

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028814.D
 Acq On : 19 Sep 2017 3:43
 Operator : SJ/JU
 Sample : I5250-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:32:59 PM

Quant Time: Sep 19 05:02:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	34245	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	139347	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	106292	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	292129	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	337647	20.00	ng	-0.05
86) Perylene-d12	25.45	264	338754	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	270662	130.41	ng	-0.04
7) Phenol-d6	7.45	99	351583	112.52	ng	-0.04
23) Nitrobenzene-d5	9.46	82	257818	88.51	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	263415	149.84	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	682535	85.62	ng	-0.04
78) Terphenyl-d14	20.25	244	1280554	80.88	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.79	88	25671	30.544	ng	94
3) Pyridine	4.19	79	55603	23.193	ng	# 92
4) n-Nitrosodimethylamine	4.09	42	38467	35.272	ng	# 77
6) Aniline	7.62	93	79613	21.892	ng	89
8) 2-Chlorophenol	7.86	128	88374	38.198	ng	89
9) Benzaldehyde	7.43	77	32215	16.617	ng	98
10) Phenol	7.47	94	111553	33.827	ng	92
11) bis(2-Chloroethyl)ether	7.70	93	85679	36.188	ng	94
12) 1,3-Dichlorobenzene	8.18	146	88235m	35.418	ng	
13) 1,4-Dichlorobenzene	8.32	146	91158	35.585	ng	98
14) 1,2-Dichlorobenzene	8.65	146	90715	35.844	ng	98
15) Benzyl Alcohol	8.53	79	93820	38.462	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.81	45	145681	33.856	ng	99
17) 2-Methylphenol	8.73	107	80101	37.171	ng	92
18) Hexachloroethane	9.38	117	32350	34.455	ng	99
19) n-Nitroso-di-n-propylamine	9.09	70	79563	35.918	ng	88
20) 3+4-Methylphenols	9.06	107	110118	36.534	ng	94
22) Acetophenone	9.11	105	145813	35.788	ng	# 86
24) Nitrobenzene	9.50	77	117762	36.509	ng	# 91
25) Isophorone	10.02	82	218353	37.046	ng	98
26) 2-Nitrophenol	10.22	139	50634	36.884	ng	91
27) 2,4-Dimethylphenol	10.26	122	91764	36.569	ng	88
28) bis(2-Chloroethoxy)methane	10.49	93	122508	38.275	ng	100
29) 2,4-Dichlorophenol	10.76	162	100035	40.067	ng	94
30) 1,2,4-Trichlorobenzene	10.97	180	107015	37.572	ng	96
31) Naphthalene	11.16	128	284100	39.036	ng	98
32) Benzoic acid	10.42	122	44861	28.067	ng	94
33) 4-Chloroaniline	11.28	127	23319	7.649	ng	# 87
34) Hexachlorobutadiene	11.43	225	75872	36.166	ng	91
35) Caprolactam	12.05	113	30691m	34.279	ng	
36) 4-Chloro-3-methylphenol	12.38	107	123756	38.087	ng	95
37) 2-Methylnaphthalene	12.75	142	221922	40.842	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	144951	33.166	ng	# 96
40) Hexachlorocyclopentadiene	13.08	237	119624	71.365	ng	98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028814.D
 Acq On : 19 Sep 2017 3:43
 Operator : SJ/JU
 Sample : I5250-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

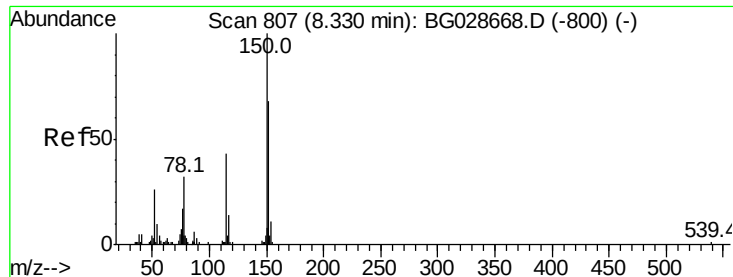
Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:32:59 PM

Quant Time: Sep 19 05:02:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	99377	35.827	nq	96
43) 2,4,5-Trichlorophenol	13.43	196	111548	40.021	nq	# 90
45) 1,1'-Biphenyl	13.74	154	302364	34.357	nq	98
46) 2-Chloronaphthalene	13.79	162	235828	36.739	nq	99
47) 2-Nitroaniline	13.99	65	96354	40.390	nq	91
48) Acenaphthylene	14.63	152	391260	38.153	nq	97
49) Dimethylphthalate	14.35	163	356172	39.960	nq	97
50) 2,6-Dinitrotoluene	14.48	165	81523	41.105	nq	# 79
51) Acenaphthene	14.97	154	238817	38.336	nq	94
52) 3-Nitroaniline	14.82	138	47890	27.305	nq	90
53) 2,4-Dinitrophenol	15.03	184	74625	72.268	nq	96
54) Dibenzofuran	15.30	168	424334	42.713	nq	93
55) 4-Nitrophenol	15.13	139	96328	74.965	nq	# 75
56) 2,4-Dinitrotoluene	15.27	165	123165	44.166	nq	# 88
57) Fluorene	15.96	166	361391	40.747	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	115978	47.212	nq	# 91
59) Diethylphthalate	15.70	149	375159	40.958	nq	97
60) 4-Chlorophenyl-phenylether	15.94	204	204765	40.545	nq	91
61) 4-Nitroaniline	15.99	138	77854	41.901	nq	# 80
62) Azobenzene	16.23	77	335255	43.520	nq	90
64) 4,6-Dinitro-2-methylphenol	16.04	198	69143	36.681	nq	94
65) n-Nitrosodiphenylamine	16.16	169	320874	38.316	nq	99
66) 4-Bromophenyl-phenylether	16.83	248	147864	39.337	nq	95
67) Hexachlorobenzene	16.97	284	154928	36.214	nq	# 90
68) Atrazine	17.10	200	137594	38.266	nq	97
69) Pentachlorophenol	17.31	266	155006	80.190	nq	100
70) Phenanthrene	17.70	178	611519	40.935	nq	96
71) Anthracene	17.80	178	613842	40.677	nq	98
72) Carbazole	18.07	167	539339	39.683	nq	# 93
73) Di-n-butylphthalate	18.59	149	649586	38.979	nq	# 93
74) Fluoranthene	19.70	202	748696	41.046	nq	93
76) Benzidine	19.88	184	59556	6.802	nq	94
77) Pyrene	20.06	202	772887	39.685	nq	96
79) Butylbenzylphthalate	20.93	149	293506	37.315	nq	93
80) Benzo(a)anthracene	21.96	228	810906	39.899	nq	94
81) 3,3'-Dichlorobenzidine	21.87	252	206763	25.092	nq	# 95
82) Chrysene	22.04	228	746084	38.689	nq	96
83) Bis(2-ethylhexyl)phthalate	21.82	149	420807	37.632	nq	98
84) Di-n-octyl phthalate	23.11	149	717326	36.716	nq	# 88
85) Indeno(1,2,3-cd)pyrene	29.45	276	946485	38.200	nq	99
87) Benzo(b)fluoranthene	24.35	252	826616m	40.729	nq	
88) Benzo(k)fluoranthene	24.42	252	806344m	39.775	nq	
89) Benzo(a)pyrene	25.29	252	781756	40.580	nq	95
90) Dibenzo(a,h)anthracene	29.50	278	764282	38.054	nq	# 98
91) Benzo(g,h,i)perylene	30.69	276	749585	38.250	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

ClientSampleId :

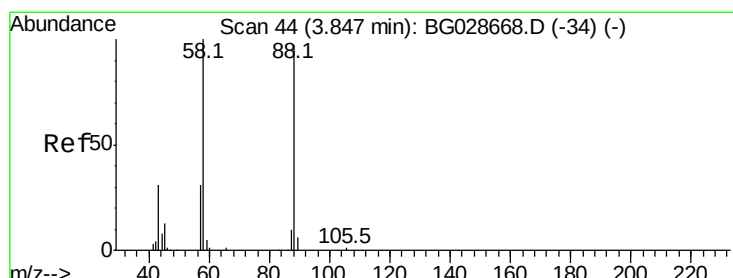
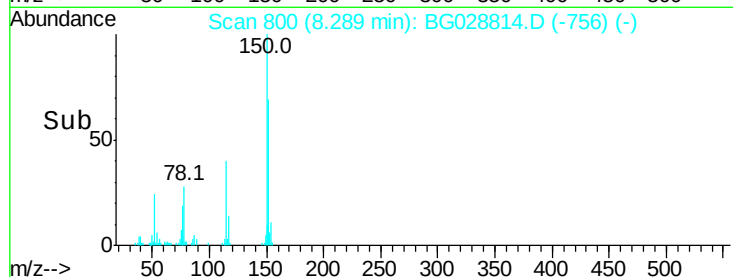
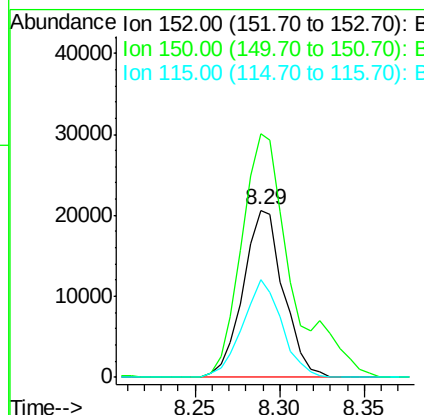
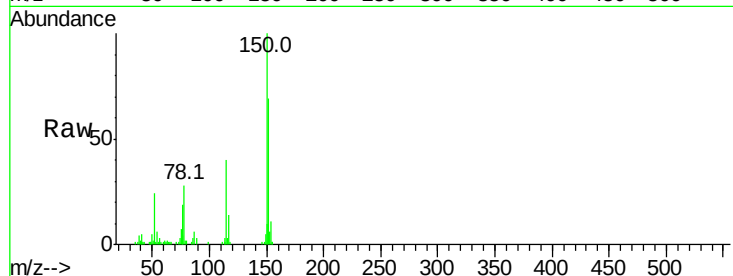
OK-01-091417MSD

Tot Ion:	152	Resp:	34245
Ion Ratio	Lower	Upper	
152	100		
150	145.4	114.0	171.0
115	58.0	48.1	72.1

Manual Integrations
APPROVED

Sohil

9/19/2017 5:32:59 PM



#2

1,4-Dioxane

Concen: 30.544 ng

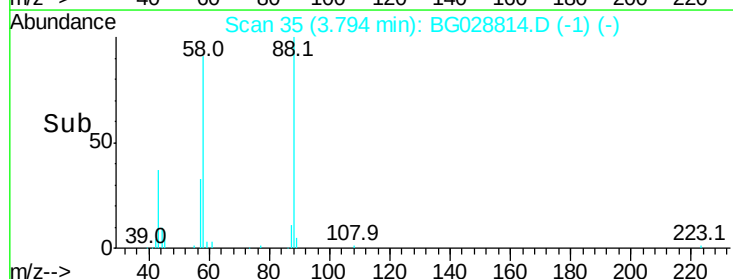
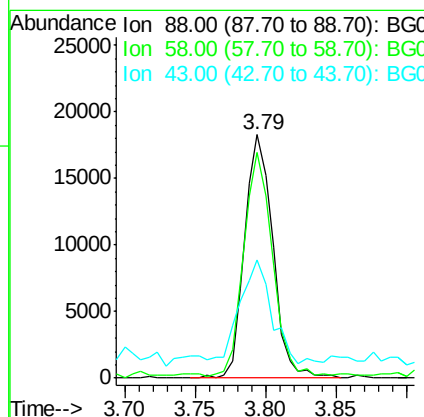
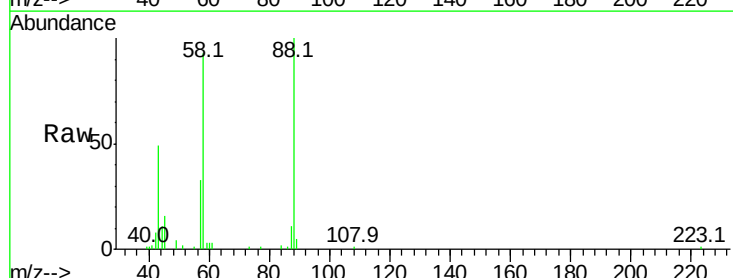
RT: 3.79 min Scan# 35

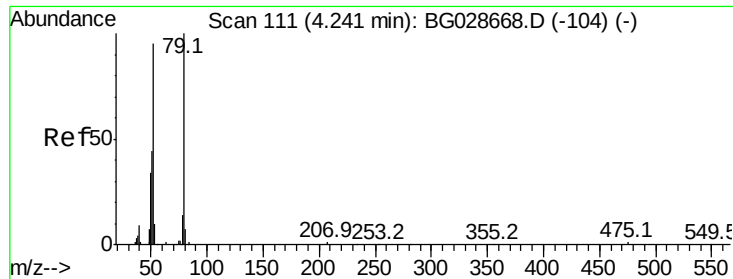
Delta R.T. -0.05 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	88	Resp:	25671
Ion Ratio	Lower	Upper	
88	100		
58	92.9	79.4	119.2
43	44.5	33.8	50.6





#3

Pvridine

Concen: 23.193 ng

RT: 4.19 min Scan# 103

Delta R.T. -0.05 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

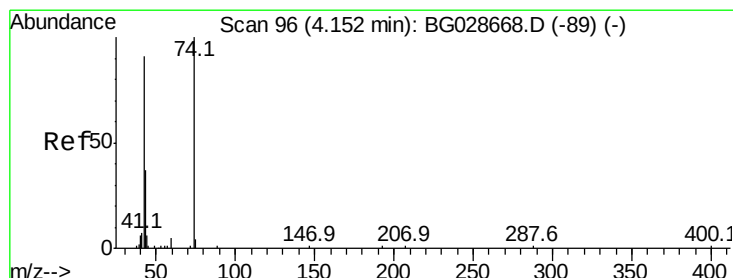
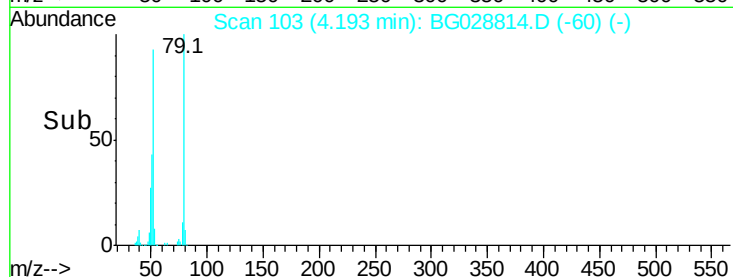
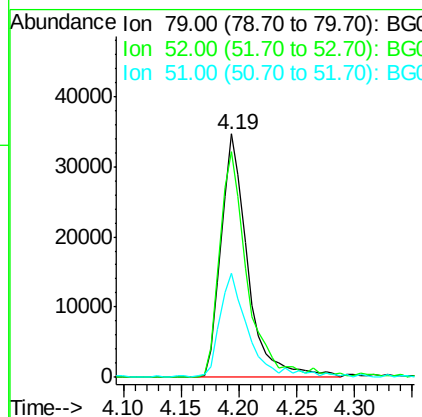
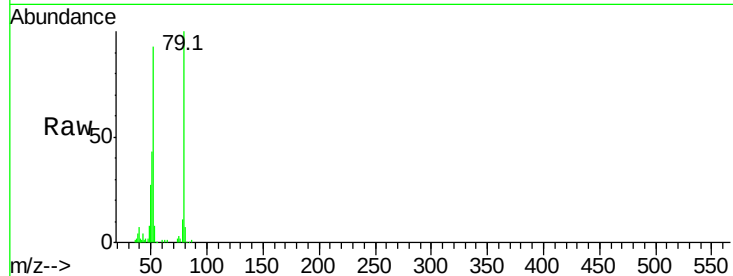
ClientSampleId :

OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.9	77.8	116.6
51	42.9	43.2	64.8#

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#4

n-Nitrosodimethylamine

Concen: 35.272 ng

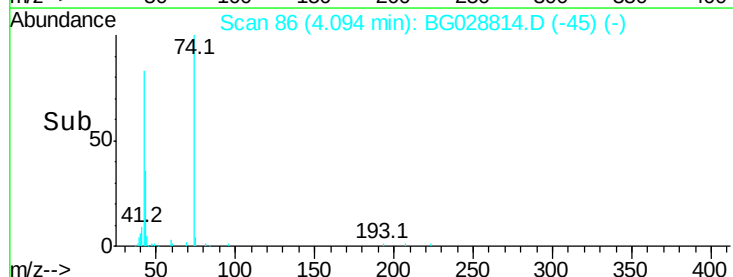
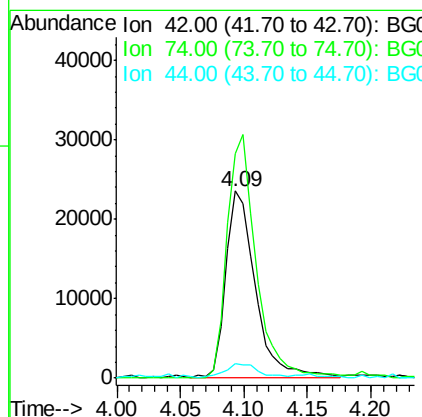
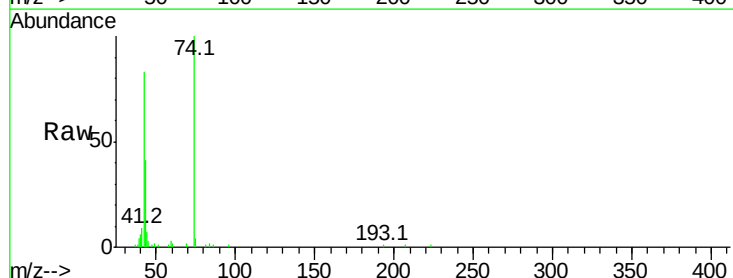
RT: 4.09 min Scan# 86

