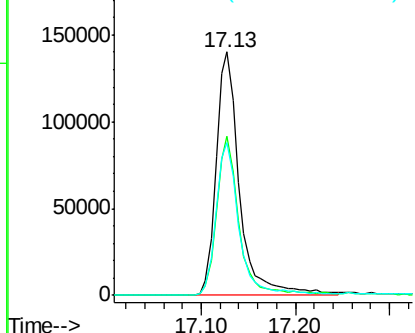
Tot Ion	Ratio	Resp	Lower	Upper
266	100	244469		
268	65.4	51.1	76.7	
264	62.8	49.6	74.4	

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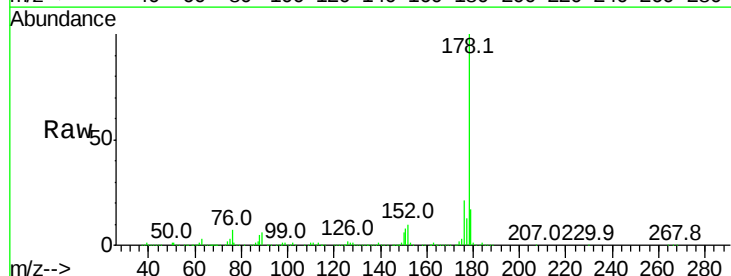


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

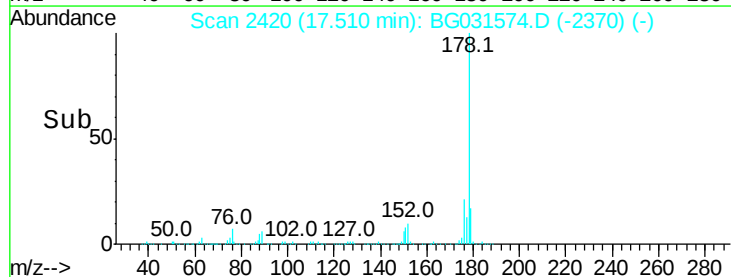
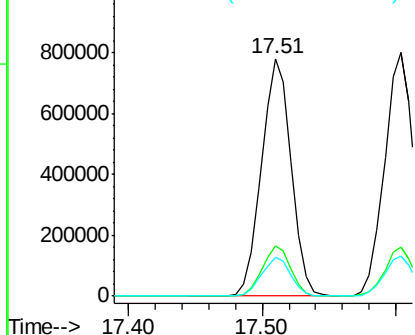


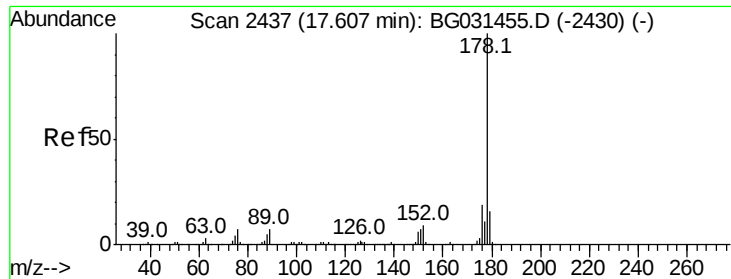
#70
 Phenanthrene
 Concen: 42.105 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1198275		
176	21.0	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





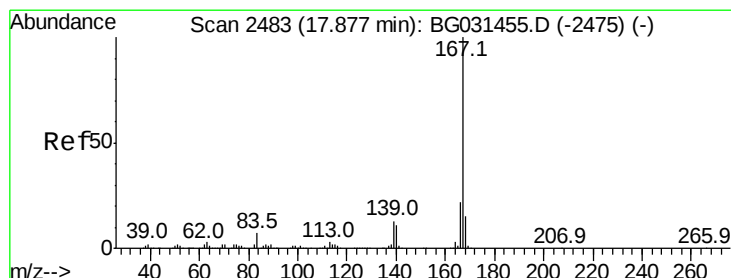
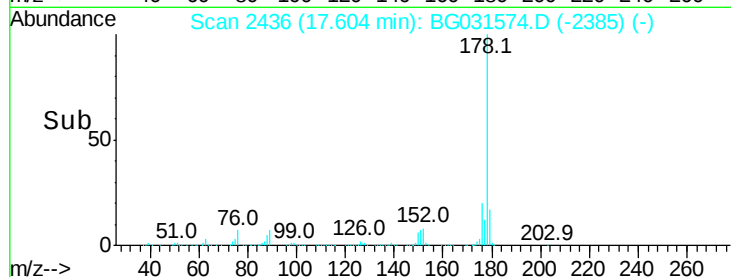
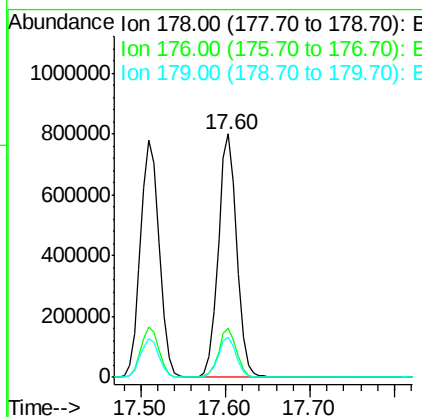
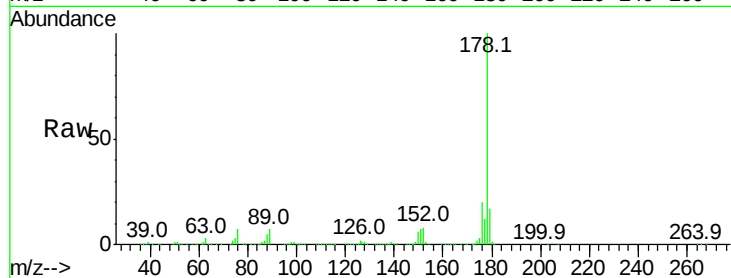
#71
 Anthracene
 Concen: 43.532 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion:178 Resp: 1225273
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.7 12.5 18.7

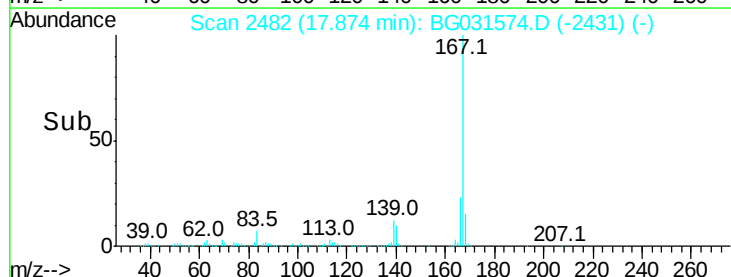
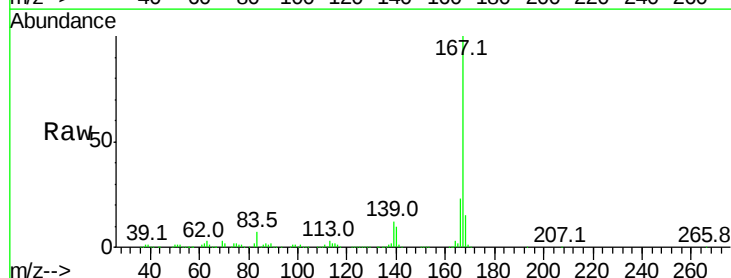
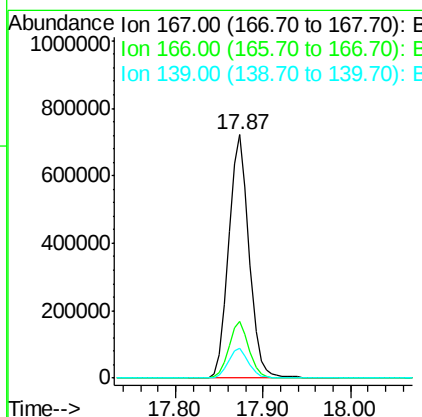
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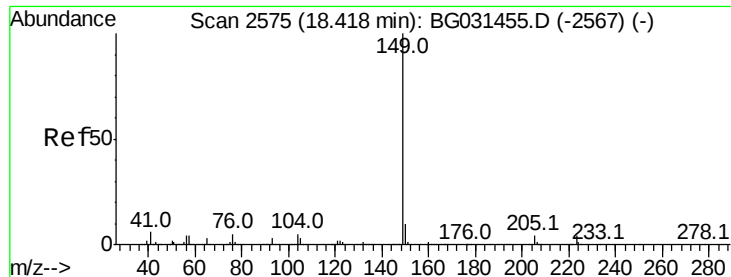
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#72
 Carbazole
 Concen: 45.016 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion:167 Resp: 1146616
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 43.919 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:149 Resp: 1291838

