

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011818\
 Data File : BG032147.D
 Acq On : 18 Jan 2018 22:02
 Operator : SJ/JU
 Sample : J1187-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Manual Integrations
 APPROVED

Sohil
 1/19/2018 9:48:31 AM

Quant Time: Jan 19 11:12:27 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43765	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	178142	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	128996	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	355952	20.00	ng	0.00
75) Chrysene-d12	22.45	240	421493	20.00	ng	0.00
86) Perylene-d12	26.15	264	459470	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	377006	157.55	ng	0.00
7) Phenol-d6	7.86	99	480274	159.36	ng	0.00
23) Nitrobenzene-d5	9.94	82	290516	110.33	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	373004	174.74	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	923424	88.76	ng	0.00
78) Terphenyl-d14	20.65	244	1694679	88.78	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.82	88	29979	32.610	ng	# 76
3) Pyridine	4.28	79	92228	37.585	ng	# 80
4) n-Nitrosodimethylamine	4.18	42	52165	60.510	ng	# 93
6) Aniline	8.04	93	139988	36.826	ng	# 94
8) 2-Chlorophenol	8.29	128	136795	51.087	ng	# 83
9) Benzaldehyde	7.84	77	88042	50.420	ng	# 86
10) Phenol	7.88	94	175508	59.118	ng	# 97
11) bis(2-Chloroethyl)ether	8.13	93	112263	47.201	ng	# 81
12) 1,3-Dichlorobenzene	8.63	146	156781m	44.737	ng	# 96
13) 1,4-Dichlorobenzene	8.78	146	159134	45.098	ng	# 98
14) 1,2-Dichlorobenzene	9.11	146	151009	44.247	ng	# 96
15) Benzyl Alcohol	8.97	79	122043	55.744	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	9.27	45	116322	48.124	ng	# 94
17) 2-Methylphenol	9.18	107	115381	50.855	ng	# 83
18) Hexachloroethane	9.87	117	52264	48.194	ng	# 89
19) n-Nitroso-di-n-propylamine	9.55	70	94039	50.291	ng	# 94
20) 3+4-Methylphenols	9.51	107	158441	50.410	ng	# 89
22) Acetophenone	9.58	105	202324	50.000	ng	# 87
24) Nitrobenzene	9.98	77	138219	52.625	ng	# 84
25) Isophorone	10.51	82	269705	55.008	ng	# 83
26) 2-Nitrophenol	10.71	139	84736	54.448	ng	# 95
27) 2,4-Dimethylphenol	10.75	122	142519	57.708	ng	# 95
28) bis(2-Chloroethoxy)methane	10.99	93	163107	55.215	ng	# 91
29) 2,4-Dichlorophenol	11.25	162	180336	59.344	ng	# 97
30) 1,2,4-Trichlorobenzene	11.48	180	193433	49.288	ng	# 99
31) Naphthalene	11.68	128	428350	48.540	ng	# 92
33) 4-Chloroaniline	11.77	127	148462	39.232	ng	# 94
34) Hexachlorobutadiene	11.95	225	139238	49.396	ng	# 84
35) Caprolactam	12.52	113	57526m	62.399	ng	# 94
36) 4-Chloro-3-methylphenol	12.84	107	166731	59.943	ng	# 97
37) 2-Methylnaphthalene	13.24	142	360695	51.483	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	269529	47.934	ng	# 99
40) Hexachlorocyclopentadiene	13.57	237	322937	101.968	ng	# 92
42) 2,4,6-Trichlorophenol	13.82	196	174037	55.085	ng	# 99

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Manual Integrations
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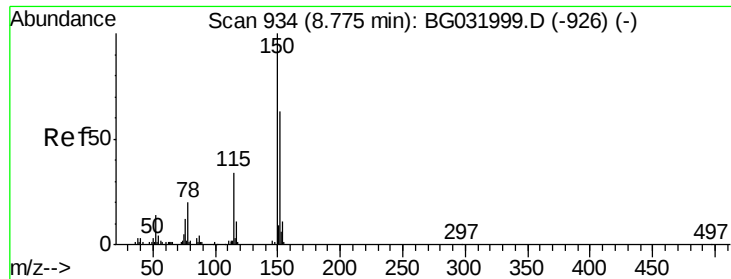
Sohil

1/19/2018 9:48:31 AM

Quant Time: Jan 19 11:12:27 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.90	196	190648	52.132	ng	# 90
45) 1,1'-Biphenyl	14.22	154	517715	46.816	ng	96
46) 2-Chloronaphthalene	14.27	162	405733	47.163	ng	95
47) 2-Nitroaniline	14.46	65	95971	58.273	ng	# 72
48) Acenaphthylene	15.11	152	611772	46.699	ng	98
49) Dimethylphthalate	14.81	163	683983	60.593	ng	# 99
50) 2,6-Dinitrotoluene	14.94	165	131118	55.961	ng	# 70
51) Acenaphthene	15.45	154	396883	45.816	ng	99
52) 3-Nitroaniline	15.27	138	96344	45.527	ng	# 77
53) 2,4-Dinitrophenol	15.47	184	18928	21.666	ng	# 1
54) Dibenzofuran	15.78	168	648761	50.205	ng	99
55) 4-Nitrophenol	15.55	139	194921	126.390	ng	# 81
56) 2,4-Dinitrotoluene	15.72	165	187185	59.339	ng	# 67
57) Fluorene	16.42	166	530853	50.089	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.99	232	209506	61.929	ng	# 86
59) Diethylphthalate	16.15	149	570061	52.092	ng	97
60) 4-Chlorophenyl-phenylether	16.39	204	340484	52.372	ng	93
61) 4-Nitroaniline	16.43	138	122783	60.484	ng	88
62) Azobenzene	16.69	77	361788	52.819	ng	89
64) 4,6-Dinitro-2-methylphenol	16.48	198	98538	43.733	ng	# 69
65) n-Nitrosodiphenylamine	16.60	169	510792	47.291	ng	100
66) 4-Bromophenyl-phenylether	17.29	248	249822	49.328	ng	95
67) Hexachlorobenzene	17.42	284	256018	45.692	ng	# 91
68) Atrazine	17.53	200	247700	54.531	ng	96
69) Pentachlorophenol	17.76	266	339181	94.705	ng	99
70) Phenanthrene	18.16	178	944483	47.658	ng	98
71) Anthracene	18.25	178	978023	49.479	ng	98
72) Carbazole	18.51	167	859875	50.147	ng	99
73) Di-n-butylphthalate	19.01	149	965573	47.655	ng	100
74) Fluoranthene	20.12	202	1241289	50.025	ng	94
76) Benzidine	20.28	184	724931	68.779	ng	98
77) Pyrene	20.48	202	1234090	46.575	ng	97
79) Butylbenzylphthalate	21.34	149	436914	46.023	ng	# 76
80) Benzo(a)anthracene	22.43	228	1301960	49.669	ng	99
81) 3,3'-Dichlorobenzidine	22.32	252	407107	41.575	ng	# 95
82) Chrysene	22.50	228	1220993	48.502	ng	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	626464	45.000	ng	# 98
84) Di-n-octyl phthalate	23.65	149	1059013	47.897	ng	# 89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1637221	53.143	ng	# 87
87) Benzo(b)fluoranthene	24.97	252	1402396	50.496	ng	# 96
88) Benzo(k)fluoranthene	25.05	252	1311326	48.320	ng	# 95
89) Benzo(a)pyrene	25.98	252	1345609	51.219	ng	# 96
90) Dibenzo(a,h)anthracene	30.52	278	1353177	53.450	ng	# 93
91) Benzo(g,h,i)perylene	31.81	276	1362534	52.657	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG032147.D

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BNA_G

ClientSampleId :

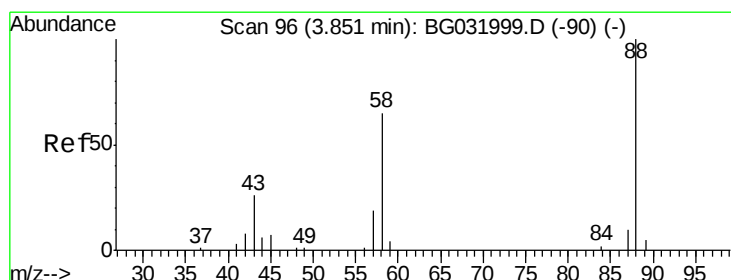
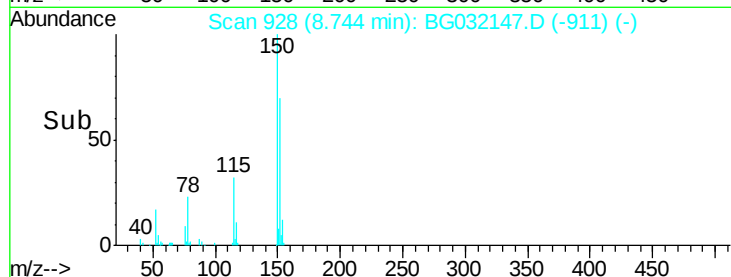
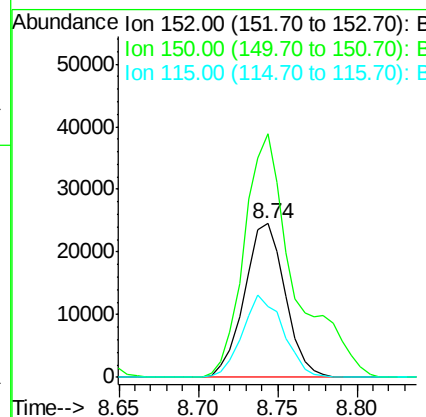
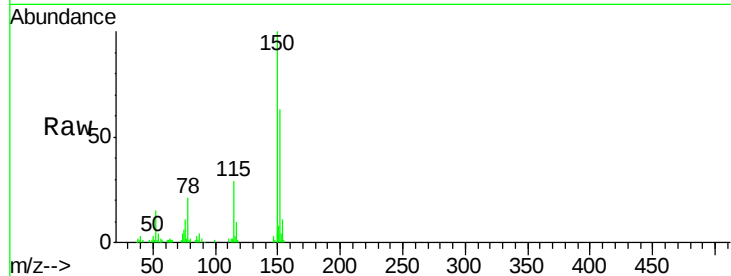
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	45.8	53.0	79.4

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#2

1,4-Dioxane

Concen: 32.610 ng

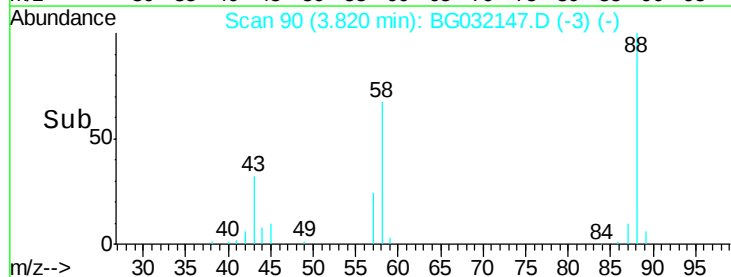
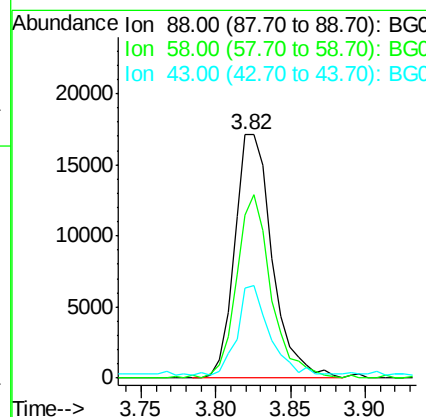
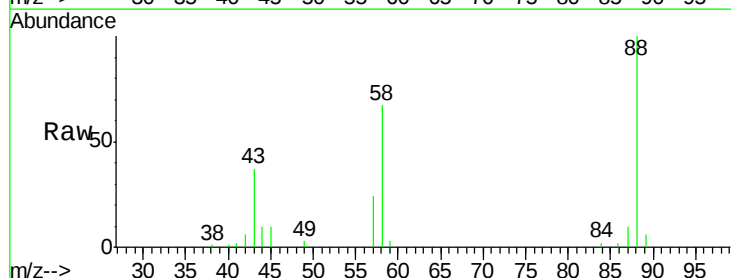
RT: 3.82 min Scan# 90

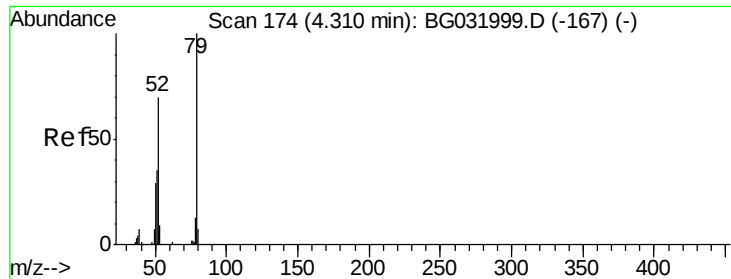
Delta R.T. -0.02 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	79.6	119.4
43	31.8	27.4	41.0





#3

Pyridine

Concen: 37.585 ng

RT: 4.28 min Scan# 168

Delta R.T. -0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

Tgt Ion: 79 Resp: 92228

Ion	Ratio	Lower	Upper
79	100		

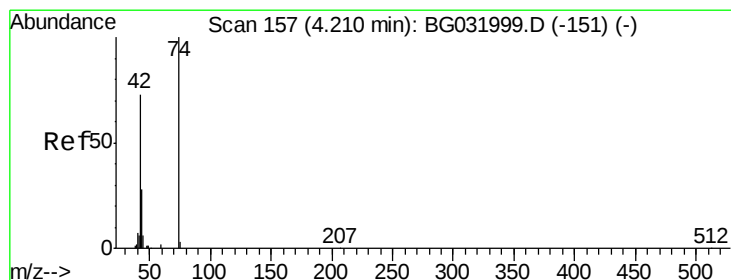
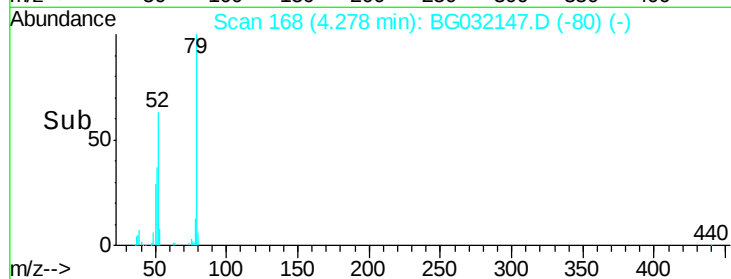
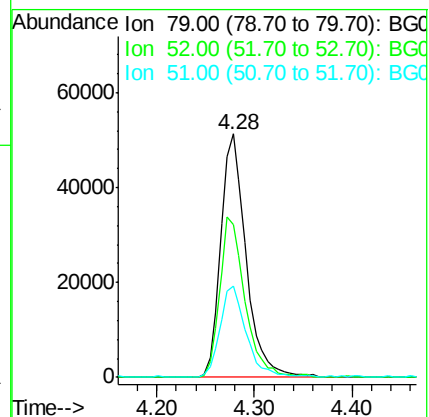
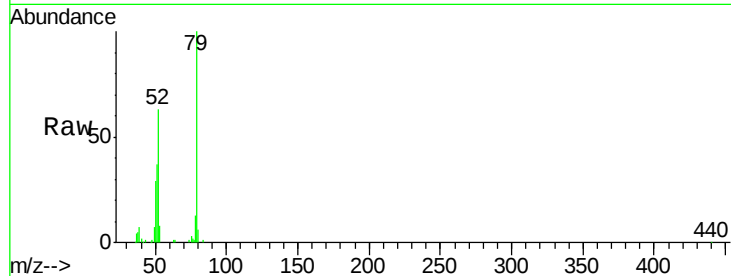
52	62.9	69.9	104.9#
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51	37.3	34.0	51.0
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Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 60.510 ng

RT: 4.18 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG032147.D

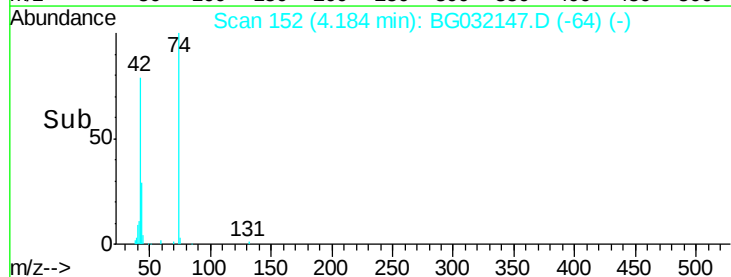
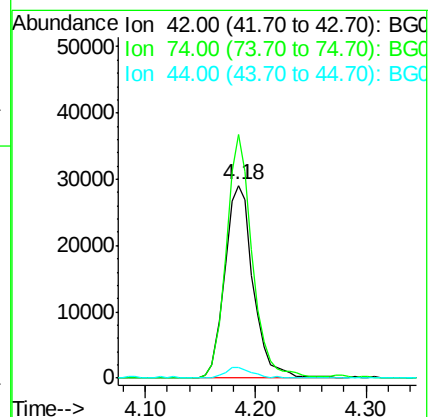
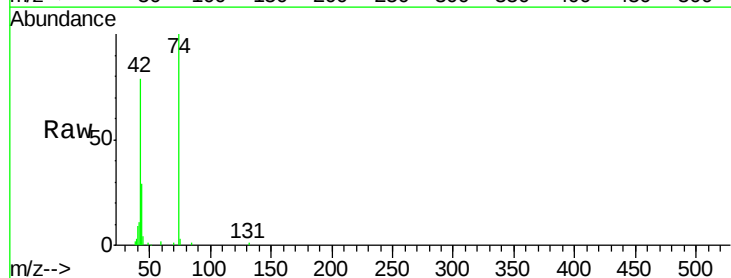
Acq: 18 Jan 2018 22:02

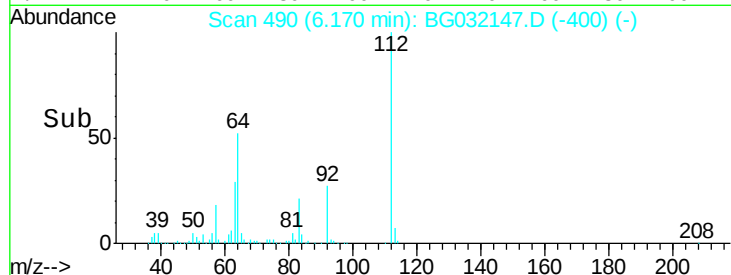
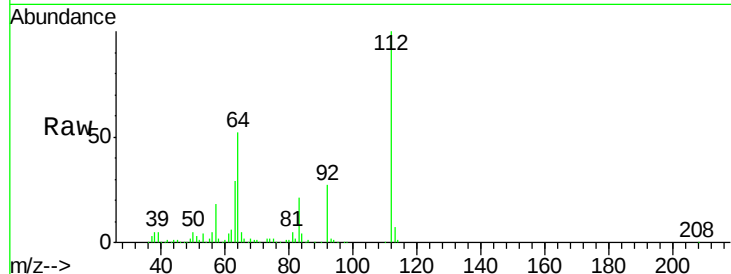
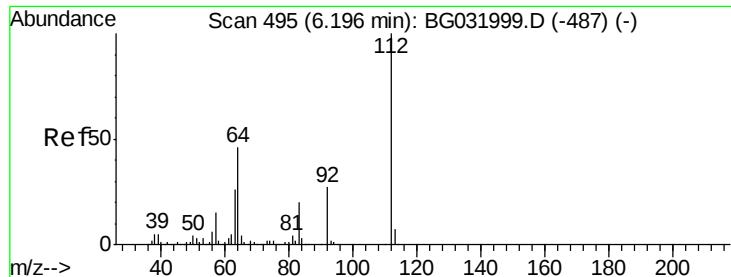
Tgt Ion: 42 Resp: 52165

Ion	Ratio	Lower	Upper
42	100		

74	126.3	102.5	153.7
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44	5.3	18.9	28.3#
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#5
2-Fluorophenol
Concen: 157.550 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

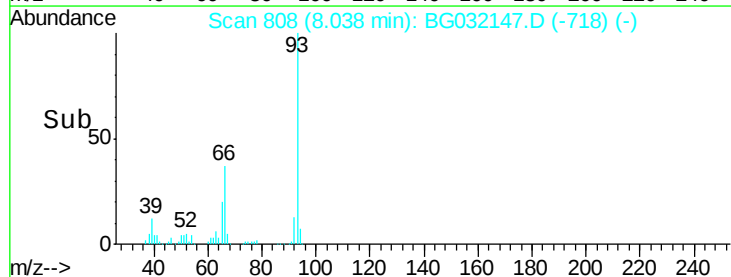
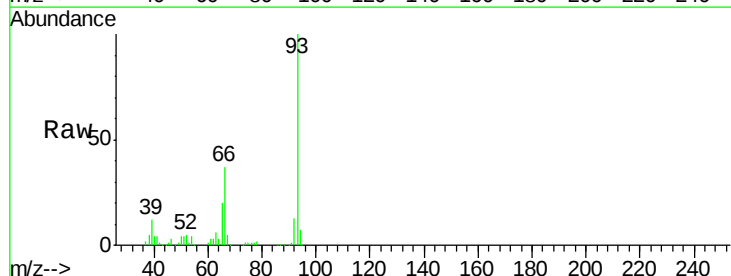
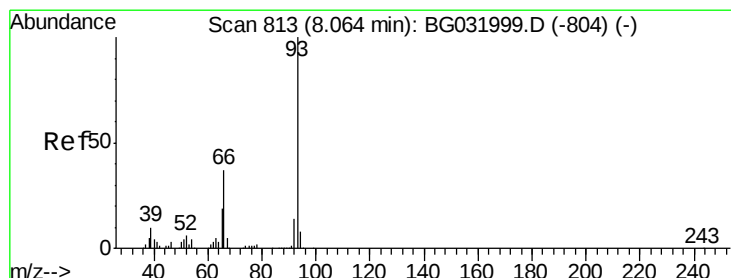
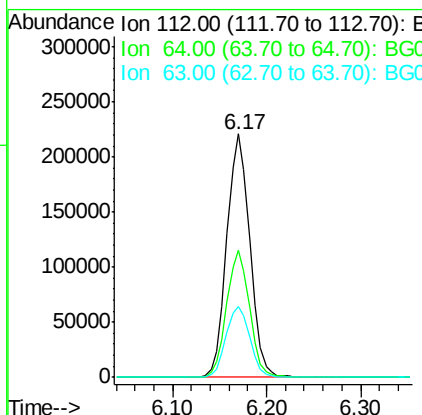
Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	52.0	56.3	84.5#
63	29.2	30.1	45.1#

Instrument :
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Manual Integrations
APPROVED

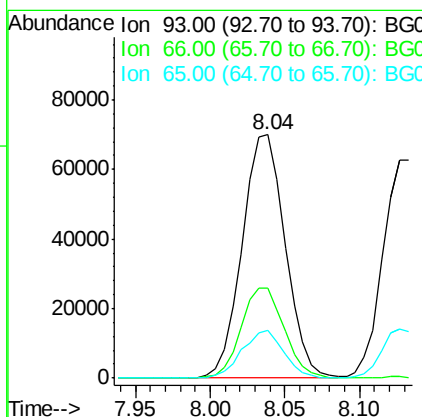
Sohil

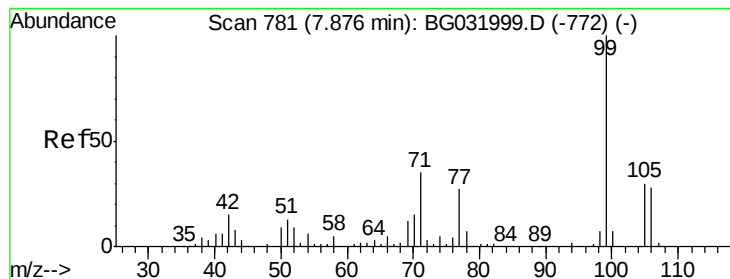
1/19/2018 9:48:31 AM



#6
Aniline
Concen: 36.826 ng
RT: 8.04 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	36.7	33.7	50.5
65	19.6	16.1	24.1





#7

Phenol-d6

Concen: 159.361 ng

RT: 7.86 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

Tgt Ion: 99 Resp: 480274

Ion Ratio Lower Upper

99 100

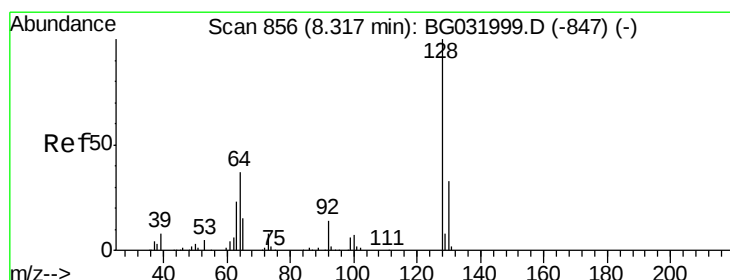
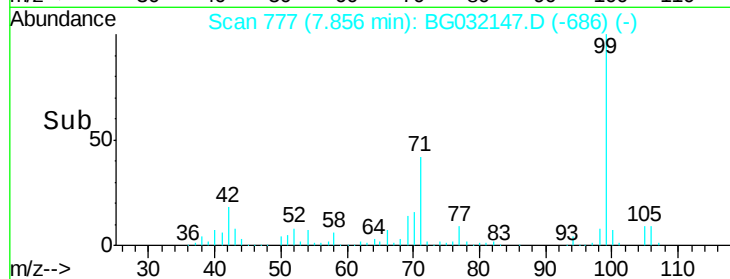
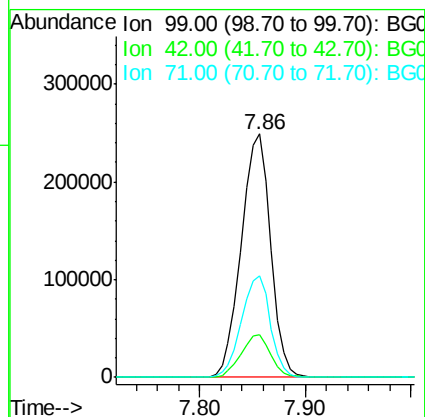
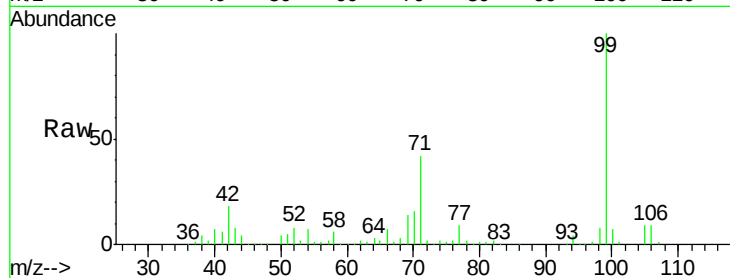
42 17.6 14.1 21.1

71 41.7 26.1 39.1#

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#8

2-Chlorophenol

Concen: 51.087 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

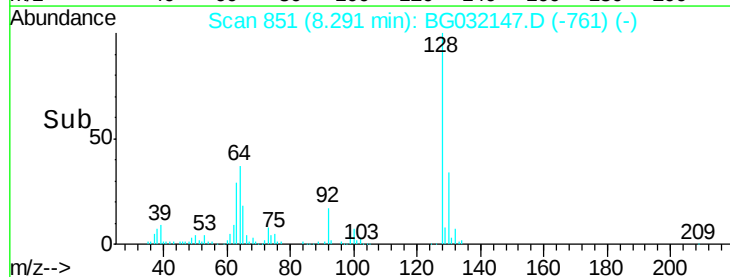
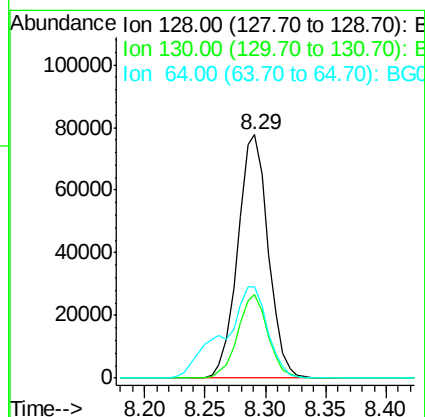
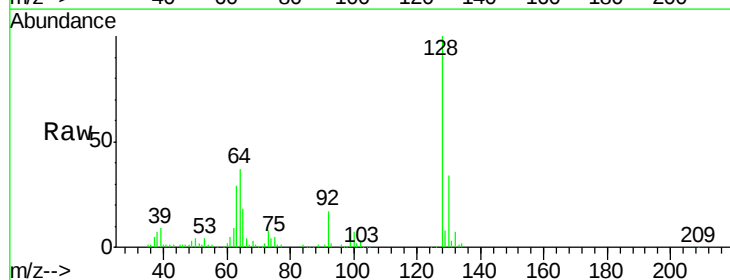
Tgt Ion: 128 Resp: 136795

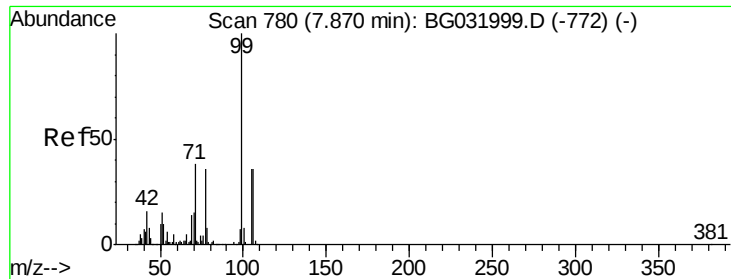
Ion Ratio Lower Upper

128 100

130 34.3 14.0 54.0

64 37.5 37.7 77.7#





#9

Benzaldehyde

Concen: 50.420 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

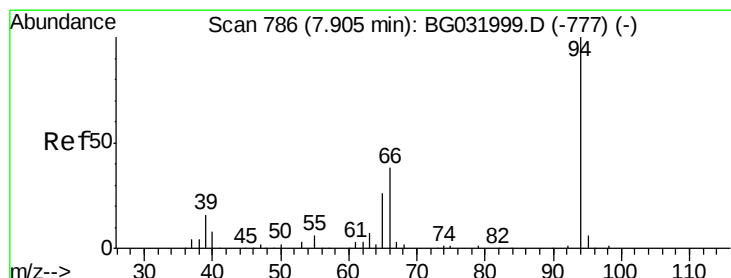
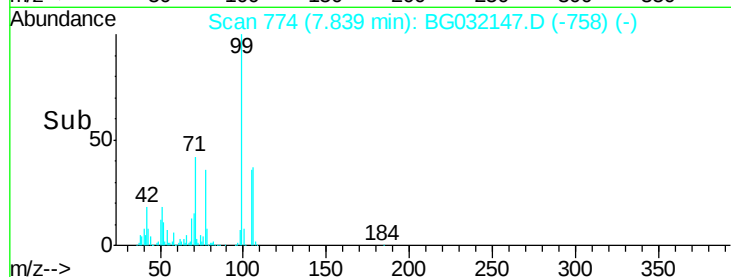
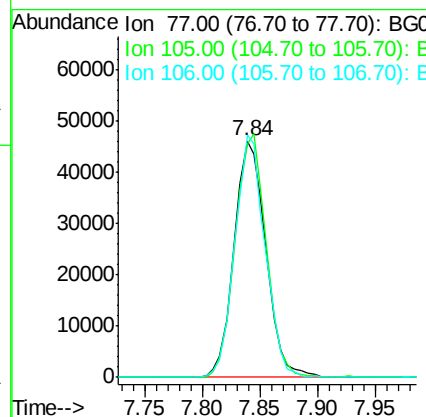
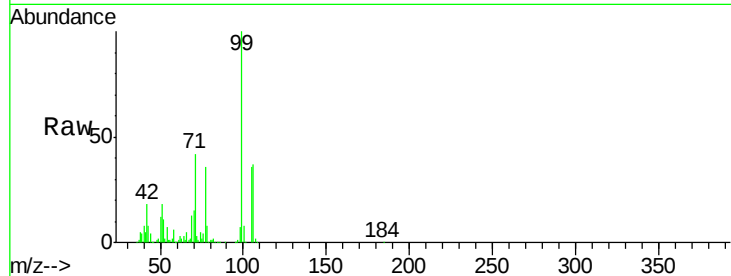
EPE-106-4A(34-36)MSD