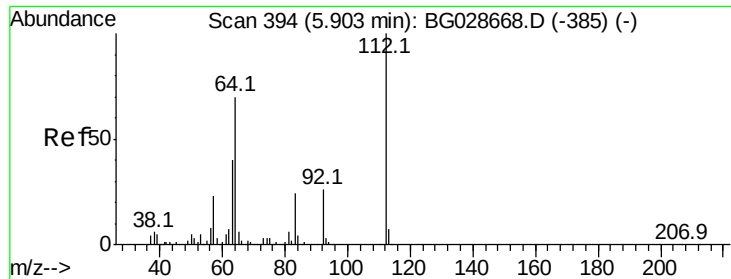
Delta R.T. -0.06 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.0	76.7	115.1#
44	7.9	6.1	9.1





#5

2-Fluorophenol

Concen: 130.415 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

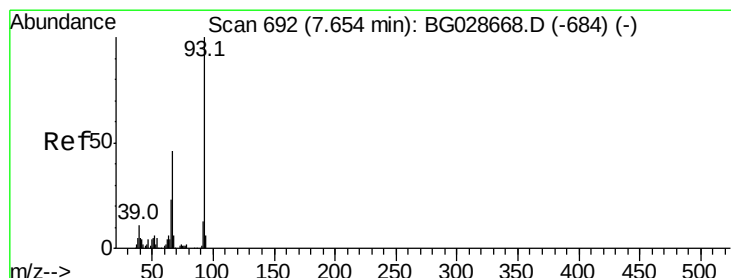
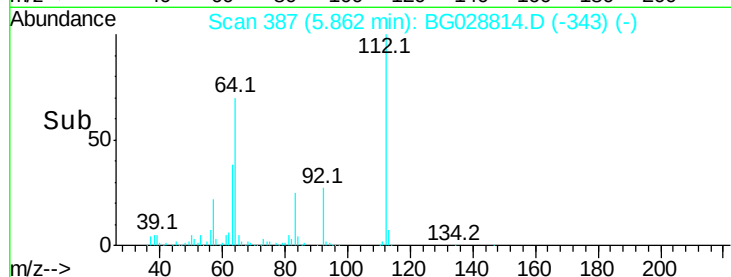
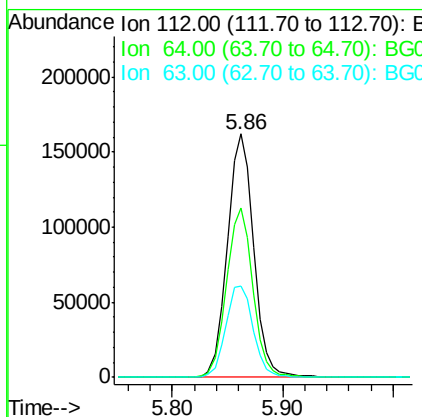
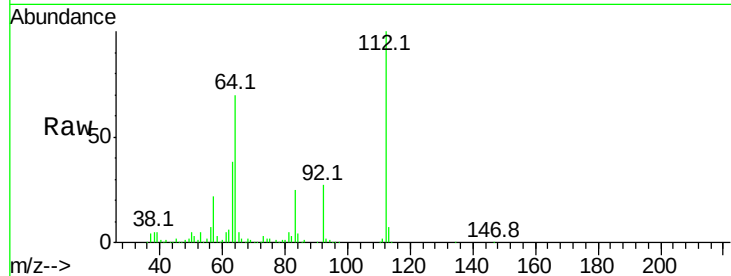
ClientSampleId :

OK-01-091417MSD

Tot Ion:	112	Resp:	270662
Ion Ratio	Lower	Upper	
112	100		
64	69.6	61.8	92.6
63	37.6	37.2	55.8

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#6

Aniline

Concen: 21.892 ng

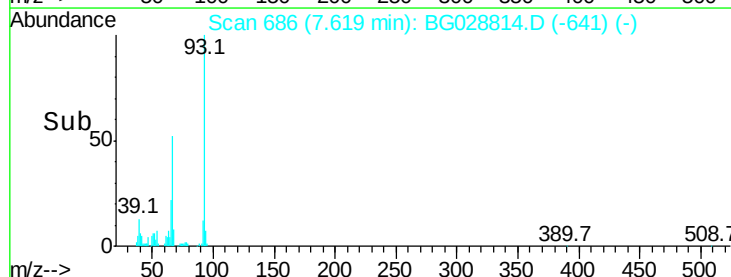
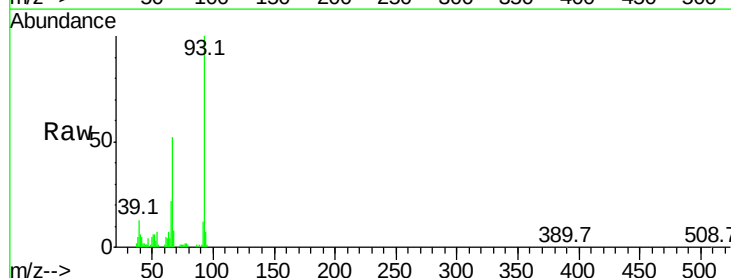
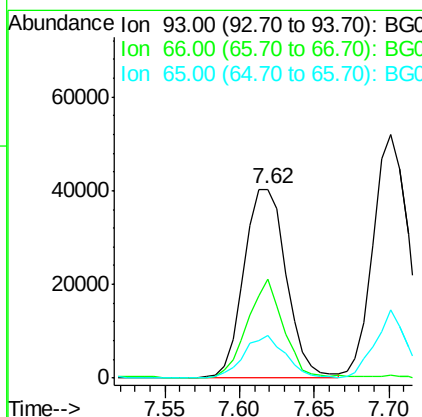
RT: 7.62 min Scan# 686

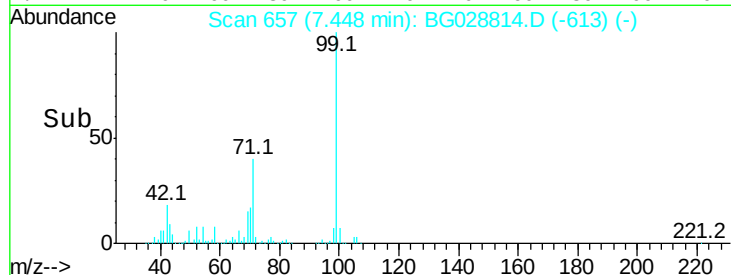
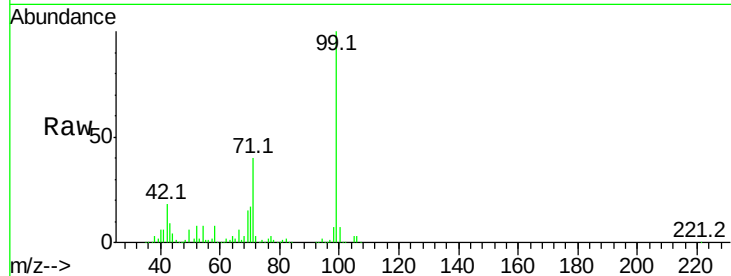
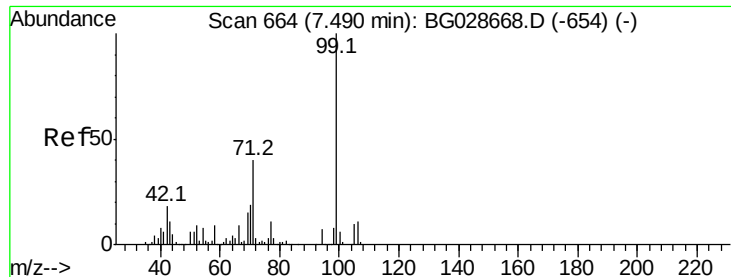
Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	93	Resp:	79613
Ion Ratio	Lower	Upper	
93	100		
66	52.1	35.4	53.2
65	22.5	21.2	31.8





#7

Phenol-d6

Concen: 112.515 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tot Ion	99	Resp	351583
Ion Ratio	Lower	Upper	
99	100		
42	18.1	20.5	30.7#
71	40.0	37.6	56.4

Instrument :

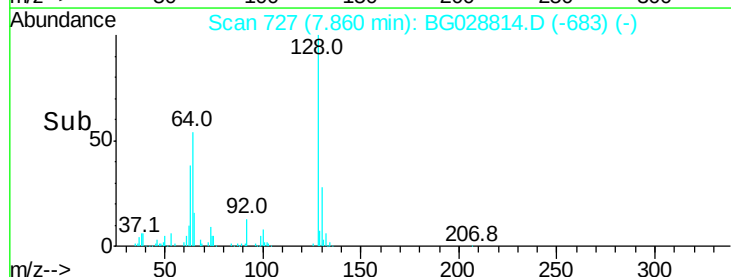
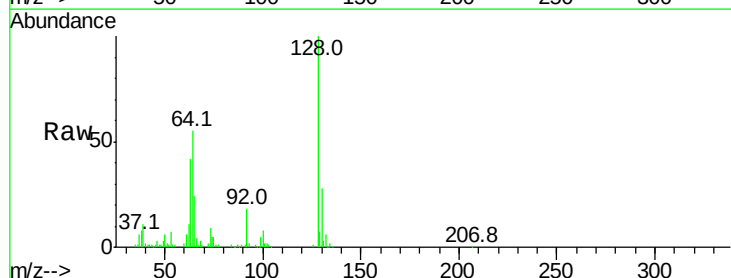
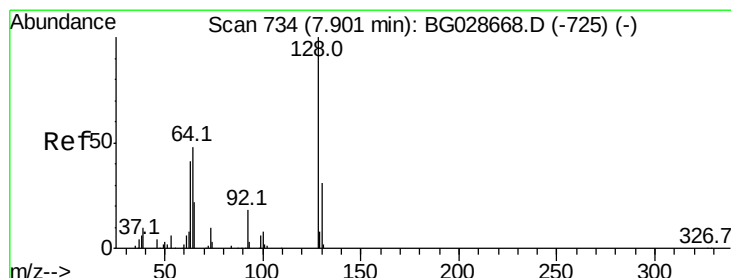
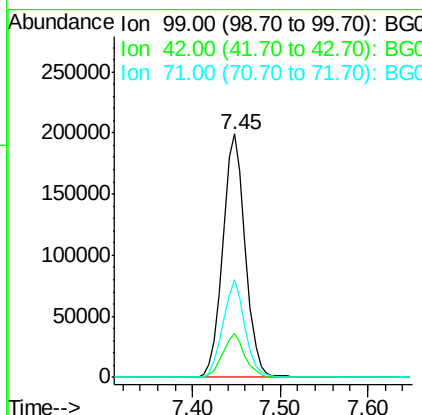
BNA_G

ClientSampleId :

OK-01-091417MSD

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#8

2-Chlorophenol

Concen: 38.198 ng

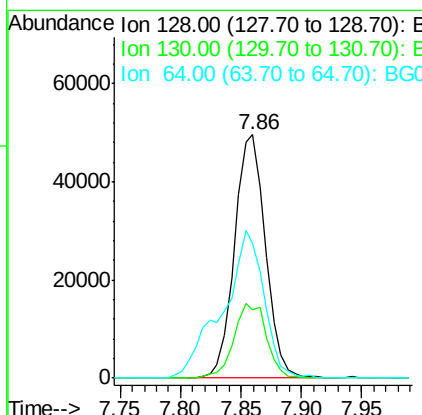
RT: 7.86 min Scan# 727

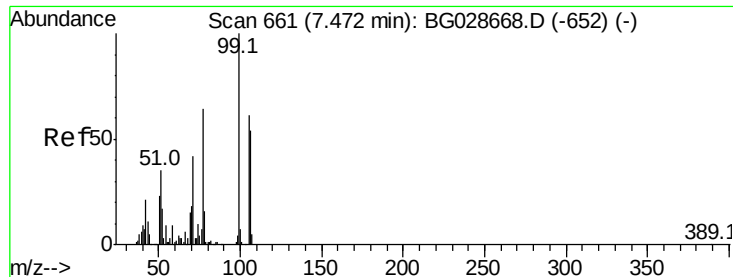
Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion	128	Resp	88374
Ion Ratio	Lower	Upper	
128	100		
130	28.3	11.4	51.4
64	55.3	46.6	86.6





#9

Benzaldehyde

Concen: 16.617 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

ClientSampleId :

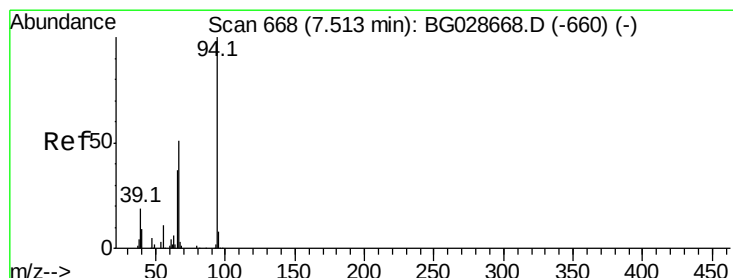
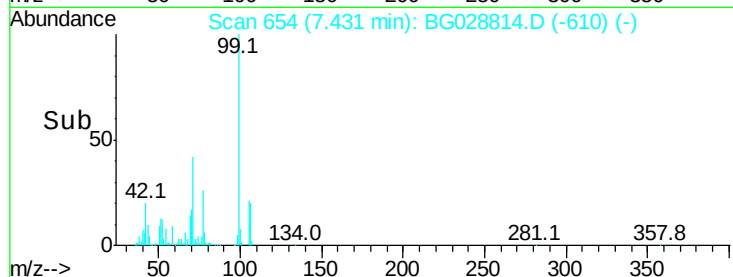
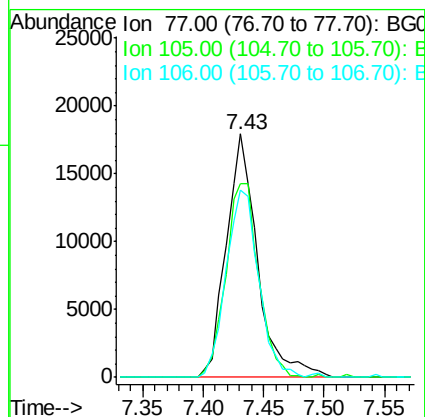
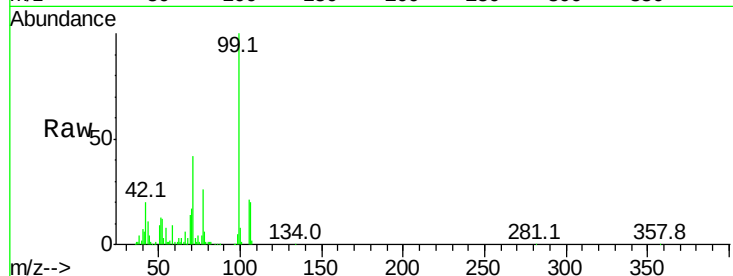
OK-01-091417MSD

Tot Ion:	77	Resp:	32215
Ion	Ratio	Lower	Upper
77	100		
105	79.4	60.9	100.9
106	76.7	55.1	95.1

Manual Integrations
APPROVED

Sohil

9/19/2017 5:32:59 PM



#10

Phenol

Concen: 33.827 ng

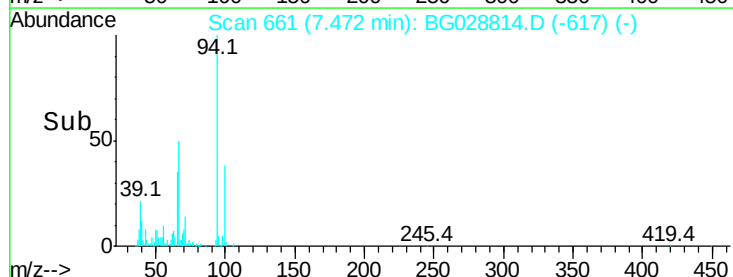
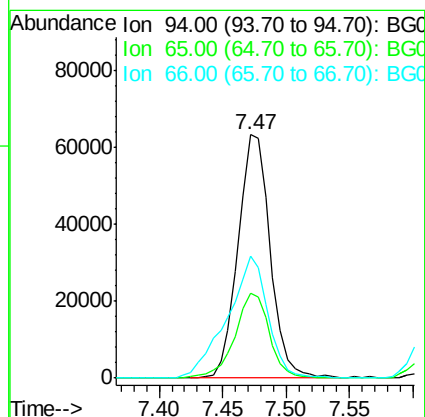
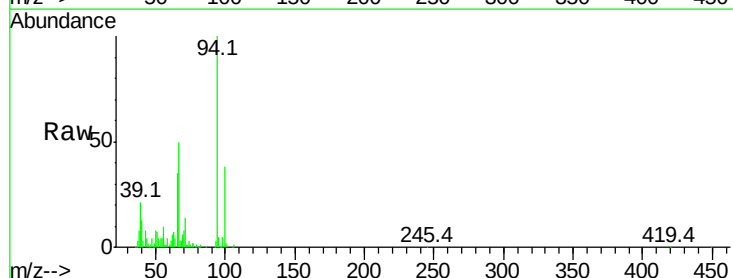
RT: 7.47 min Scan# 661