Ion Ratio Lower Upper

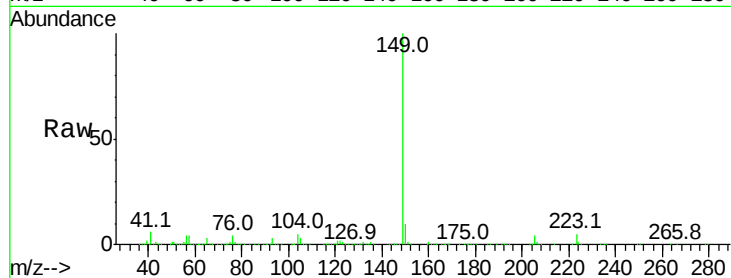
149 100

150 10.1 7.8 11.6

104 5.0 3.9 5.9

Manual Integrations
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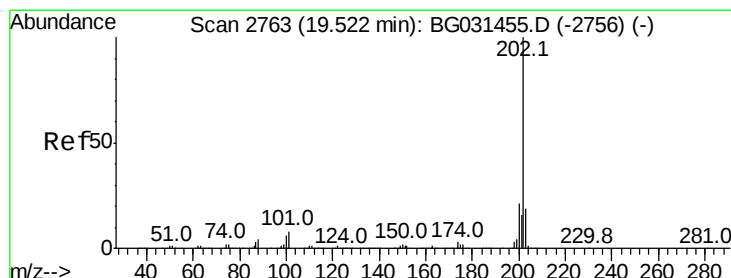
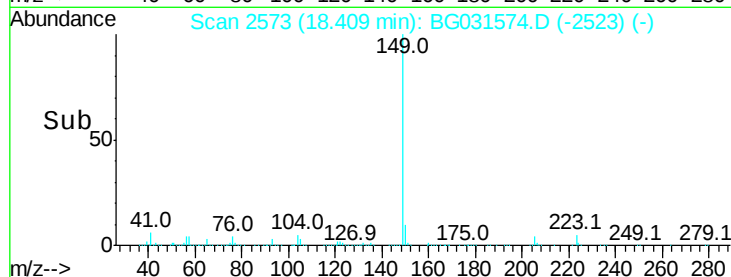
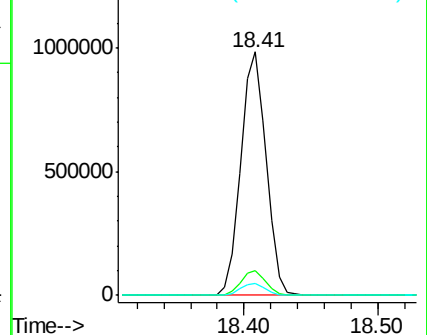
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.759 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

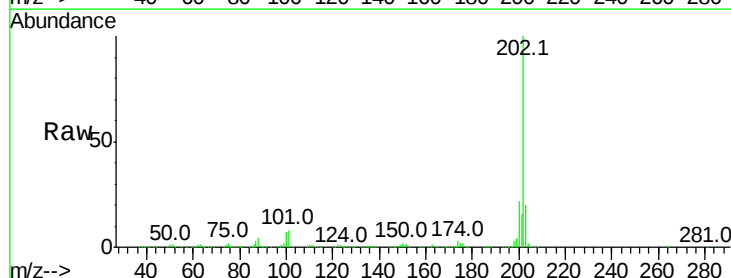
Tgt Ion:202 Resp: 1558523

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.9

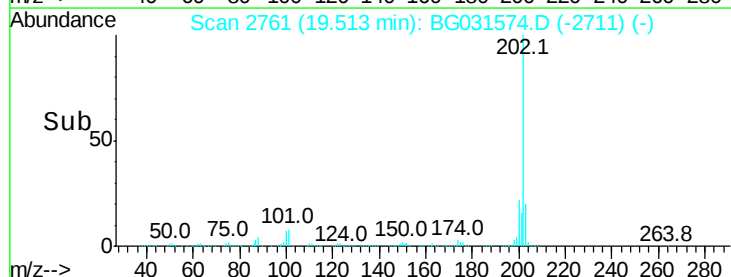
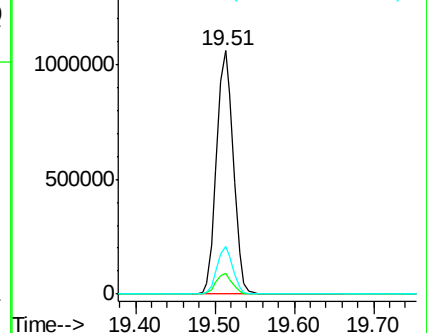
203 19.8 0.0 37.5