Tgt Ion:	77	Resp:	88042
Ion	Ratio	Lower	Upper
77	100		
105	98.6	71.3	111.3
106	102.7	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 59.118 ng

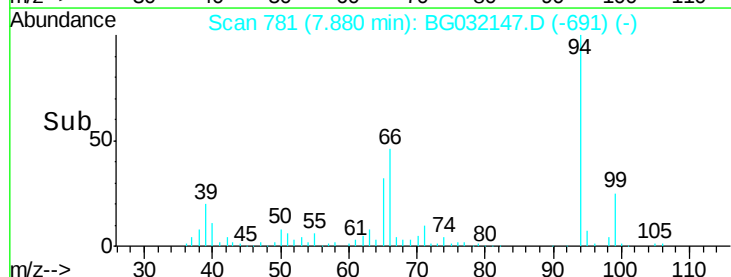
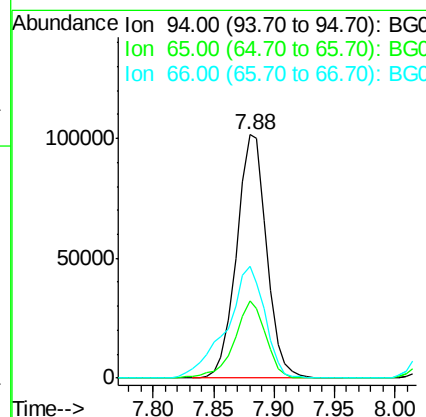
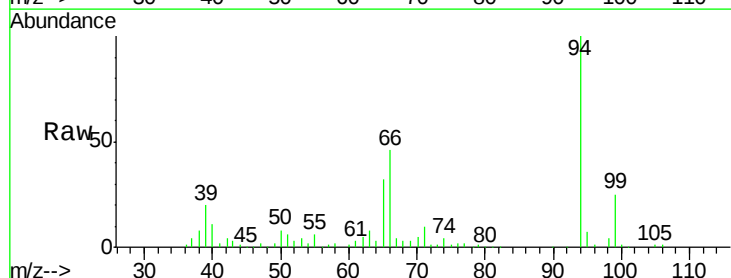
RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:	94	Resp:	175508
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.9	51.9
66	45.8	22.2	62.2





#11
bis(2-Chloroethyl)ether
Concen: 47.201 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

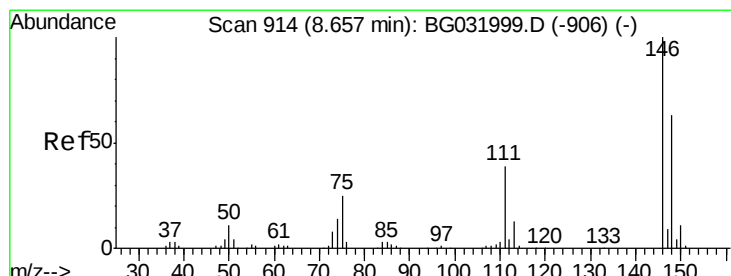
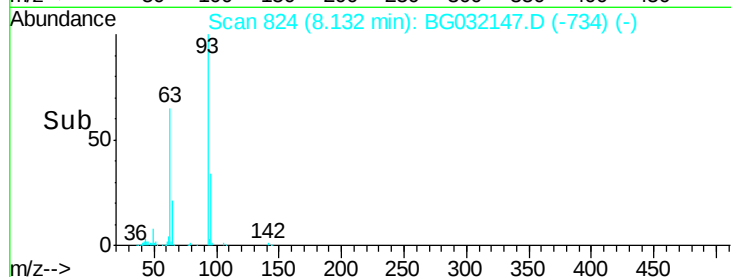
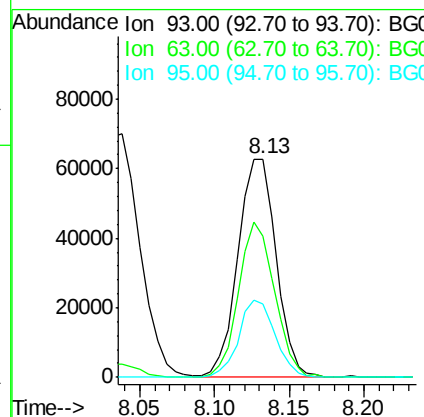
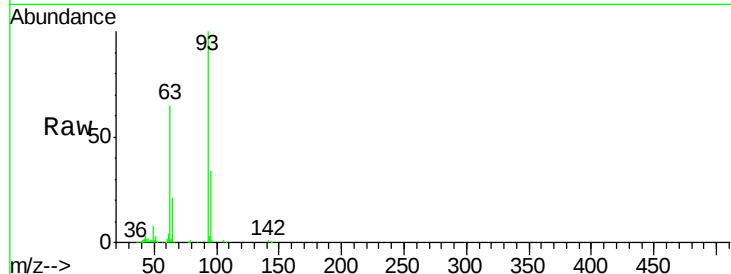
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	64.6	67.1	107.1#
95	33.5	11.5	51.5

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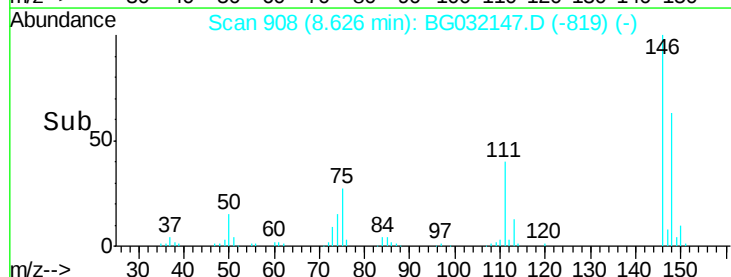
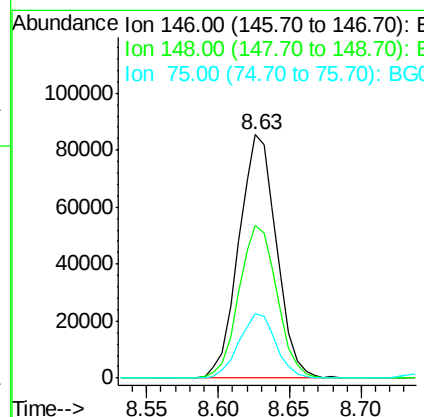
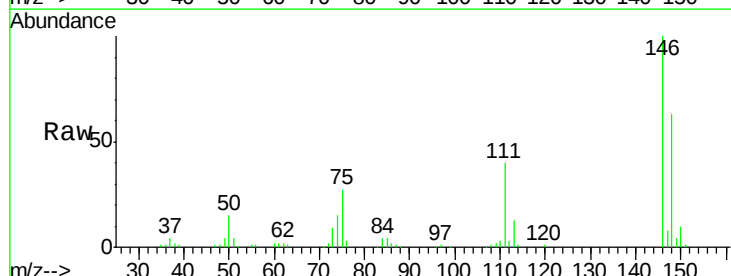
Sohil

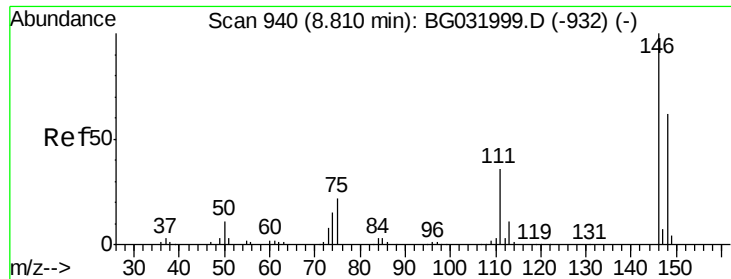
1/19/2018 9:48:31 AM



#12
1,3-Dichlorobenzene
Concen: 44.737 ng m
RT: 8.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	26.5	26.6	39.8#





#13
 1,4-Dichlorobenzene
 Concen: 45.098 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

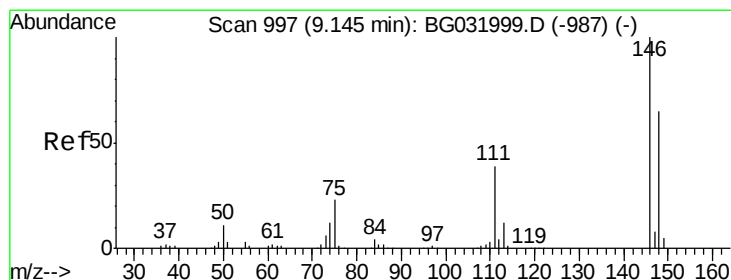
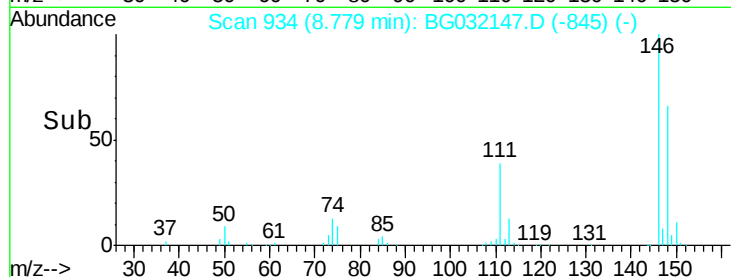
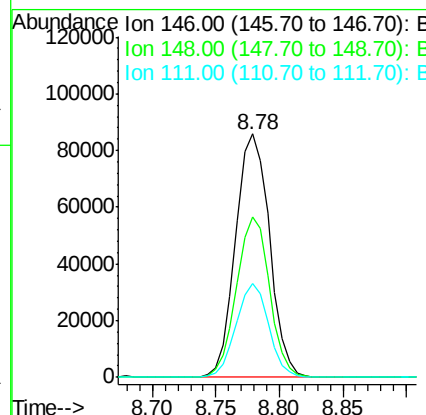
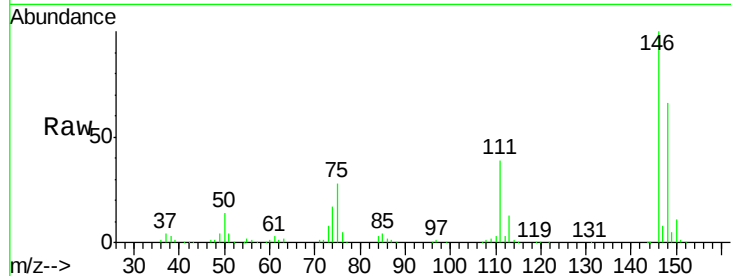
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.7	80.5
111	38.5	35.2	52.8

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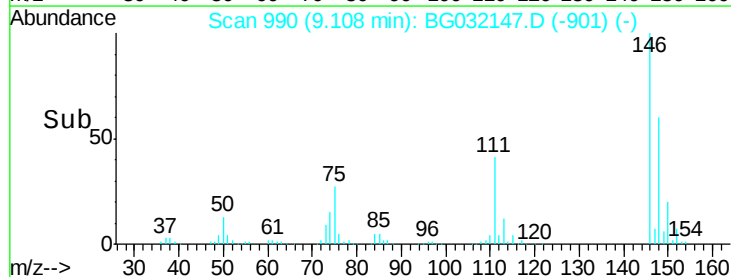
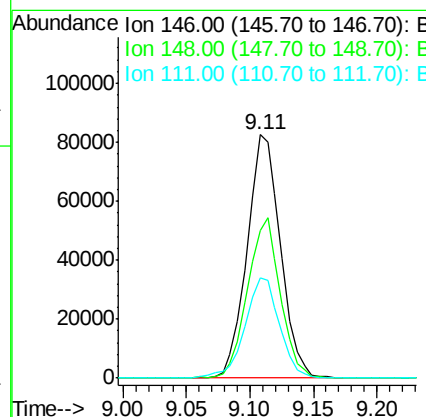
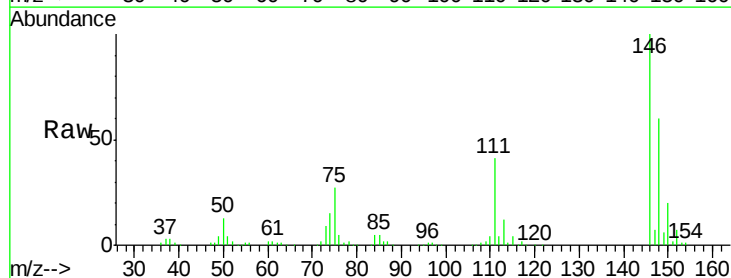
Sohil

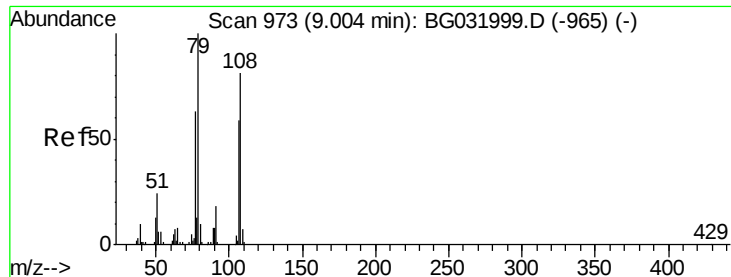
1/19/2018 9:48:31 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.247 ng
 RT: 9.11 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	49.3	73.9
111	40.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 55.744 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

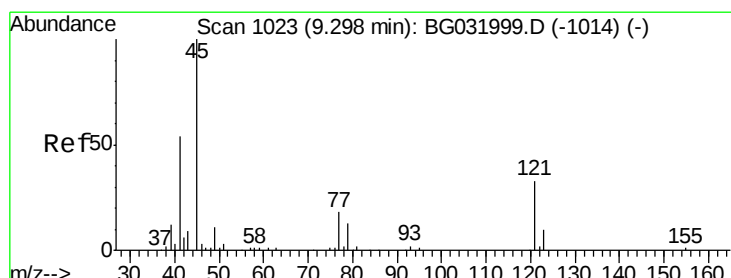
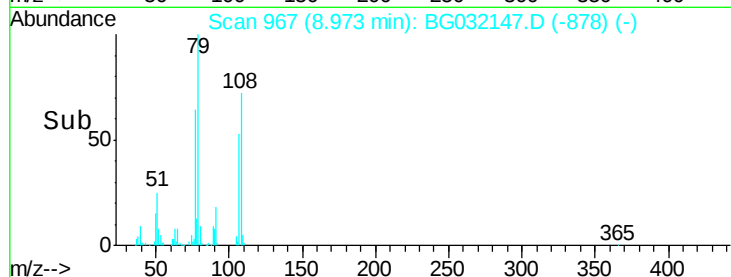
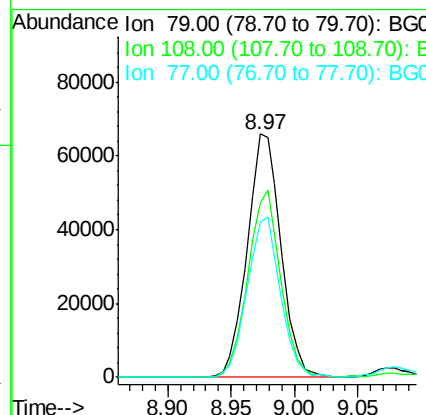
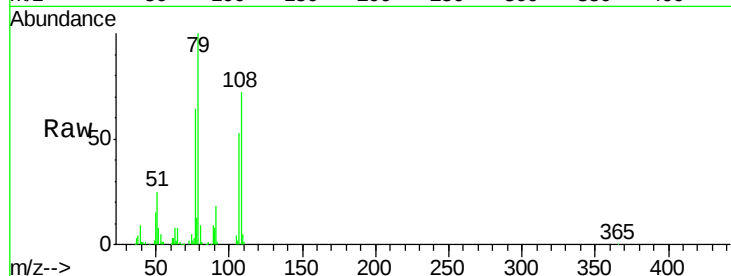
EPE-106-4A(34-36)MSD

Tgt Ion:	79	Resp:	122043
Ion Ratio	Lower	Upper	
79	100		
108	71.8	57.2	85.8
77	63.7	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.124 ng

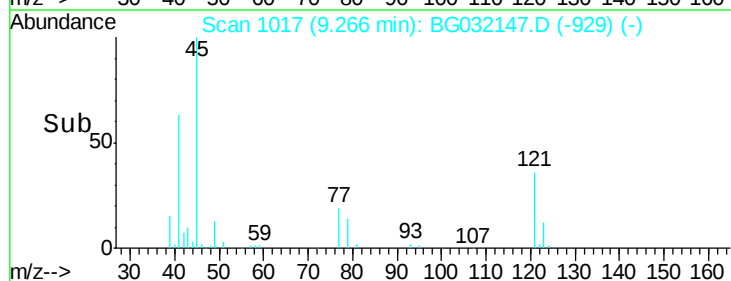
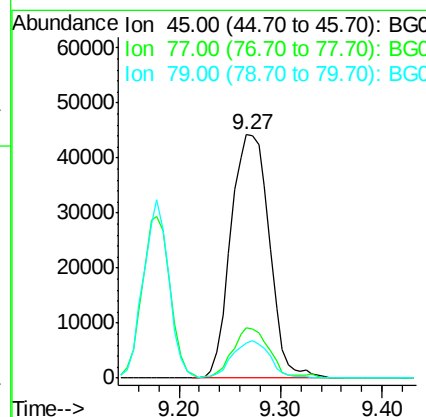
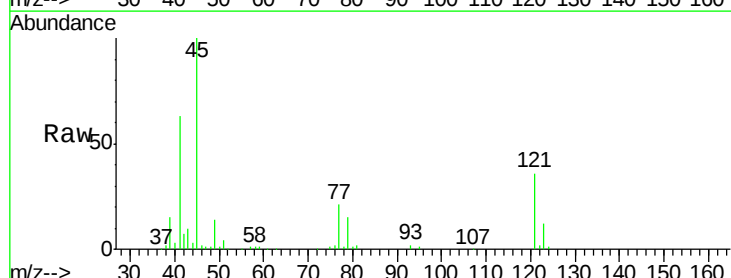
RT: 9.27 min Scan# 1017

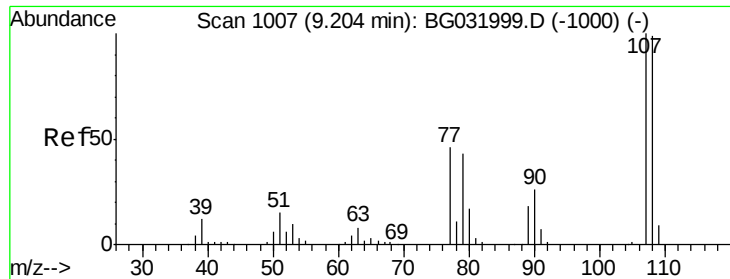
Delta R.T. -0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:	45	Resp:	116322
Ion Ratio	Lower	Upper	
45	100		
77	20.6	0.0	30.2
79	14.6	0.0	27.9





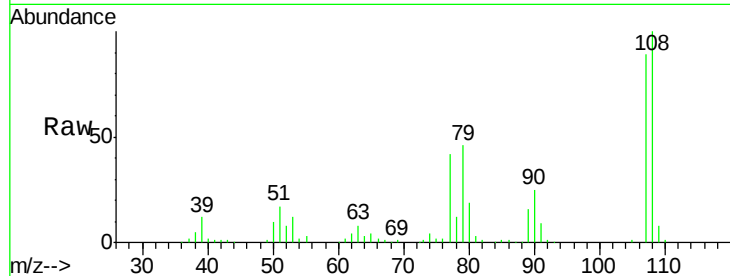
#17
2-Methylphenol
Concen: 50.855 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

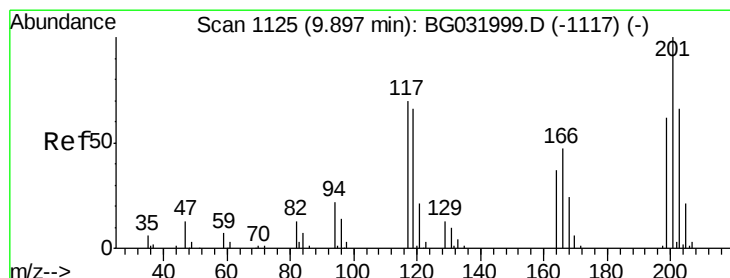
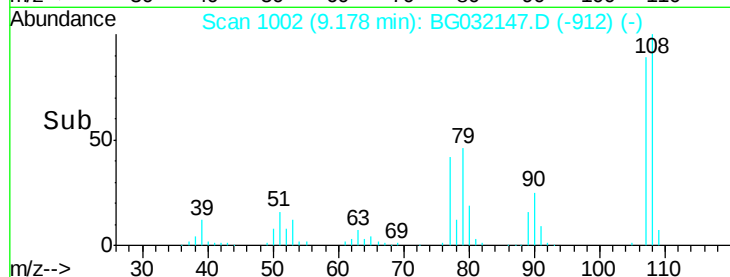
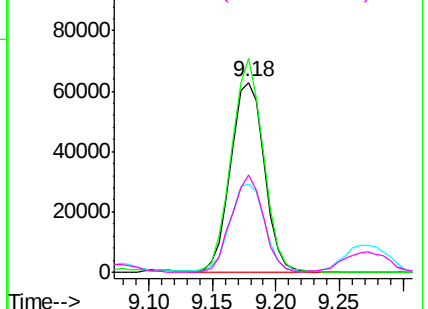
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	83.9	125.9	
77	46.8	37.2	55.8	
79	51.5	36.2	54.2	

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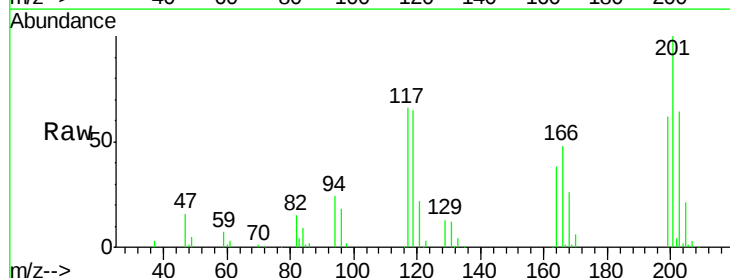


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

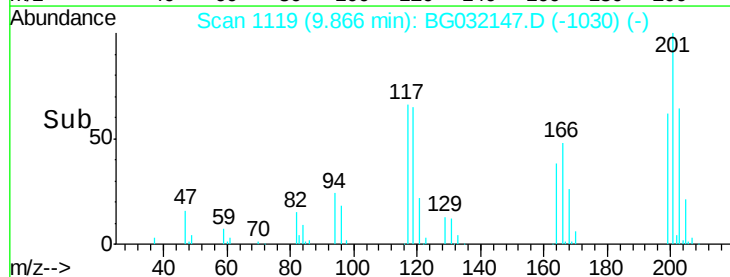
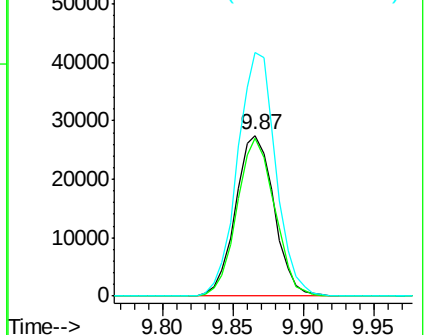


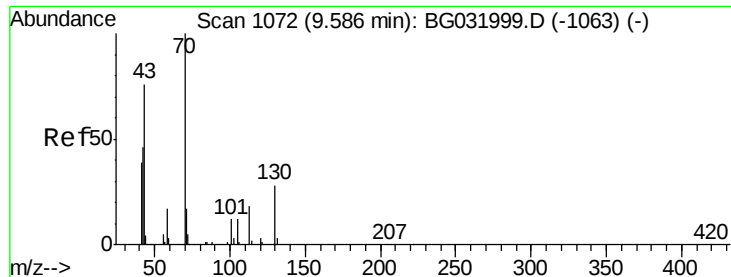
#18
Hexachloroethane
Concen: 48.194 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	76.7	115.1	
201	151.4	95.7	143.5	



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





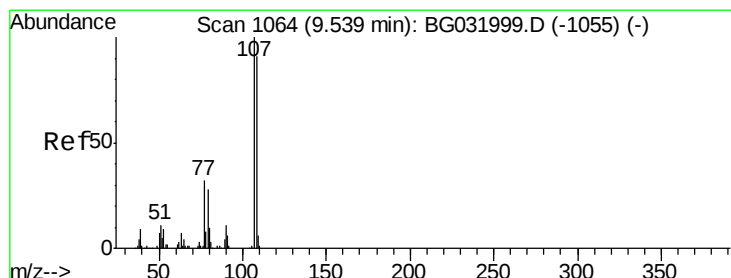
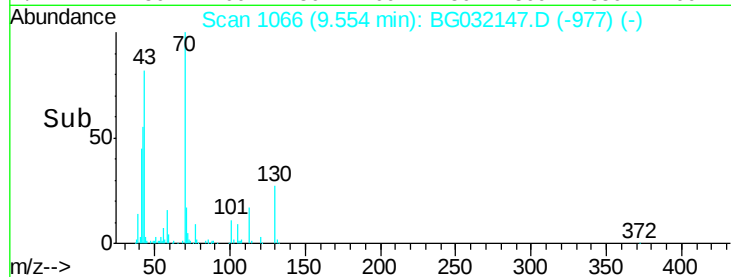
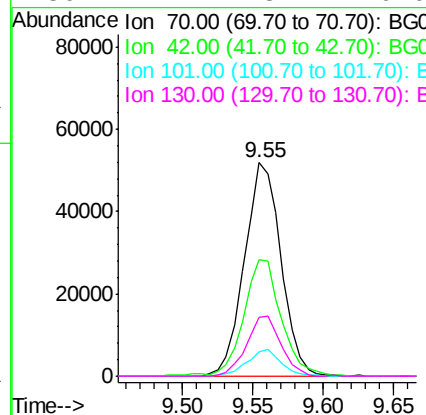
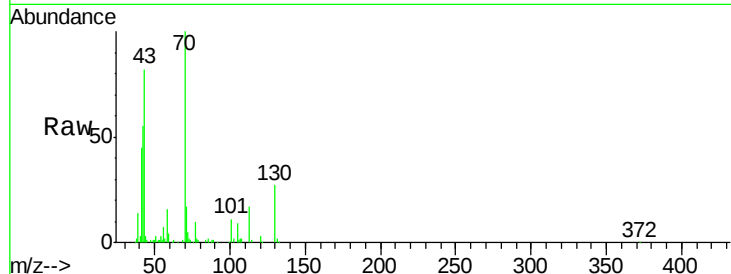
#19
n-Nitroso-di-n-propylamine
Concen: 50.291 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.6	49.1	73.7
101	11.4	8.5	12.7
130	27.4	13.4	20.0#

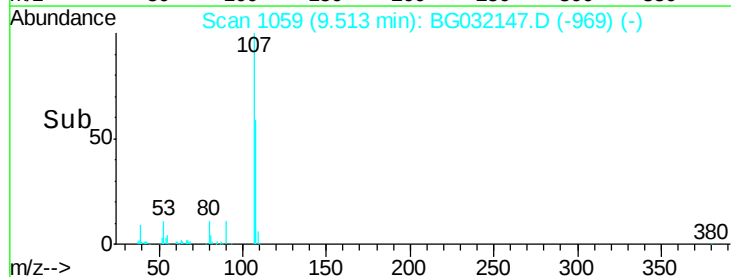
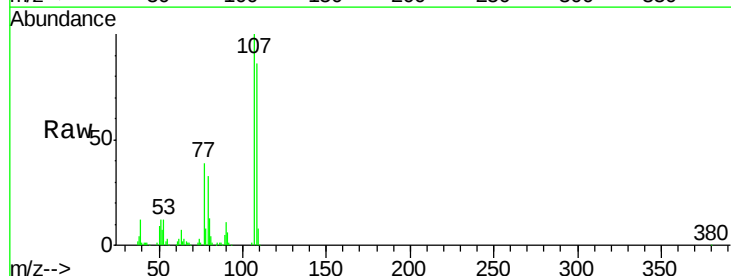
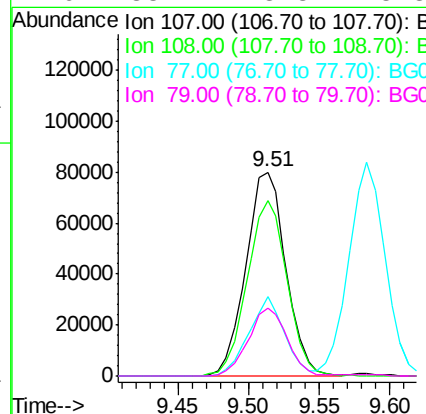
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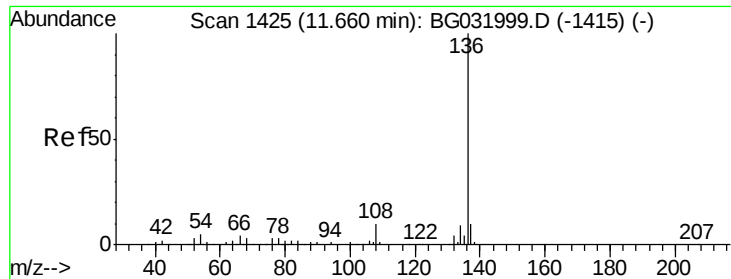
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#20
3+4-Methylphenols
Concen: 50.410 ng
RT: 9.51 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	61.6	101.6
77	38.8	13.9	53.9
79	33.1	8.8	48.8





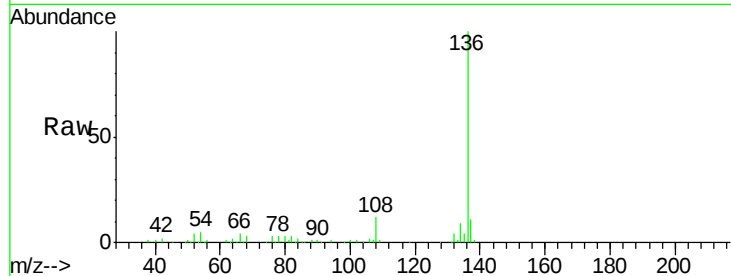
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