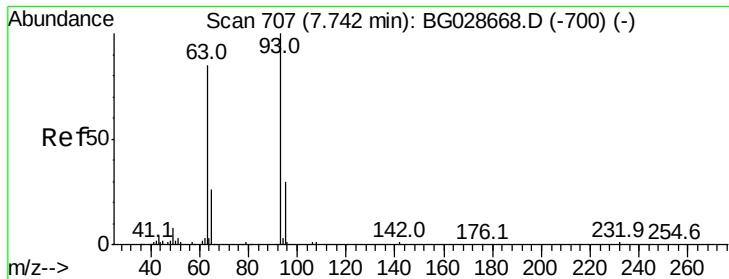
Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	94	Resp:	111553
Ion	Ratio	Lower	Upper
94	100		
65	34.8	20.6	60.6
66	49.9	35.5	75.5





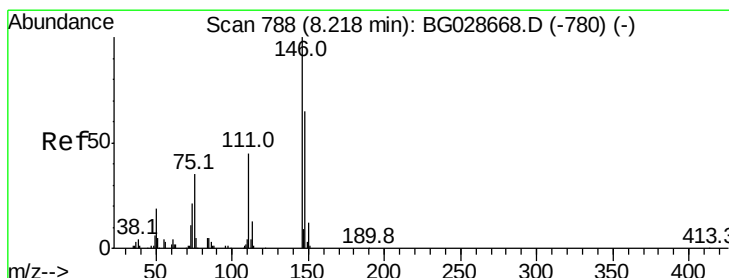
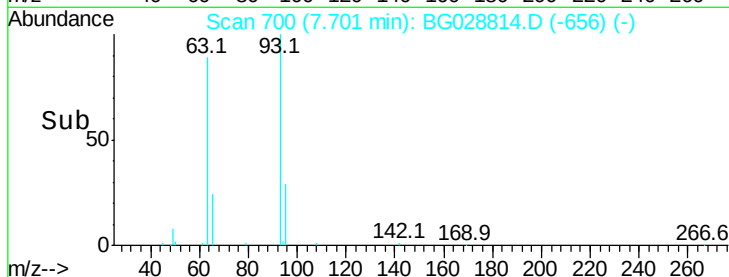
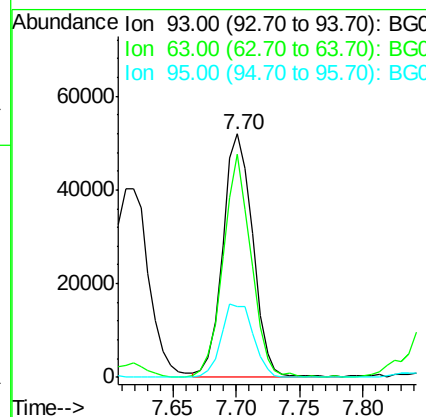
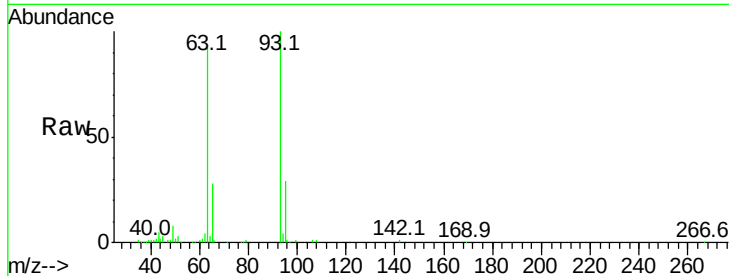
#11
bis(2-Chloroethyl)ether
Concen: 36.188 ng
RT: 7.70 min Scan# 700
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.8	78.5	118.5
95	28.9	9.8	49.8

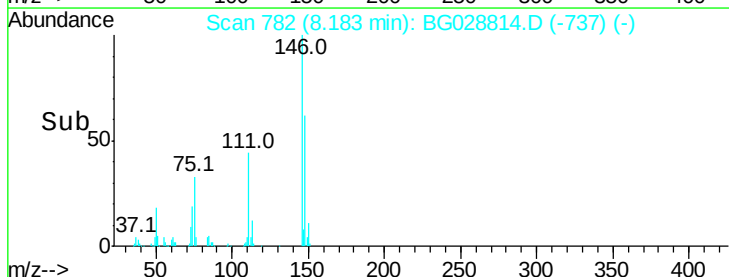
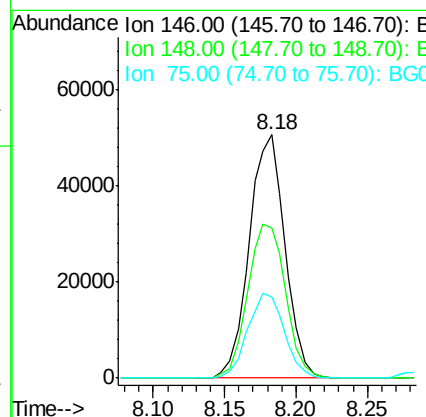
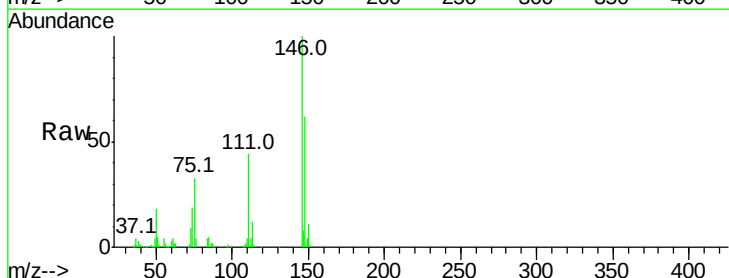
Manual Integrations
APPROVED

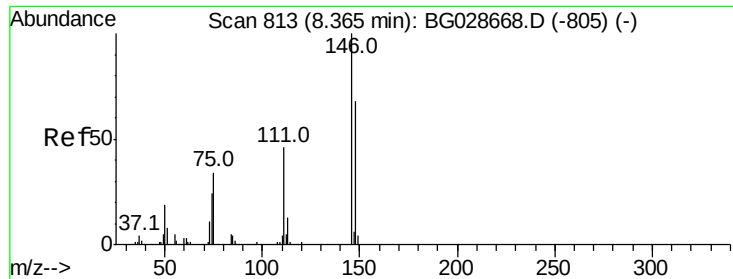
Sohil
9/19/2017 5:32:59 PM



#12
1,3-Dichlorobenzene
Concen: 35.418 ng m
RT: 8.18 min Scan# 782
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	49.2	73.8
75	33.4	33.4	50.2#





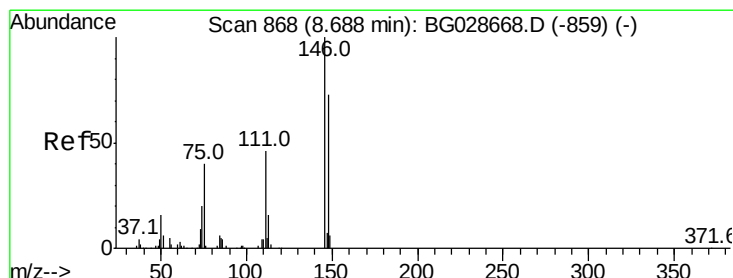
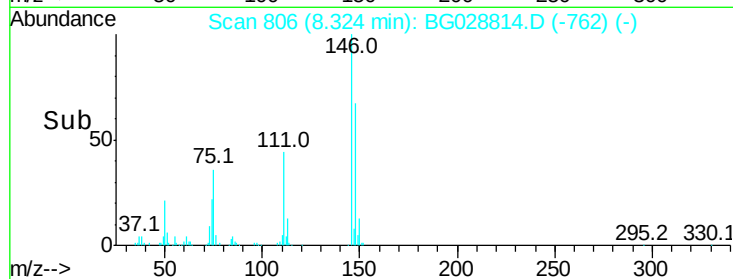
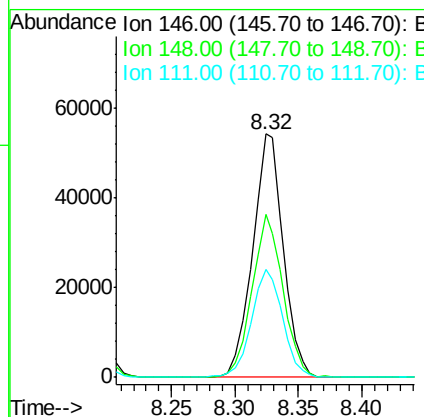
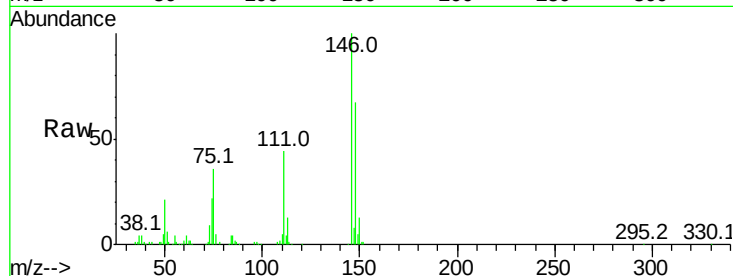
#13
 1,4-Dichlorobenzene
 Concen: 35.585 ng
 RT: 8.32 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.2	78.2
111	44.3	37.0	55.6

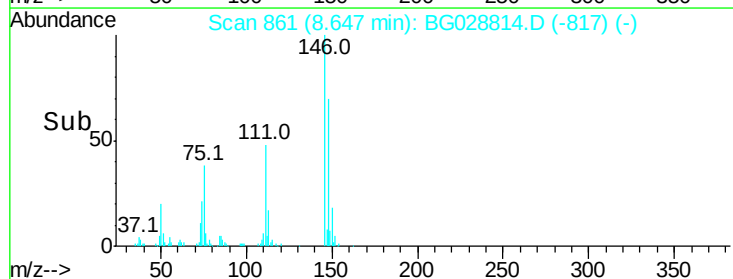
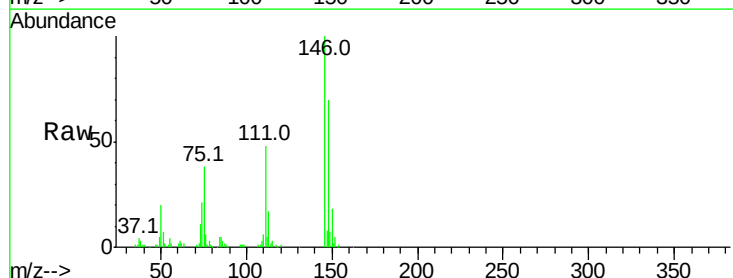
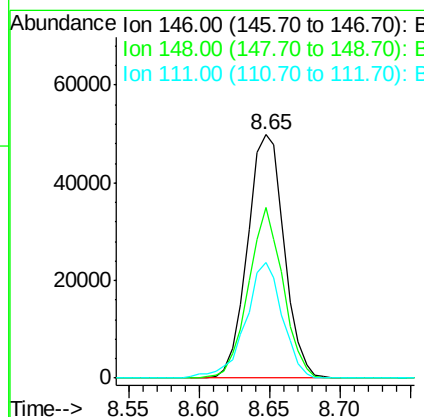
Manual Integrations
 APPROVED

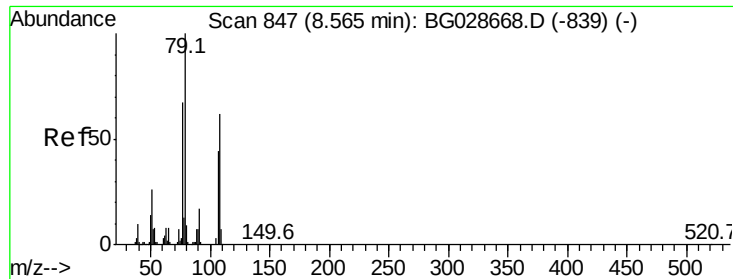
Sohil
 9/19/2017 5:32:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.844 ng
 RT: 8.65 min Scan# 861
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.0	54.6	81.8
111	47.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 38.462 ng

RT: 8.53 min Scan# 841

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

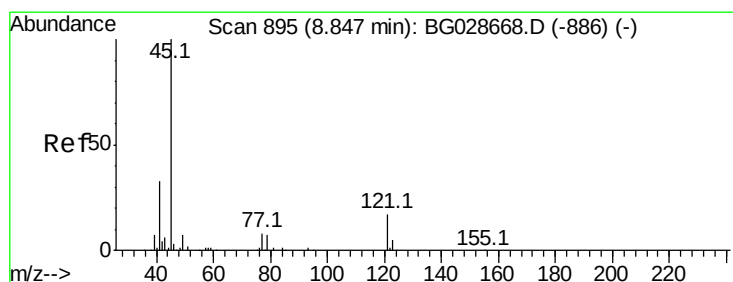
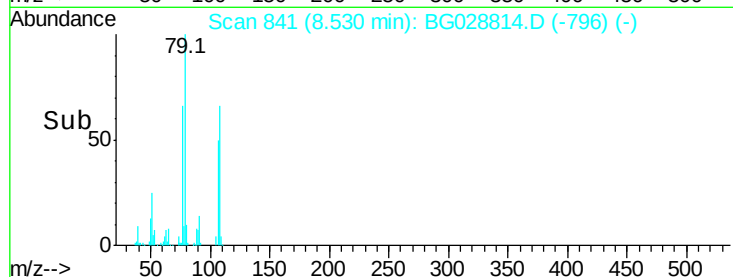
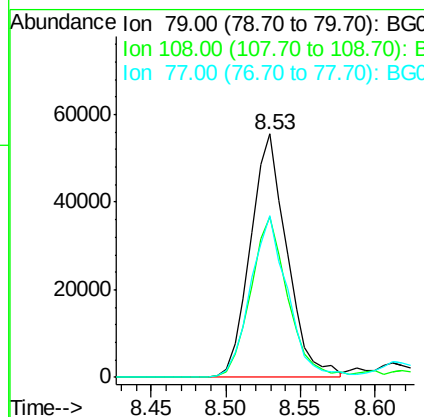
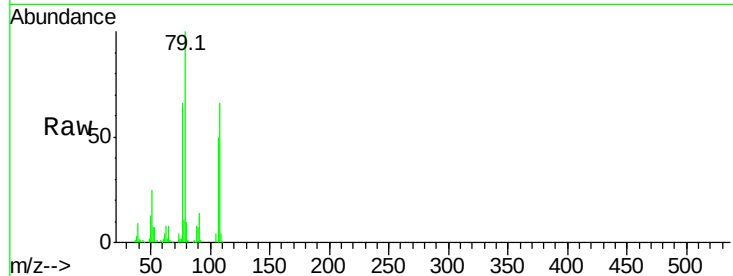
ClientSampleId :

OK-01-091417MSD

Tot Ion:	79	Resp:	93820
Ion Ratio	Lower	Upper	
79	100		
108	66.0	45.5	68.3
77	66.2	54.3	81.5

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.856 ng

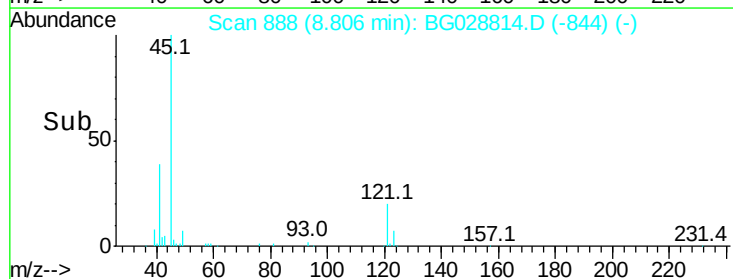
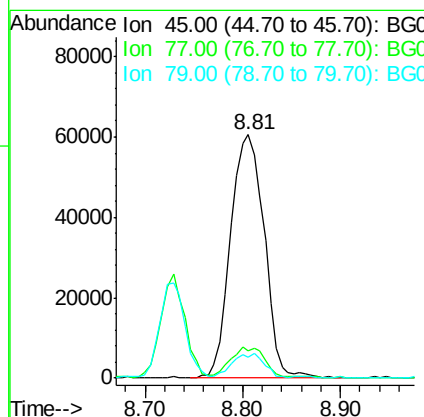
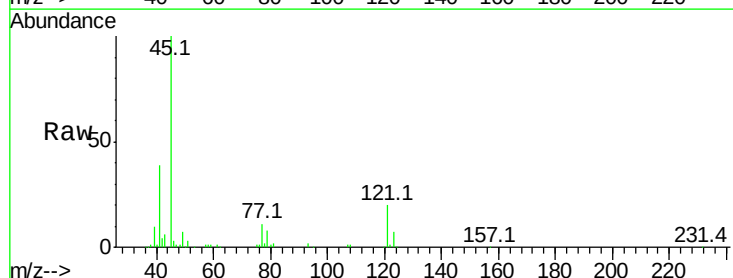
RT: 8.81 min Scan# 888

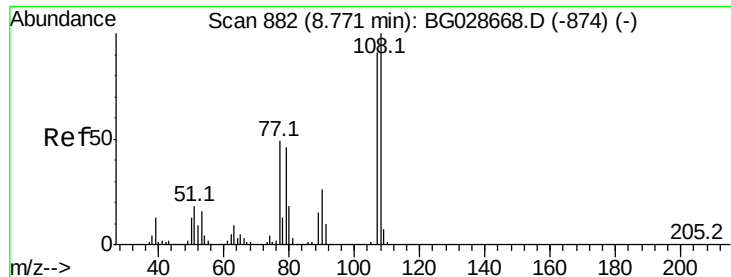
Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	45	Resp:	145681
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.6
79	8.4	0.0	28.5