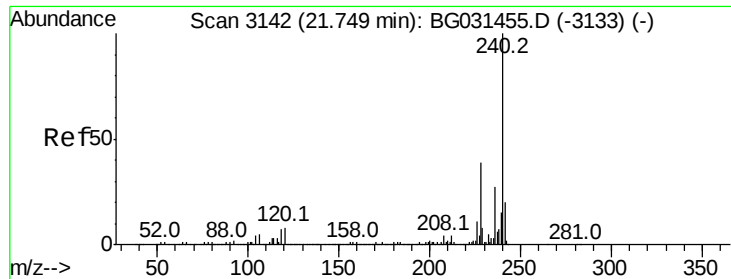


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

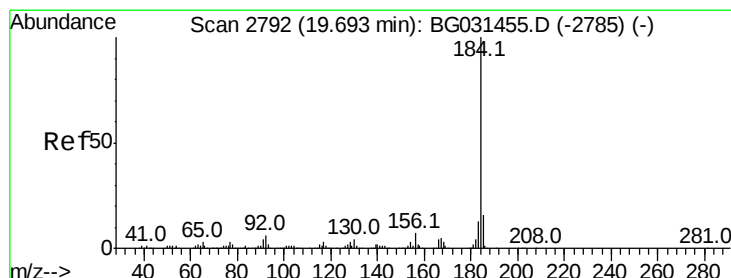
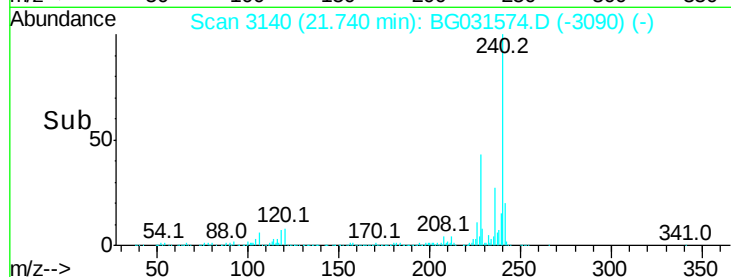
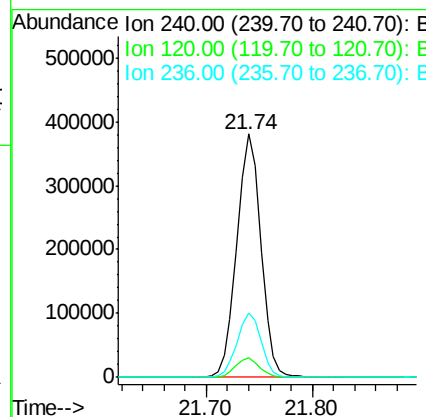
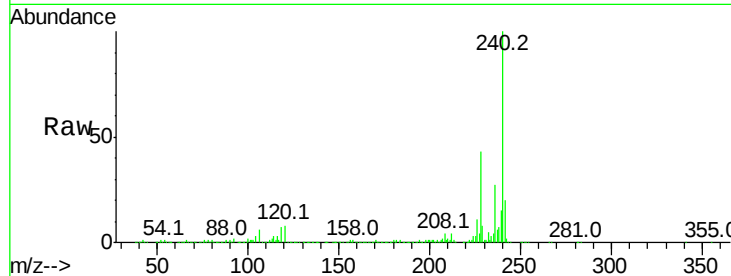
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	240	Resp:	599849
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.8	10.2
236	26.6	20.9	31.3

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#76

Benzidine

Concen: 61.162 ng

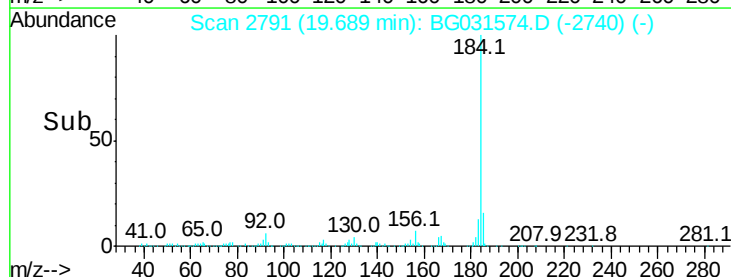
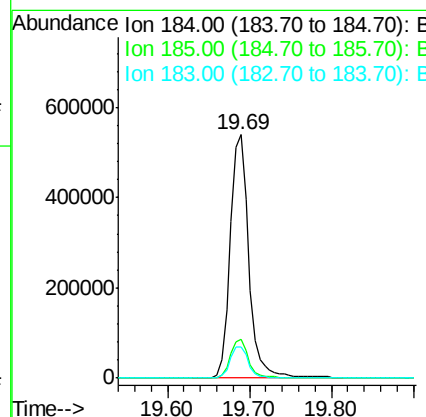
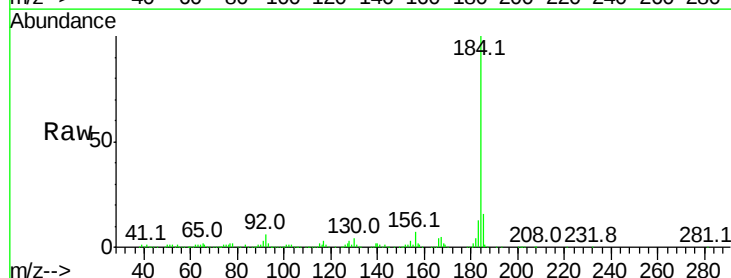
RT: 19.69 min Scan# 2791

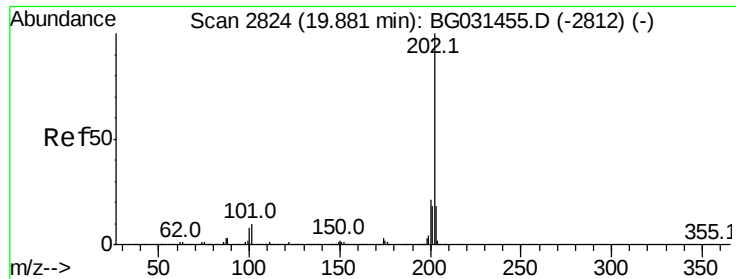
Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	184	Resp:	853794
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.1	16.7
183	12.8	10.6	16.0





#77

Pvrene

Concen: 42.003 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

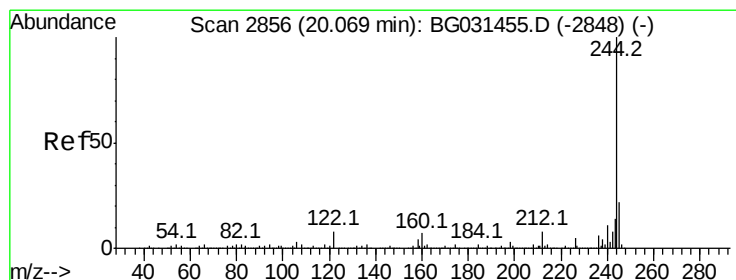
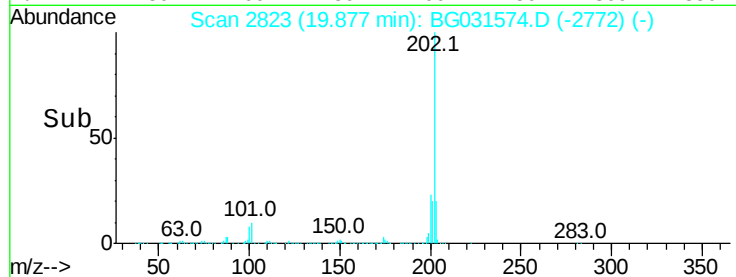
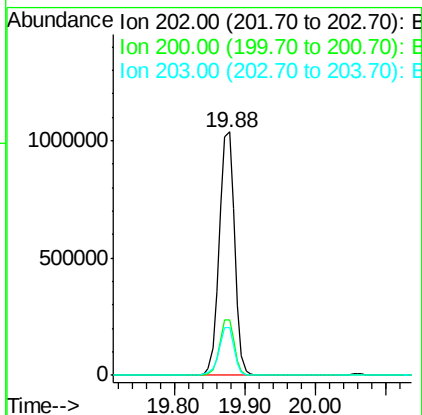
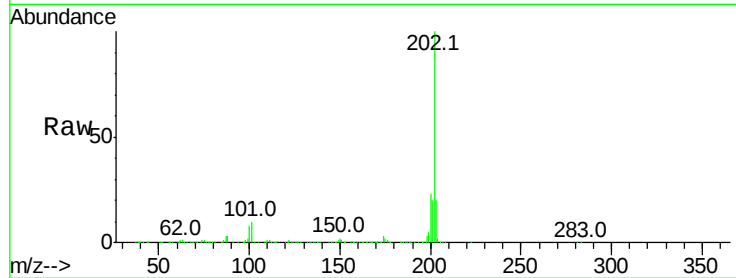
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.5	13.9	20.9