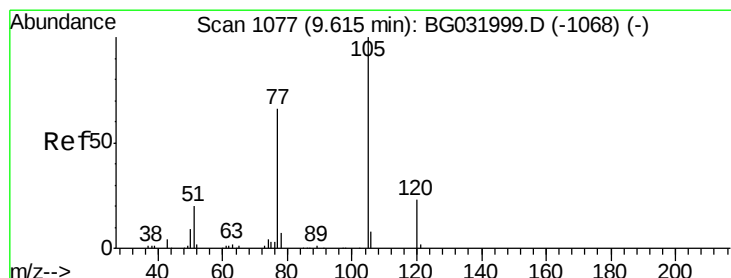
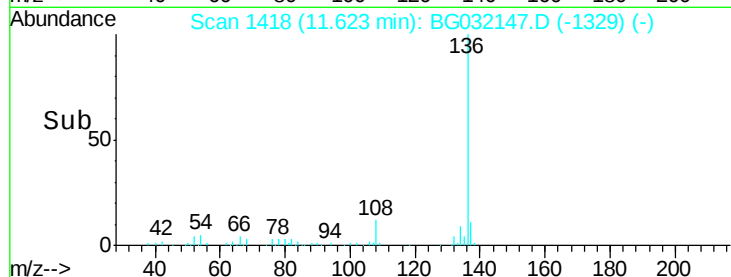
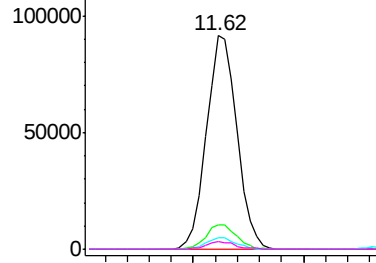
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	178142		
137	11.3	9.2	13.8	
54	5.1	10.3	15.5#	
68	3.4	4.5	6.7#	

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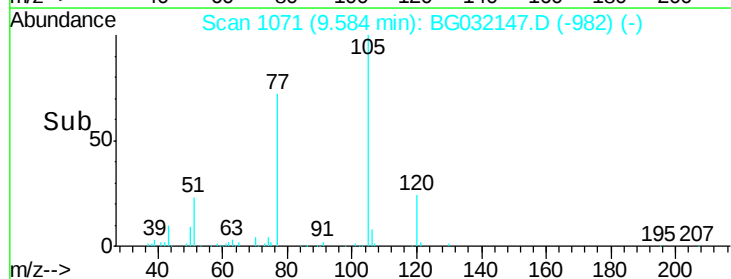
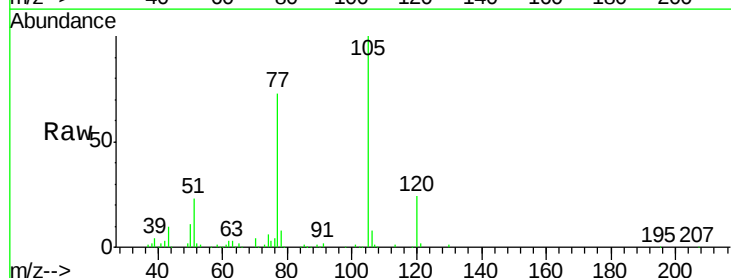
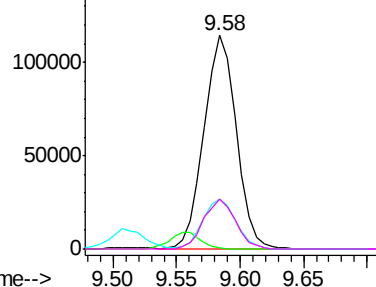
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

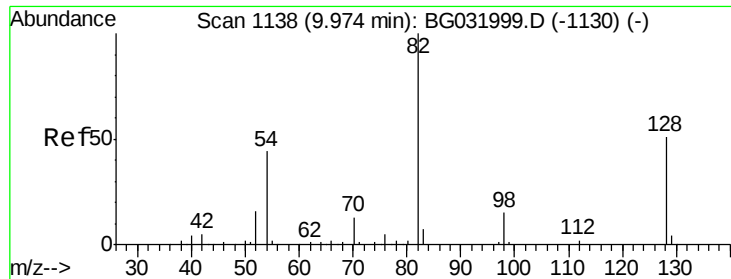


#22
Acetophenone
Concen: 50.000 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202324		
71	0.3	3.0	4.4#	
51	23.4	26.1	39.1#	
120	23.7	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





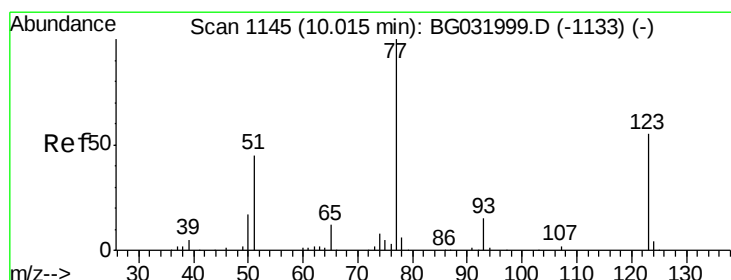
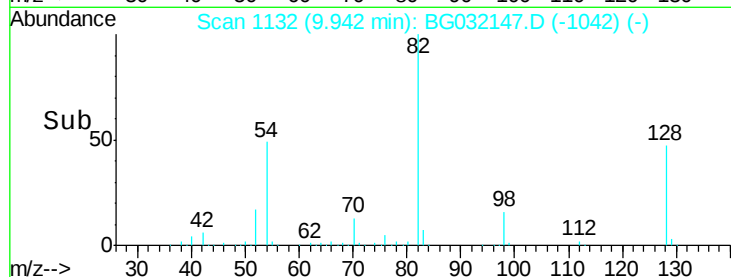
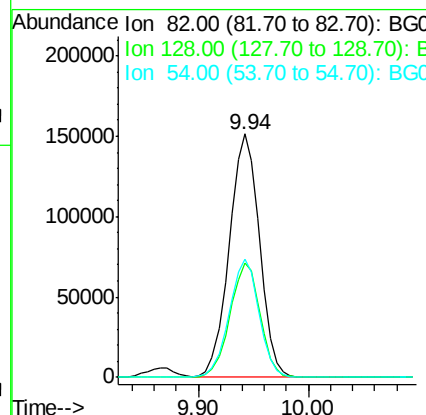
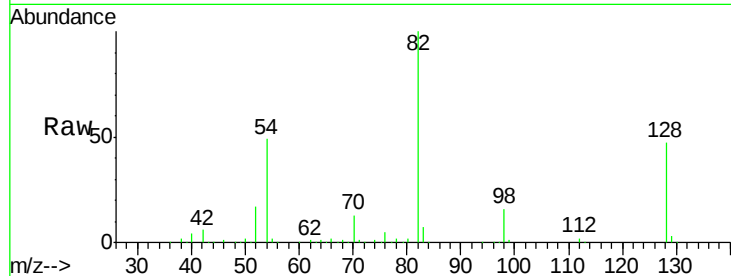
#23
 Nitrobenzene-d5
 Concen: 110.331 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	290516		
128	47.1	29.7	44.5#	
54	48.5	43.1	64.7	

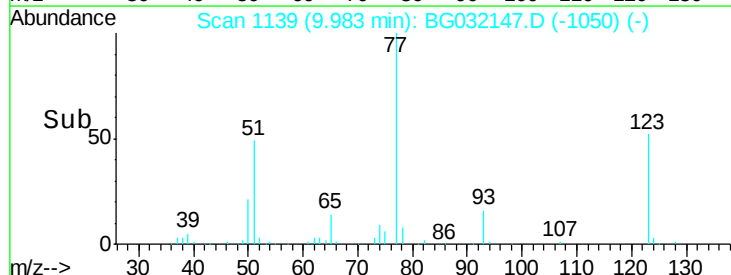
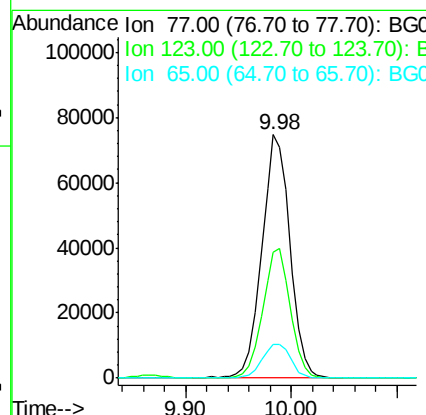
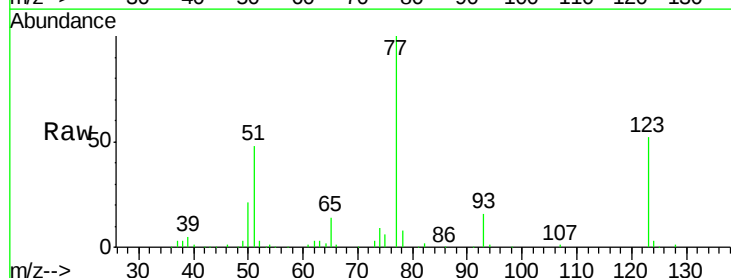
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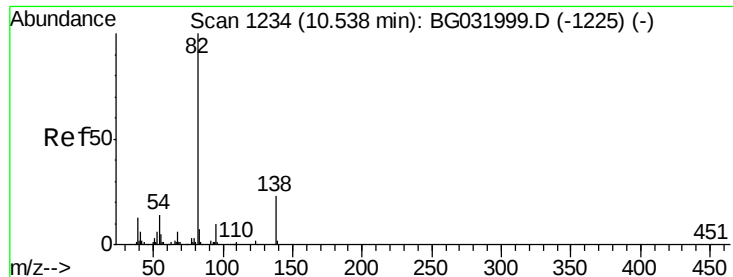
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#24
 Nitrobenzene
 Concen: 52.625 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	138219		
123	51.6	33.0	49.6#	
65	13.7	13.0	19.6	





#25

Isophorone

Concen: 55.008 ng

RT: 10.51 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

Tgt Ion: 82 Resp: 269705

Ion Ratio Lower Upper

82 100

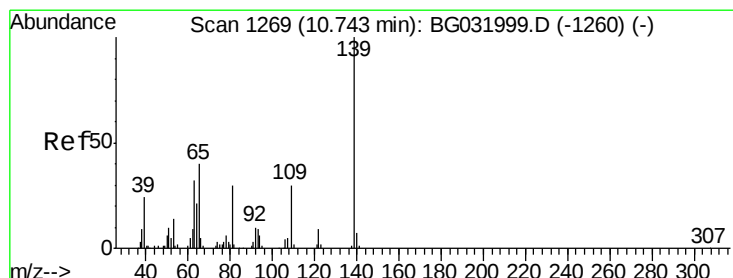
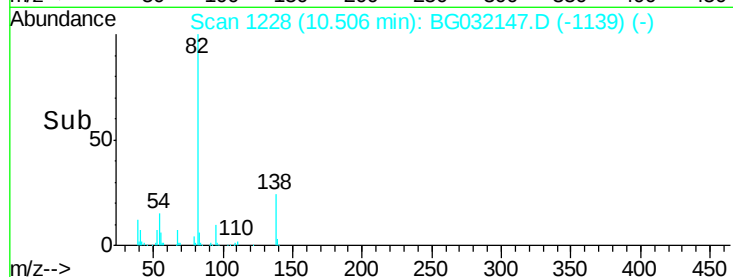
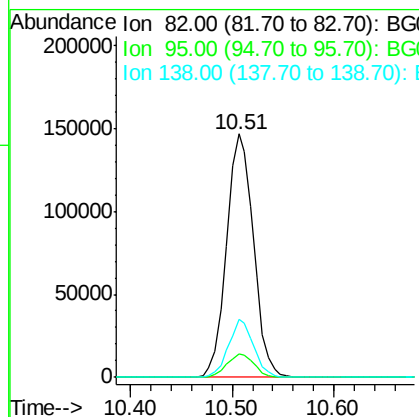
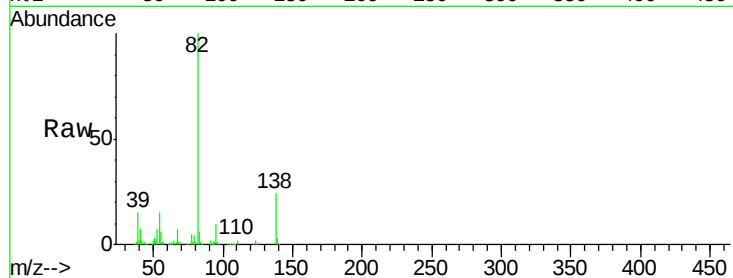
95 9.9 6.2 9.2#

138 23.7 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.448 ng

RT: 10.71 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

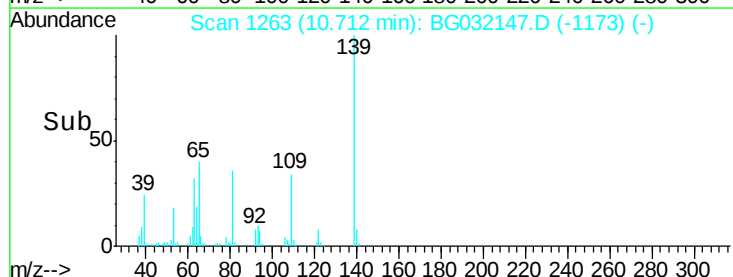
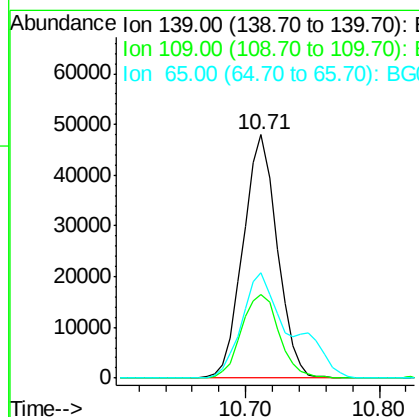
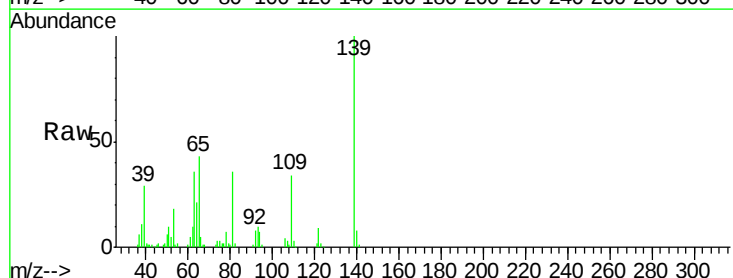
Tgt Ion: 139 Resp: 84736

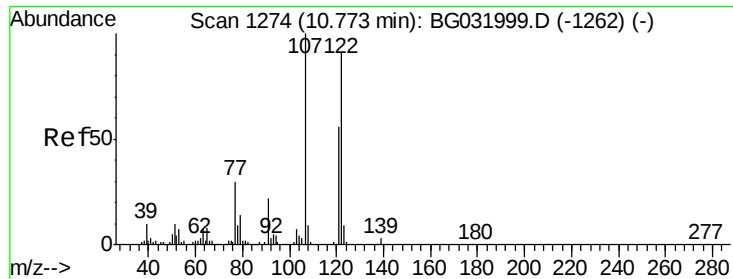
Ion Ratio Lower Upper

139 100

109 34.4 24.2 36.2

65 43.2 47.4 71.0#





#27
 2,4-Dimethylphenol
 Concen: 57.708 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

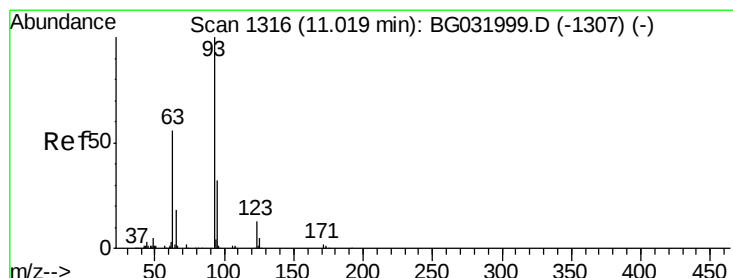
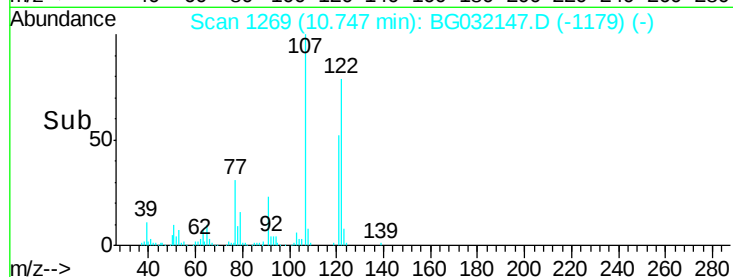
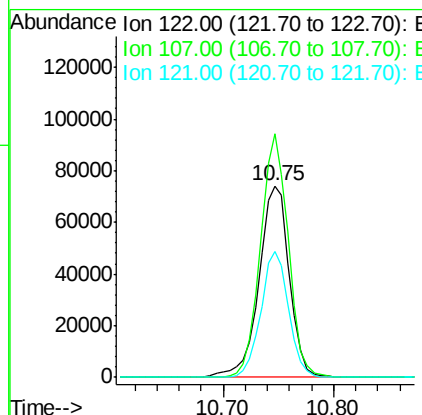
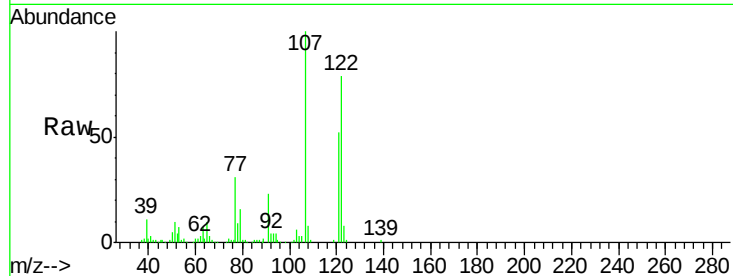
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.0	100.2	150.2
121	65.9	44.4	66.6

Manual Integrations
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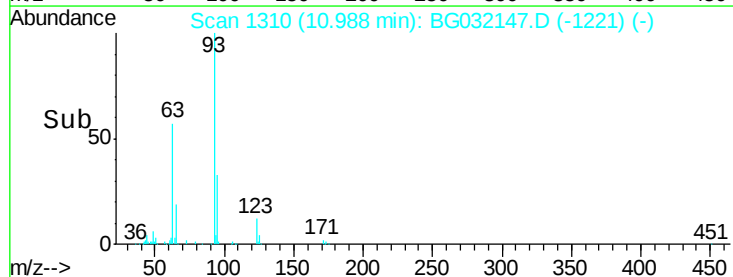
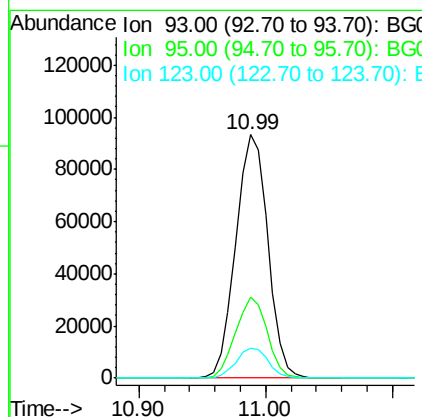
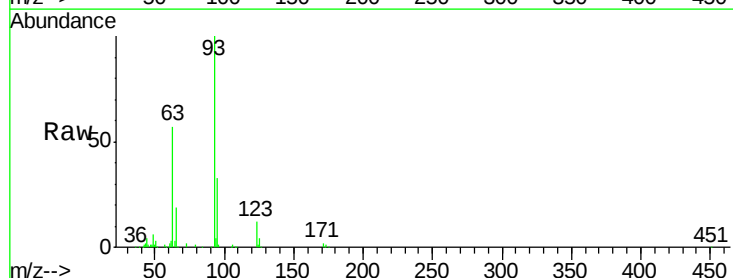
Sohil

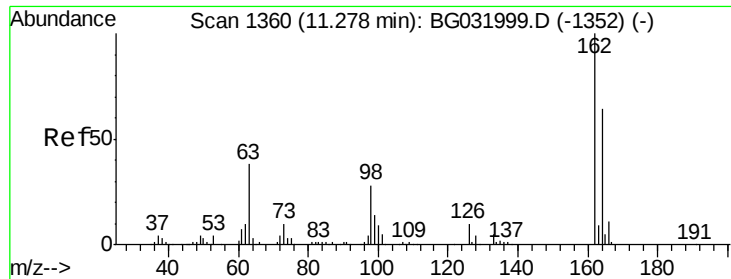
1/19/2018 9:48:31 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.215 ng
 RT: 10.99 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	12.4	8.4	12.6





#29
2,4-Dichlorophenol
Concen: 59.344 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

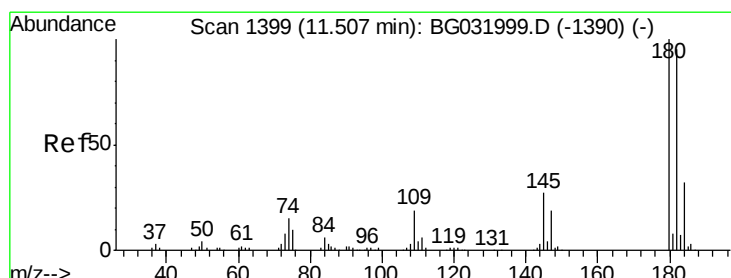
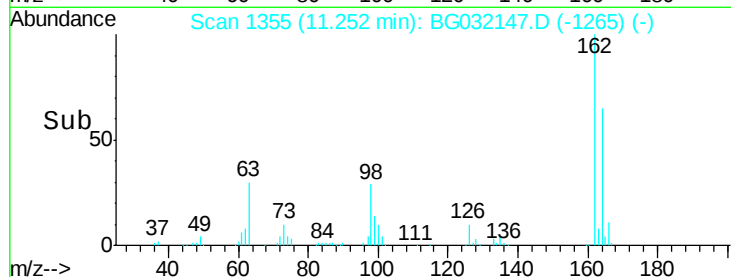
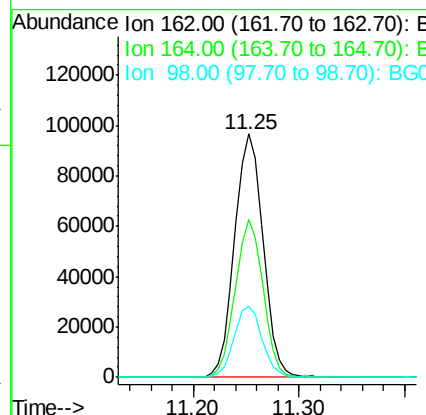
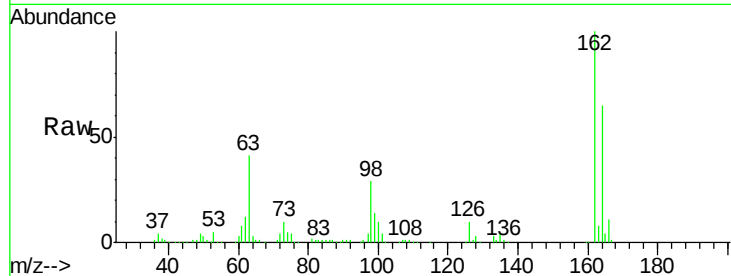
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	180336		
164	65.0	48.0	88.0	
98	29.1	21.1	61.1	

Manual Integrations
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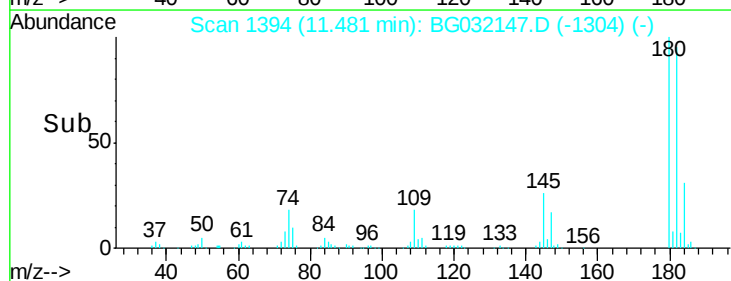
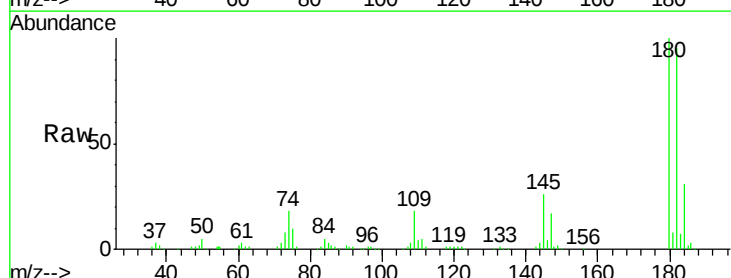
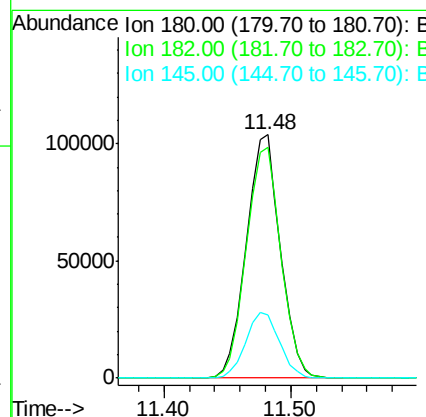
Sohil

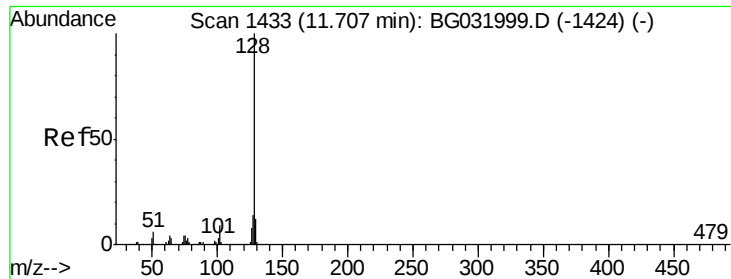
1/19/2018 9:48:31 AM



#30
1,2,4-Trichlorobenzene
Concen: 49.288 ng
RT: 11.48 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193433		
182	94.7	77.5	116.3	
145	26.1	23.4	35.2	





#31
Naphthalene
Concen: 48.540 ng
RT: 11.68 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

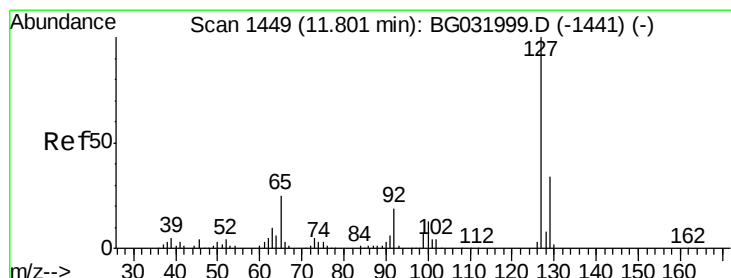
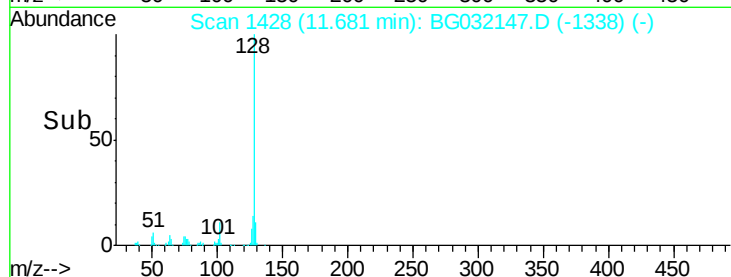
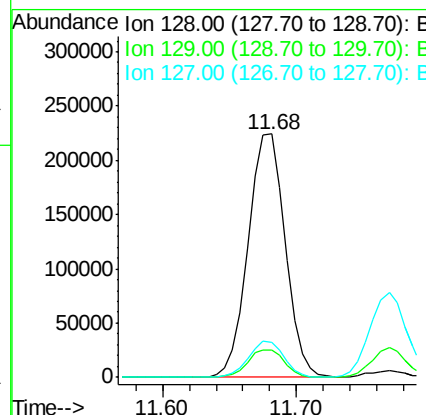
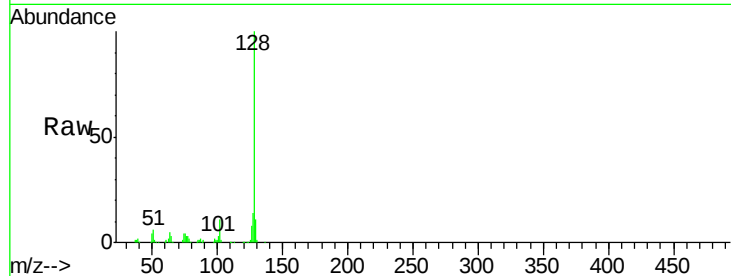
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.2	11.6	17.4

Manual Integrations
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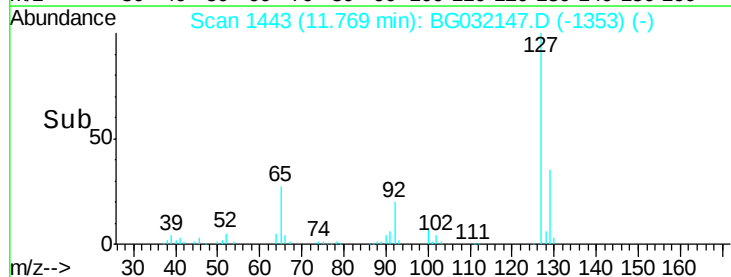
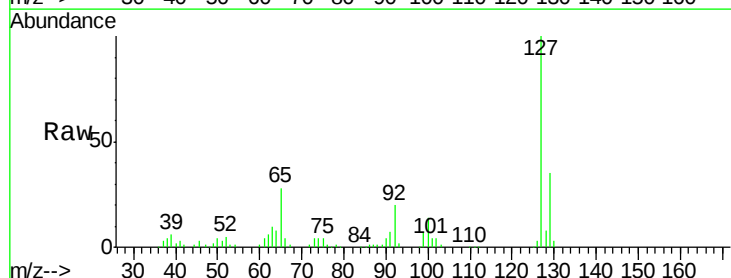
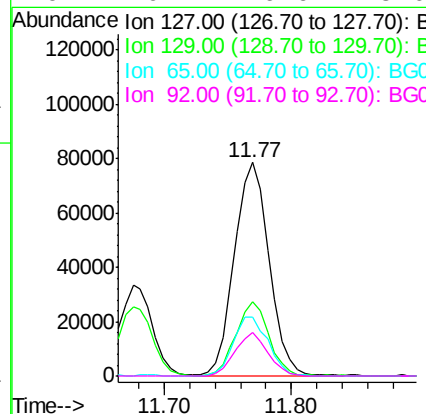
Sohil