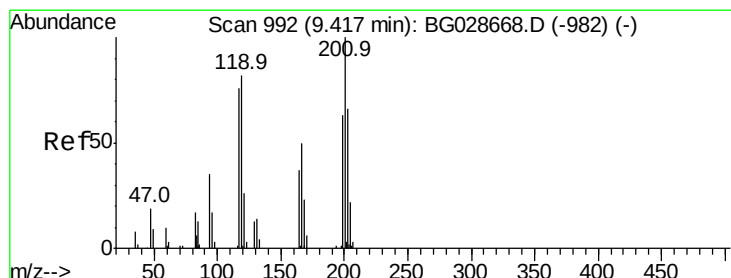
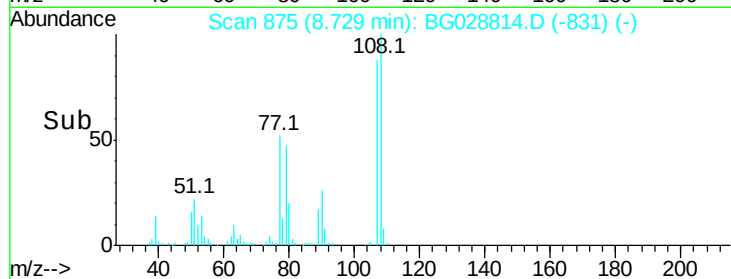
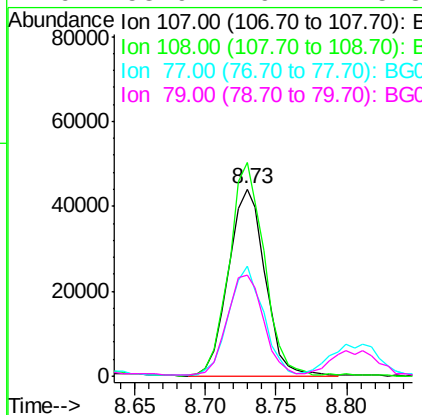
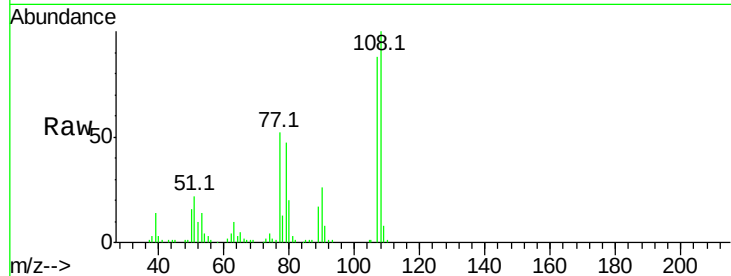
#17
2-Methylphenol
Concen: 37.171 ng
RT: 8.73 min Scan# 875
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	85.6	128.4	
77	58.9	51.4	77.2	
79	53.9	49.2	73.8	

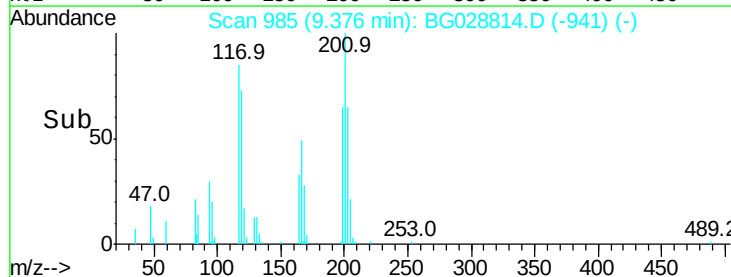
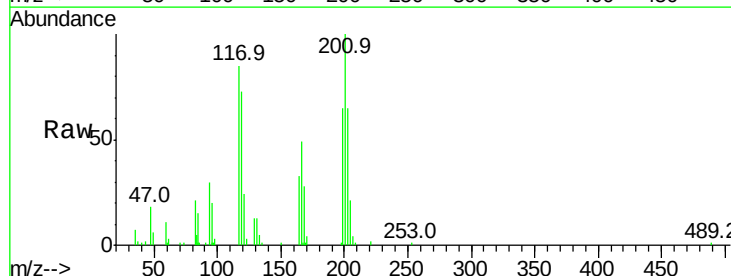
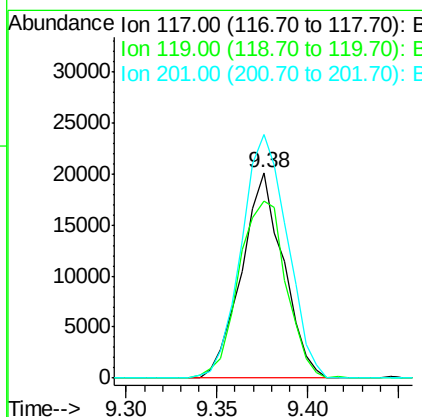
Manual Integrations
APPROVED

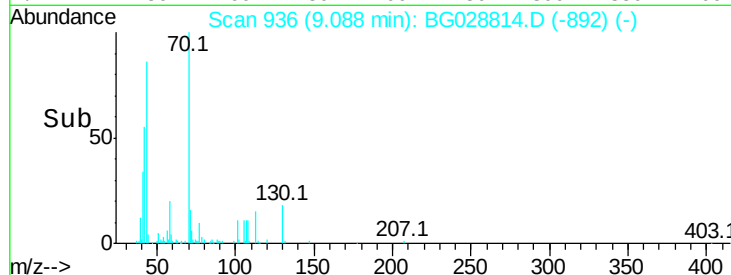
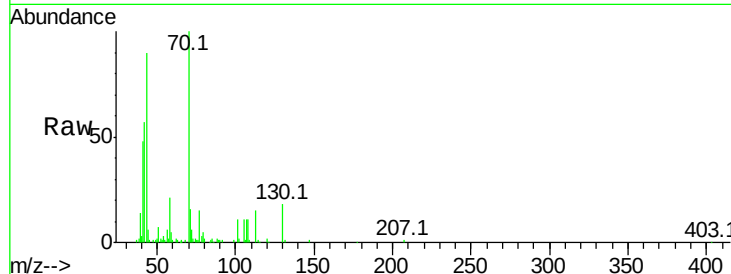
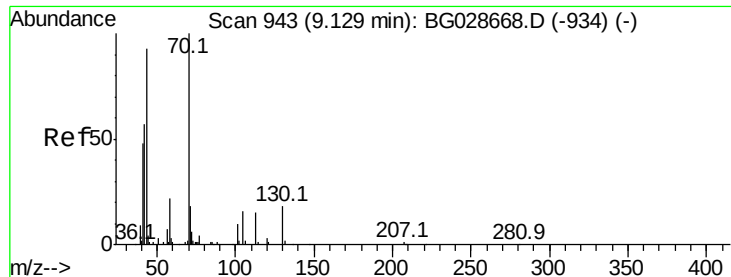
Sohil
9/19/2017 5:32:59 PM



#18
Hexachloroethane
Concen: 34.455 ng
RT: 9.38 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	86.2	69.8	104.6	
201	118.3	95.4	143.0	





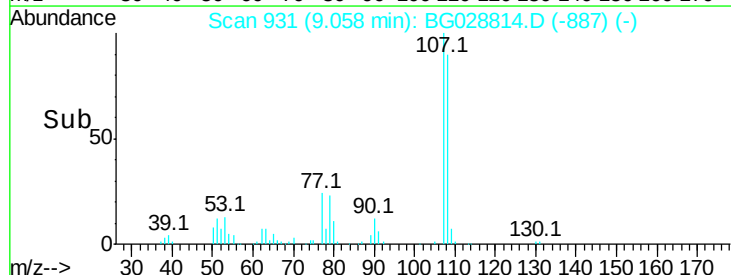
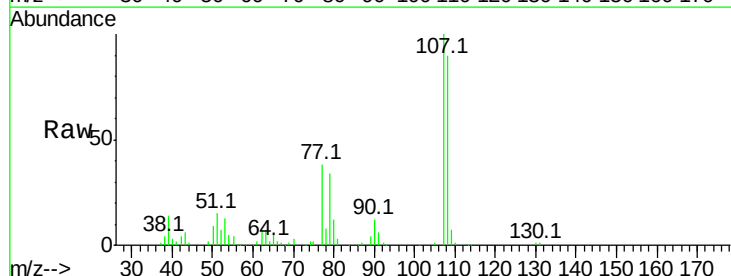
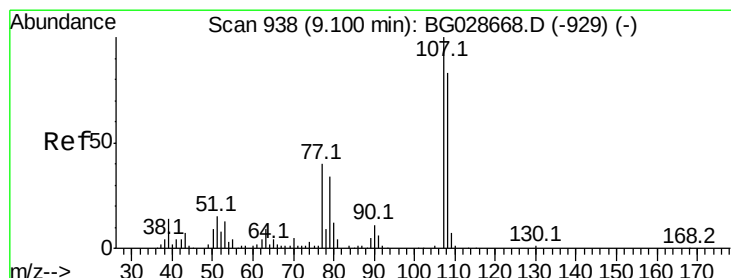
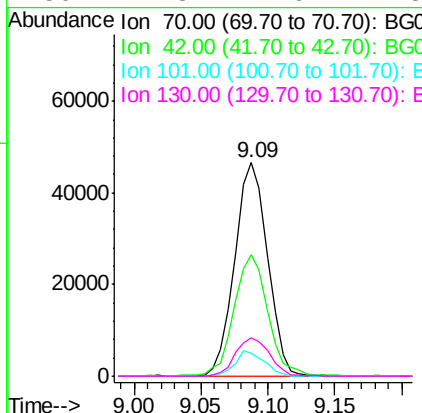
#19
n-Nitroso-di-n-propylamine
Concen: 35.918 ng
RT: 9.09 min Scan# 936
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.0	56.1	84.1	
101	10.8	7.5	11.3	
130	17.8	14.6	21.8	

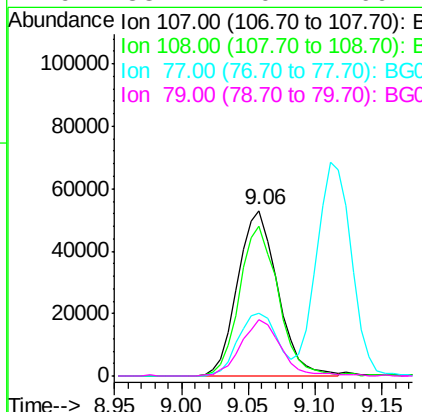
Manual Integrations
APPROVED

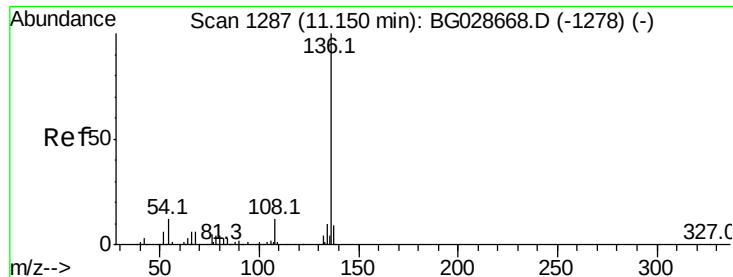
Sohil
9/19/2017 5:32:59 PM



#20
3+4-Methylphenols
Concen: 36.534 ng
RT: 9.06 min Scan# 931
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	70.8	110.8	
77	38.0	25.8	65.8	
79	33.7	20.1	60.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

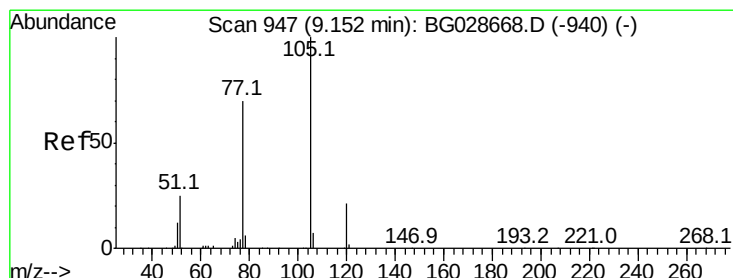
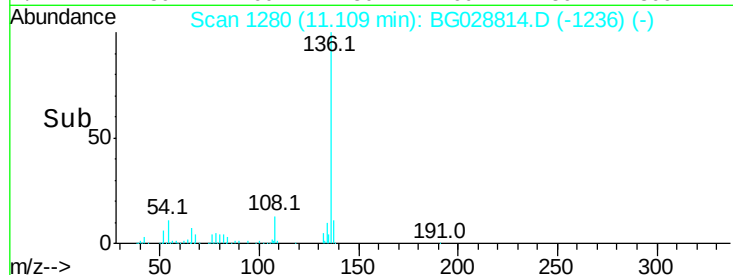
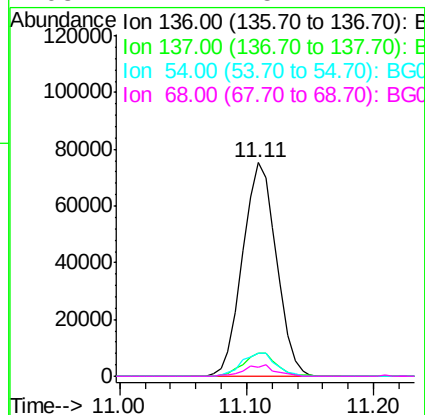
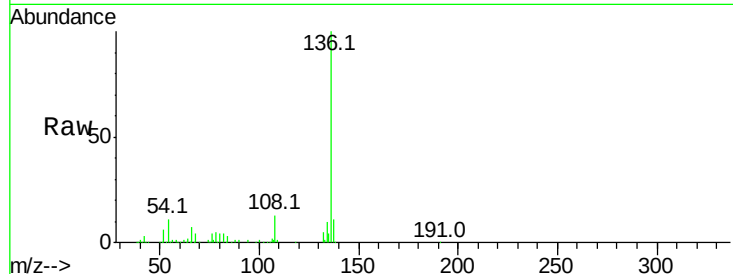
ClientSampleId :

OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	10.9	9.3	13.9	
68	4.1	5.1	7.7	

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#22

Acetophenone

Concen: 35.788 ng

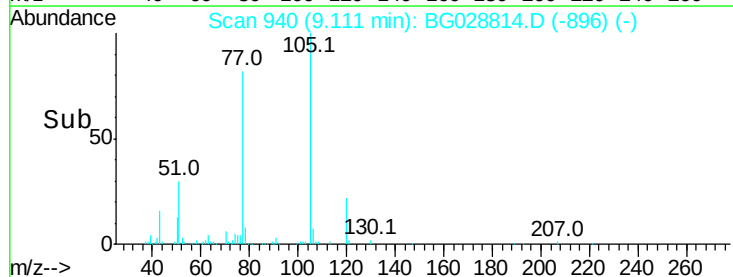
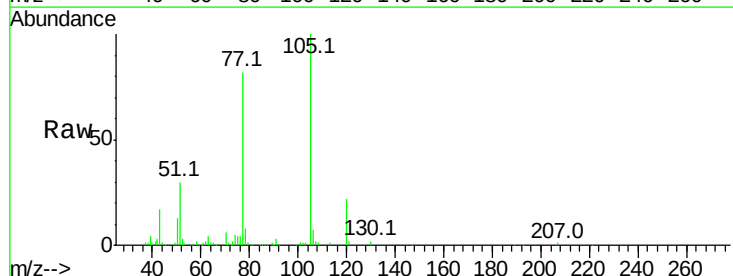
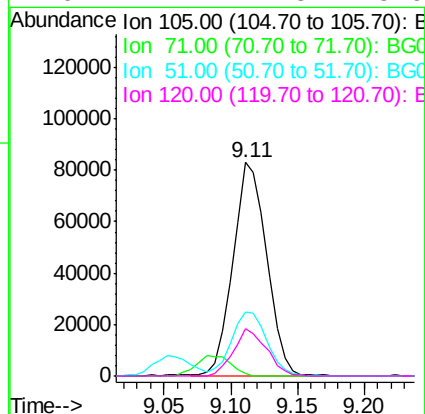
RT: 9.11 min Scan# 940

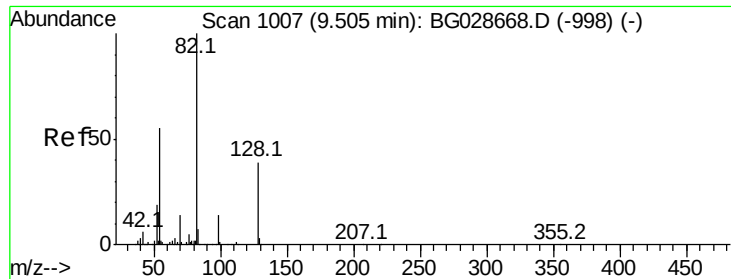
Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	0.9	1.3	
51	29.8	34.0	51.0	
120	22.4	17.3	25.9	