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#78

Terphenyl-d14

Concen: 79.050 ng

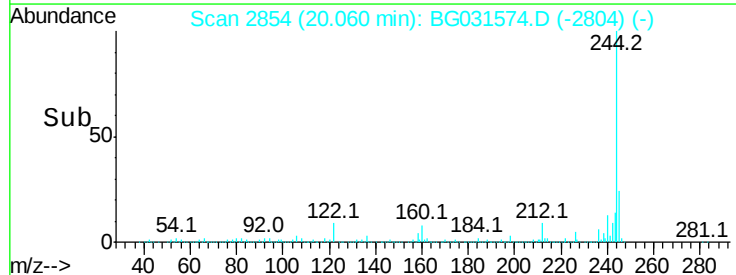
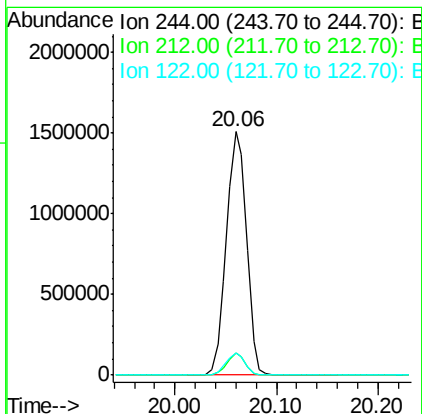
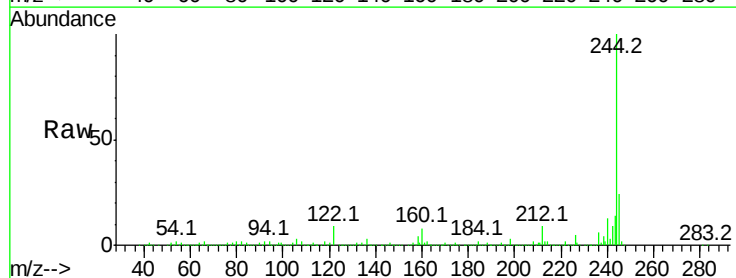
RT: 20.06 min Scan# 2854

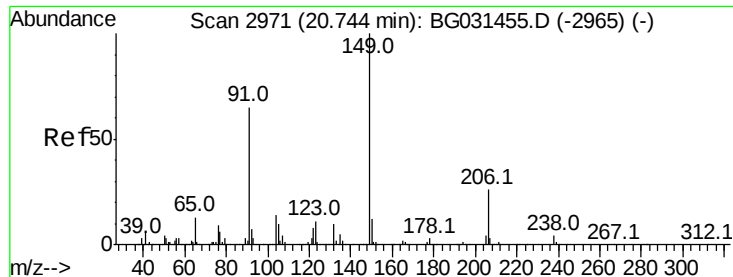
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	9.2	7.0	10.4





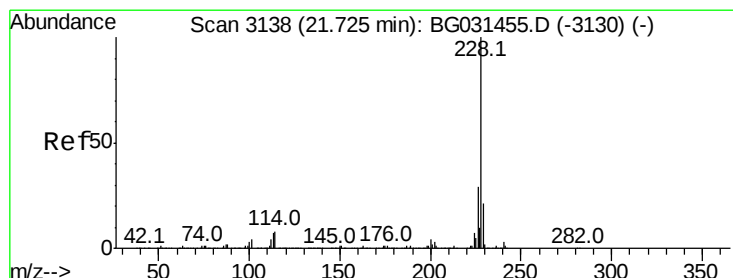
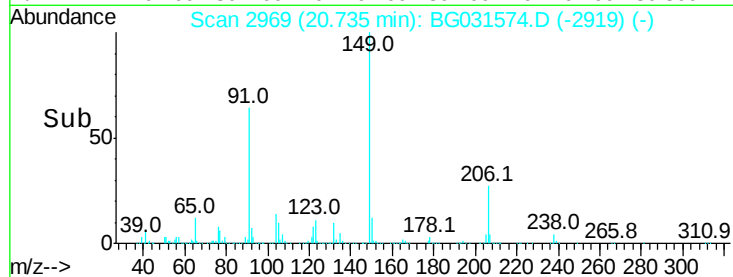
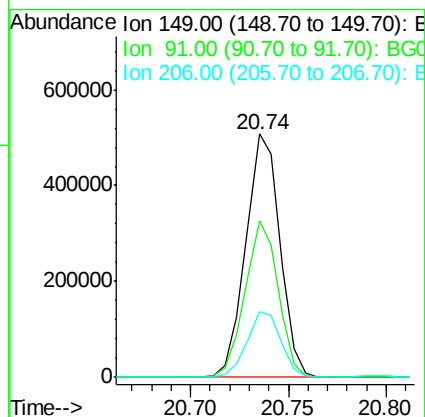
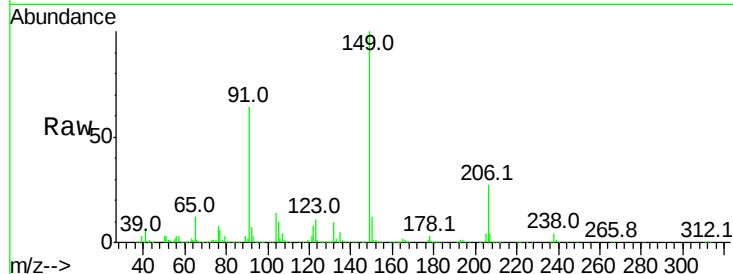
#79
 Butylbenzylphthalate
 Concen: 47.089 ng
 RT: 20.74 min Scan# 2969
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion:	149	Resp:	615720
Ion Ratio	Lower	Upper	
149	100		
91	64.4	62.2	93.2
206	27.0	18.6	27.8

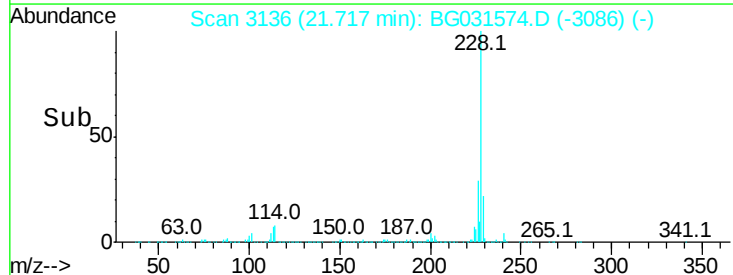
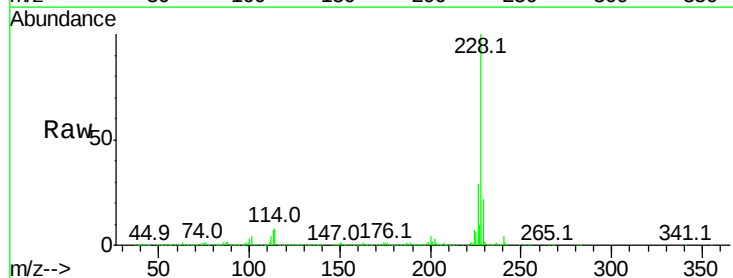
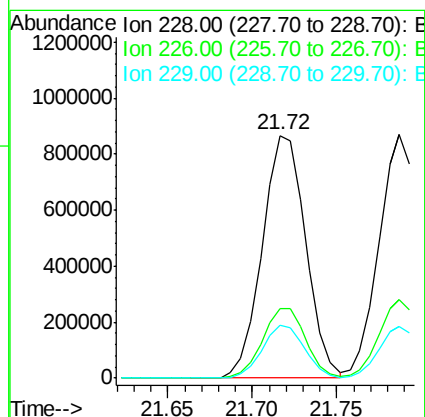
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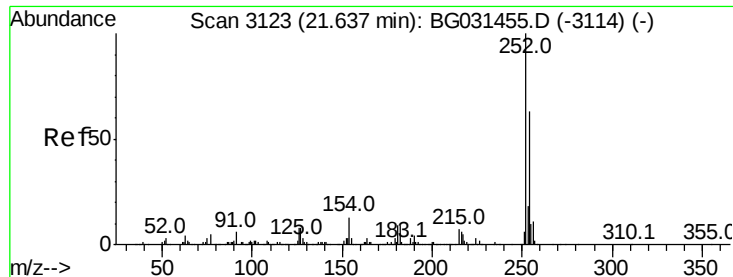
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#80
 Benzo(a)anthracene
 Concen: 42.693 ng
 RT: 21.72 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion:	228	Resp:	1545753
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.7	34.1
229	21.9	16.2	24.2