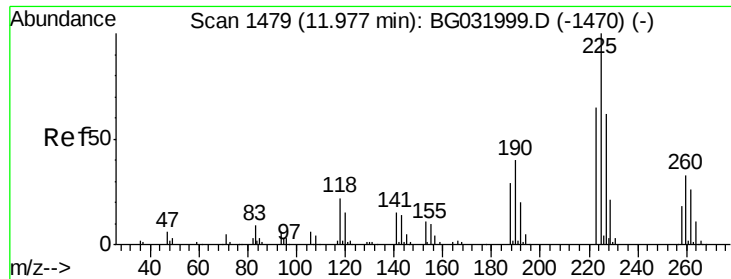
1/19/2018 9:48:31 AM



#33
4-Chloroaniline
Concen: 39.232 ng
RT: 11.77 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.5	24.0	36.0
65	27.6	27.0	40.4
92	20.2	16.6	25.0





#34
Hexachlorobutadiene
Concen: 49.396 ng
RT: 11.95 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

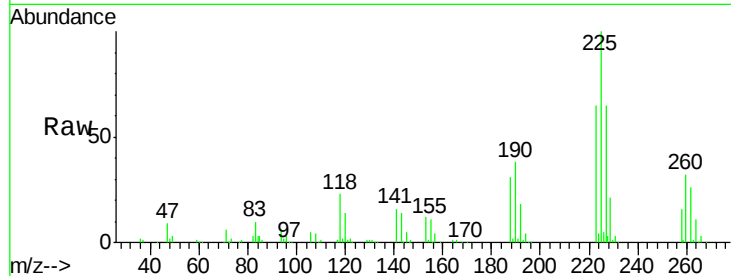
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion: 225 Resp: 139238
Ion Ratio Lower Upper
225 100
223 65.4 49.7 74.5
227 65.2 48.1 72.1

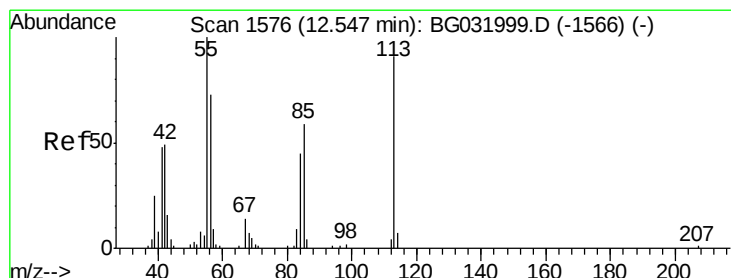
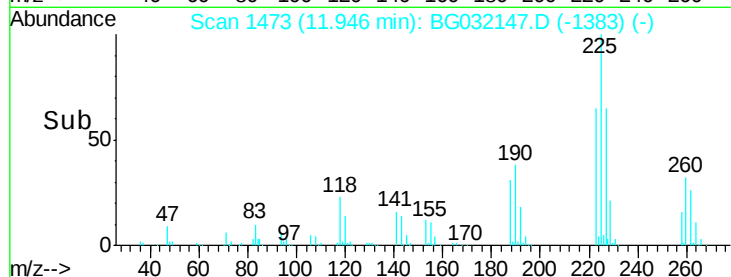
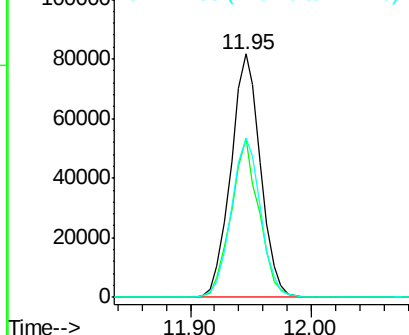
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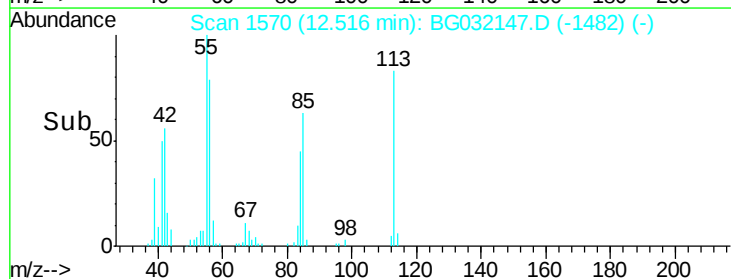
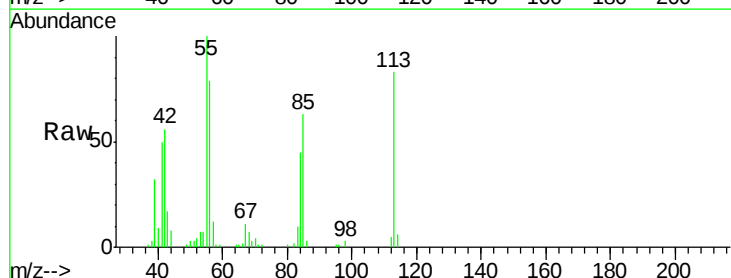
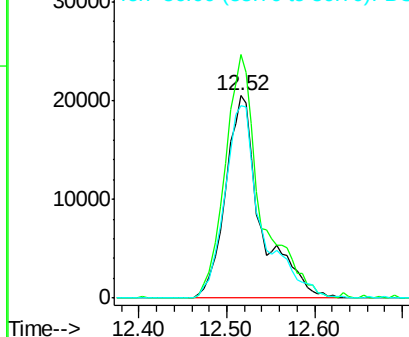
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Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

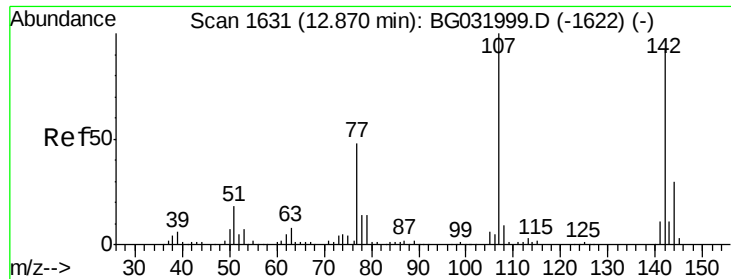


#35
Caprolactam
Concen: 62.399 ng m
RT: 12.52 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion: 113 Resp: 57526
Ion Ratio Lower Upper
113 100
55 120.4 186.9 226.9#
56 95.4 130.9 170.9#

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG





#36
 4-Chloro-3-methylphenol
 Concen: 59.943 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

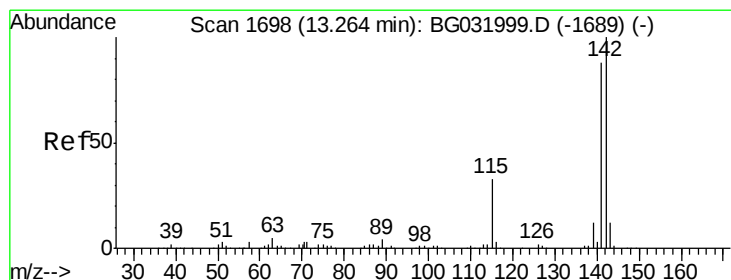
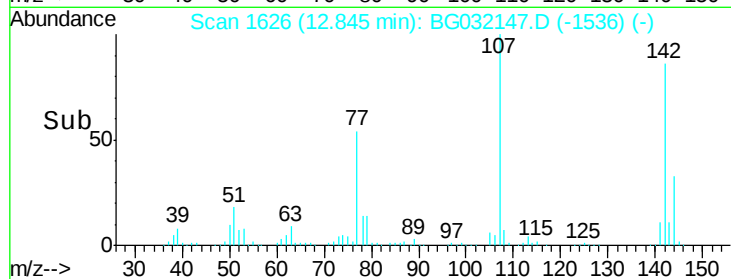
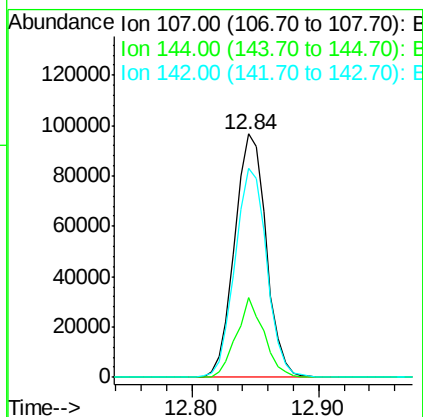
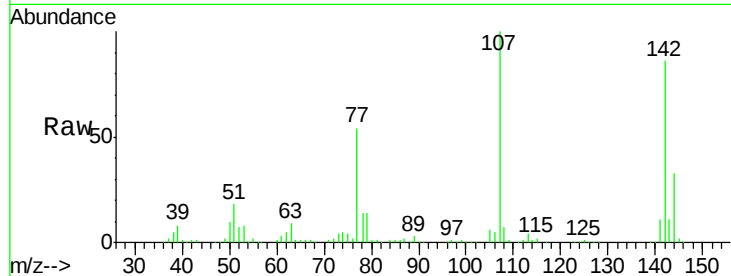
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion:107 Resp: 166731
 Ion Ratio Lower Upper
 107 100
 144 32.6 18.2 27.4#
 142 85.8 59.0 88.4

Manual Integrations
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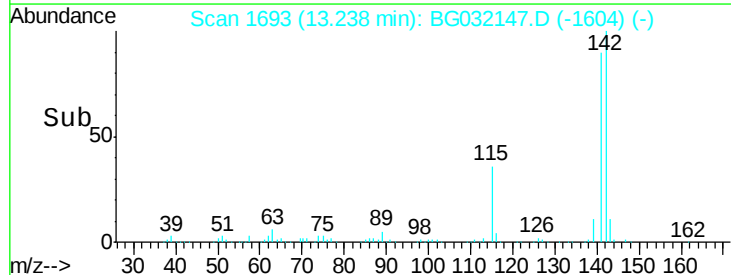
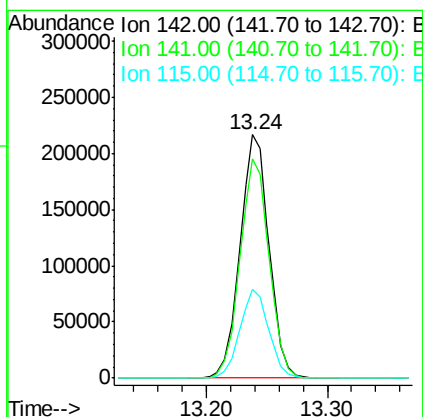
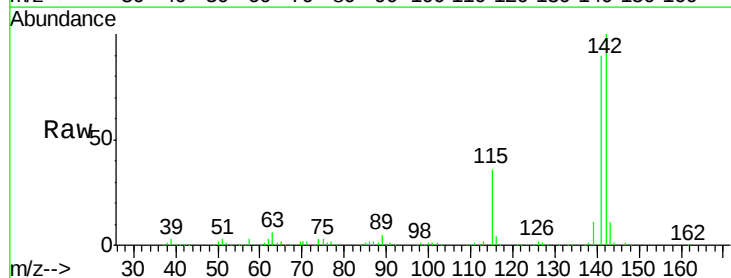
Sohil

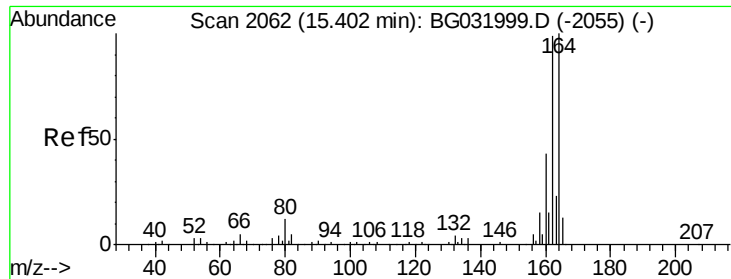
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#37
 2-Methylnaphthalene
 Concen: 51.483 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:142 Resp: 360695
 Ion Ratio Lower Upper
 142 100
 141 89.9 67.1 100.7
 115 36.3 30.7 46.1





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

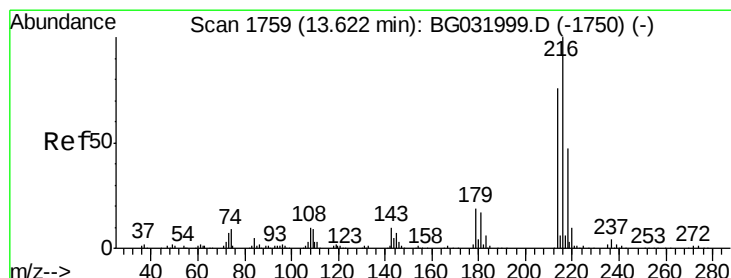
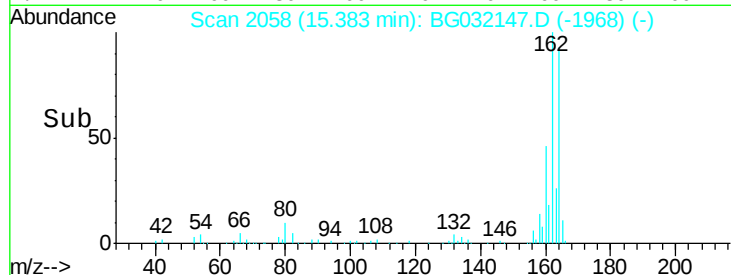
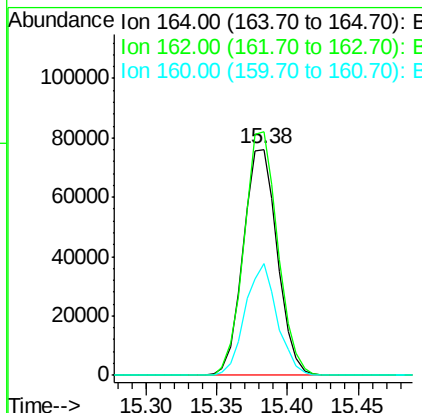
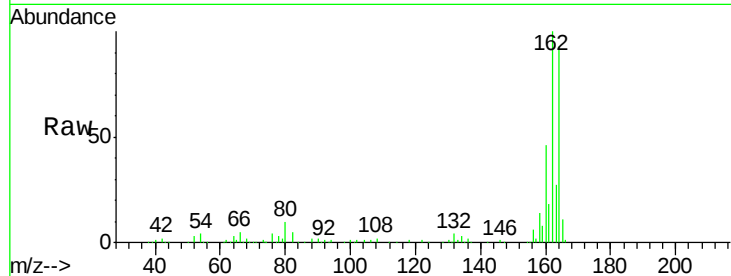
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	78.8	118.2
160	49.6	35.4	53.0

Manual Integrations
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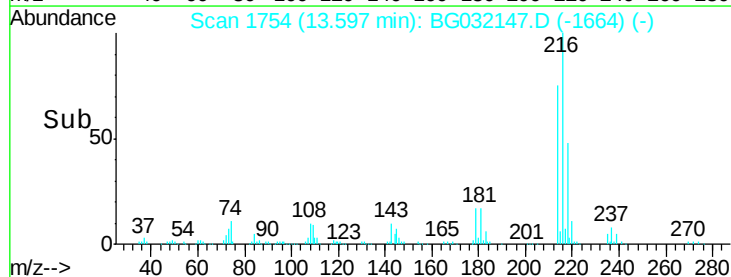
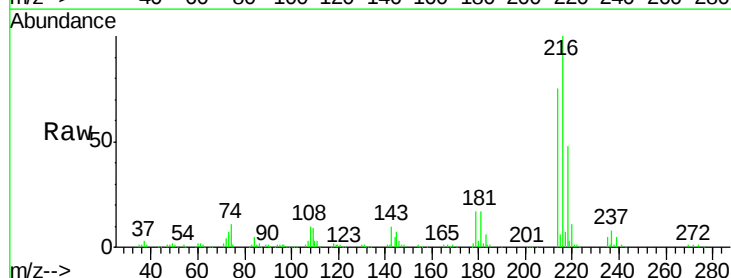
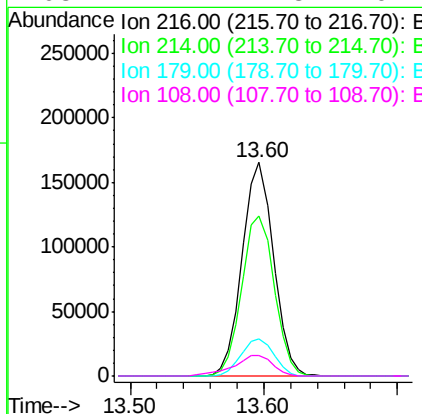
Sohil

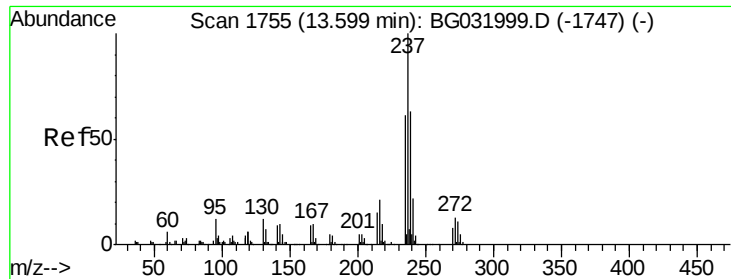
1/19/2018 9:48:31 AM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.934 ng
RT: 13.60 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	18.2	17.0	25.6
108	12.1	12.8	19.2#





#40
Hexachlorocyclopentadiene
Concen: 101.968 ng
RT: 13.57 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

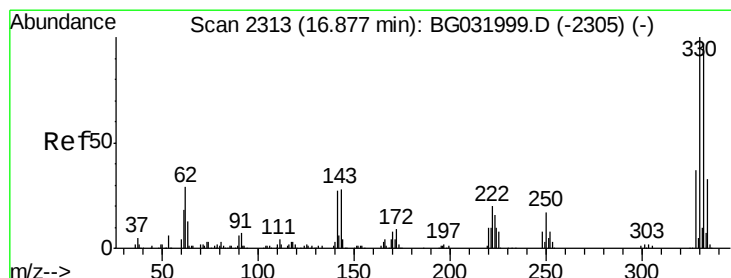
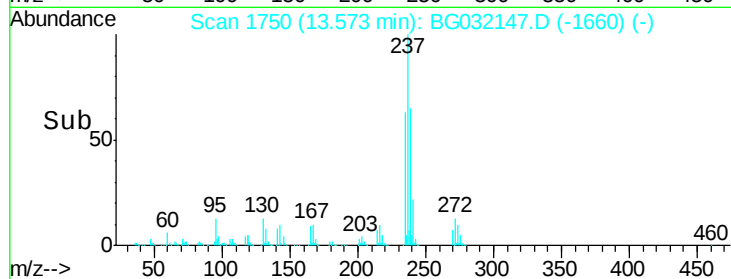
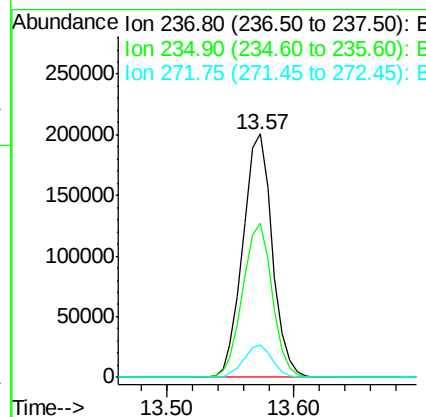
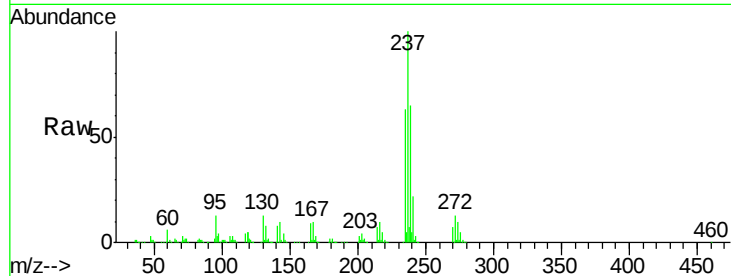
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.2	50.4	90.4
272	13.3	0.0	31.8

Manual Integrations
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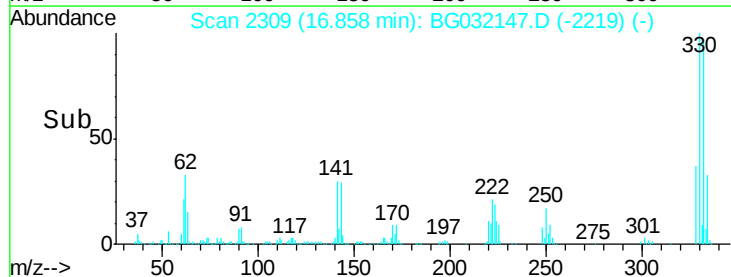
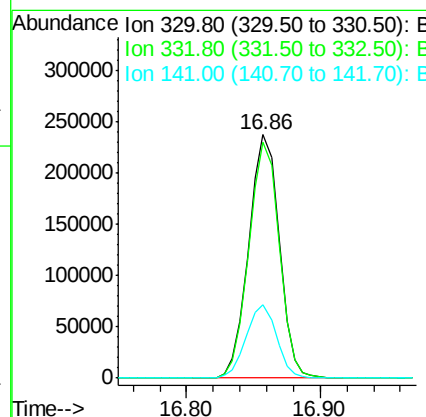
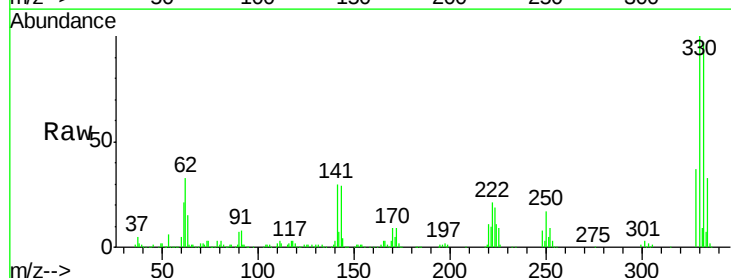
Sohil

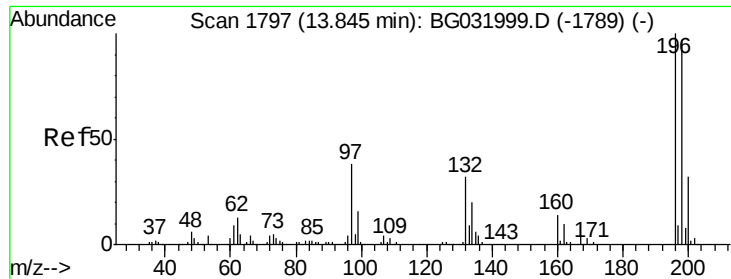
1/19/2018 9:48:31 AM



#41
2,4,6-Tribromophenol
Concen: 174.743 ng
RT: 16.86 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	77.0	115.6
141	30.1	25.2	37.8





#42

2,4,6-Trichlorophenol

Concen: 55.085 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

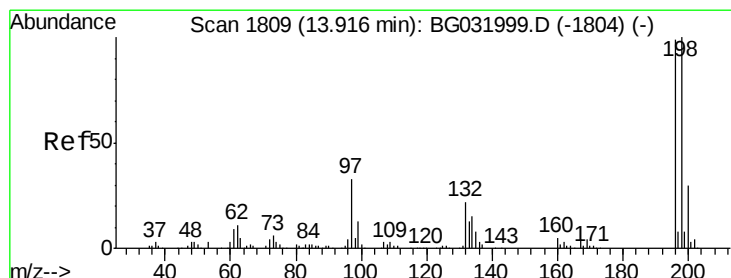
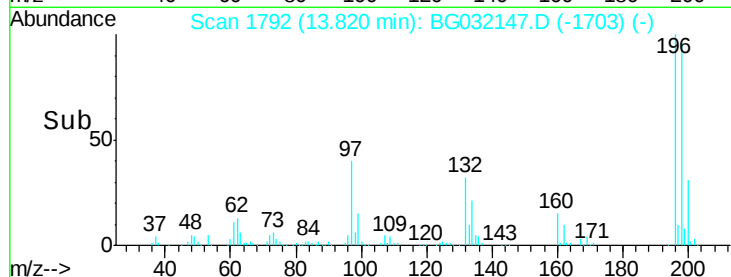
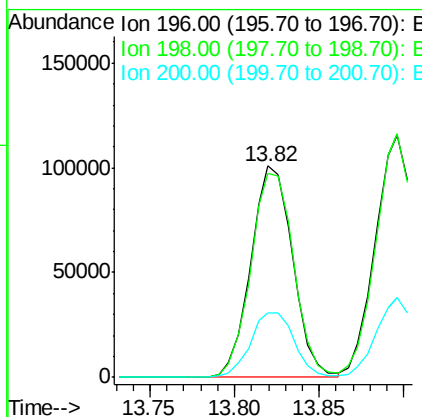
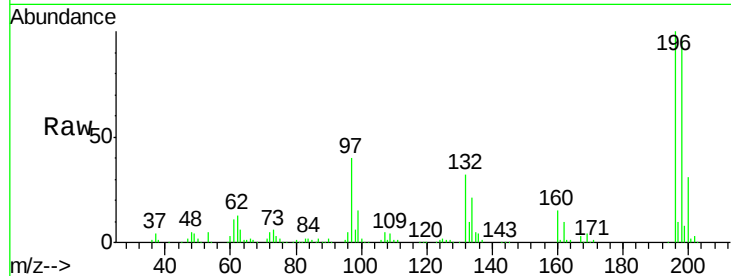
EPE-106-4A(34-36)MSD

Tgt Ion:	196	Resp:	174037
Ion Ratio	Lower	Upper	
196	100		
198	96.4	78.2	117.2
200	30.6	24.6	36.8

Manual Integrations
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Sohil

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#43

2,4,5-Trichlorophenol

Concen: 52.132 ng

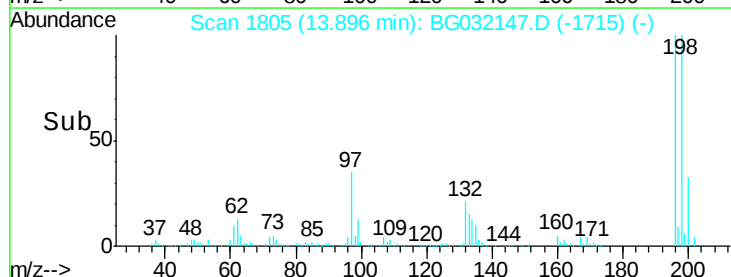
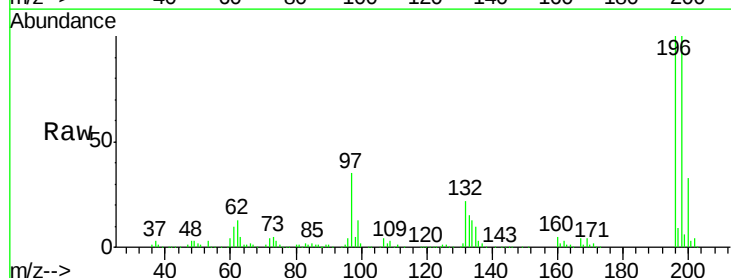
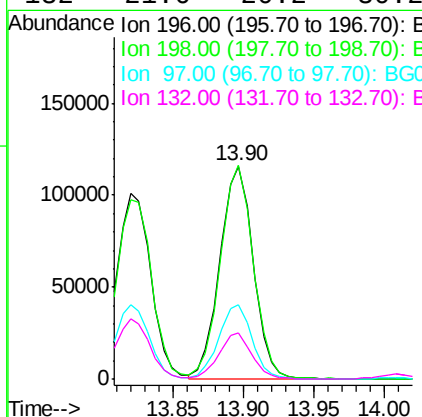
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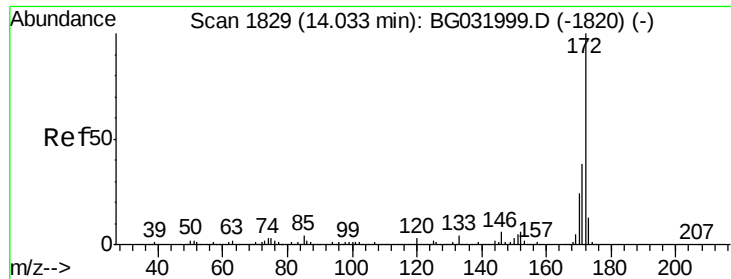
Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:	196	Resp:	190648
Ion Ratio	Lower	Upper	
196	100		
198	100.2	76.2	114.4
97	35.1	38.7	58.1#
132	21.6	20.2	30.2





#44
 2-Fluorobiphenyl
 Concen: 88.762 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

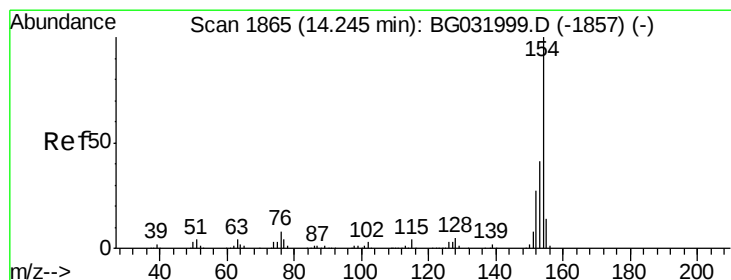
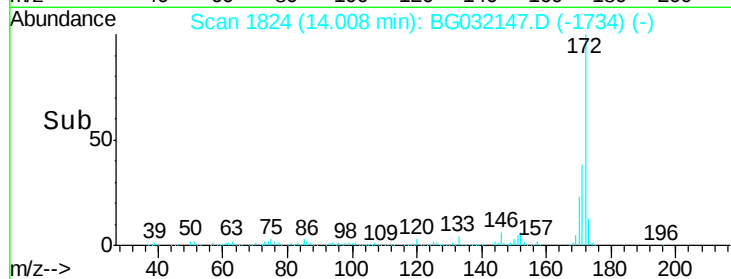
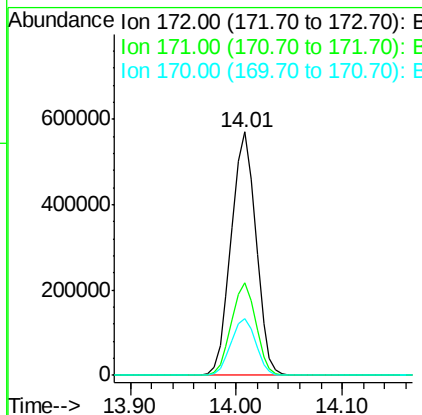
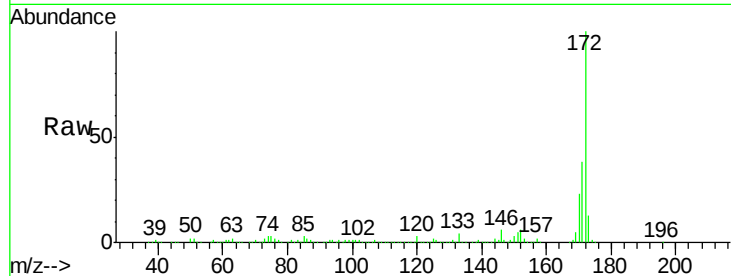
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.5	19.5	29.3