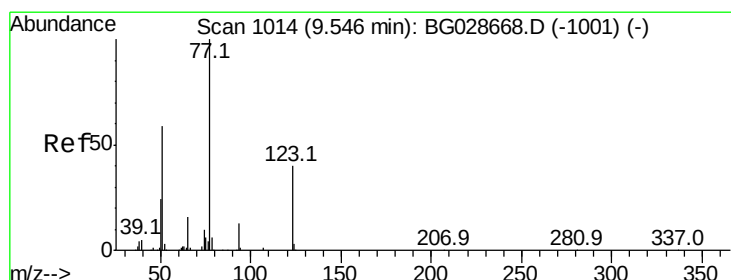
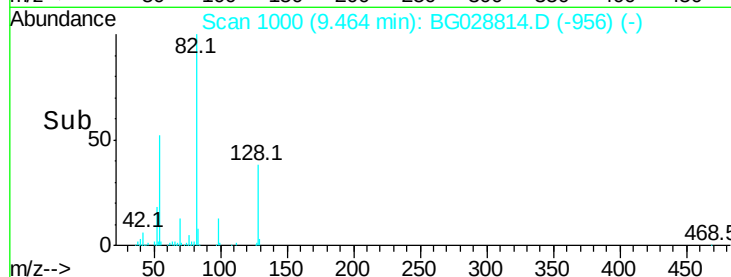
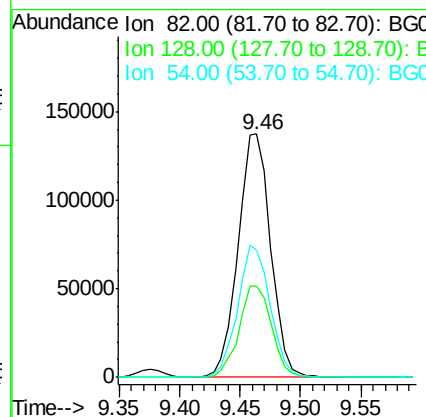
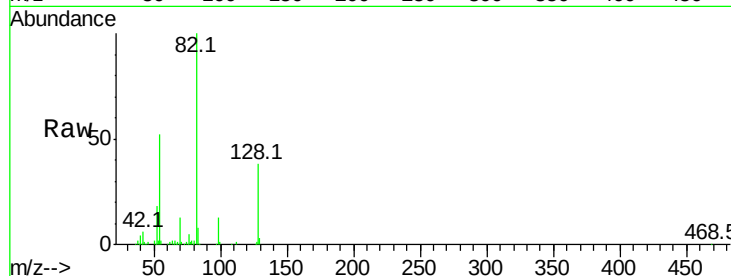
#23
 Nitrobenzene-d5
 Concen: 88.508 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	257818		
128	37.7	26.4	39.6	
54	52.5	49.4	74.2	

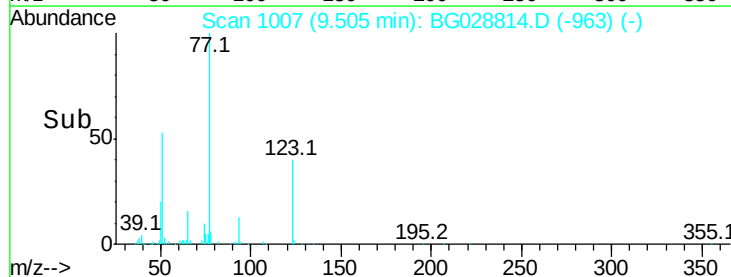
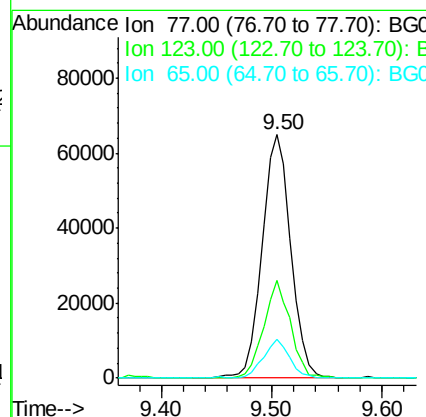
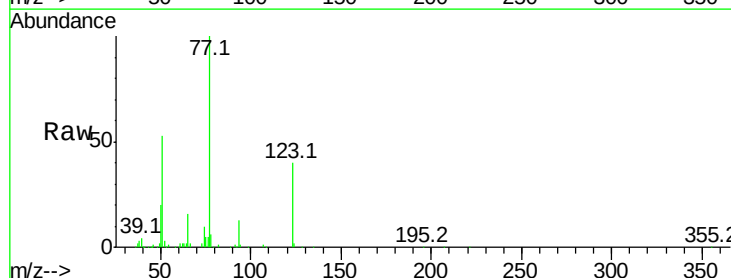
Manual Integrations
 APPROVED

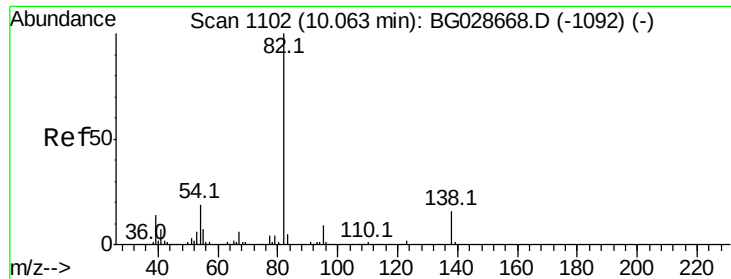
Sohil
 9/19/2017 5:32:59 PM



#24
 Nitrobenzene
 Concen: 36.509 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	117762		
123	40.0	26.1	39.1#	
65	16.1	12.4	18.6	





#25

Isophorone

Concen: 37.046 ng

RT: 10.02 min Scan# 1095

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

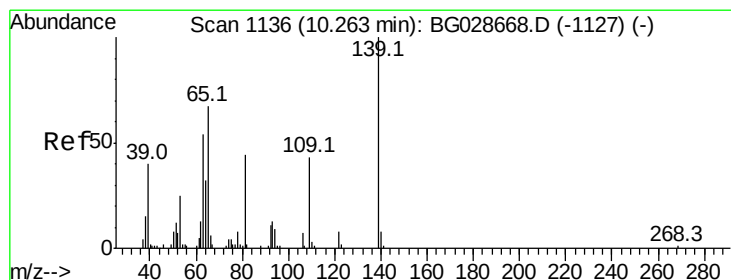
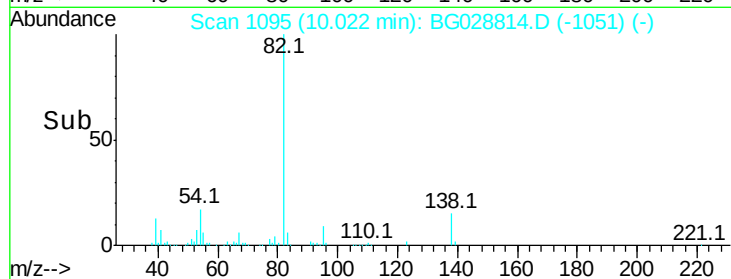
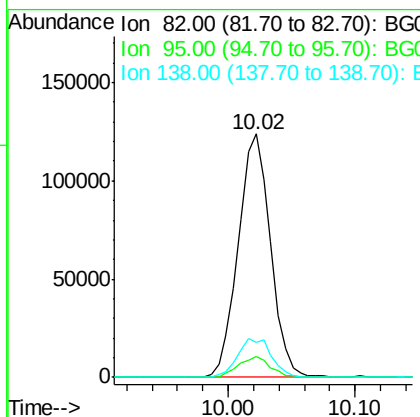
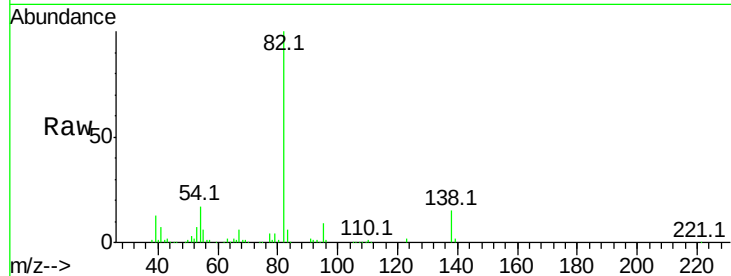
ClientSampleId :

OK-01-091417MSD

Tot Ion:	82	Resp:	218353
Ion Ratio	Lower	Upper	
82	100		
95	8.6	7.5	11.3
138	14.6	12.3	18.5

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#26

2-Nitrophenol

Concen: 36.884 ng

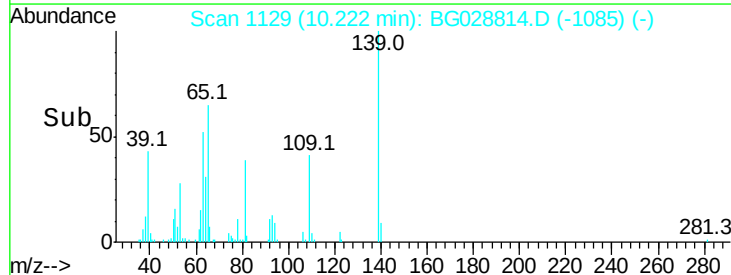
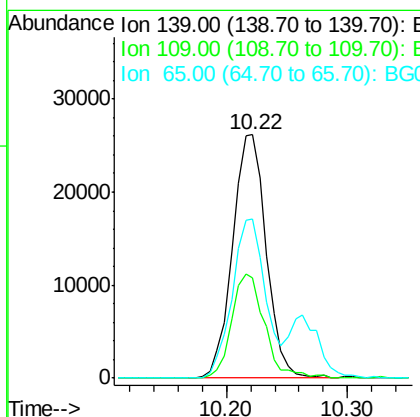
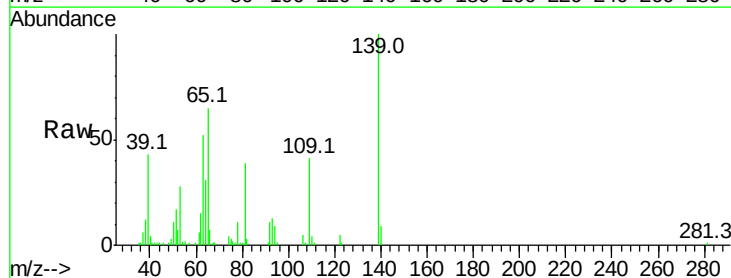
RT: 10.22 min Scan# 1129

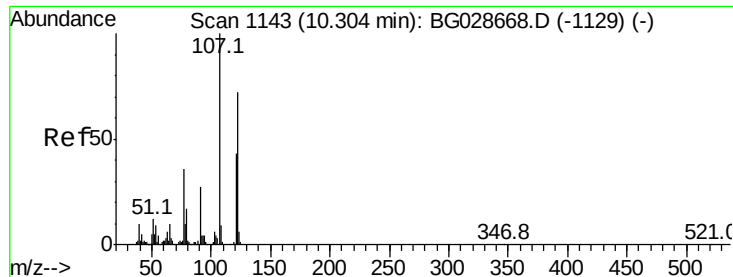
Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	139	Resp:	50634
Ion Ratio	Lower	Upper	
139	100		
109	41.3	38.6	58.0
65	65.1	57.1	85.7





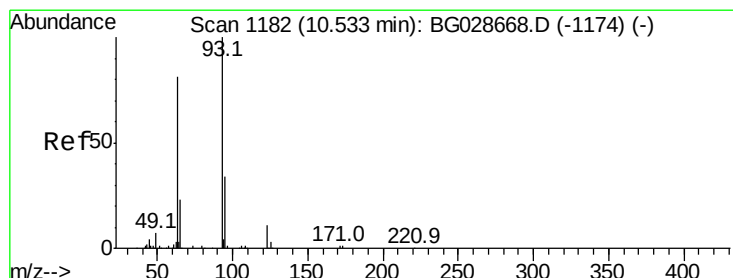
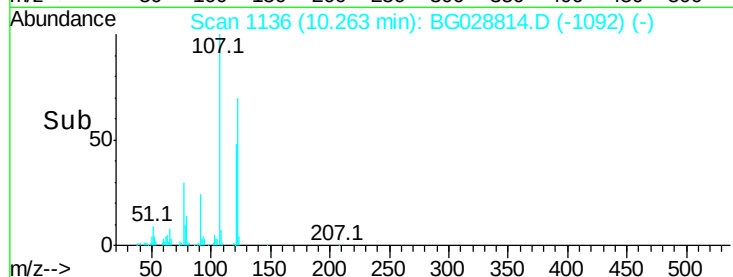
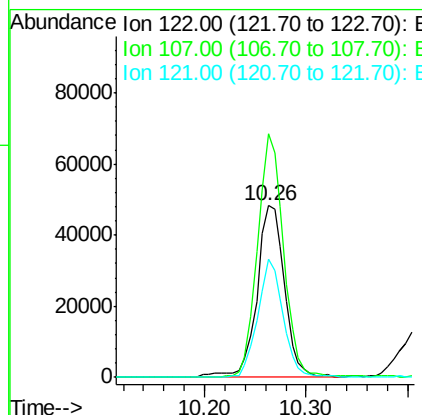
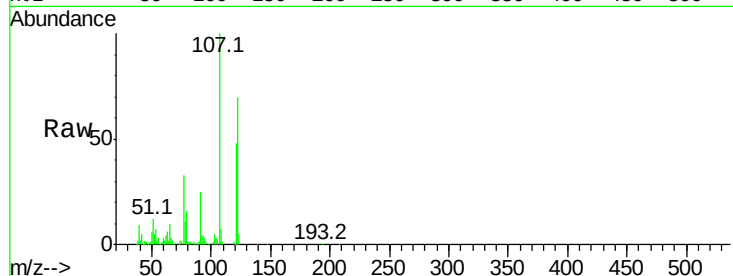
#27
2,4-Dimethylphenol
Concen: 36.569 ng
RT: 10.26 min Scan# 1136
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.9	104.2	156.4
121	68.6	46.0	69.0

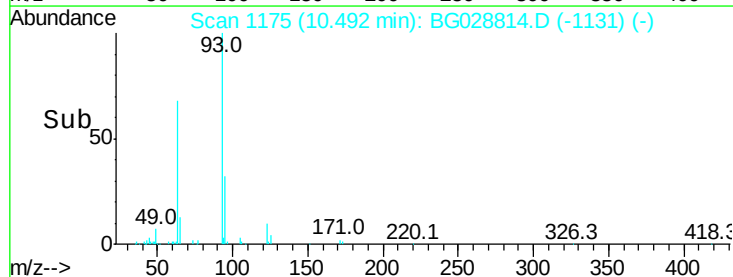
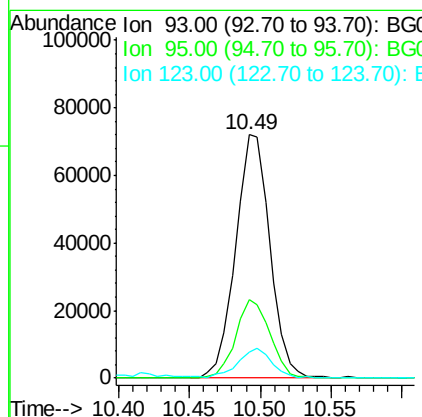
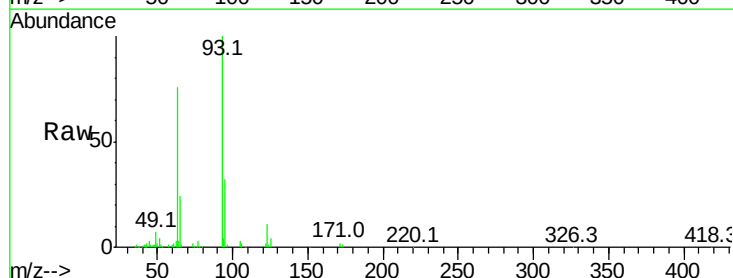
Manual Integrations
APPROVED

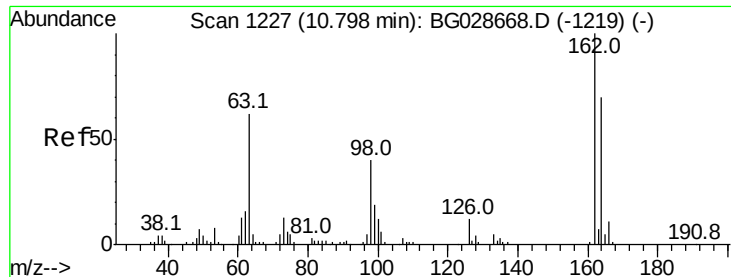
Sohil
9/19/2017 5:32:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.275 ng
RT: 10.49 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	10.7	8.3	12.5





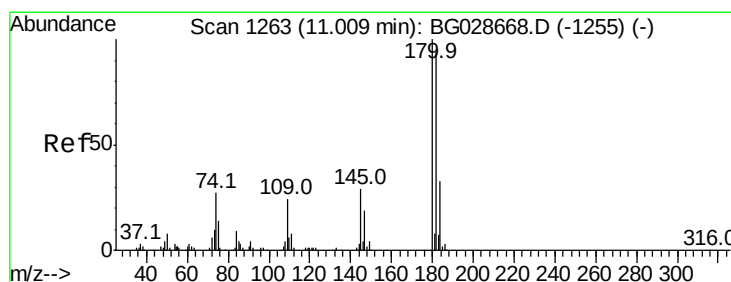
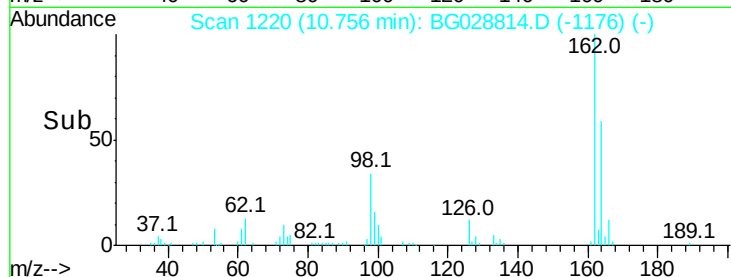
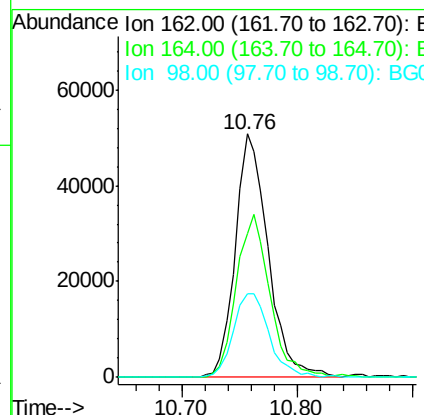
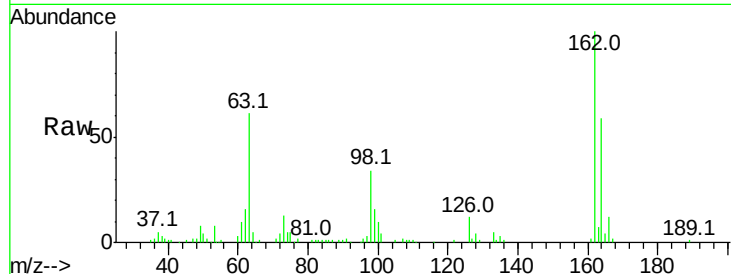
#29
2,4-Dichlorophenol
Concen: 40.067 ng
RT: 10.76 min Scan# 1220
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	59.3	42.4	82.4	
98	34.5	20.3	60.3	