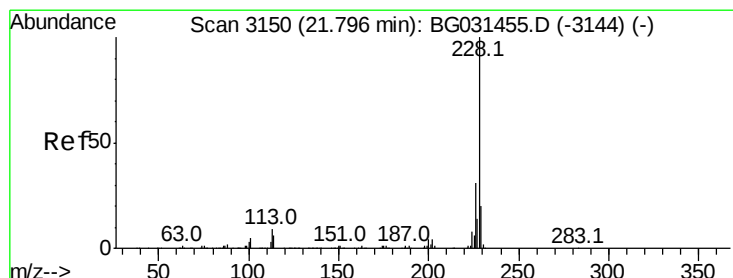
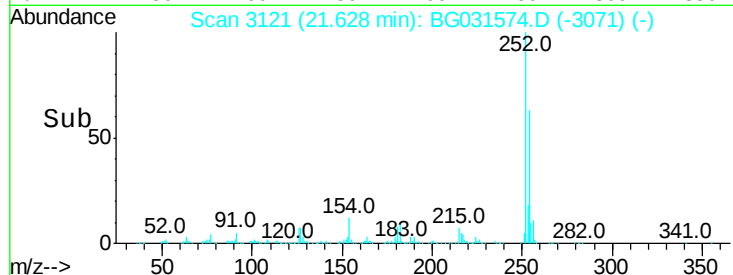
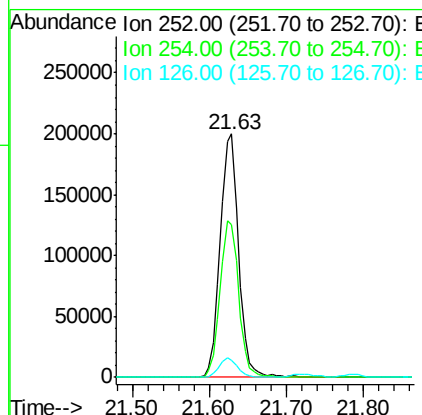
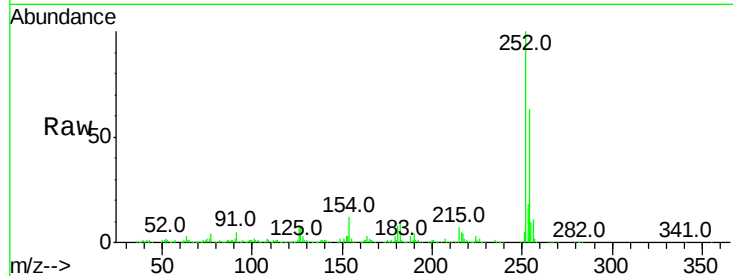
#81
 3,3'-Dichlorobenzidine
 Concen: 26.172 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	329795		
254	62.8		50.8	76.2
126	7.1		7.4	11.2#

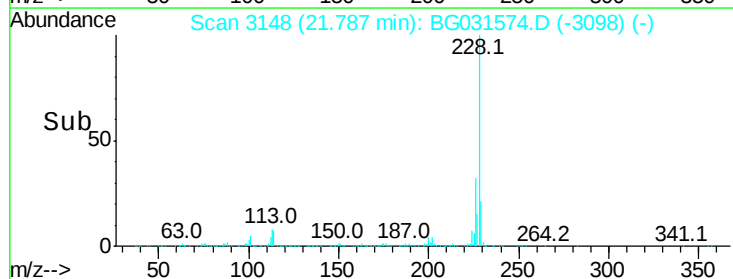
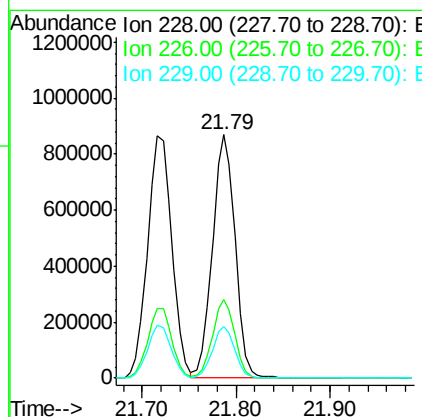
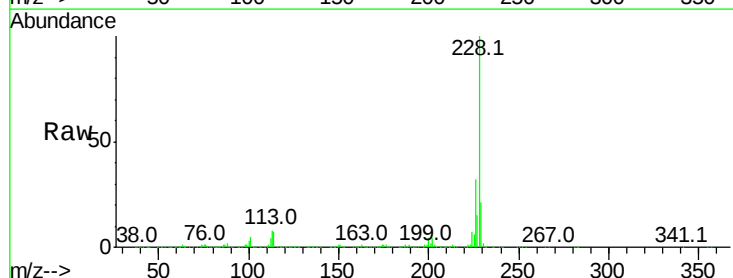
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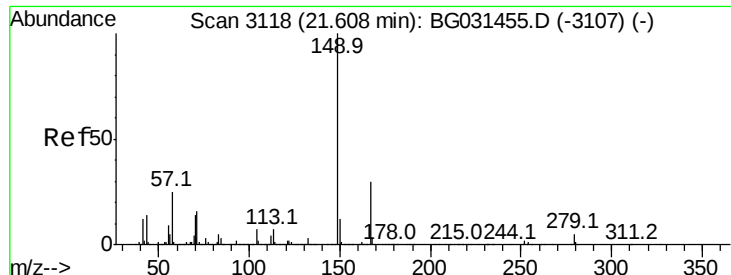
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#82
 Chrysene
 Concen: 42.173 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1463787		
226	32.3		24.9	37.3
229	21.1		15.0	22.4