Manual Integrations
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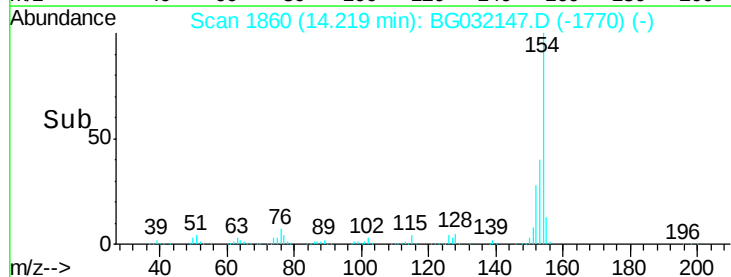
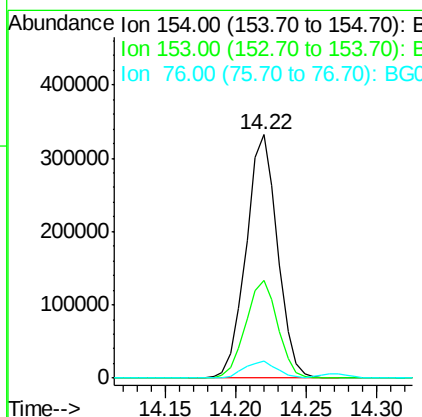
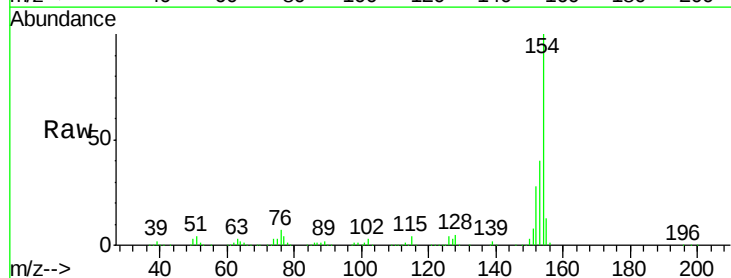
Sohil

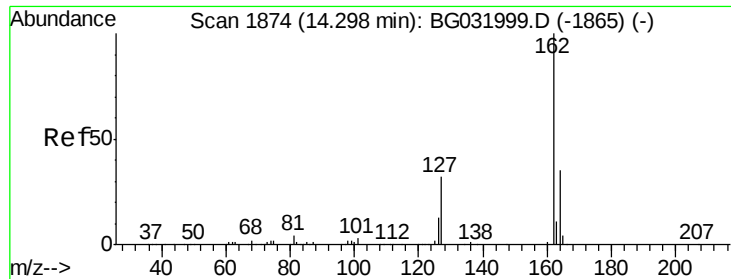
1/19/2018 9:48:31 AM



#45
 1,1'-Biphenyl
 Concen: 46.816 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.8	59.8
76	7.0	0.0	31.9





#46
2-Chloronaphthalene
Concen: 47.163 ng
RT: 14.27 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

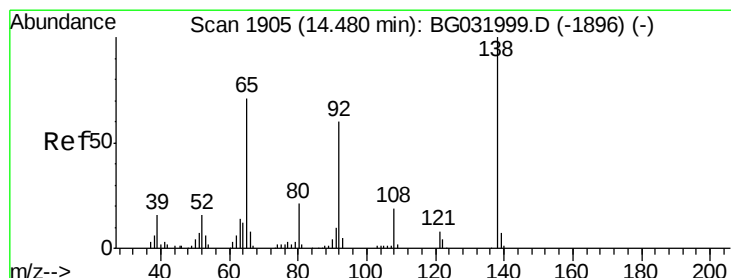
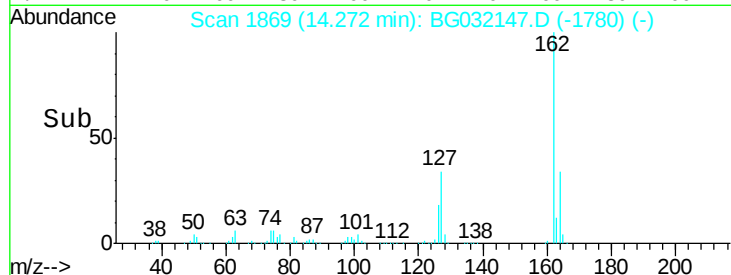
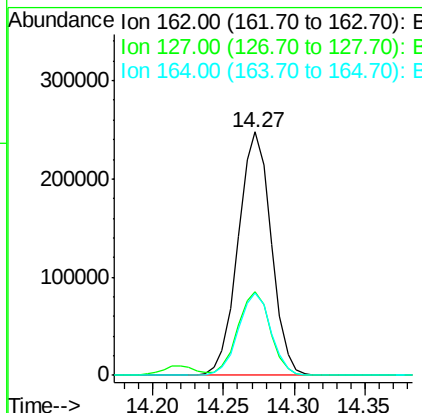
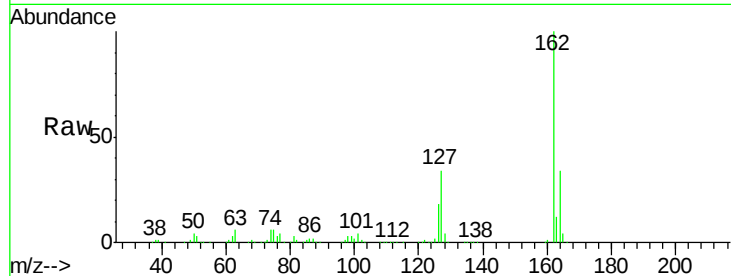
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.1	30.7	46.1
164	33.7	26.0	39.0

Manual Integrations
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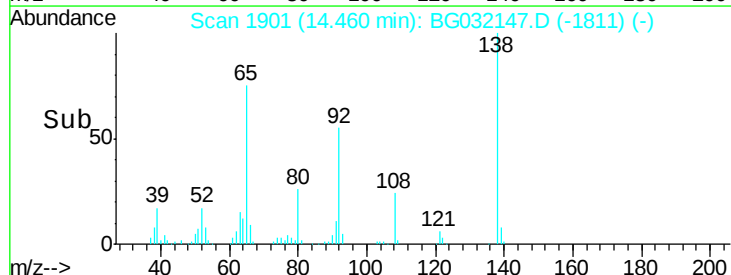
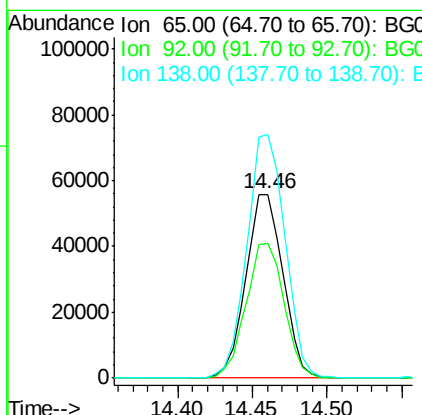
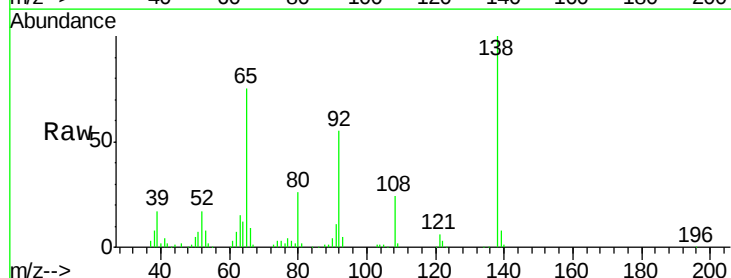
Sohil

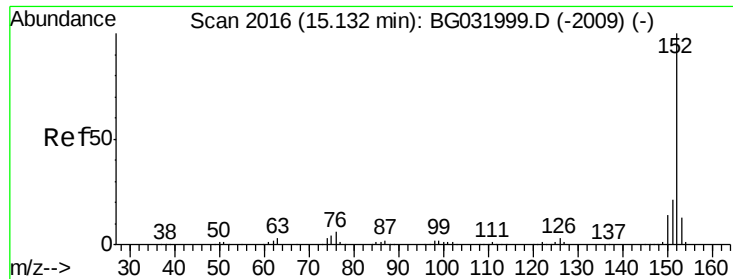
1/19/2018 9:48:31 AM



#47
2-Nitroaniline
Concen: 58.273 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	54.6	82.0
138	132.7	72.9	109.3





#48

Acenaphthylene

Concen: 46.699 ng

RT: 15.11 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG032147.D

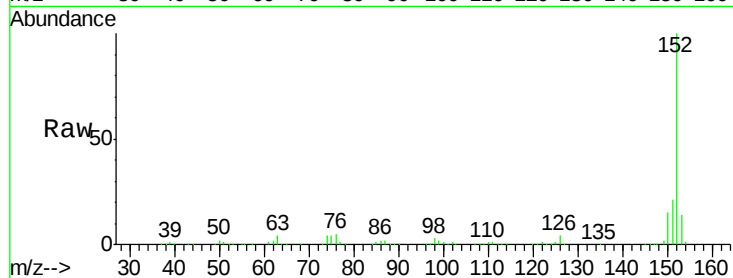
Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

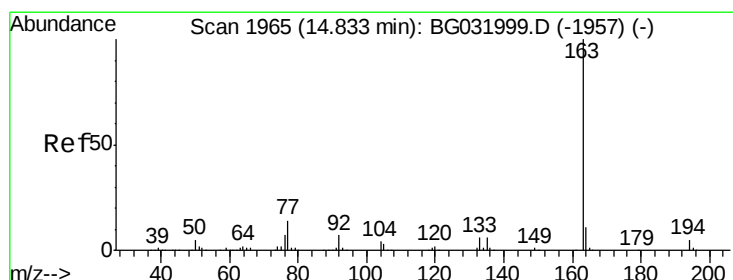
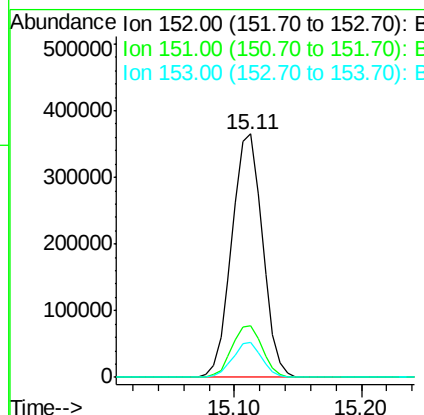
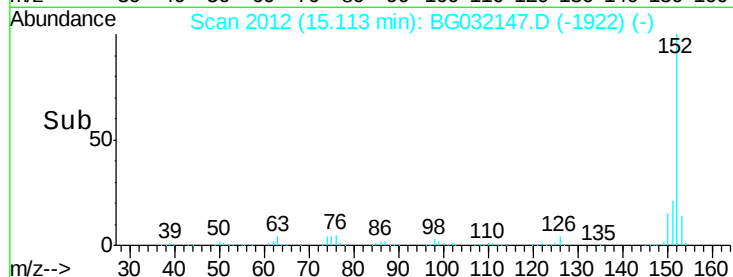


Tgt Ion:	152	Resp:	611772
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	14.4	10.2	15.4

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#49

Dimethylphthalate

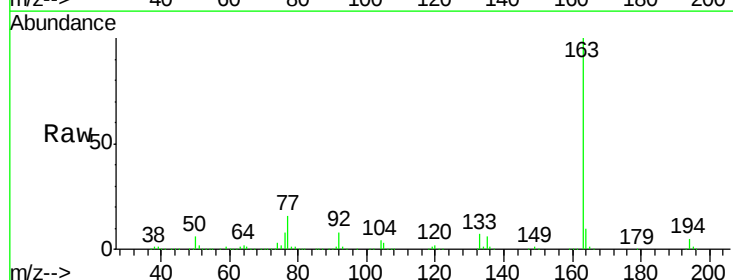
Concen: 60.593 ng

RT: 14.81 min Scan# 1961

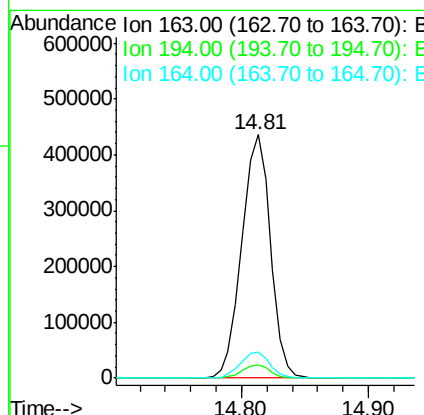
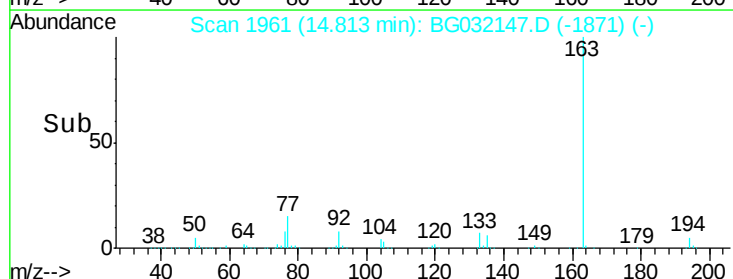
Delta R.T. 0.00 min

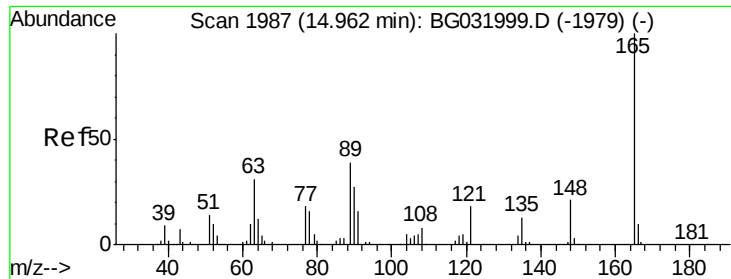
Lab File: BG032147.D

Acq: 18 Jan 2018 22:02



Tgt Ion:	163	Resp:	683983
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.4	5.2#
164	10.5	8.2	12.4





#50
2,6-Dinitrotoluene
Concen: 55.961 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

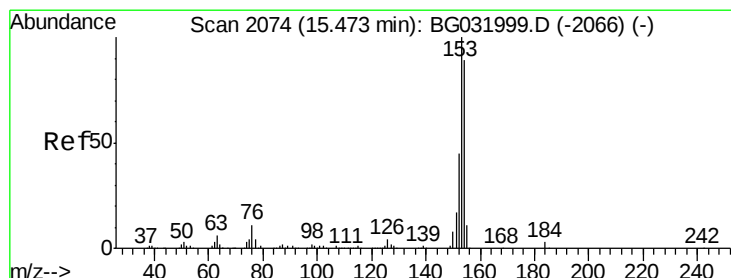
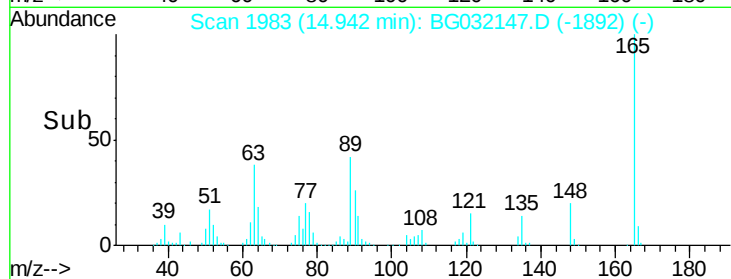
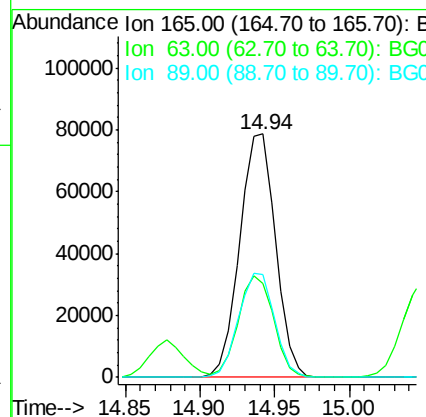
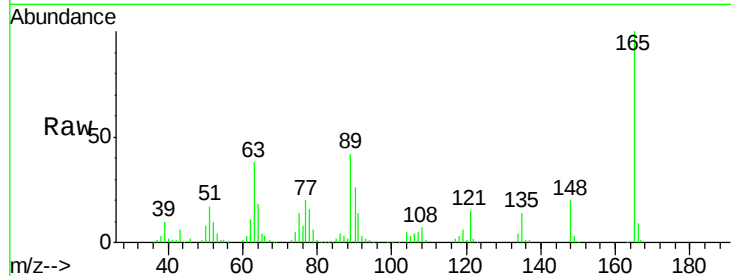
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131118		
63	38.5	52.7	79.1#	
89	42.0	49.2	73.8#	

Manual Integrations
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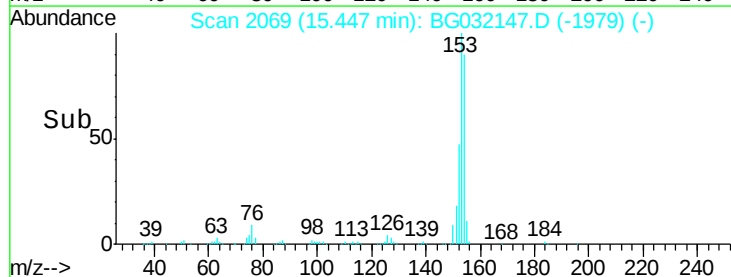
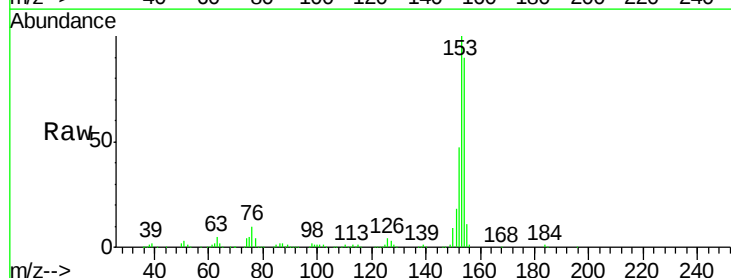
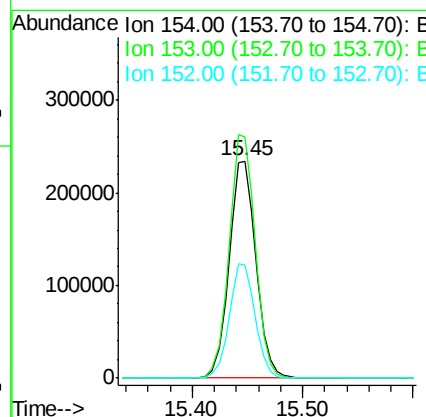
Sohil

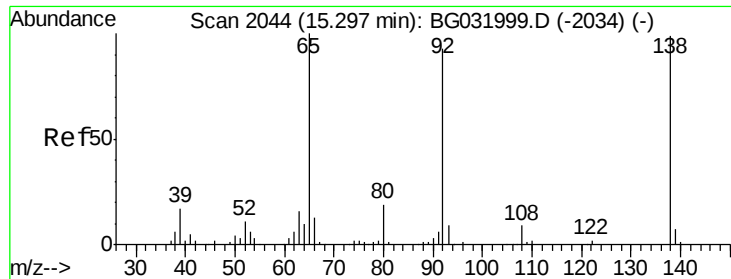
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#51
Acenaphthene
Concen: 45.816 ng
RT: 15.45 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	396883		
153	110.9	90.4	135.6	
152	52.0	41.6	62.4	





#52
 3-Nitroaniline
 Concen: 45.527 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

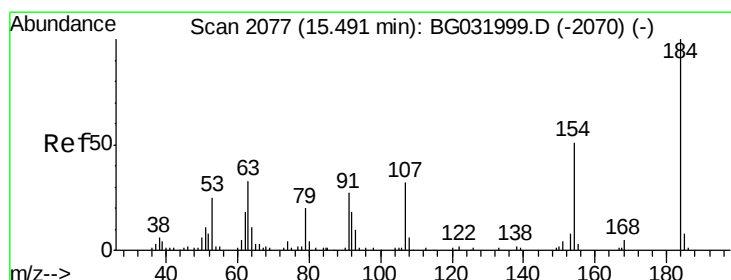
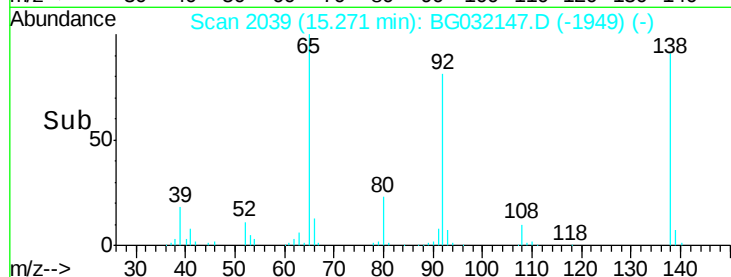
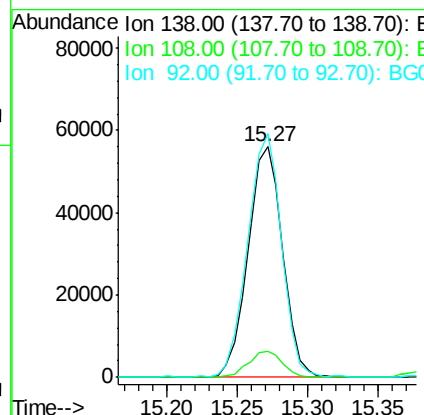
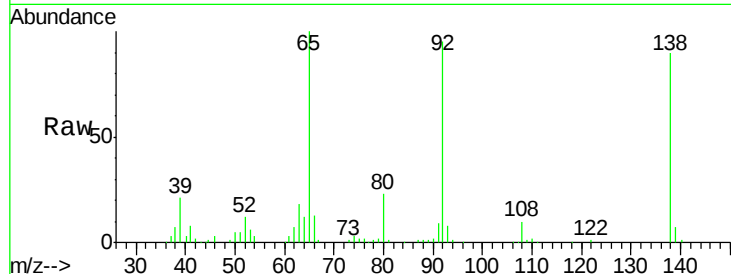
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion:138 Resp: 96344
 Ion Ratio Lower Upper
 138 100
 108 11.1 17.5 26.3#
 92 105.7 105.8 158.8#

Manual Integrations
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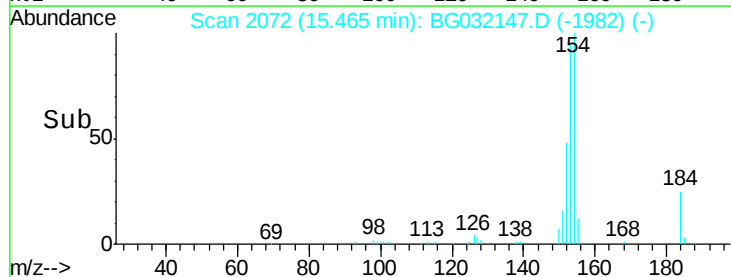
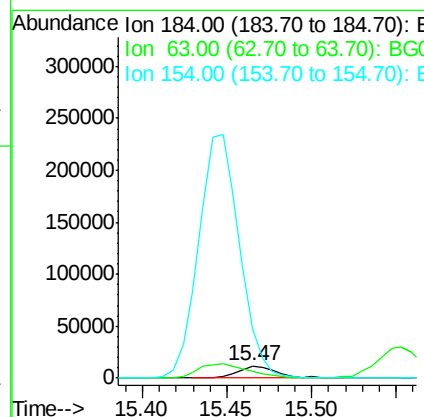
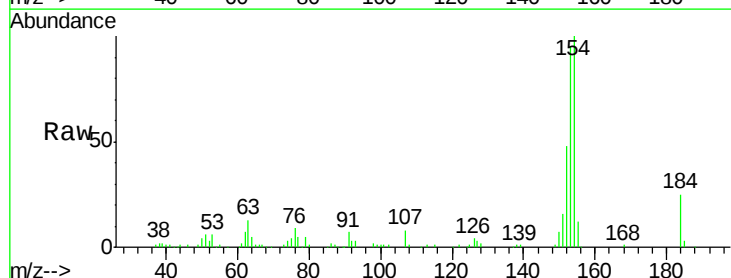
Sohil

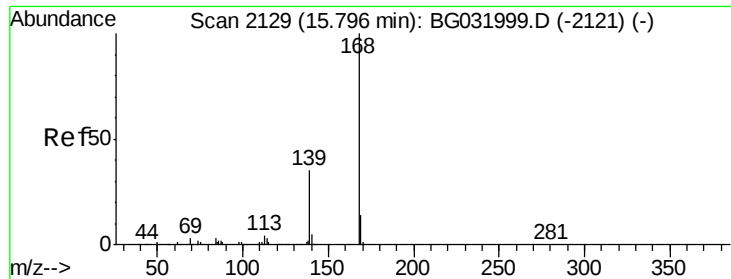
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#53
 2,4-Dinitrophenol
 Concen: 21.666 ng
 RT: 15.47 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:184 Resp: 18928
 Ion Ratio Lower Upper
 184 100
 63 50.8 59.8 89.8#
 154 396.8 101.8 152.8#





#54
Dibenzenofuran
Concen: 50.205 ng
RT: 15.78 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

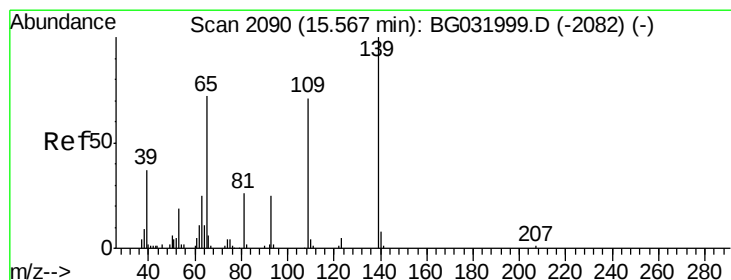
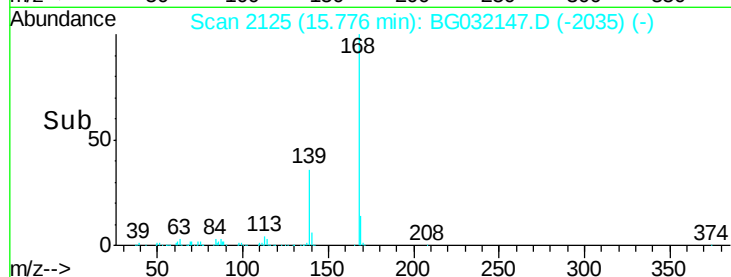
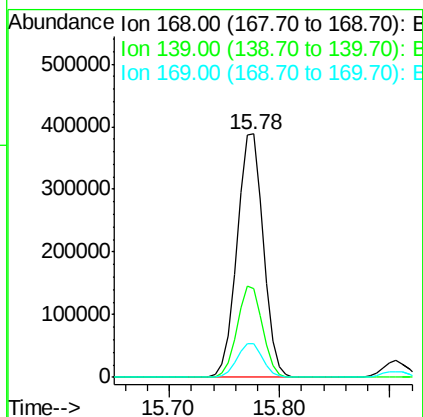
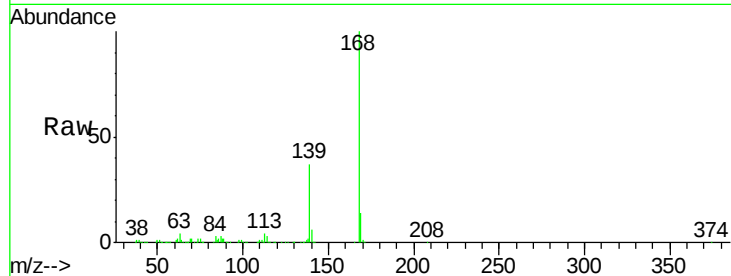
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	648761		
139	36.6		28.6	43.0
169	14.0		11.2	16.8

Manual Integrations
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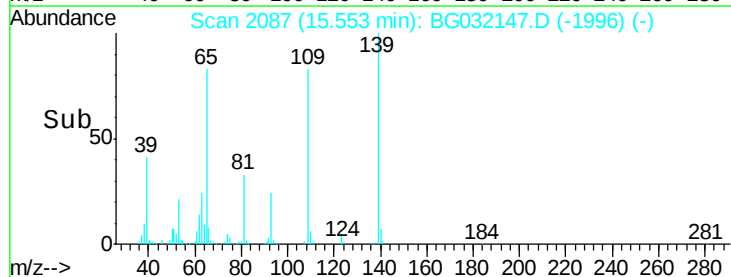
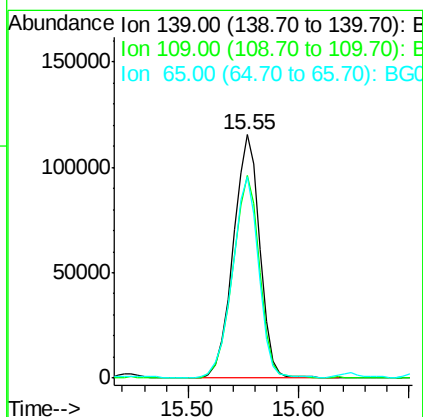
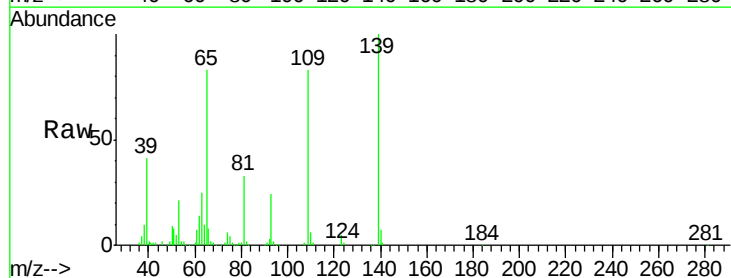
Sohil

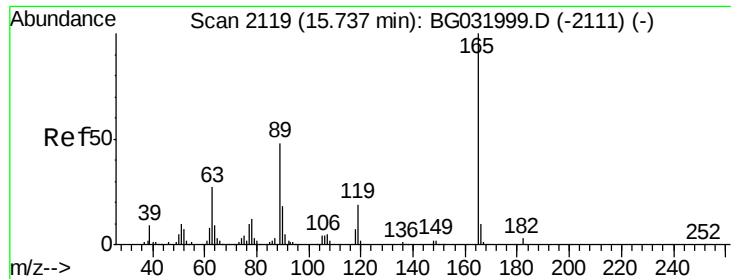
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#55
4-Nitrophenol
Concen: 126.390 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194921		
109	83.3		62.2	102.2
65	82.8		97.2	137.2#





#56

2,4-Dinitrotoluene

Concen: 59.339 ng

RT: 15.72 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

Tgt Ion:165 Resp: 187185
Ion Ratio Lower Upper

165 100

63 29.8 42.0 63.0#

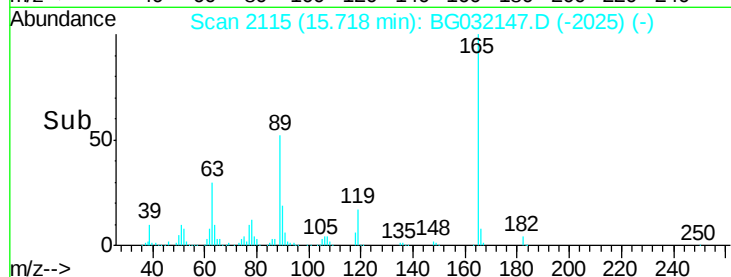
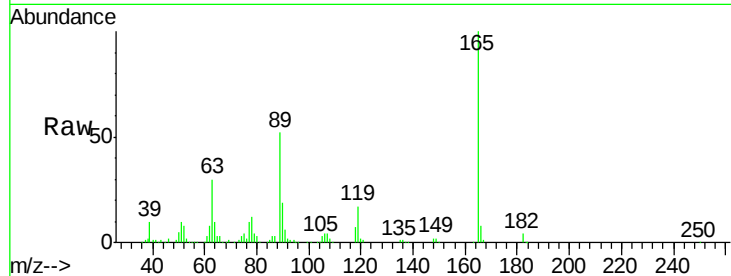
89 51.8 66.9 100.3#