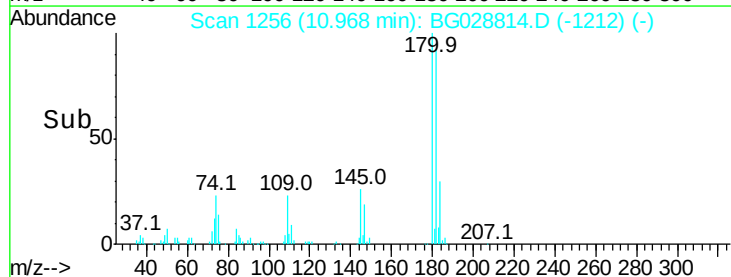
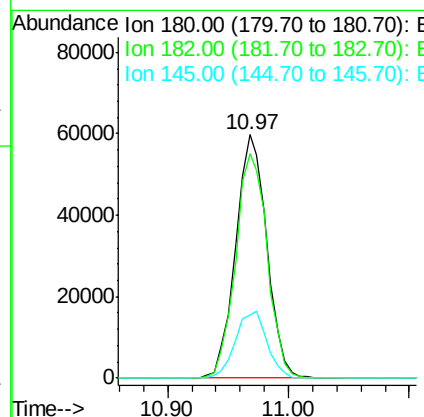
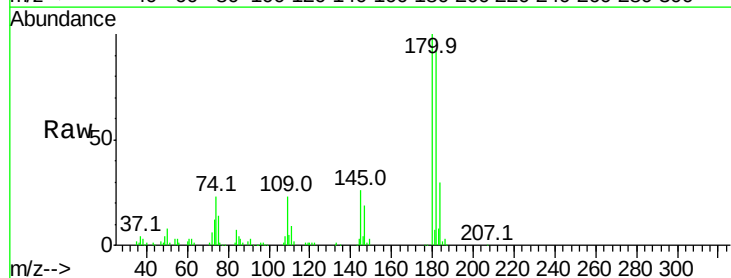
Manual Integrations
APPROVED

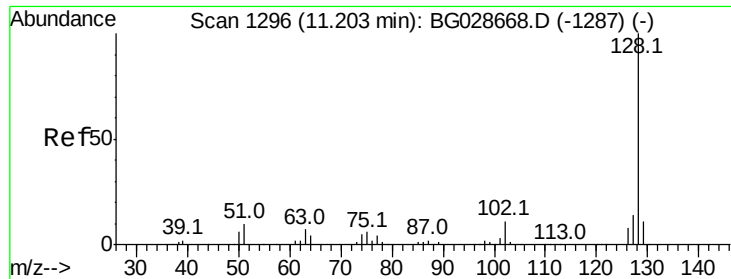
Sohil
9/19/2017 5:32:59 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.572 ng
RT: 10.97 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.4	77.0	115.4	
145	25.9	23.4	35.0	





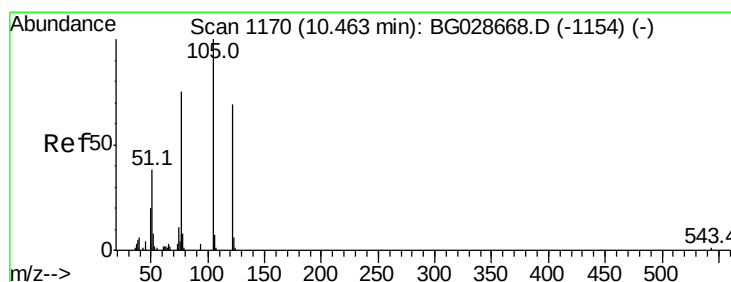
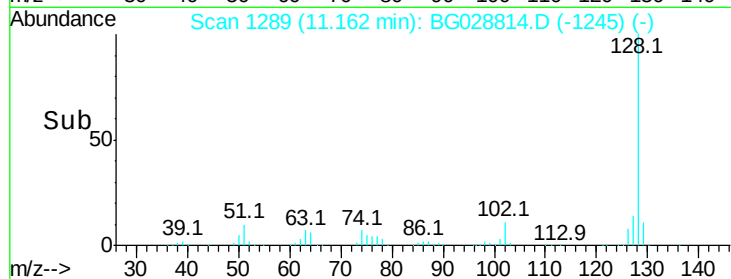
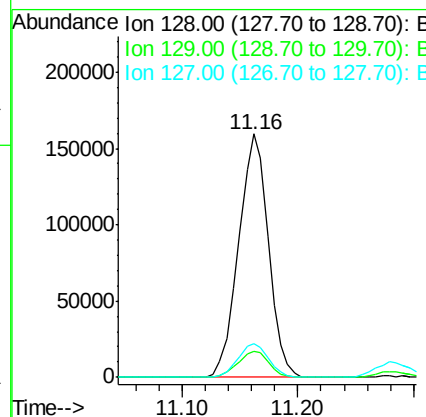
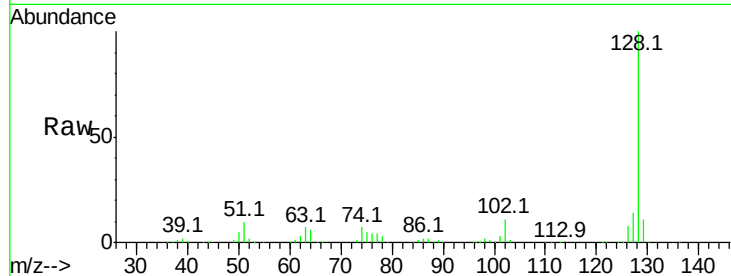
#31
Naphthalene
Concen: 39.036 ng
RT: 11.16 min Scan# 1289
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.6	9.3	13.9	
127	13.7	11.4	17.0	

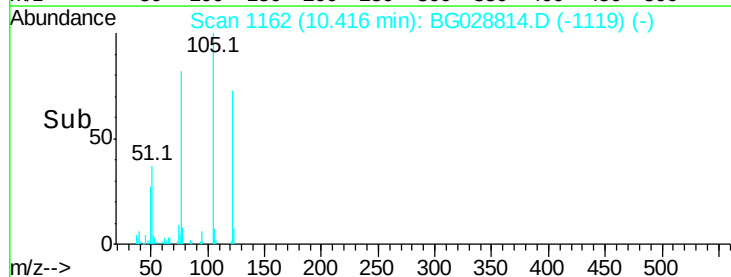
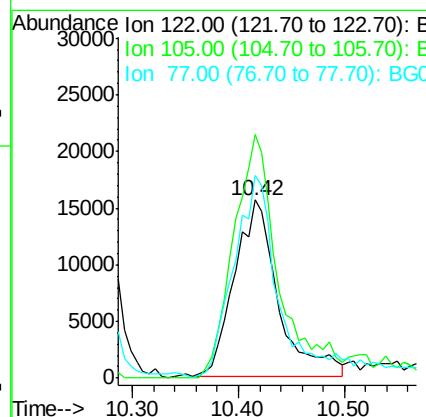
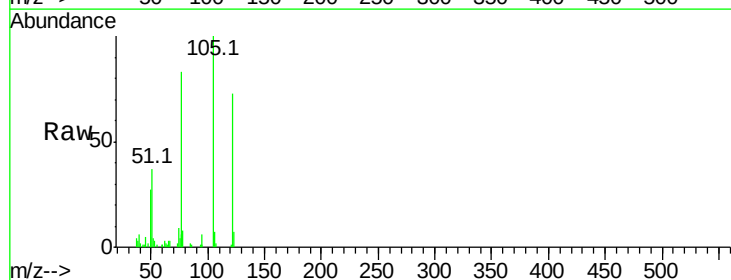
Manual Integrations
APPROVED

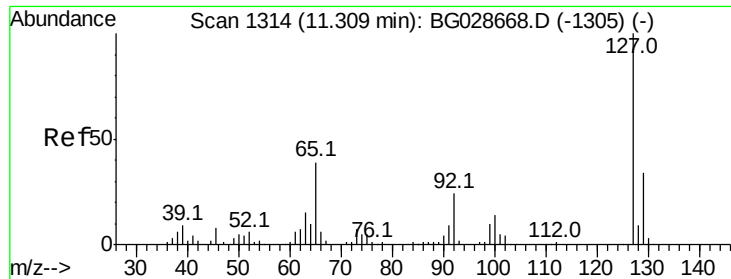
Sohil
9/19/2017 5:32:59 PM



#32
Benzoic acid
Concen: 28.067 ng
RT: 10.42 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.8	120.1	160.1	
77	113.6	104.6	144.6	





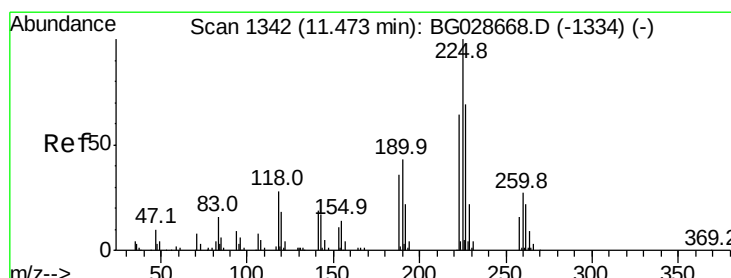
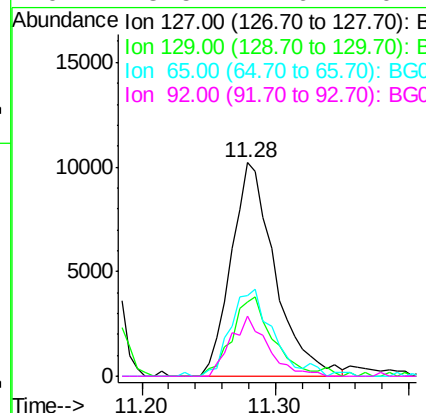
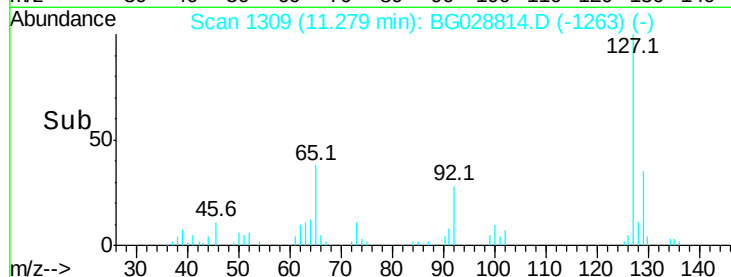
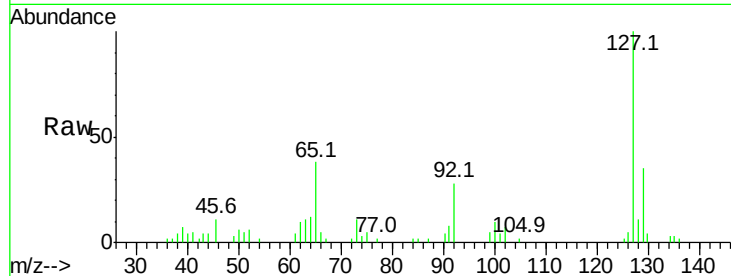
#33
4-Chloroaniline
Concen: 7.649 ng
RT: 11.28 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.7	23.6	35.4
65	37.9	37.7	56.5
92	28.5	17.6	26.4

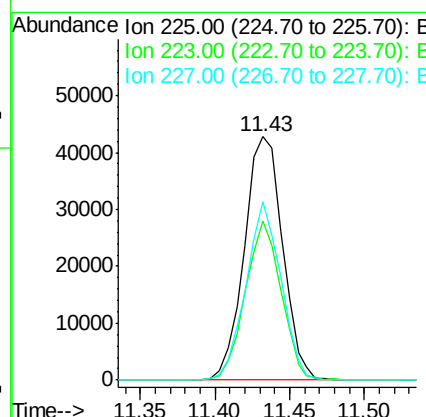
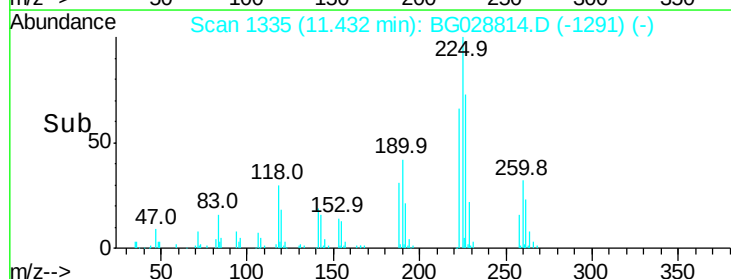
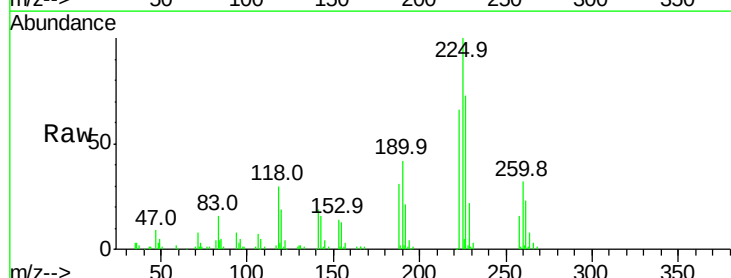
Manual Integrations
APPROVED

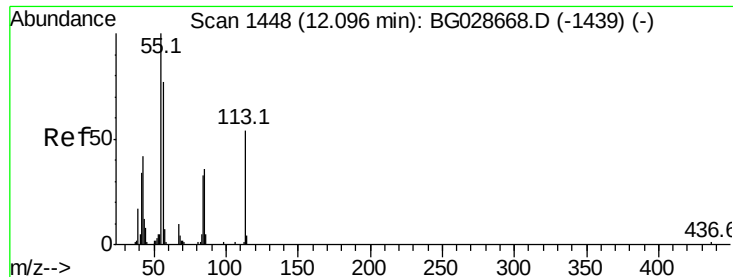
Sohil
9/19/2017 5:32:59 PM



#34
Hexachlorobutadiene
Concen: 36.166 ng
RT: 11.43 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.7	76.1
227	73.3	49.0	73.6





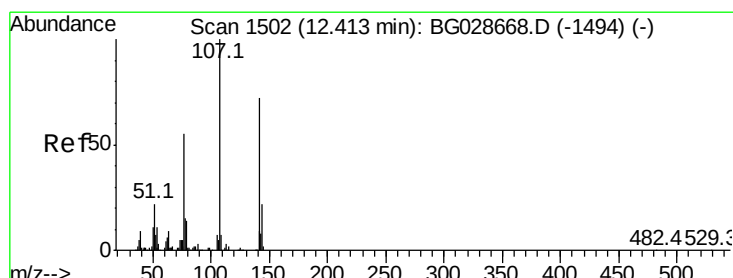
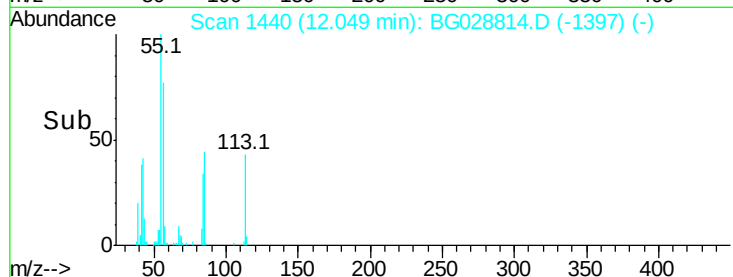
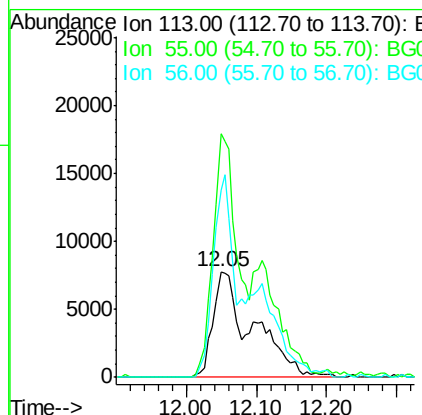
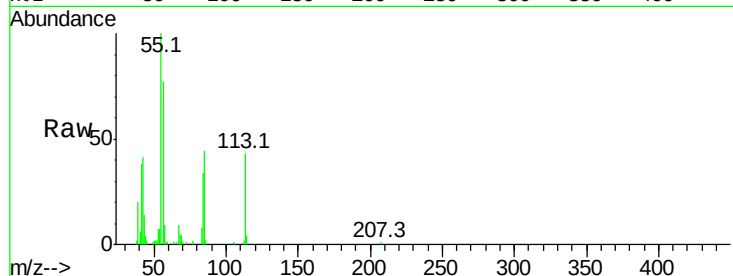
#35
 Caprolactam
 Concen: 34.279 ng/ml
 RT: 12.05 min Scan# 1440
 Delta R.T. -0.05 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	230.4	198.6	238.6
56	176.9	140.4	180.4