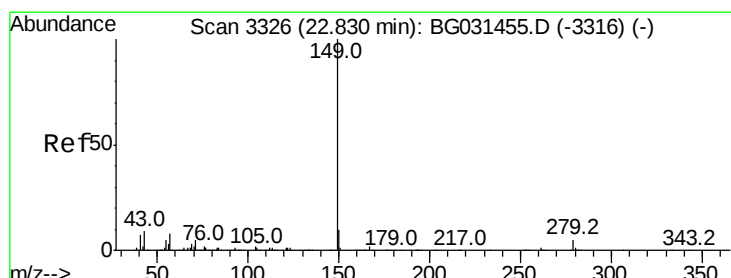
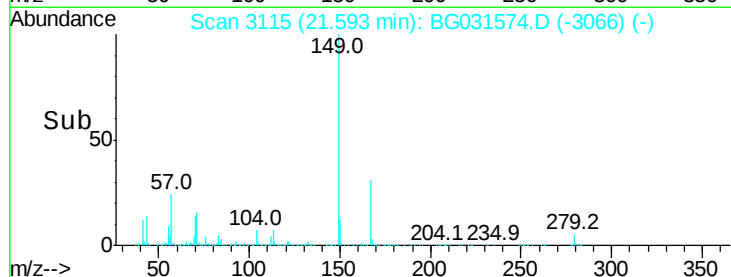
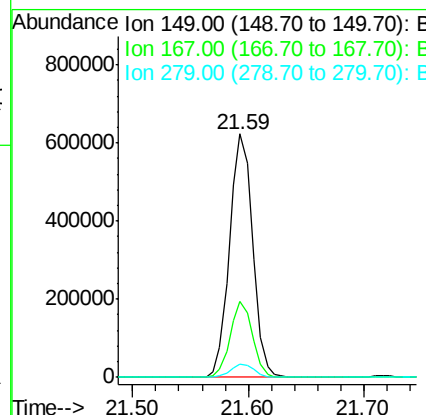
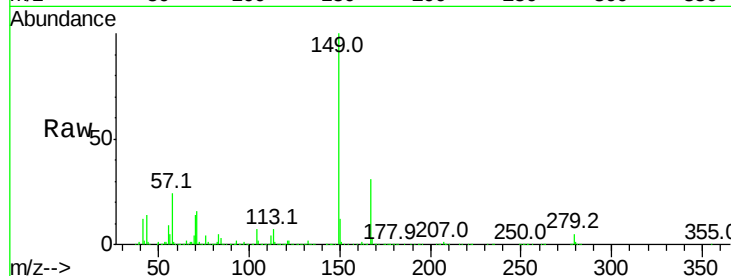
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.870 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	5.4	4.0	6.0

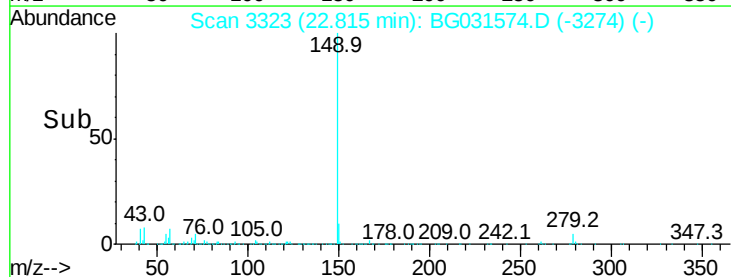
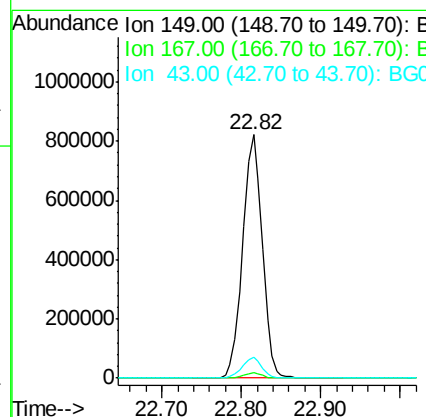
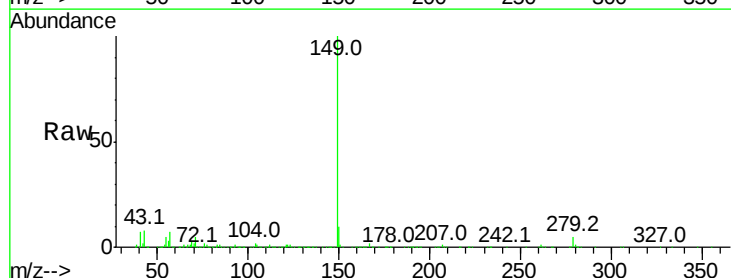
Manual Integrations
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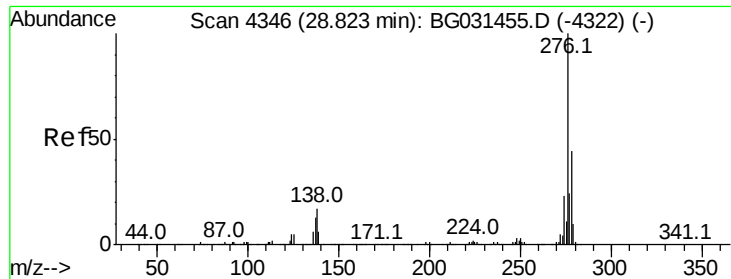
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 45.313 ng
 RT: 22.82 min Scan# 3323
 Delta R.T. -0.01 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.1	8.9	13.3





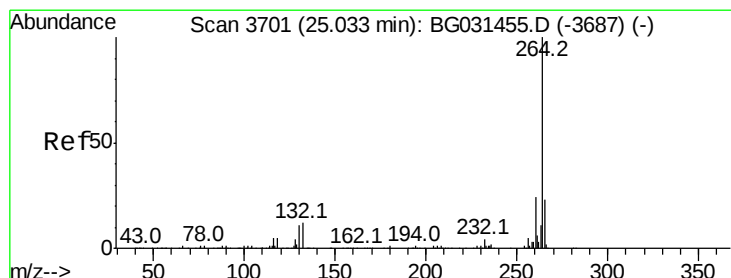
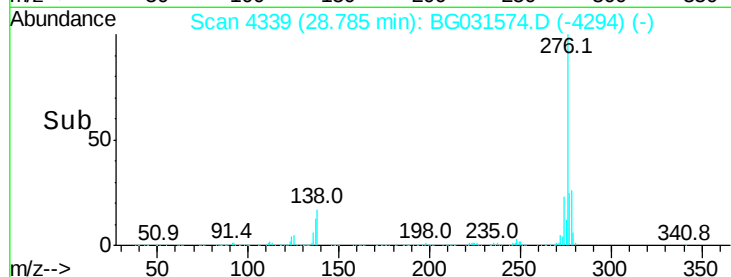
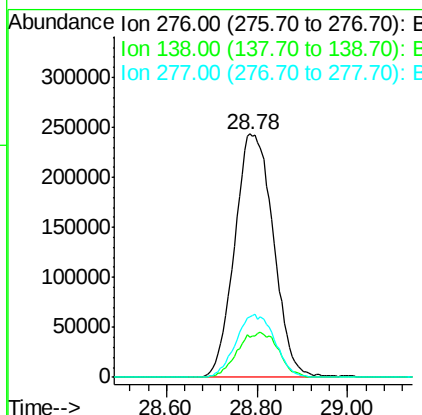
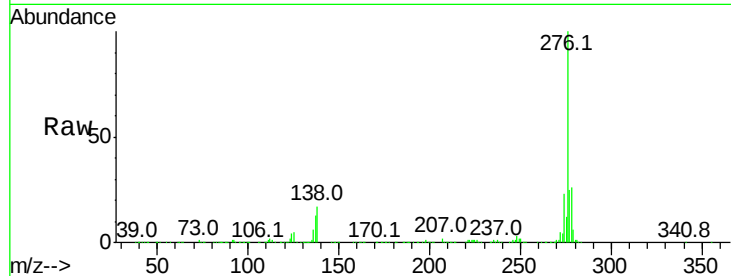
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.907 ng
RT: 28.78 min Scan# 4339
Delta R.T. -0.04 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#