182 3.7 2.6 3.8

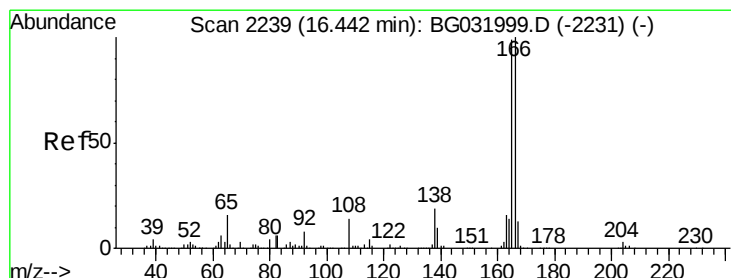
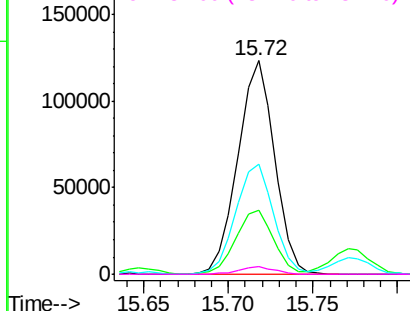
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 50.089 ng

RT: 16.42 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BG032147.D

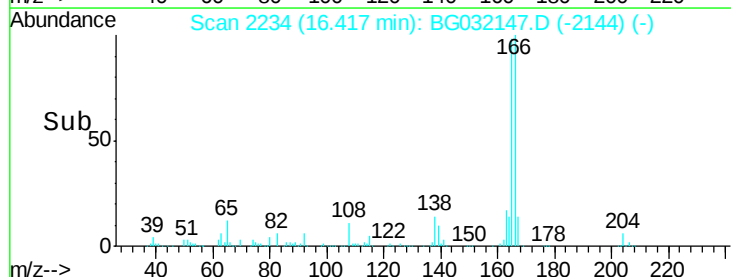
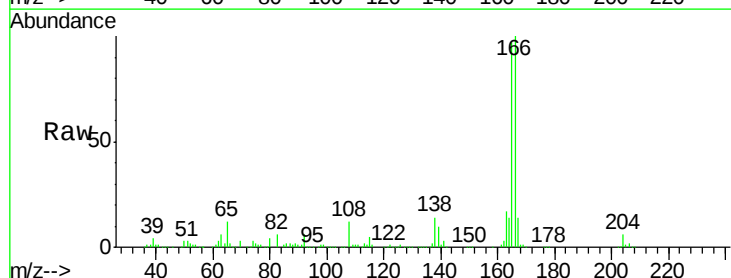
Acq: 18 Jan 2018 22:02

Tgt Ion:166 Resp: 530853
Ion Ratio Lower Upper

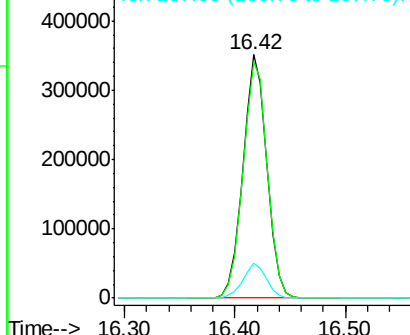
166 100

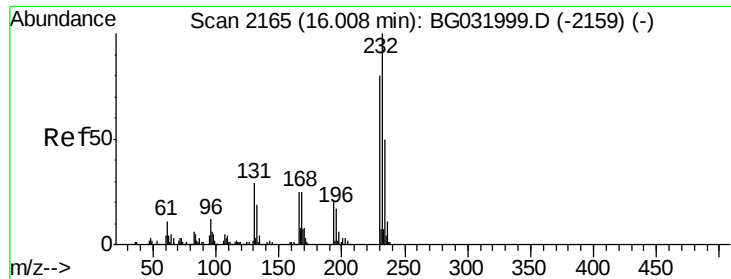
165 96.7 80.6 121.0

167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





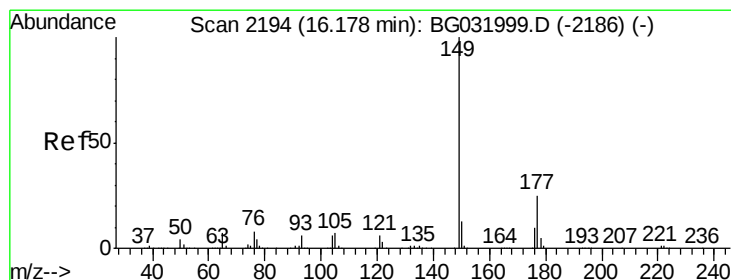
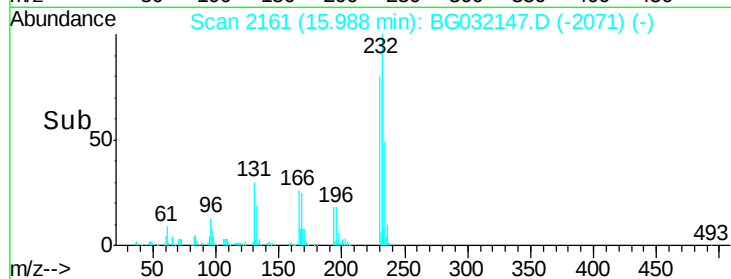
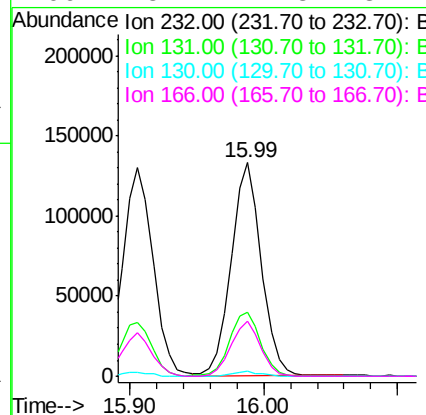
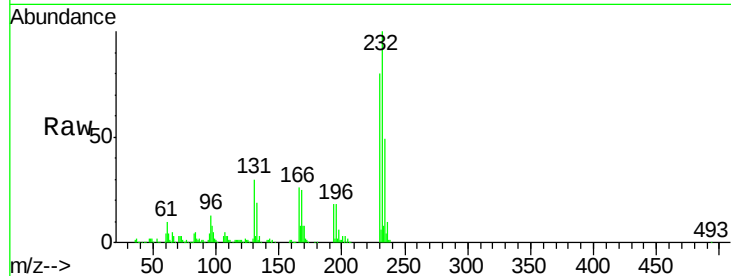
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.929 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.5	33.5	50.3#
130	2.1	2.2	3.2#
166	25.4	24.8	37.2

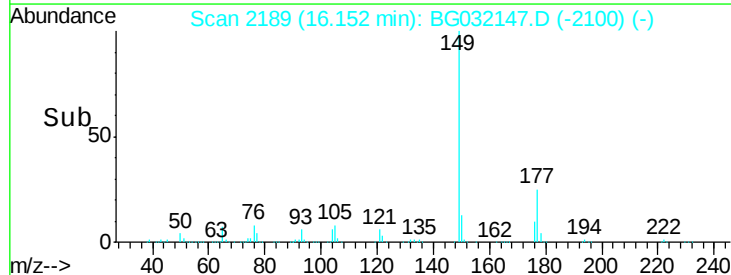
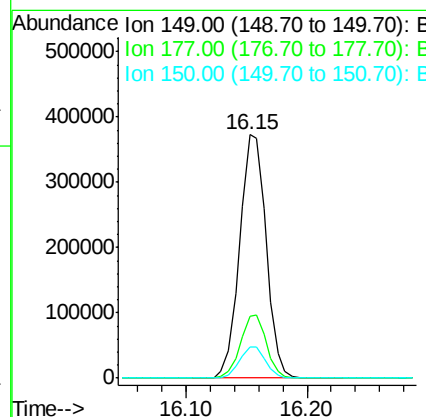
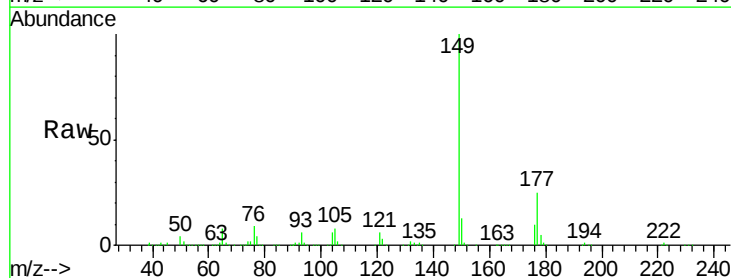
Manual Integrations
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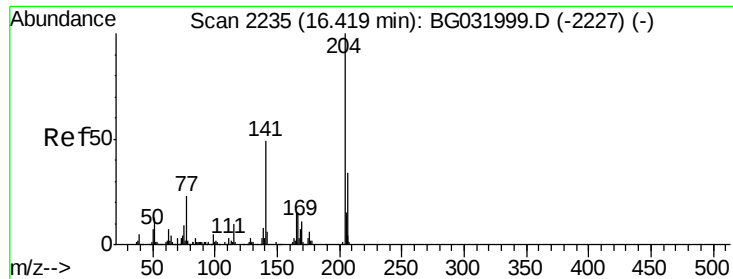
Sohil
 1/19/2018 9:48:31 AM



#59
 Diethylphthalate
 Concen: 52.092 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	18.5	27.7
150	12.9	10.2	15.2





#60
4-Chlorophenyl-phenylether
Concen: 52.372 ng
RT: 16.39 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

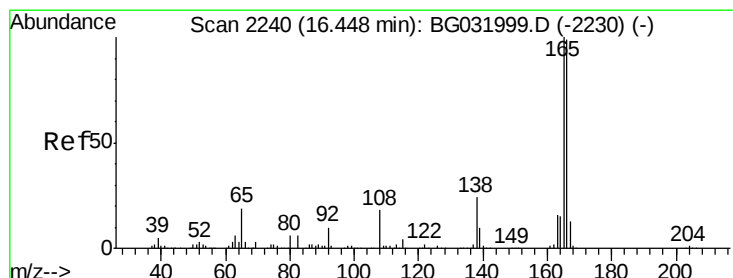
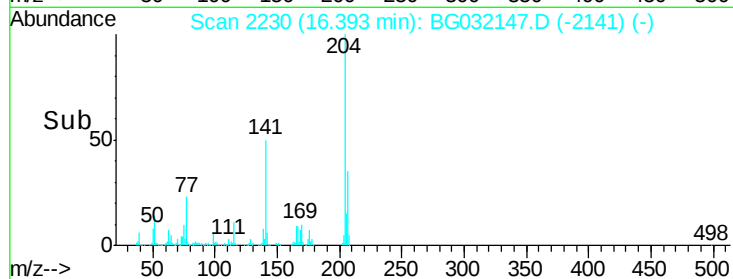
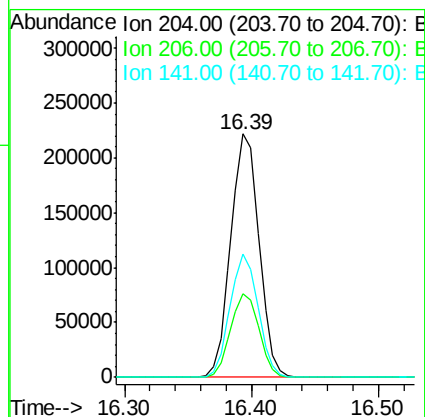
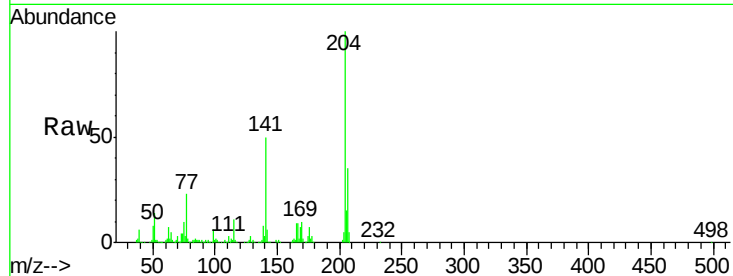
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	50.4	45.8	68.6

Manual Integrations
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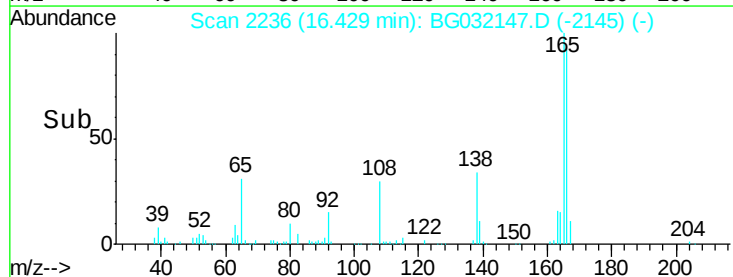
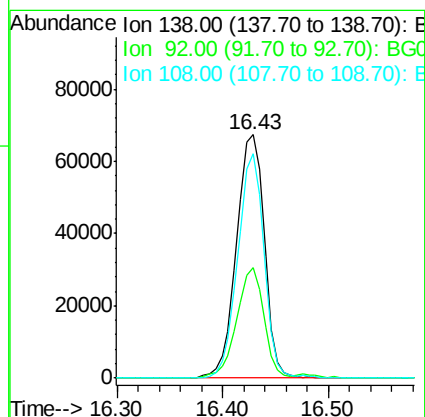
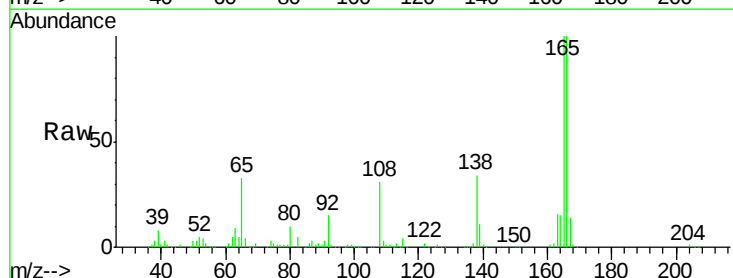
Sohil

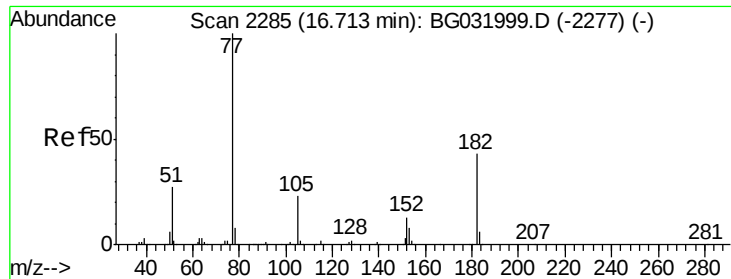
1/19/2018 9:48:31 AM



#61
4-Nitroaniline
Concen: 60.484 ng
RT: 16.43 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	40.1	80.1
108	92.3	65.4	105.4





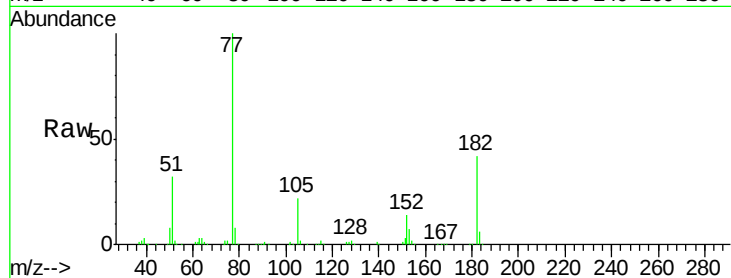
#62
Azobenzene
Concen: 52.819 ng
RT: 16.69 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

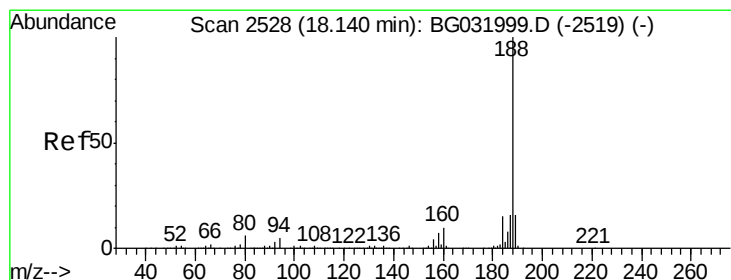
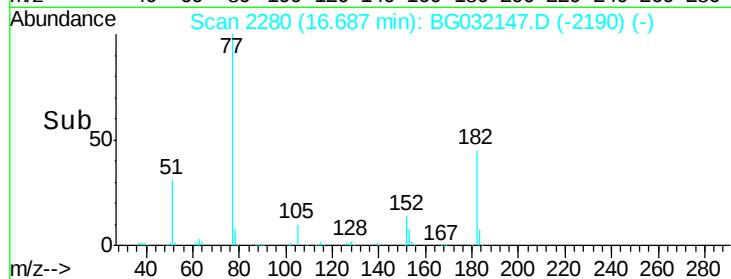
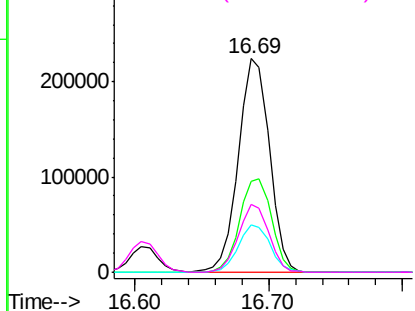
Tgt Ion	Ratio	Lower	Upper
77	100		
182	42.4	7.4	47.4
105	22.0	0.3	40.3
51	31.9	11.6	51.6

Manual Integrations
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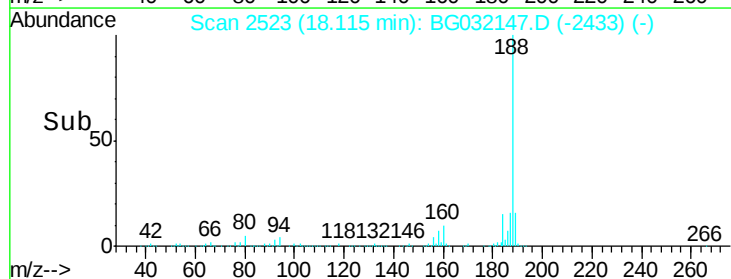
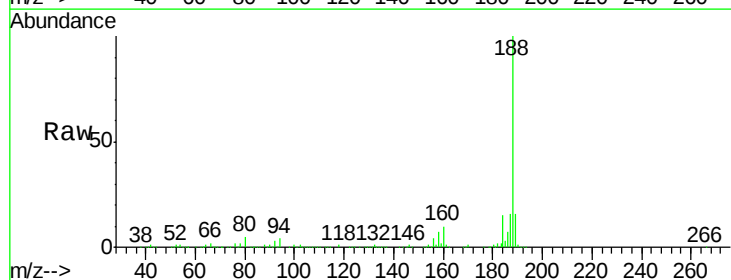
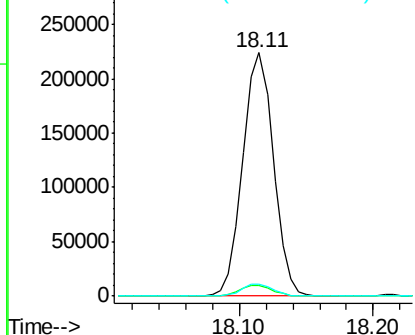
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

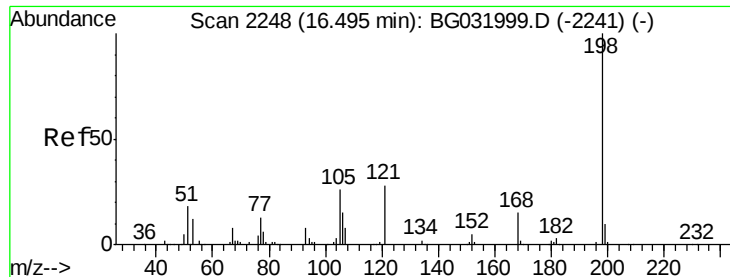


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	5.0	7.7	11.5#

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64
4,6-Dinitro-2-methylphenol
Concen: 43.733 ng
RT: 16.48 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

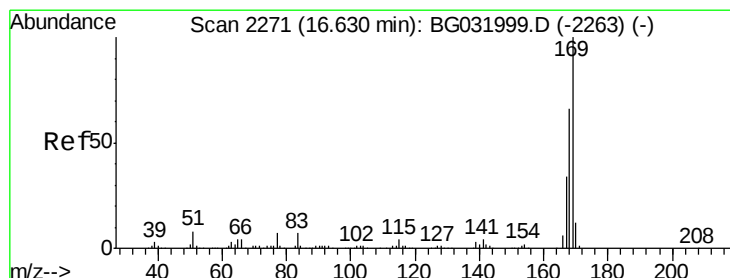
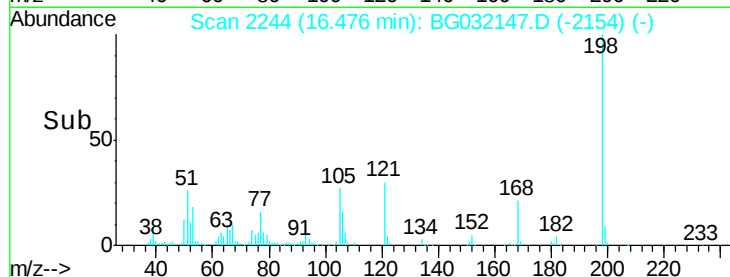
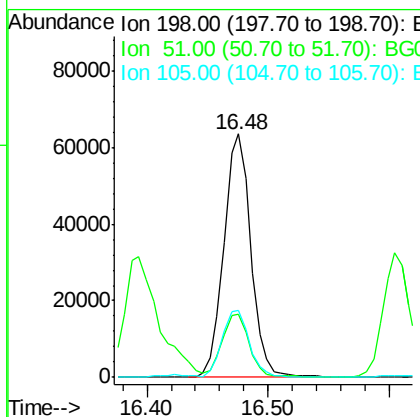
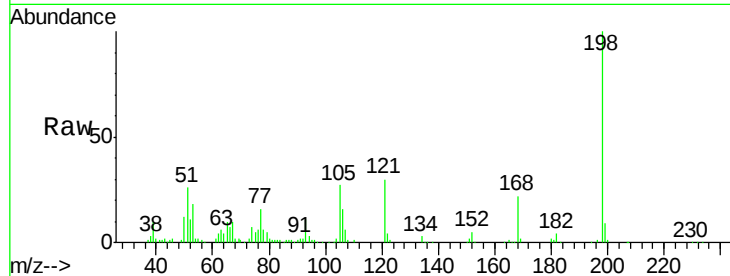
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	25.9	30.6	70.6#
105	27.4	23.8	63.8

Manual Integrations
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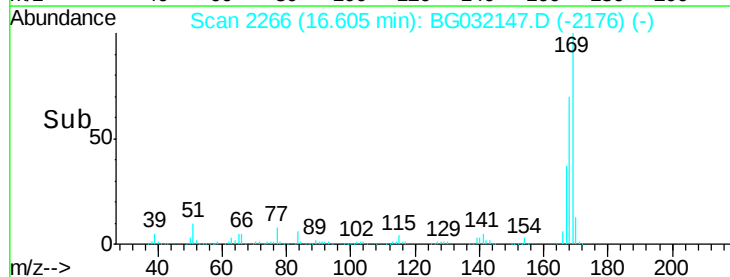
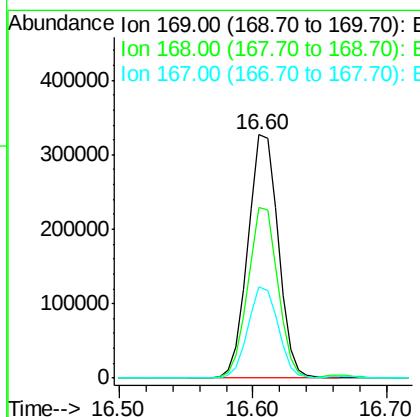
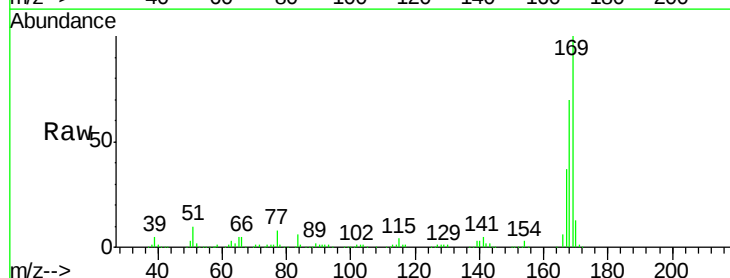
Sohil

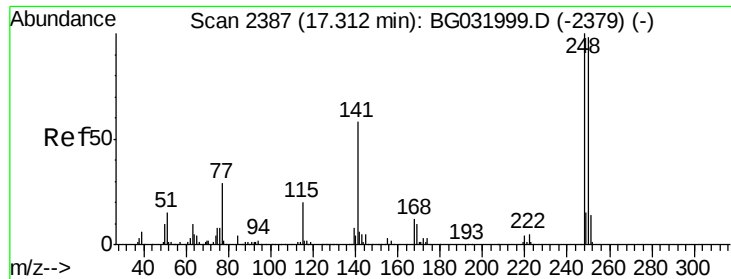
1/19/2018 9:48:31 AM



#65
n-Nitrosodiphenylamine
Concen: 47.291 ng
RT: 16.60 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	55.7	83.5
167	37.4	30.1	45.1





#66
4-Bromophenyl-phenylether
Concen: 49.328 ng
RT: 17.29 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

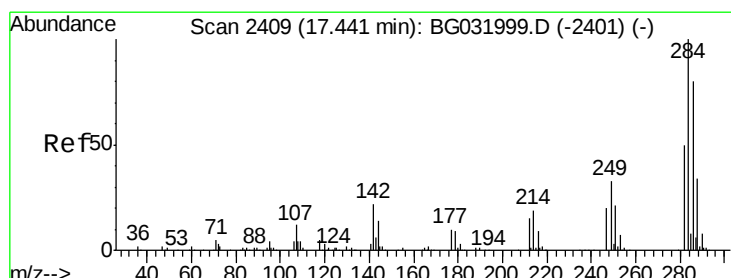
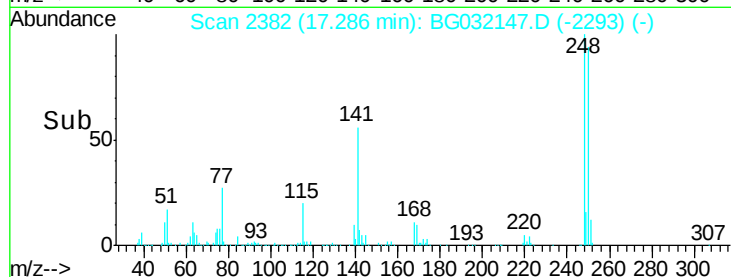
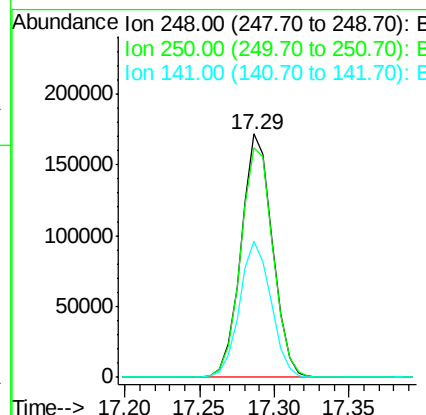
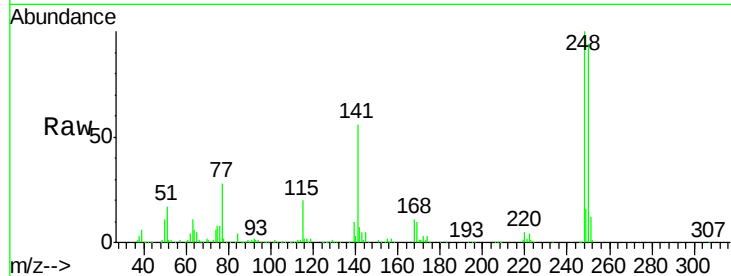
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.3	77.1	115.7
141	55.8	50.8	76.2

Manual Integrations
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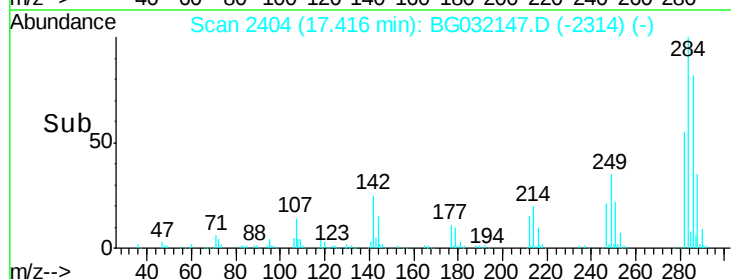
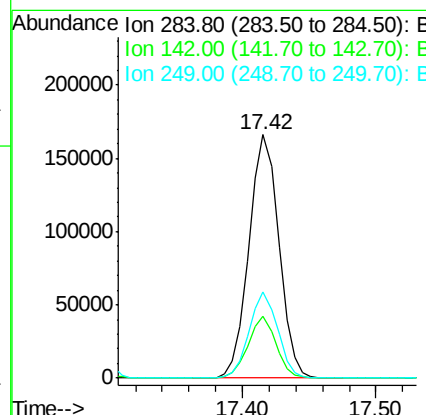
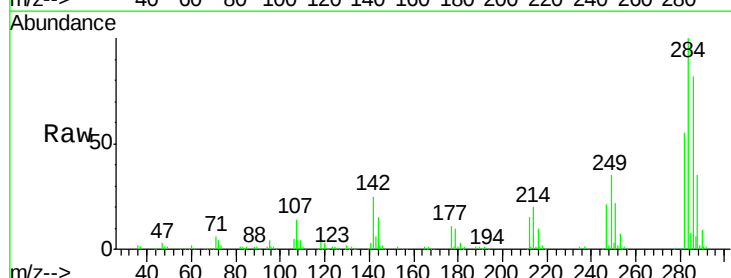
Sohil

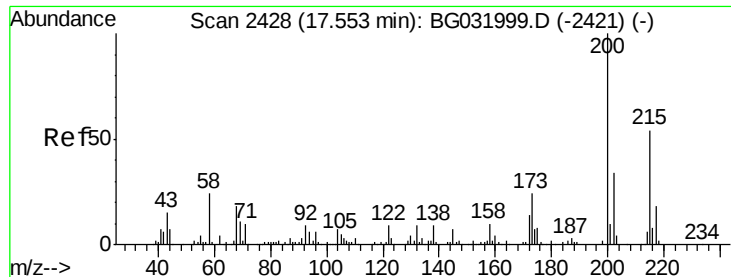
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#67
Hexachlorobenzene
Concen: 45.692 ng
RT: 17.42 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	26.8	40.2#
249	35.5	26.3	39.5