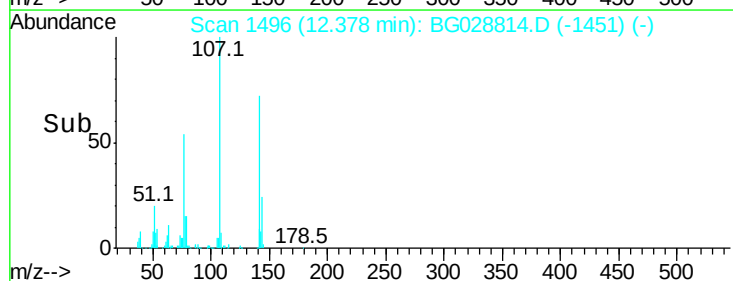
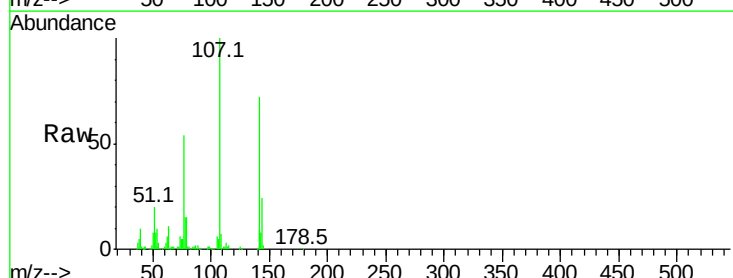
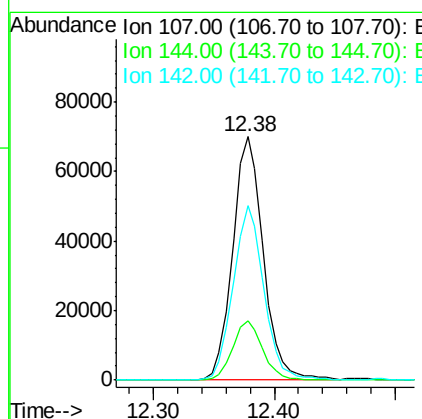
Manual Integrations
 APPROVED

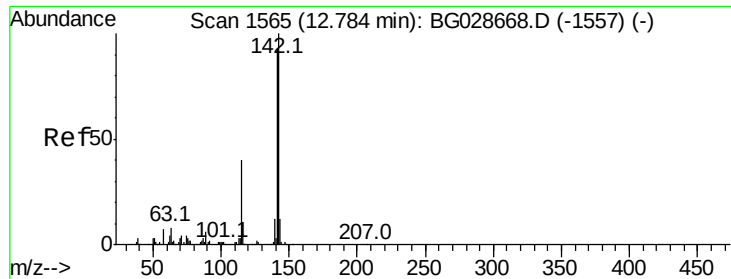
Sohil
 9/19/2017 5:32:59 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.087 ng/ml
 RT: 12.38 min Scan# 1496
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	17.4	26.0
142	71.8	54.1	81.1





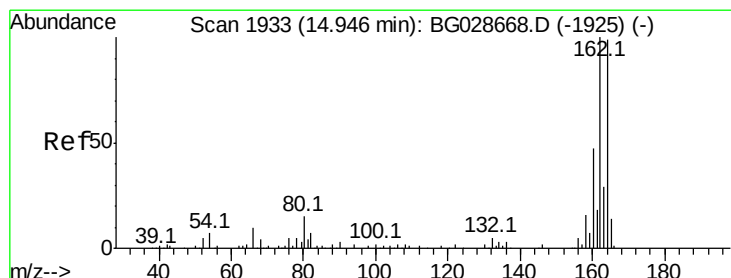
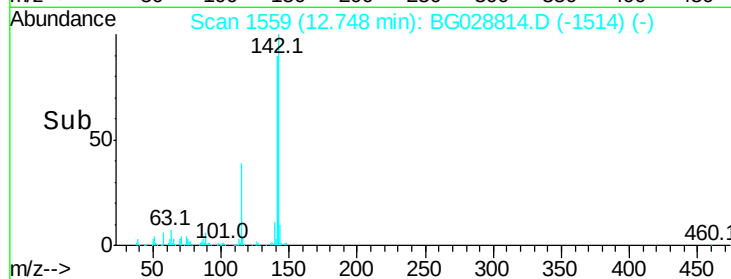
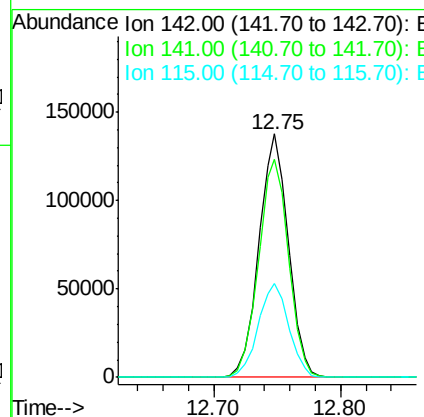
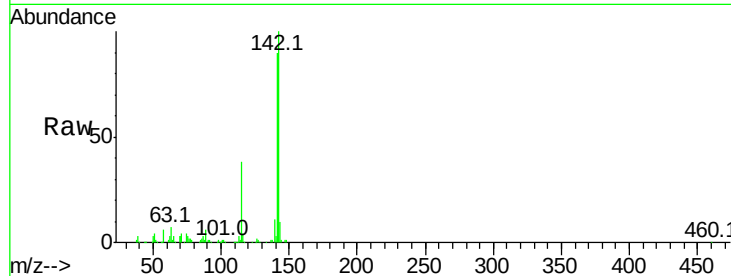
#37
2-Methylnaphthalene
Concen: 40.842 ng
RT: 12.75 min Scan# 1559
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	38.5	35.5	53.3

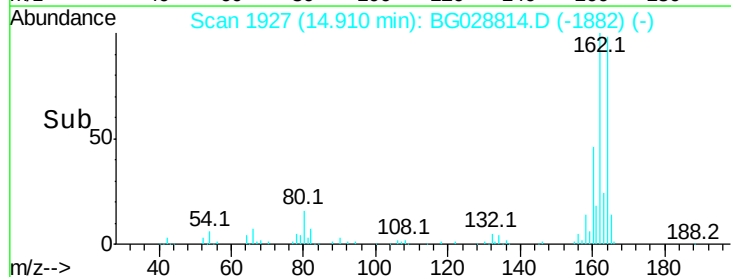
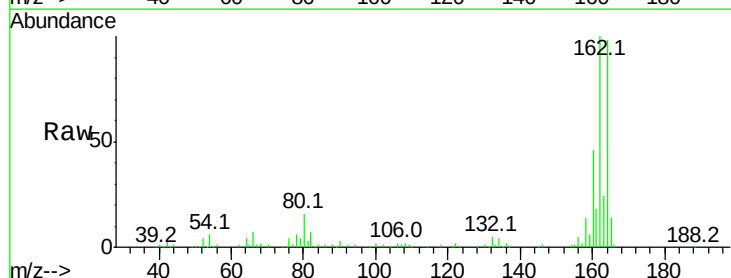
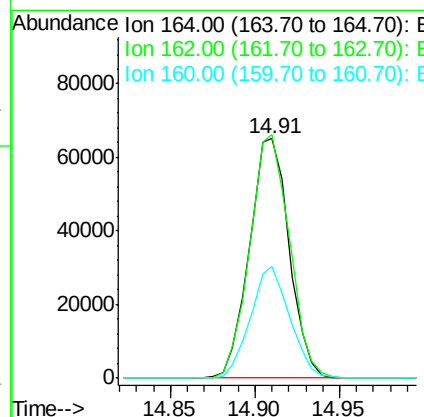
Manual Integrations
APPROVED

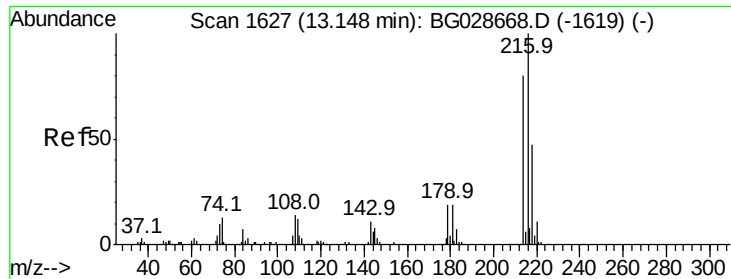
Sohil
9/19/2017 5:32:59 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.1	127.7
160	46.9	34.7	52.1





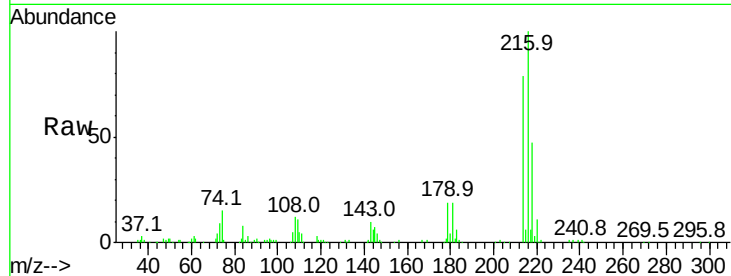
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.166 ng
 RT: 13.11 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

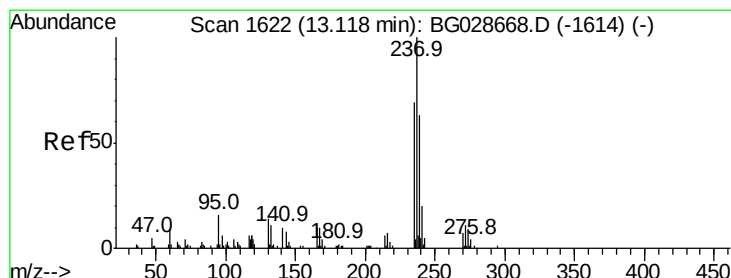
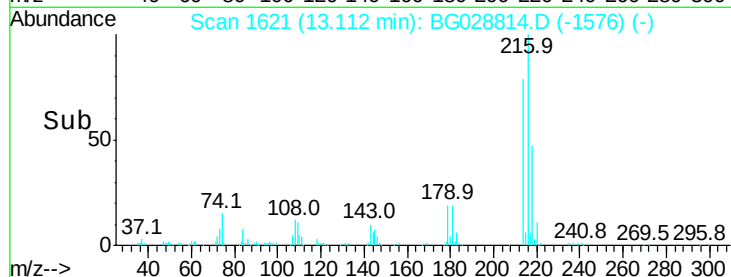
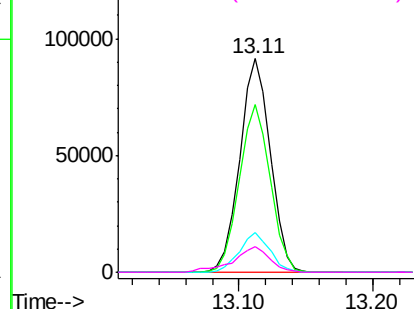
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	64.4	96.6
179	18.5	17.4	26.0
108	14.2	15.6	23.4

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:32:59 PM



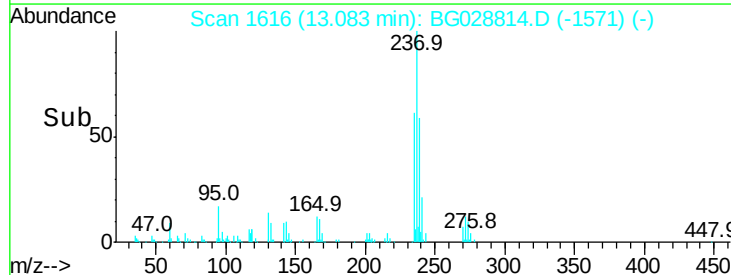
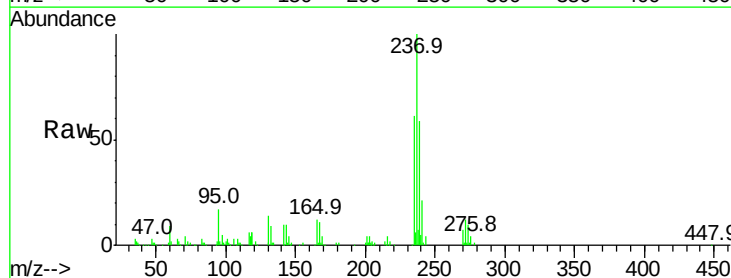
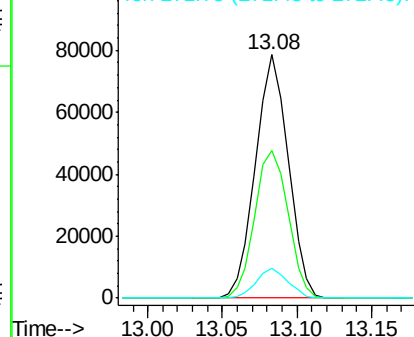
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

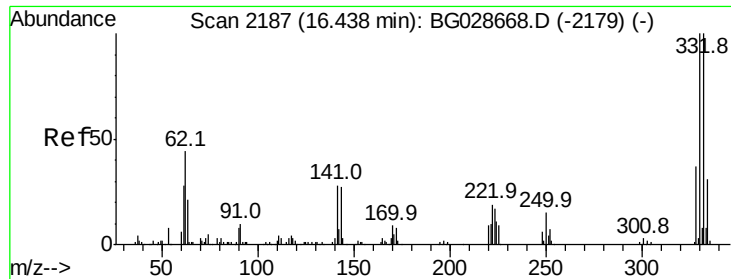


#40
 Hexachlorocyclopentadiene
 Concen: 71.365 ng
 RT: 13.08 min Scan# 1616
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.8	39.4	79.4
272	12.2	0.0	32.0

Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 149.837 ng

RT: 16.40 min Scan# 2181

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

ClientSampleId :

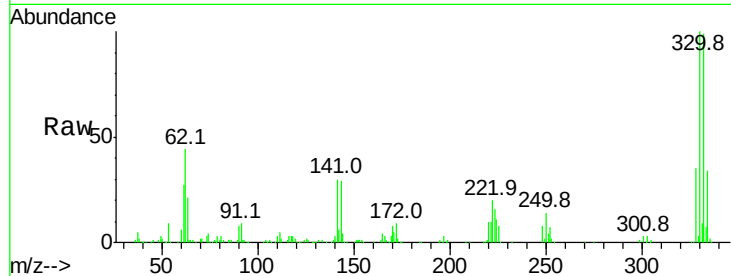
OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	263415		
332	96.7	77.3	115.9	
141	28.9	32.1	48.1#	

Manual Integrations
APPROVED

Sohil

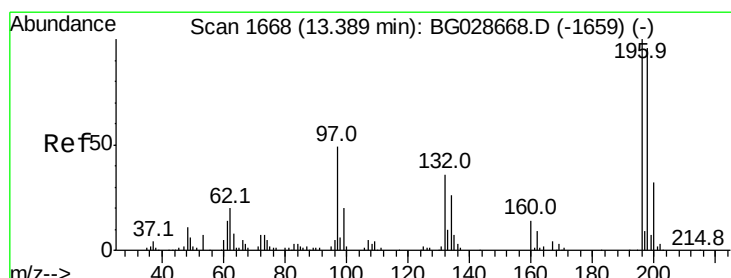
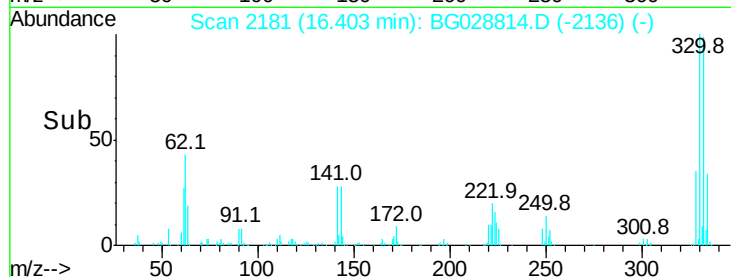
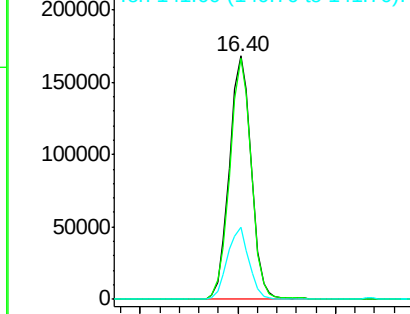
9/19/2017 5:32:59 PM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 35.827 ng