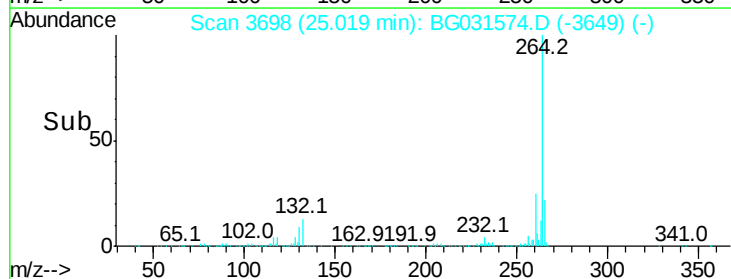
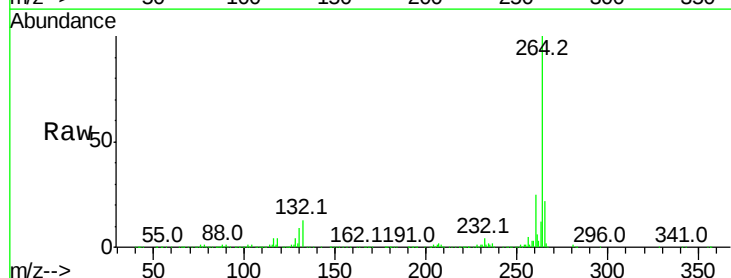
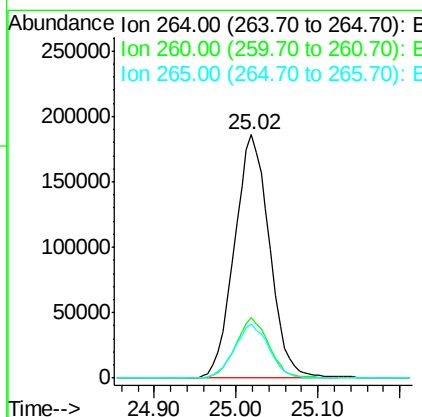
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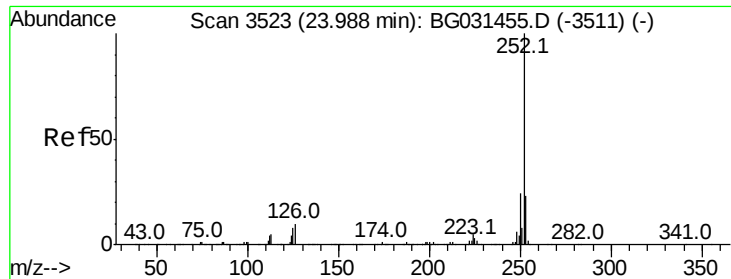
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.640 ng

RT: 23.98 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Instrument :

BNA_G

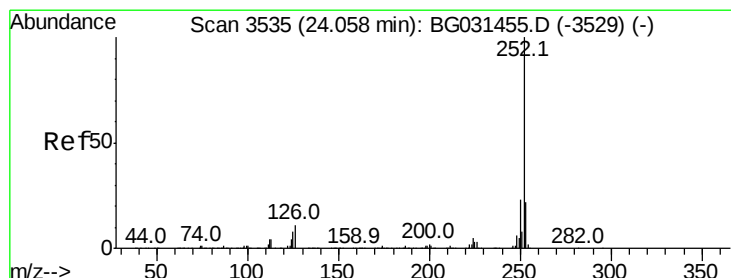
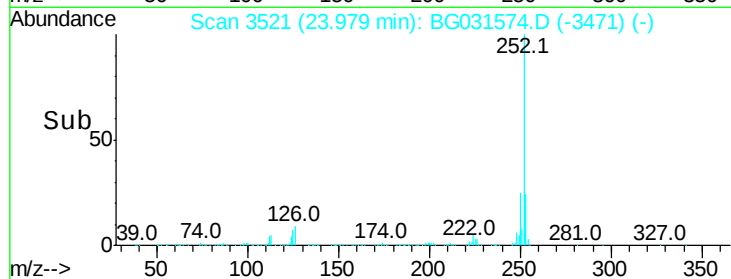
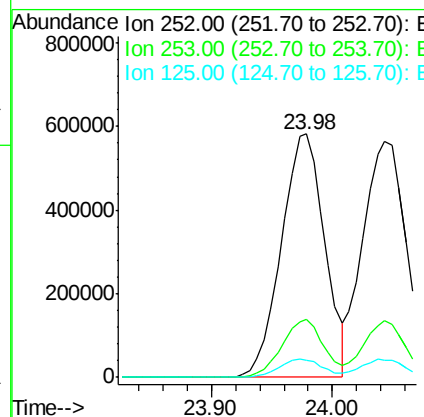
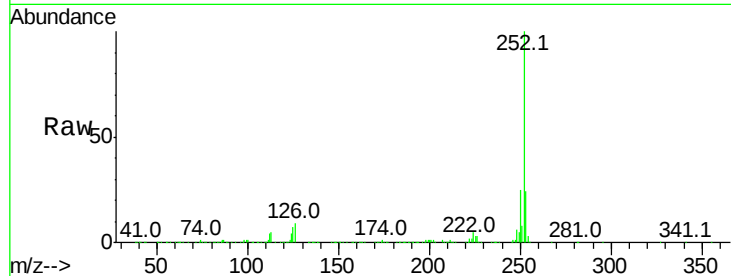
ClientSampleId :

EPE-122-2(40-42)MSD

Tot Ion:	252	Resp:	1443572
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	7.3	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.439 ng

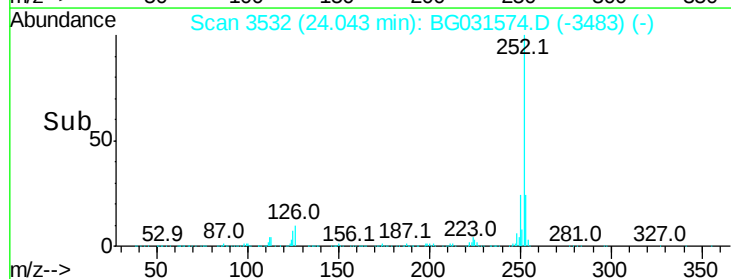
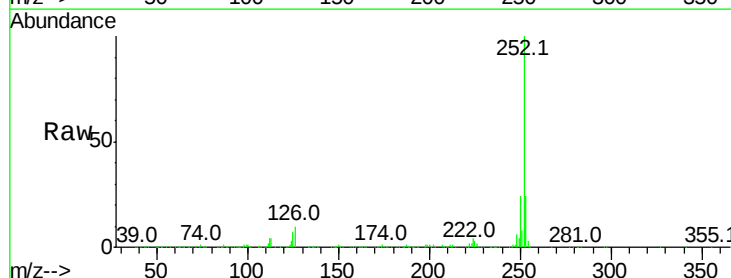
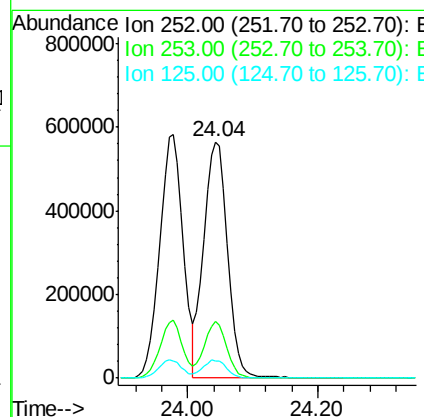
RT: 24.04 min Scan# 3532