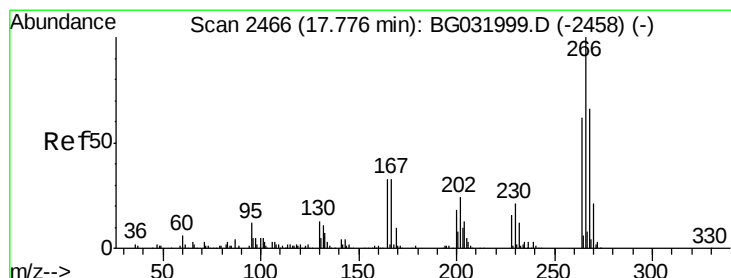
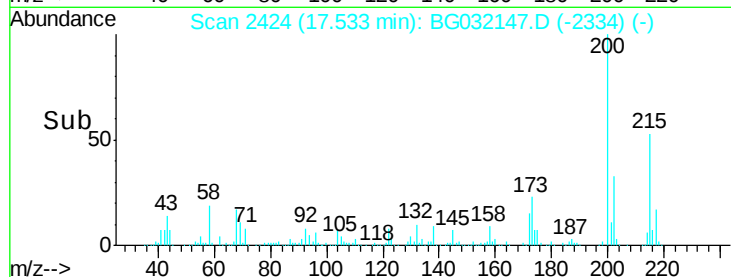
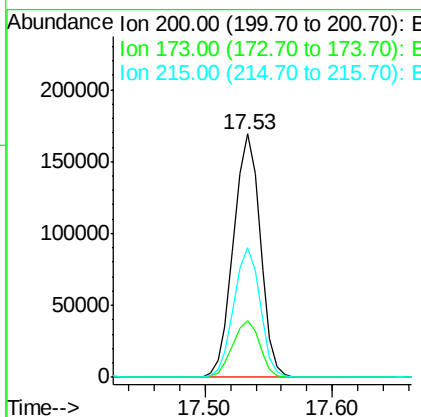
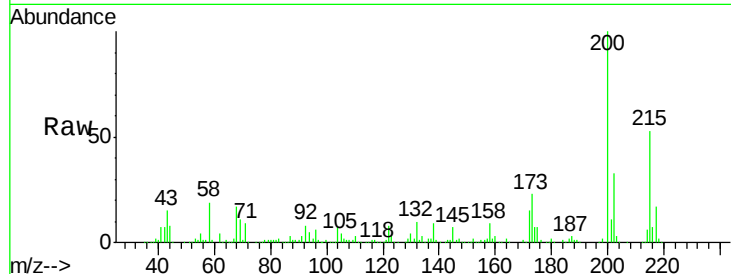
#68
Atrazine
Concen: 54.531 ng
RT: 17.53 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.4	5.2	45.2
215	53.1	30.4	70.4

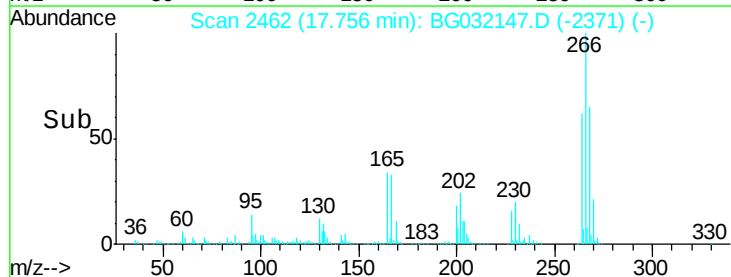
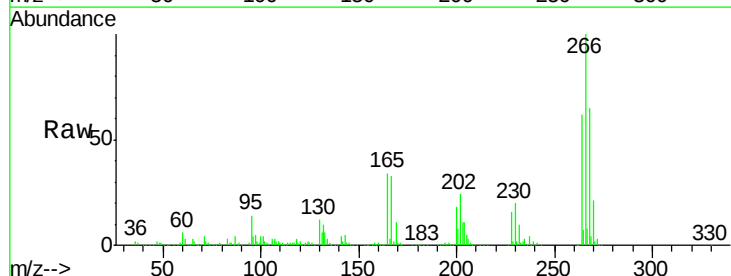
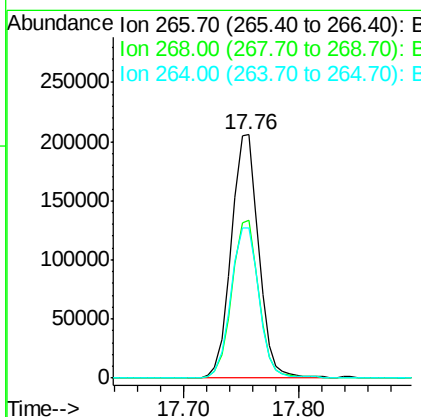
Manual Integrations
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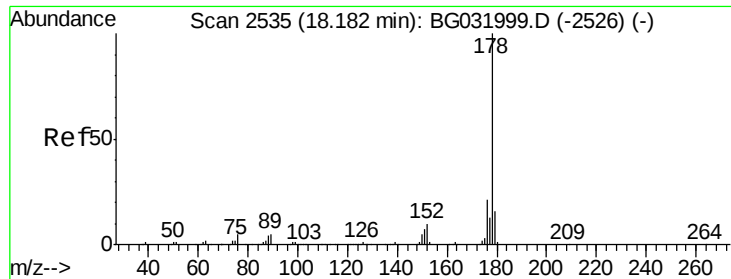
Sohil
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#69
Pentachlorophenol
Concen: 94.705 ng
RT: 17.76 min Scan# 2462
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	51.1	76.7
264	61.9	49.6	74.4





#70

Phenanthrene

Concen: 47.658 ng

RT: 18.16 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

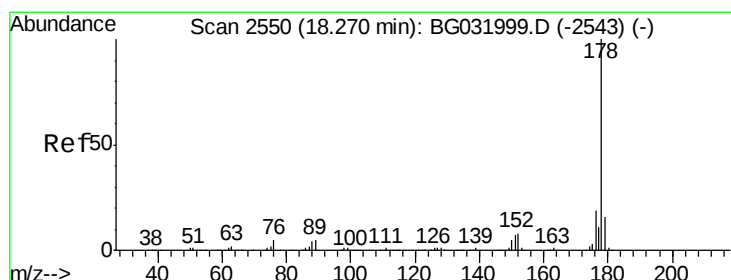
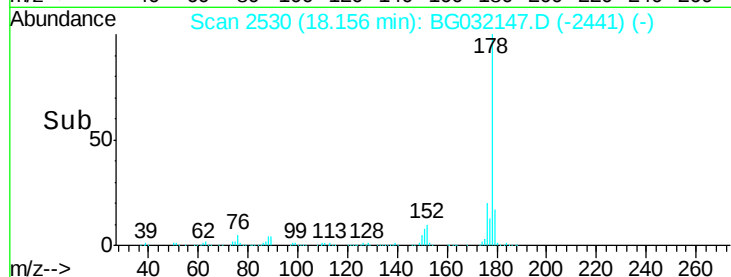
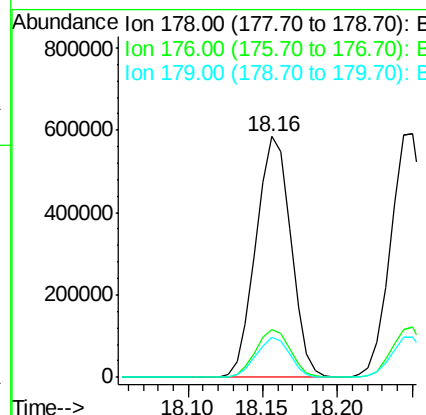
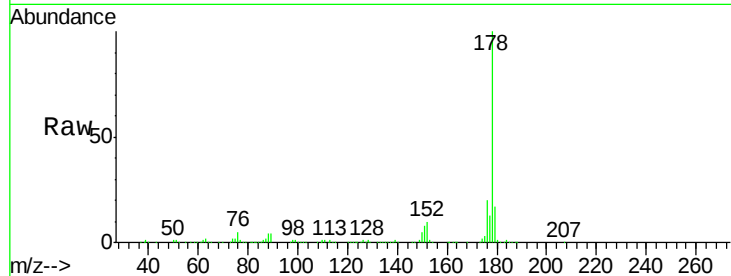
EPE-106-4A(34-36)MSD

Tgt Ion:	178	Resp:	944483
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.7	23.5
179	16.6	12.5	18.7

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#71

Anthracene

Concen: 49.479 ng

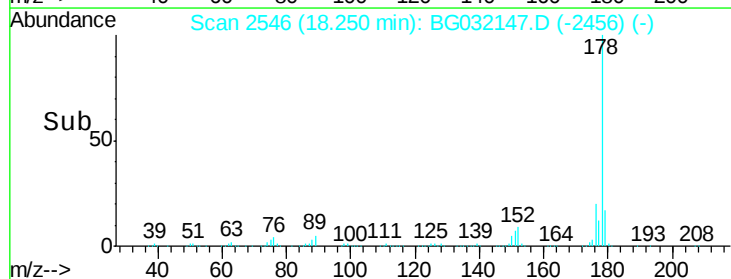
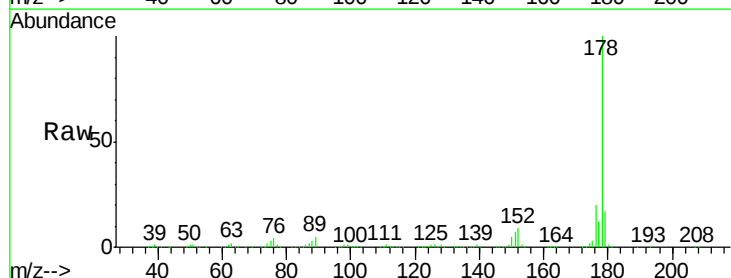
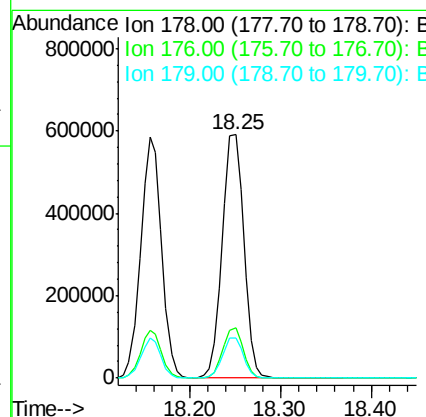
RT: 18.25 min Scan# 2546

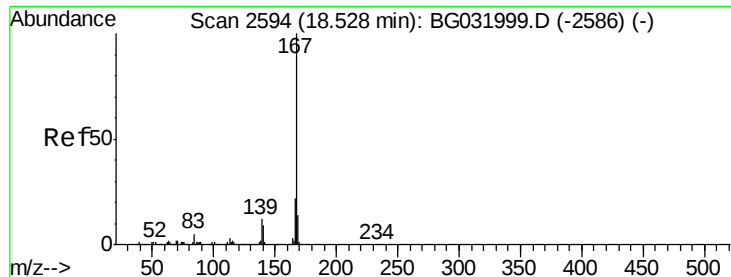
Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:	178	Resp:	978023
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.0	24.0
179	16.6	12.5	18.7





#72

Carbazole

Concen: 50.147 ng

RT: 18.51 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

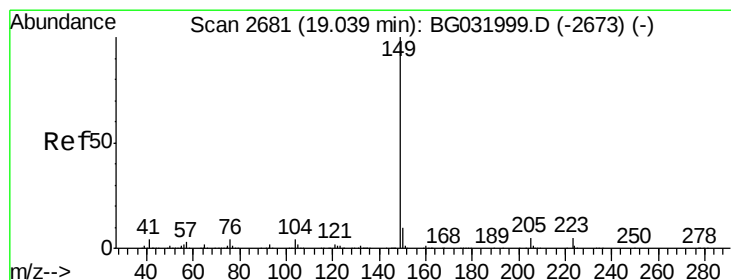
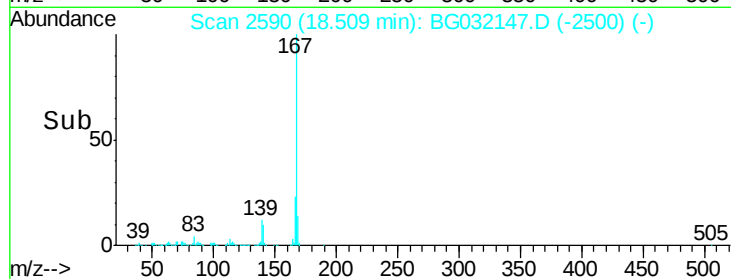
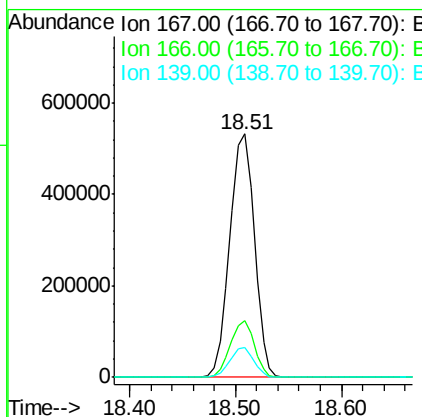
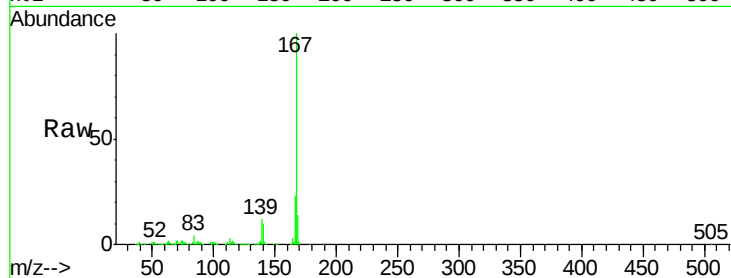
EPE-106-4A(34-36)MSD

Tgt Ion:	167	Resp:	859875
Ion Ratio	Lower	Upper	
167	100		
166	23.1	18.2	27.4
139	12.5	9.4	14.2

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#73

Di-n-butylphthalate

Concen: 47.655 ng

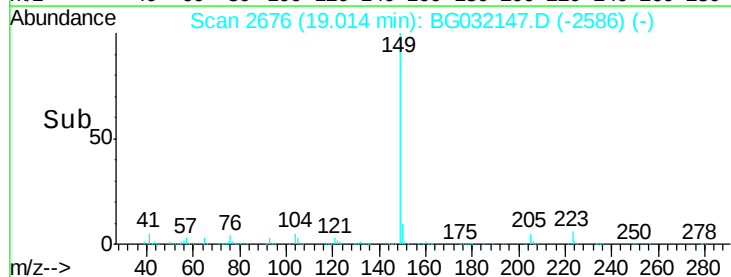
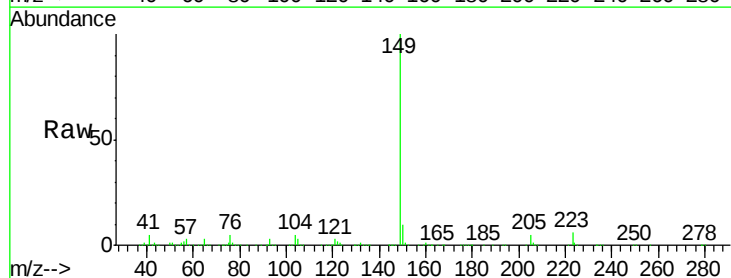
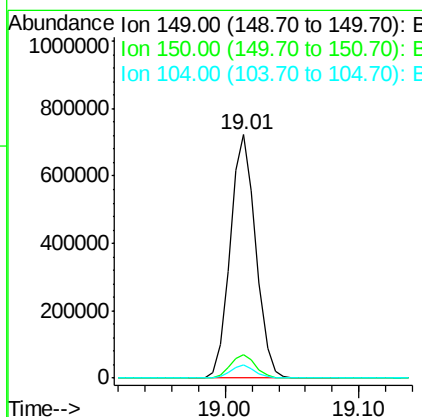
RT: 19.01 min Scan# 2676

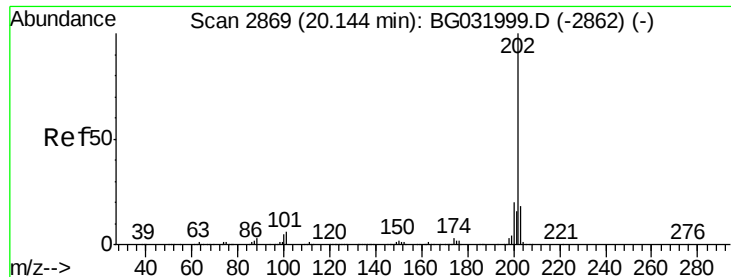
Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:	149	Resp:	965573
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.2	3.9	5.9





#74

Fluoranthene

Concen: 50.025 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

Tgt Ion:202 Resp: 1241289

Ion Ratio Lower Upper

202 100

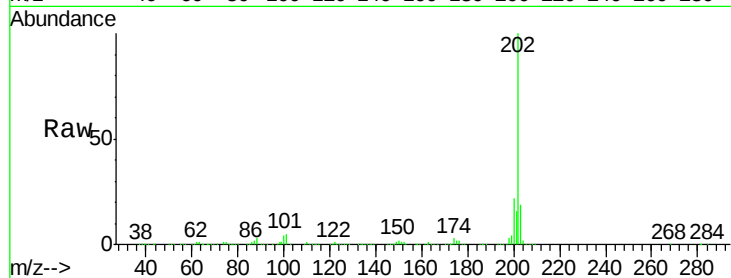
101 5.0 0.0 28.9

203 19.0 0.0 37.5

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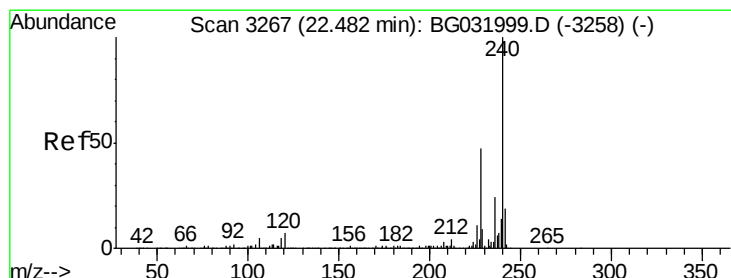
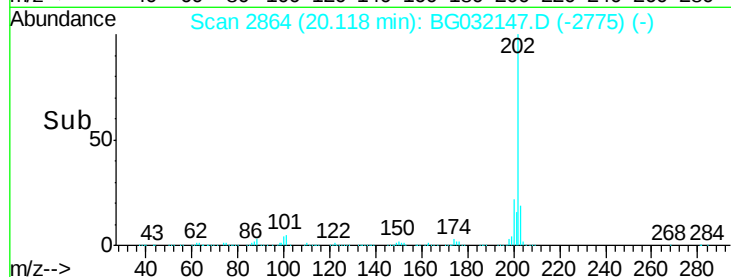
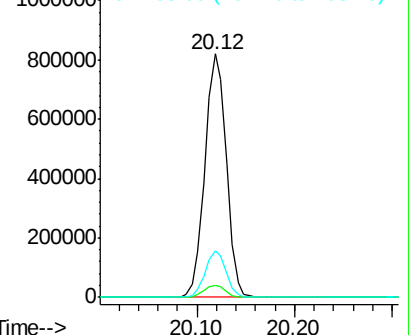
1/19/2018 9:48:31 AM



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: 22.45 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

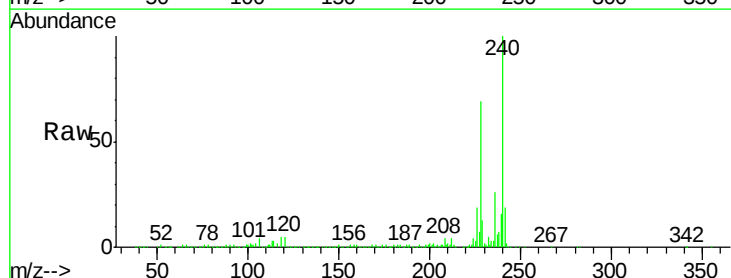
Tgt Ion:240 Resp: 421493

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

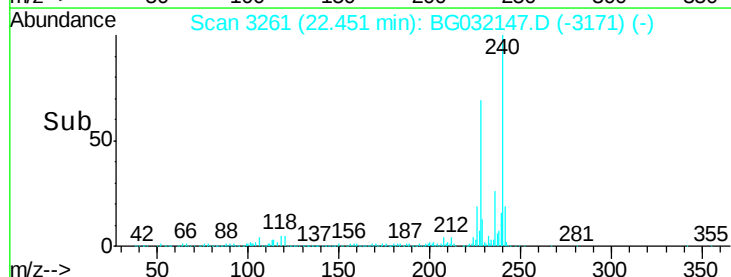
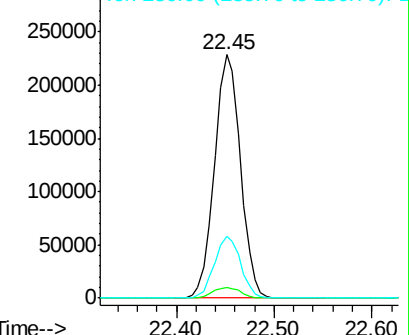
236 25.7 20.9 31.3

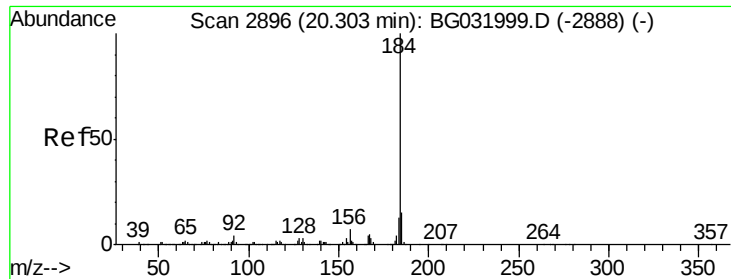


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76
Benzidine
Concen: 68.779 ng
RT: 20.28 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

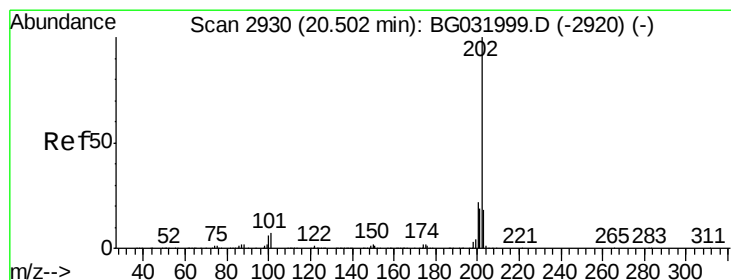
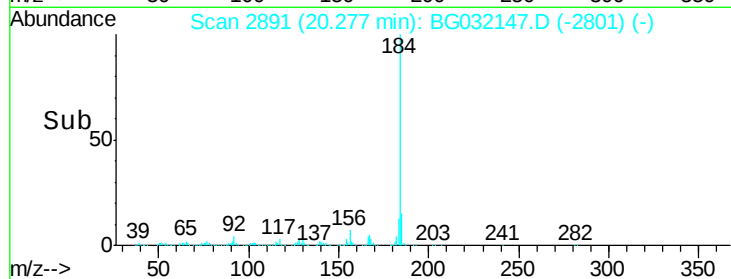
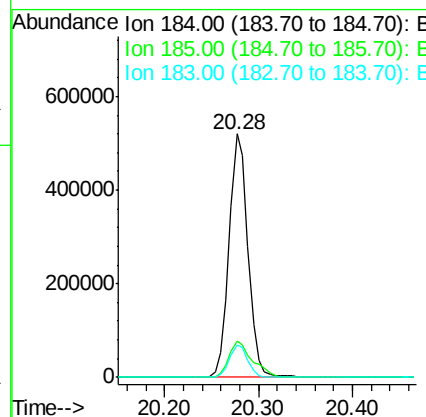
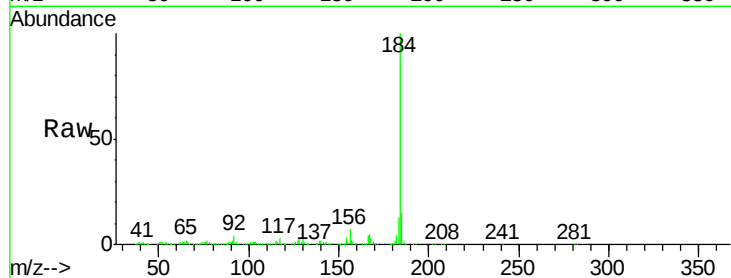
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	13.1	10.6	16.0

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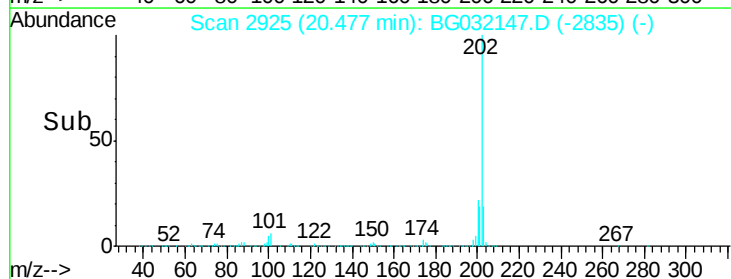
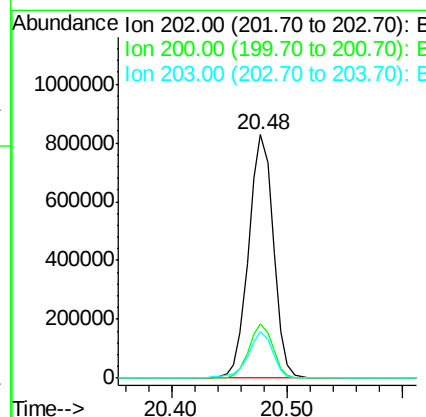
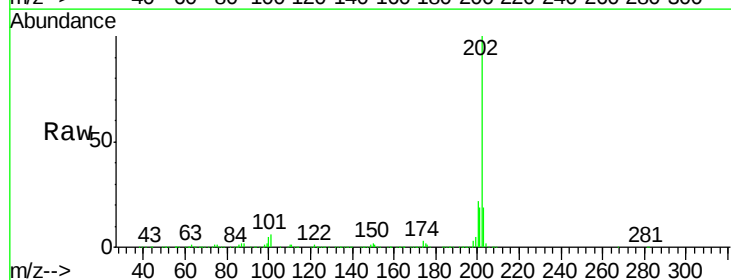
Sohil

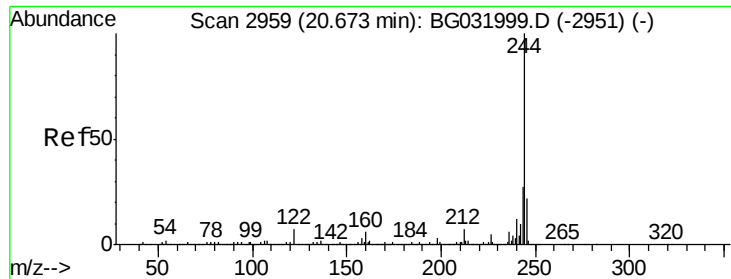
1/19/2018 9:48:31 AM



#77
Pyrene
Concen: 46.575 ng
RT: 20.48 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	19.0	13.9	20.9





#78

Terphenyl-d14

Concen: 88.778 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

Tgt Ion:244 Resp: 1694679

Ion Ratio Lower Upper

244 100

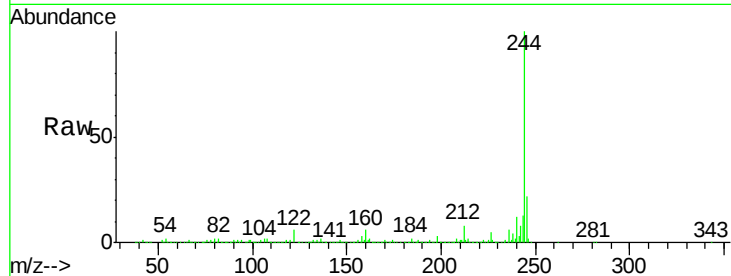
212 7.9 5.8 8.8

122 6.2 7.0 10.4#

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Sohil

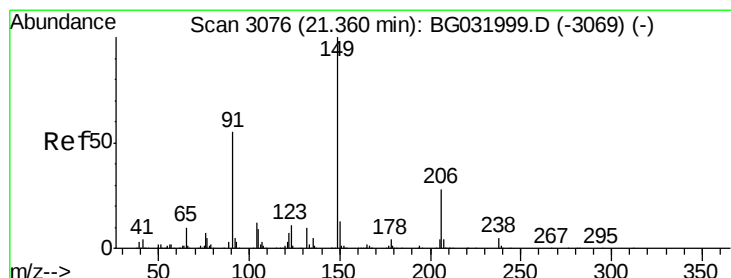
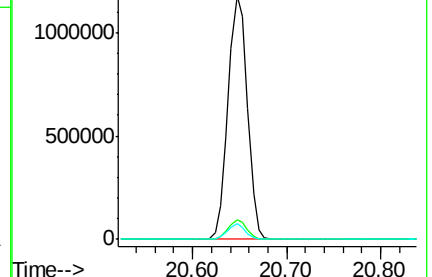
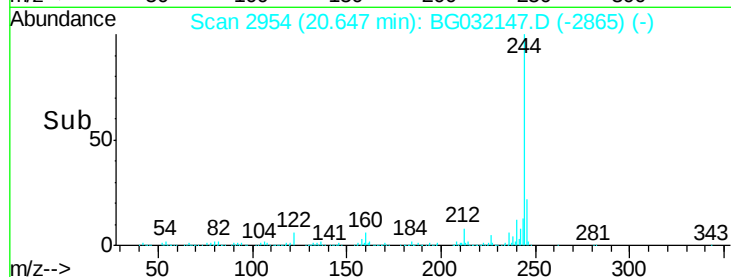
1/19/2018 9:48:31 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.023 ng

RT: 21.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

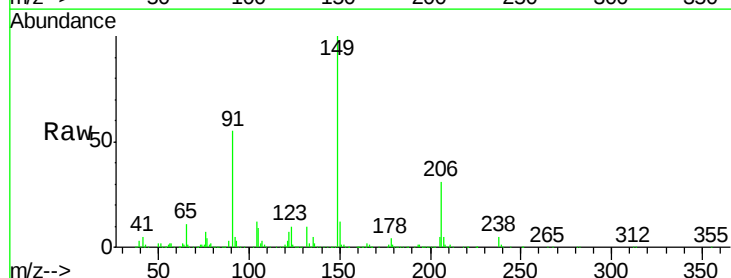
Tgt Ion:149 Resp: 436914

Ion Ratio Lower Upper

149 100

91 55.1 62.2 93.2#

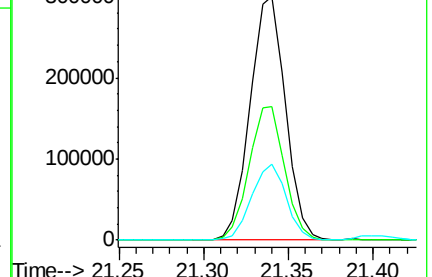
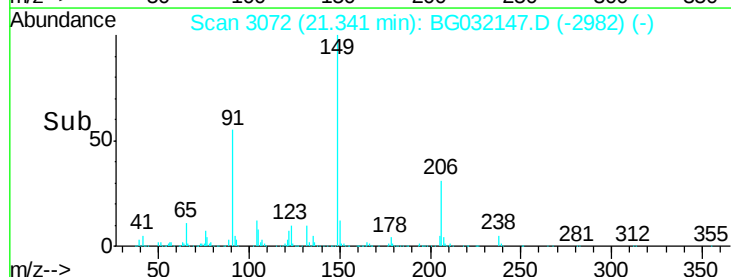
206 31.3 18.6 27.8#

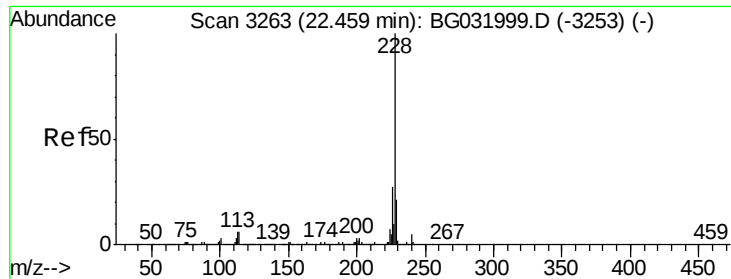


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 49.669 ng

RT: 22.43 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MSD

Tgt Ion:228 Resp: 1301960

Ion Ratio Lower Upper

228 100

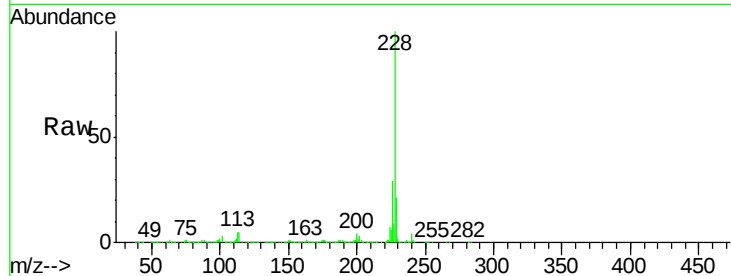
226 28.6 22.7 34.1

229 21.5 16.2 24.2

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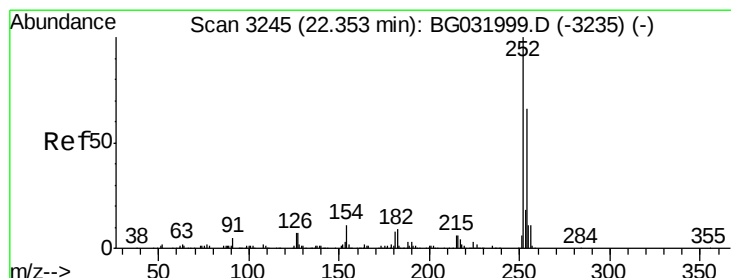
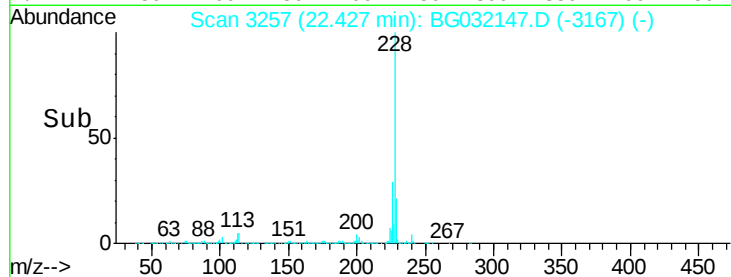
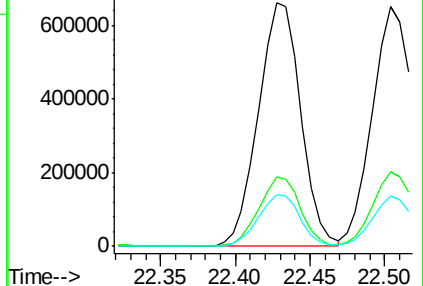
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.575 ng

RT: 22.32 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

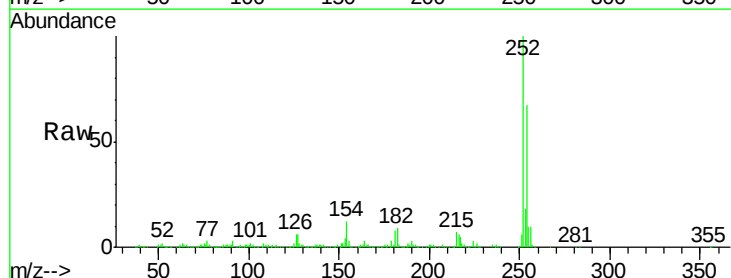
Tgt Ion:252 Resp: 407107

Ion Ratio Lower Upper

252 100

254 67.0 50.8 76.2

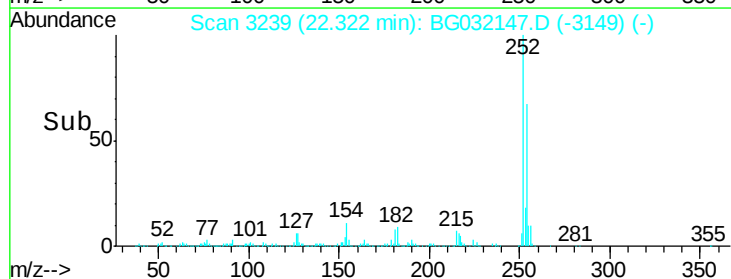
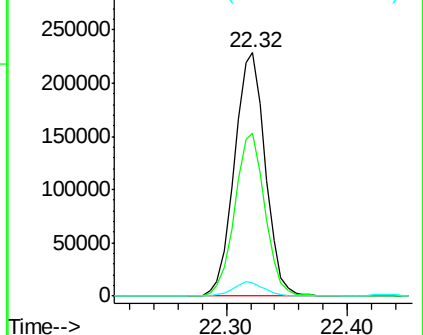
126 5.6 7.4 11.2#

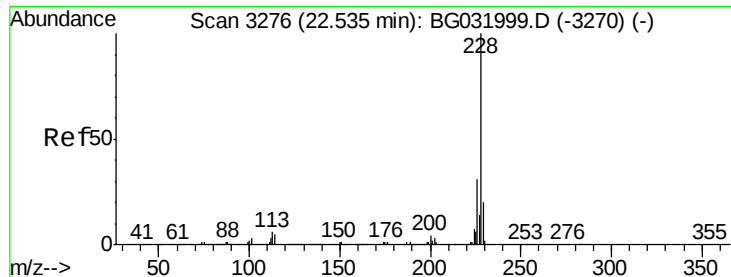


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





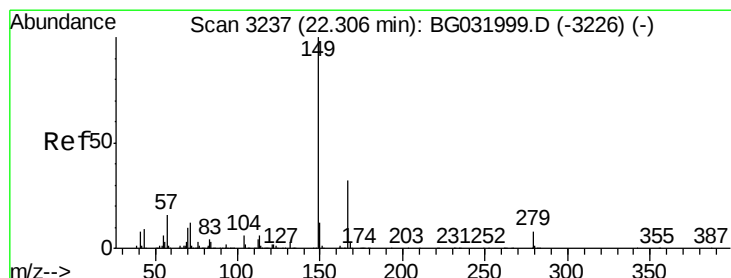
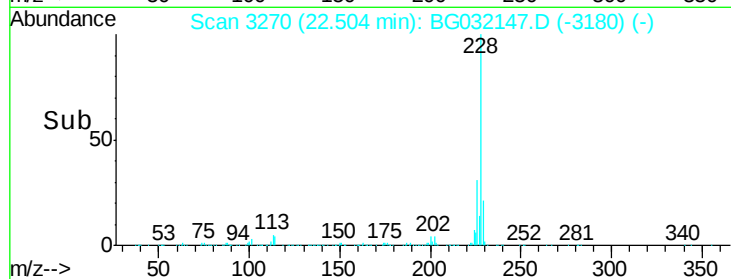
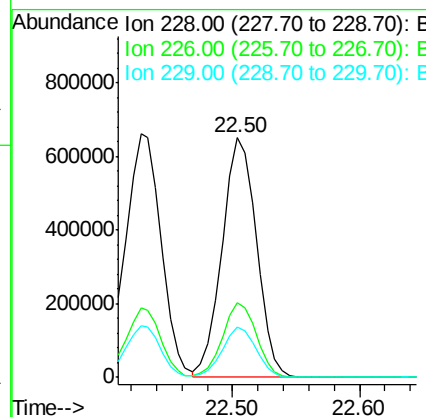
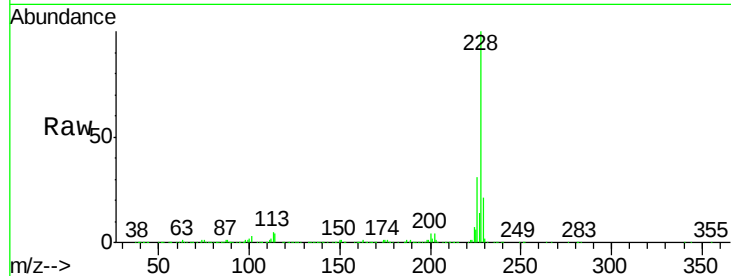
#82
 Chrysene
 Concen: 48.502 ng
 RT: 22.50 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.2	15.0	22.4

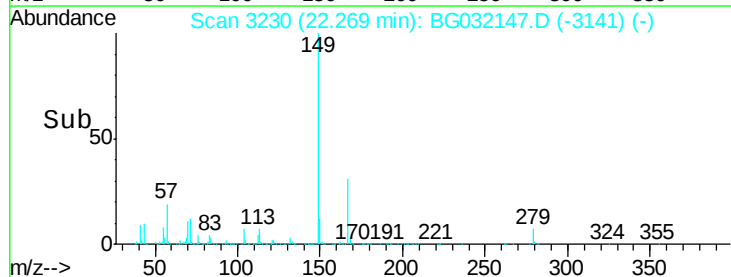
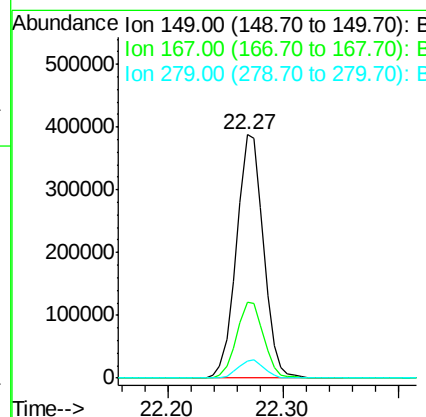
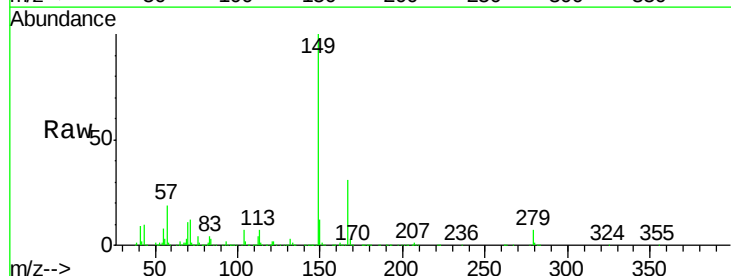
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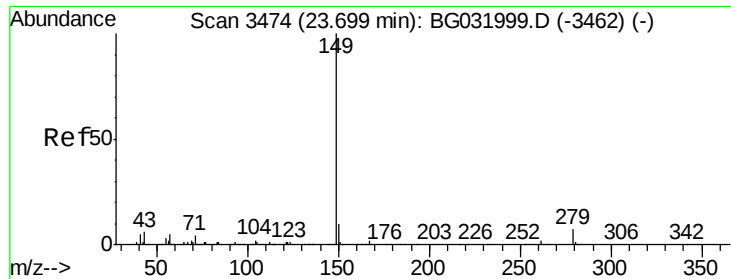
Sohil
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.000 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.3	36.5
279	7.1	4.0	6.0





#84
Di-n-octyl phthalate
Concen: 47.897 ng
RT: 23.65 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

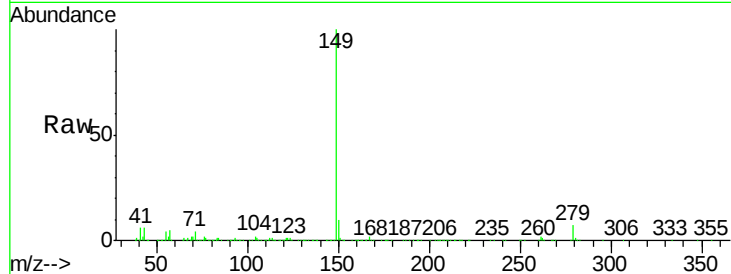
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion:149 Resp: 1059013
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 6.4 8.9 13.3#

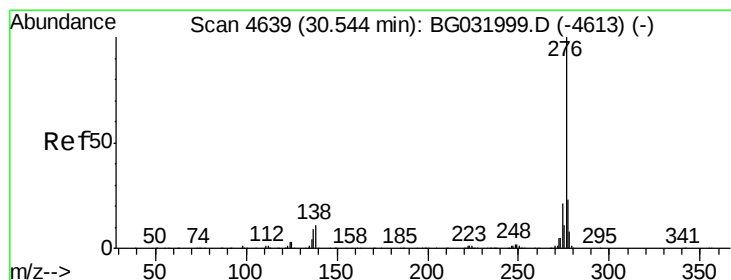
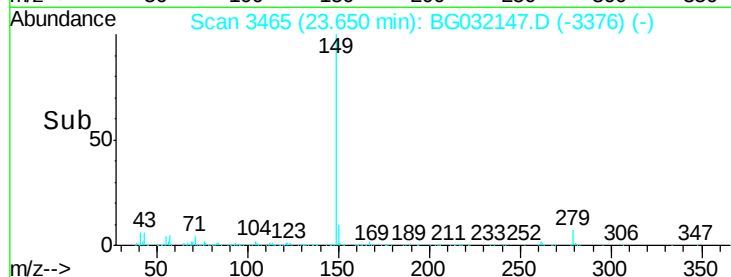
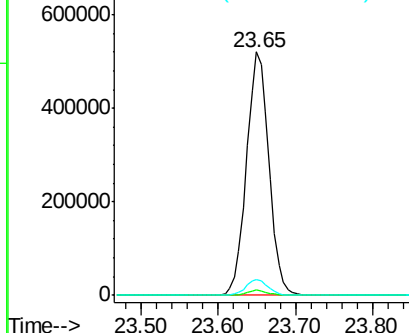
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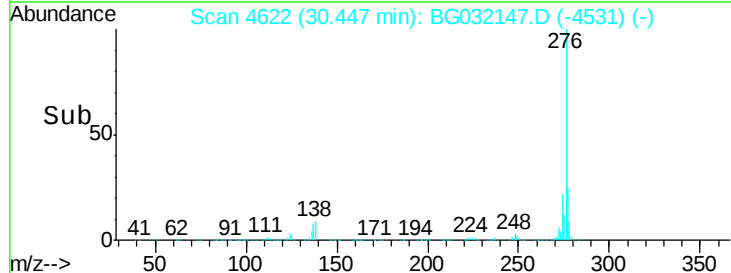
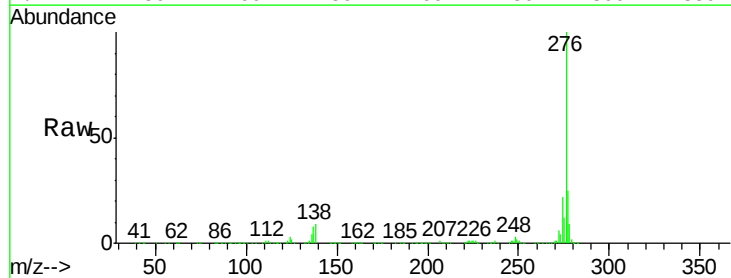
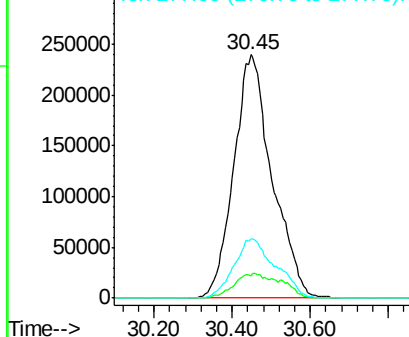
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

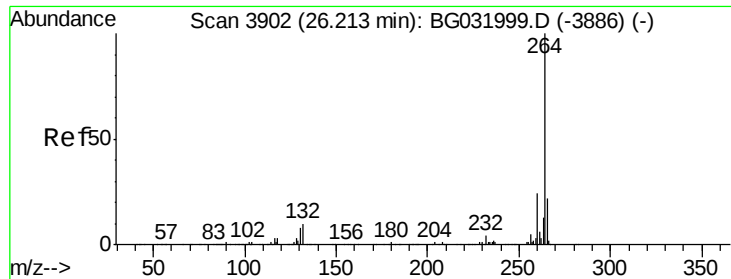


#85
Indeno(1,2,3-cd)pyrene
Concen: 53.143 ng
RT: 30.45 min Scan# 4622
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion:276 Resp: 1637221
Ion Ratio Lower Upper
276 100
138 8.4 16.0 24.0#
277 26.6 20.0 30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3890
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

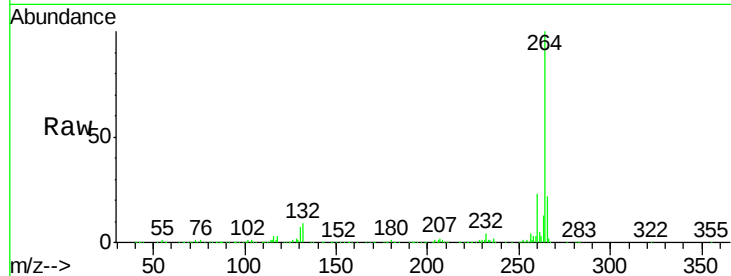
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	17.7	26.5

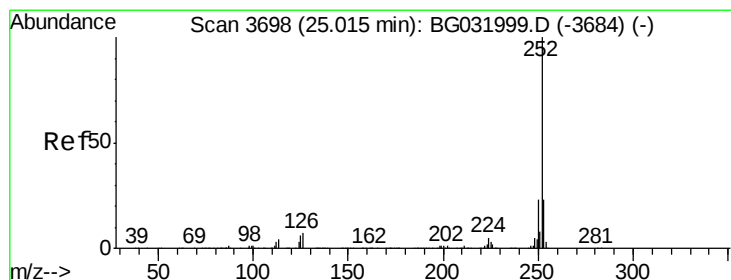
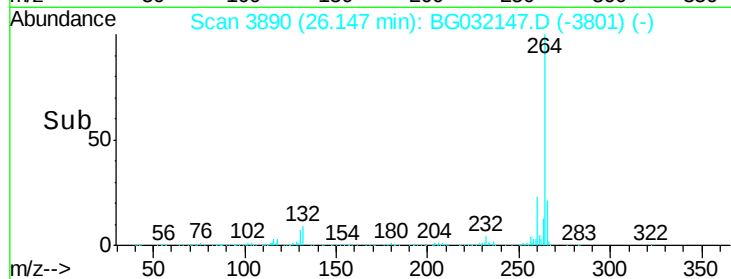
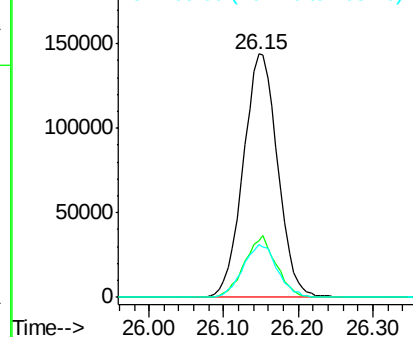
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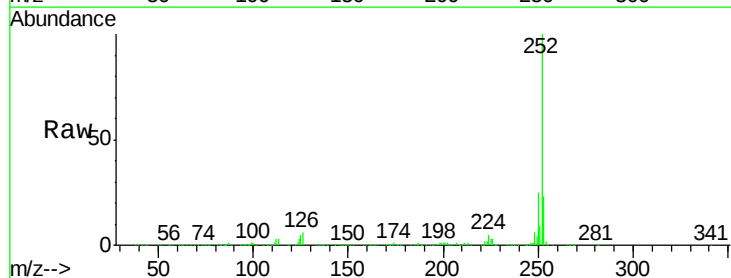


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

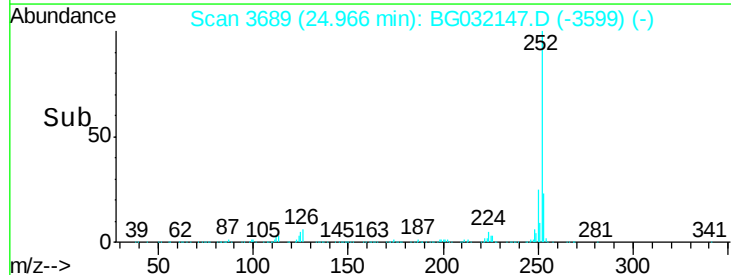
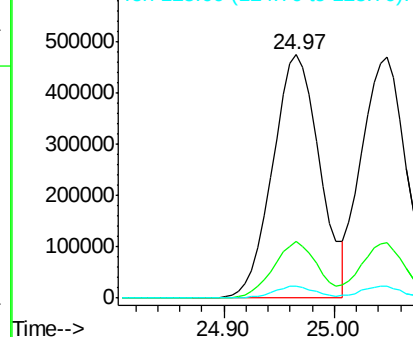


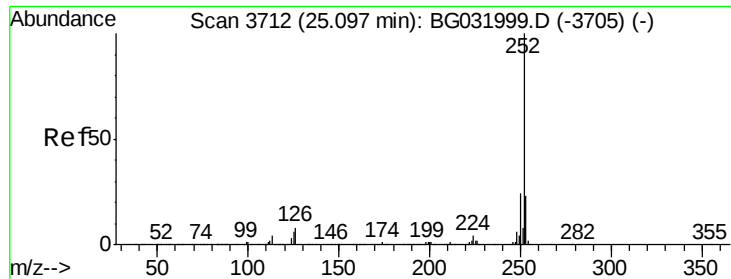
#87
Benzo(b)fluoranthene
Concen: 50.496 ng
RT: 24.97 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	5.0	7.2	10.8



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





#88
Benzo(k)fluoranthene
Concen: 48.320 ng
RT: 25.05 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

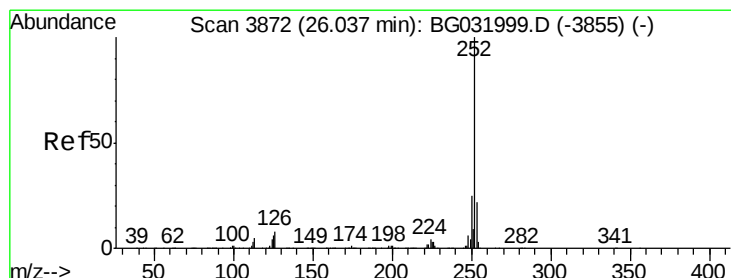
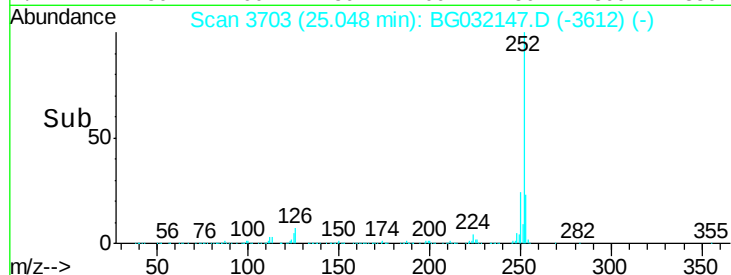
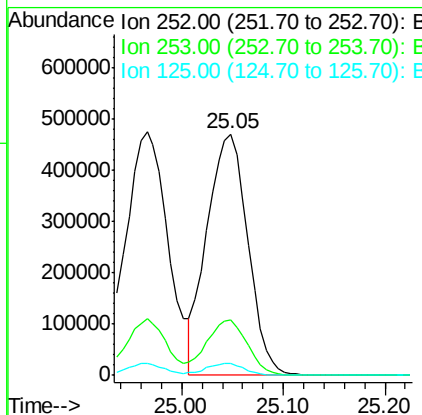
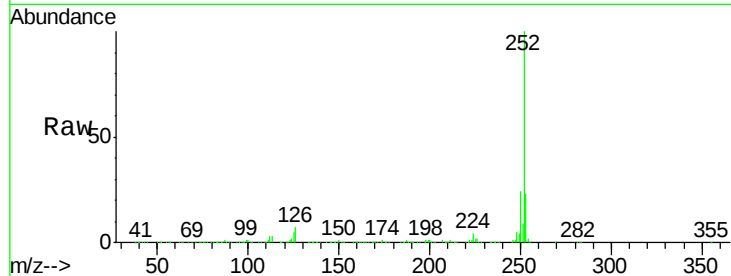
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion: 252 Resp: 1311326
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 4.9 6.6 9.8#

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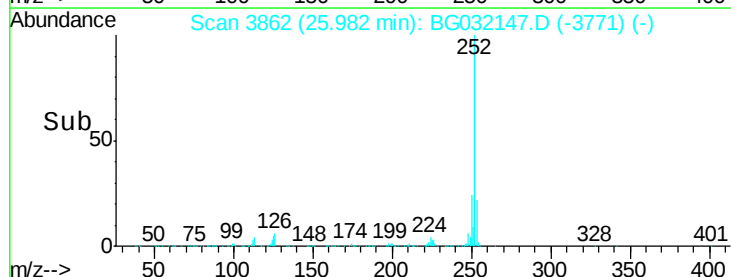
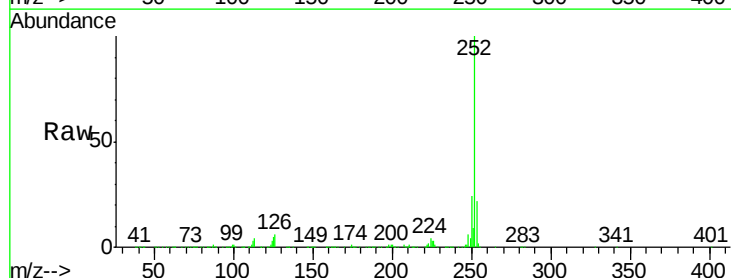
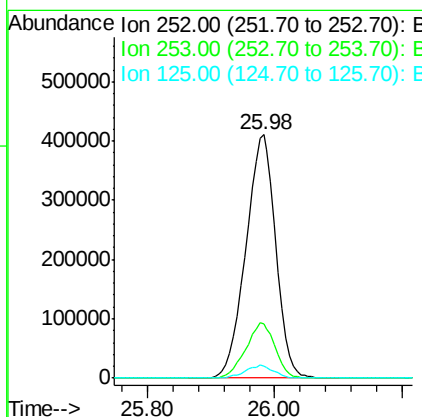
Sohil

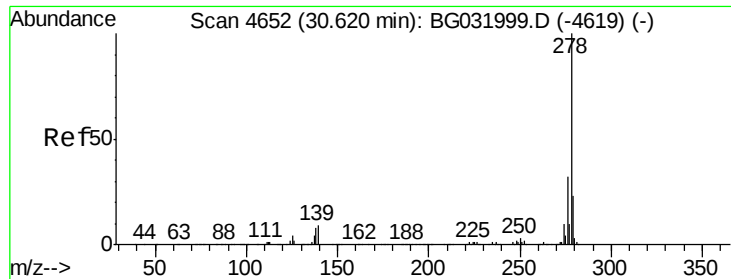
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#89
Benzo(a)pyrene
Concen: 51.219 ng
RT: 25.98 min Scan# 3862
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion: 252 Resp: 1345609
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 5.2 7.3 10.9#





#90
Dibenzo(a,h)anthracene
Concen: 53.450 ng
RT: 30.52 min Scan# 4634
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

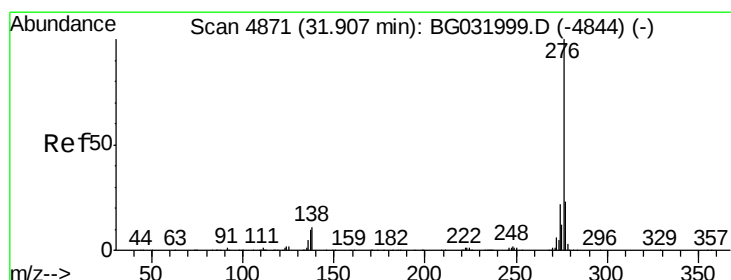
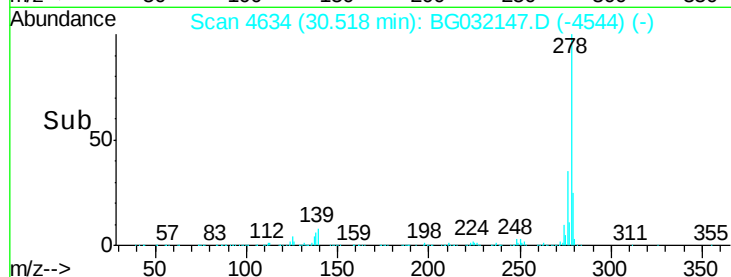
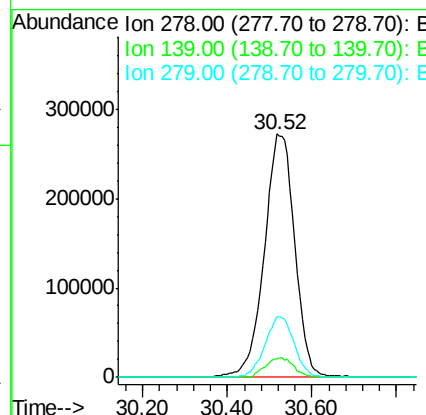
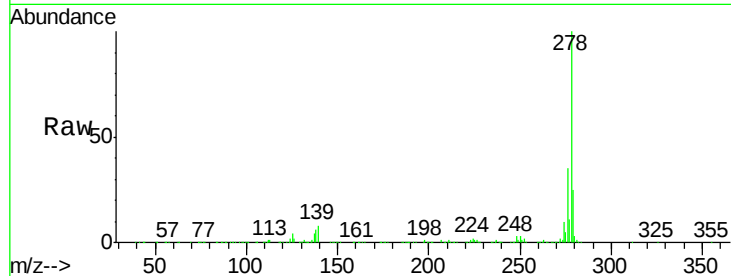
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Tgt Ion:278 Resp: 1353177
Ion Ratio Lower Upper
278 100
139 7.6 9.8 14.6#
279 25.0 18.4 27.6

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#91
Benzo(g,h,i)perylene
Concen: 52.657 ng
RT: 31.81 min Scan# 4854
Delta R.T. 0.02 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion:276 Resp: 1362534
Ion Ratio Lower Upper
276 100
277 24.4 18.3 27.5
138 10.5 13.9 20.9#