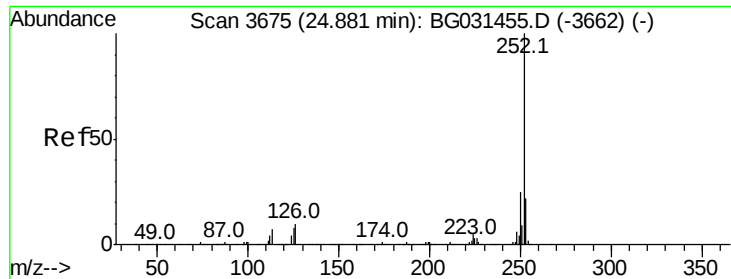
Delta R.T. -0.01 min

Lab File: BG031574.D

Acq: 15 Dec 2017 00:48

Tgt Ion:	252	Resp:	1432627
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	7.5	6.6	9.8





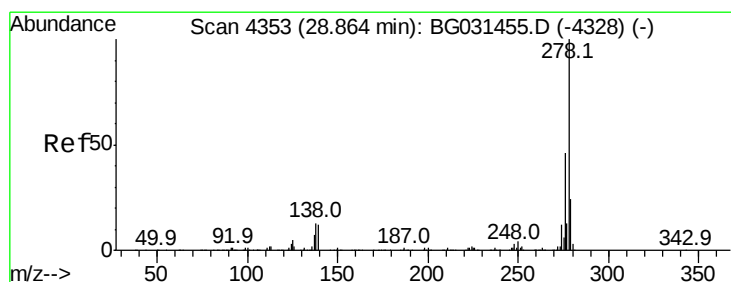
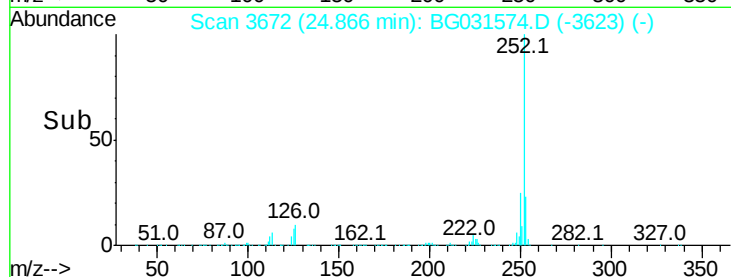
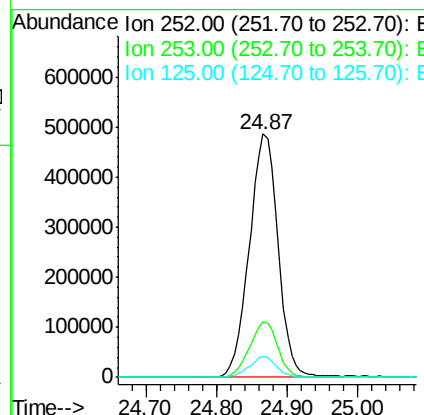
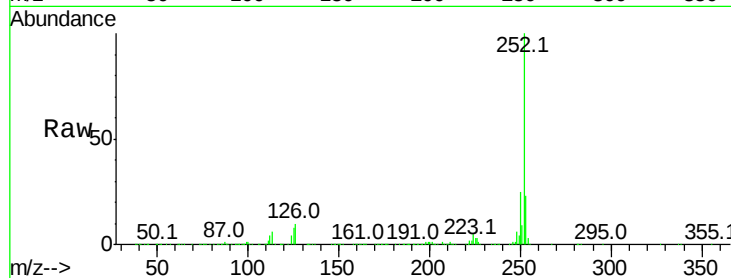
#89
Benzo(a)pyrene
Concen: 44.130 ng
RT: 24.87 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.5	7.3	10.9

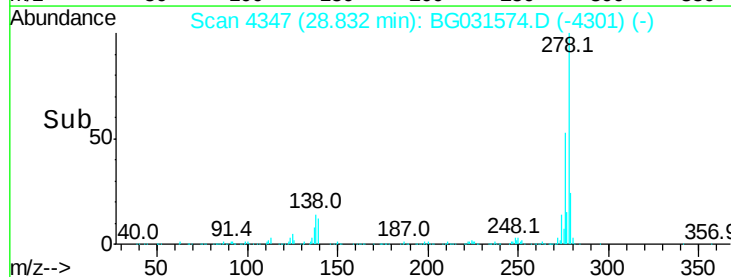
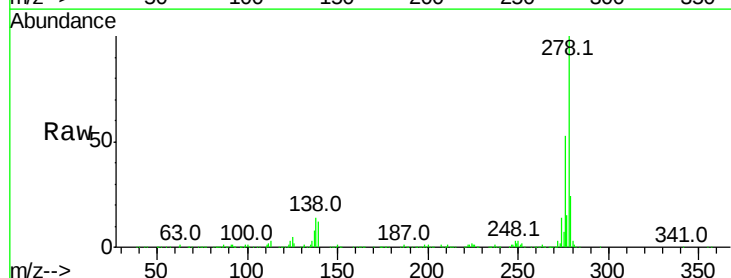
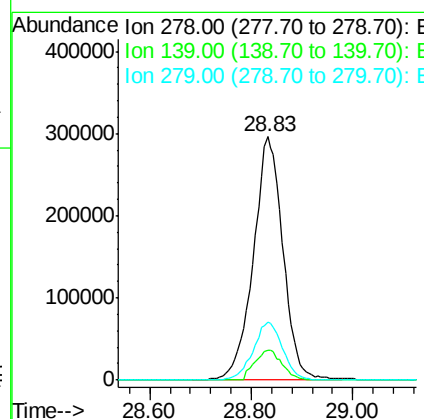
Manual Integrations
APPROVED

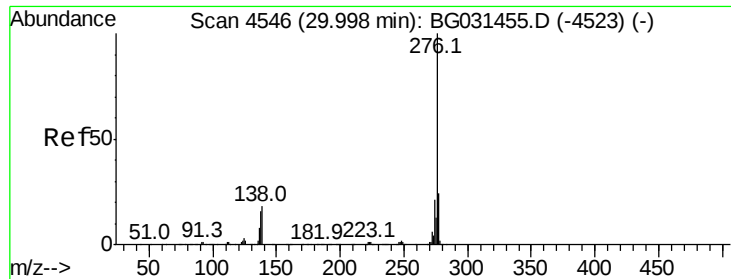
Sohil
12/15/2017 6:47:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.052 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.03 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.8	14.6
279	23.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.042 ng
 RT: 29.97 min Scan# 4541
 Delta R.T. -0.03 min
 Lab File: BG031574.D
 Acq: 15 Dec 2017 00:48

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	15.3	13.9	20.9

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Sohil
 12/15/2017 6:47:03 PM