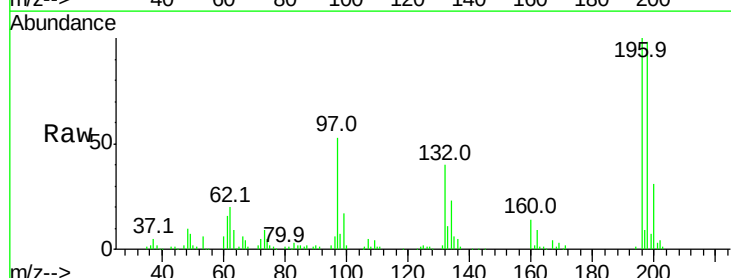
RT: 13.35 min Scan# 1661

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

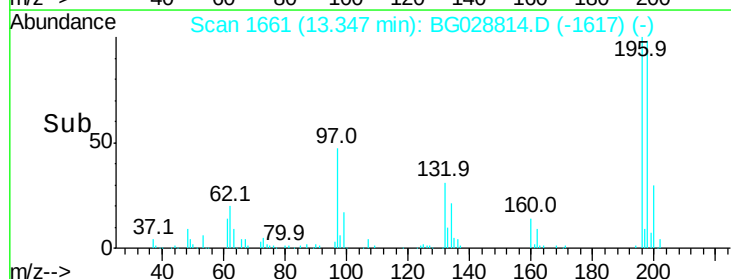
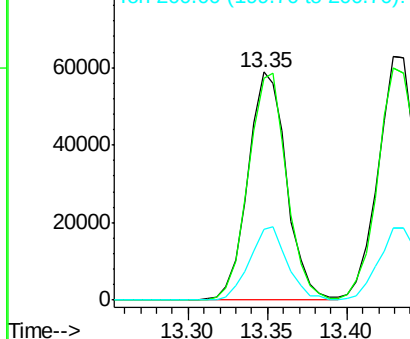
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99377		
198	97.5	81.4	122.2	
200	30.9	27.0	40.6	

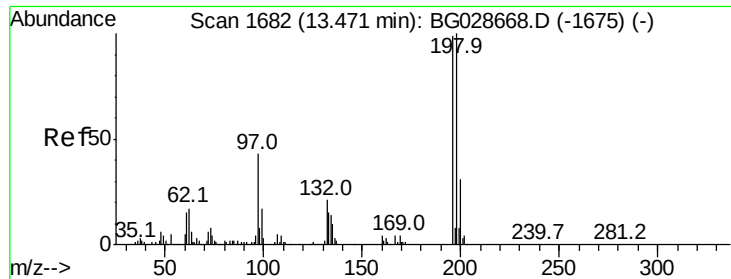


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





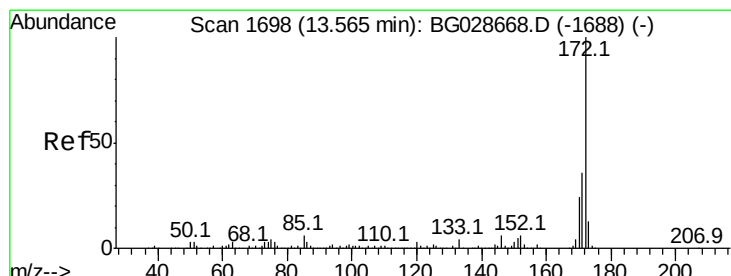
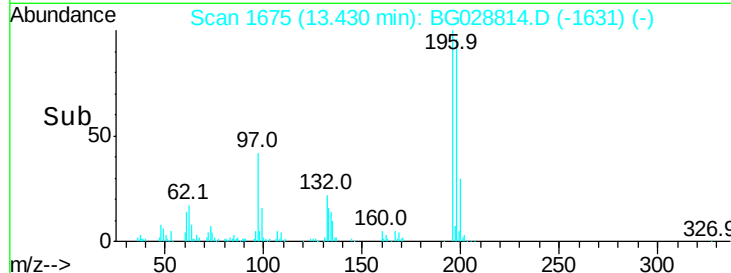
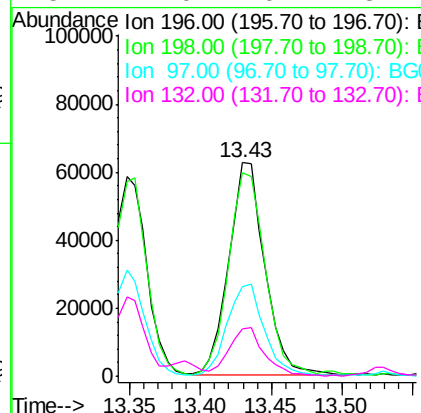
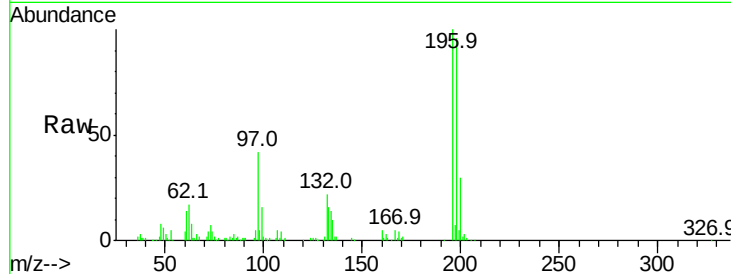
#43
 2,4,5-Trichlorophenol
 Concen: 40.021 ng
 RT: 13.43 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.6	79.9	119.9	
97	42.0	45.4	68.0	
132	22.0	20.7	31.1	

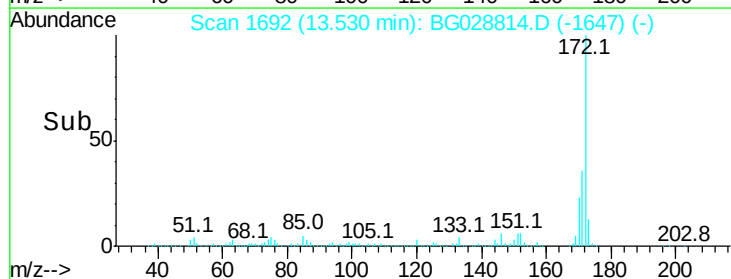
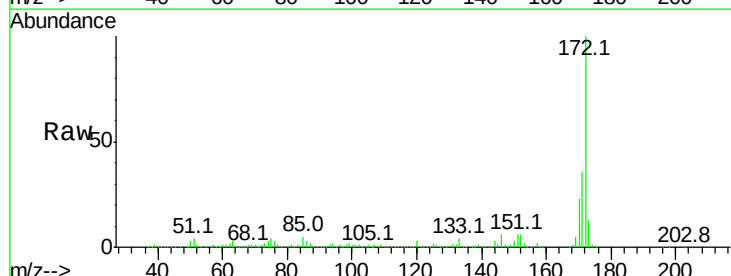
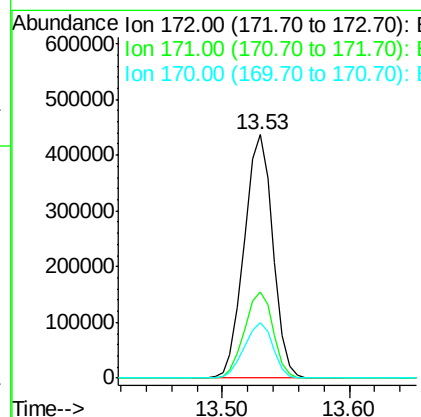
Manual Integrations
 APPROVED

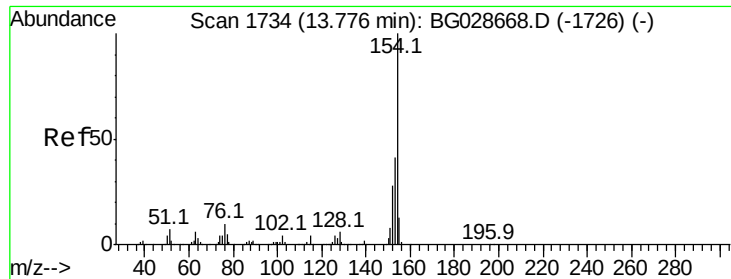
Sohil
 9/19/2017 5:32:59 PM



#44
 2-Fluorobiphenyl
 Concen: 85.623 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	32.2	48.2	
170	22.9	21.8	32.6	





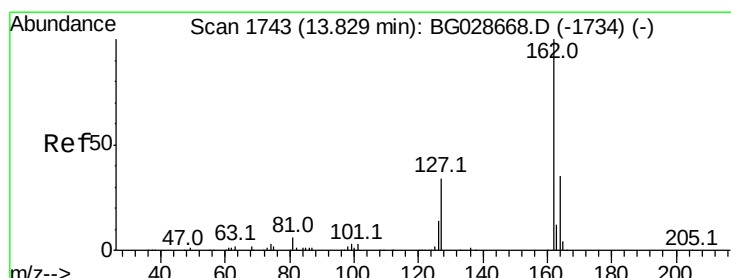
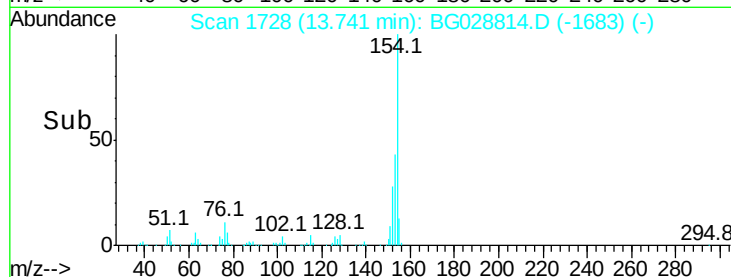
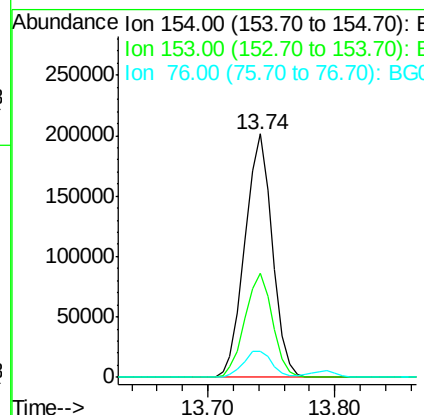
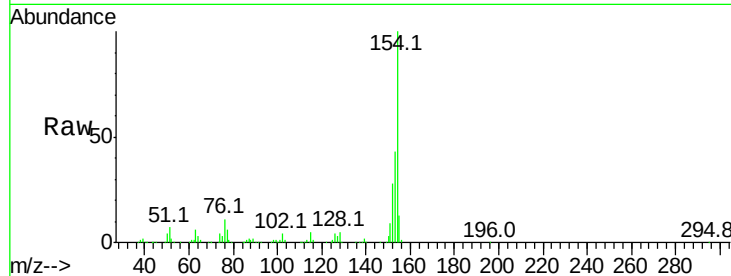
#45
 1,1'-Biphenyl
 Concen: 34.357 ng
 RT: 13.74 min Scan# 1728
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.0	63.0
76	10.9	0.0	33.5

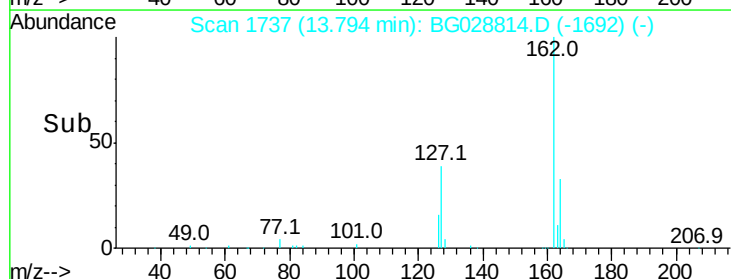
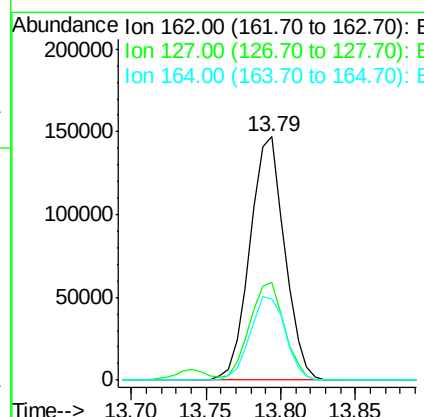
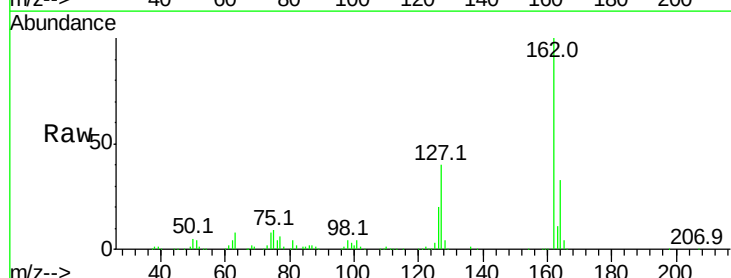
Manual Integrations
 APPROVED

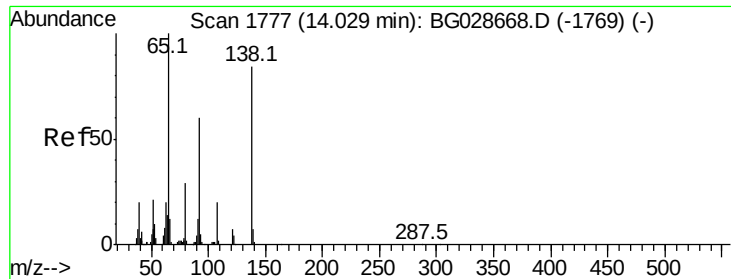
Sohil
 9/19/2017 5:32:59 PM



#46
 2-Chloronaphthalene
 Concen: 36.739 ng
 RT: 13.79 min Scan# 1737
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.4
164	33.4	27.3	40.9





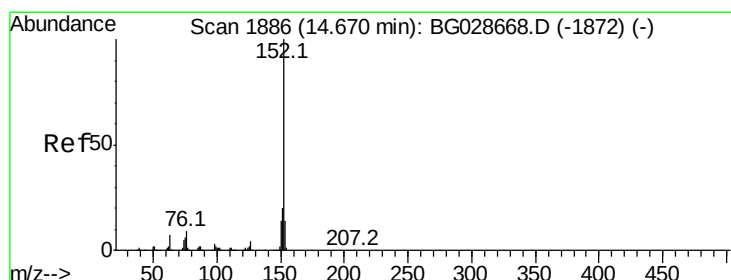
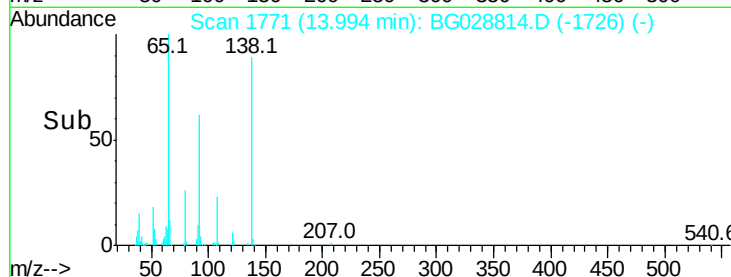
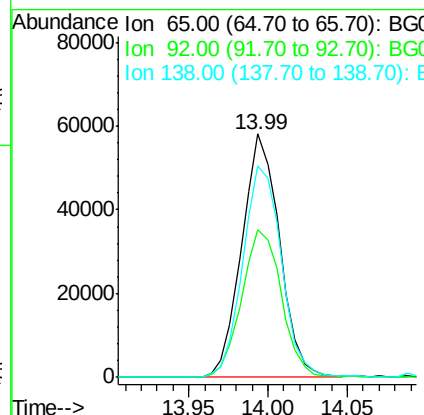
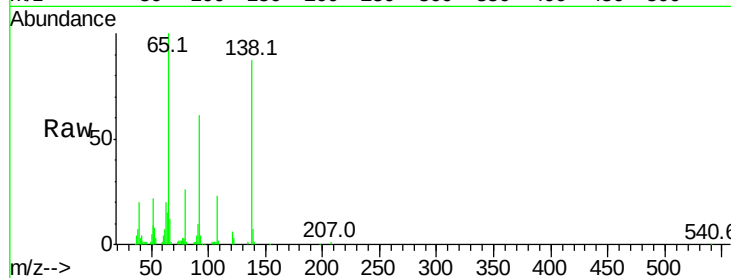
#47
 2-Nitroaniline
 Concen: 40.390 ng
 RT: 13.99 min Scan# 1771
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.7	49.0	73.4
138	87.0	58.6	87.8

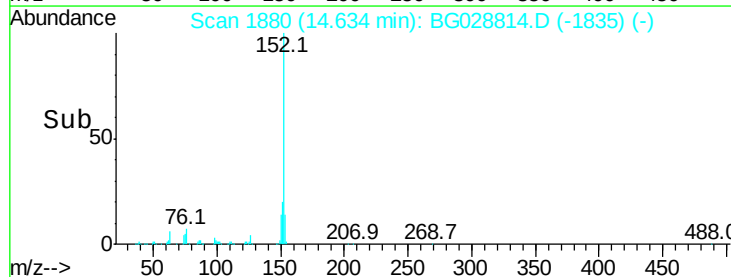
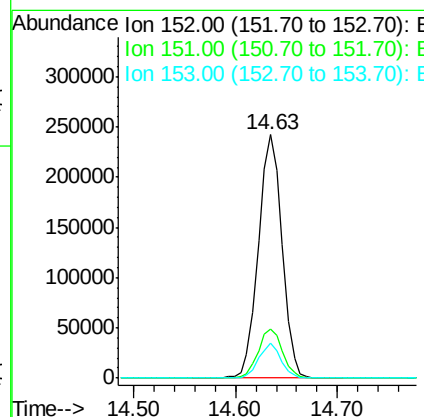
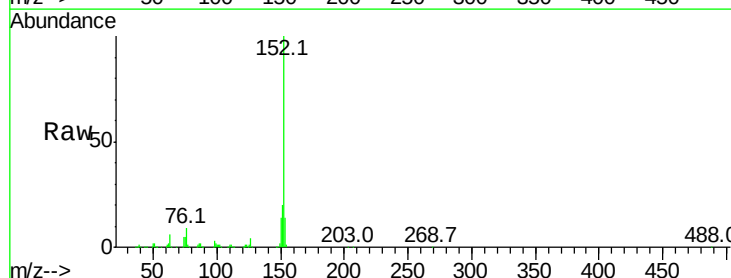
Manual Integrations
 APPROVED

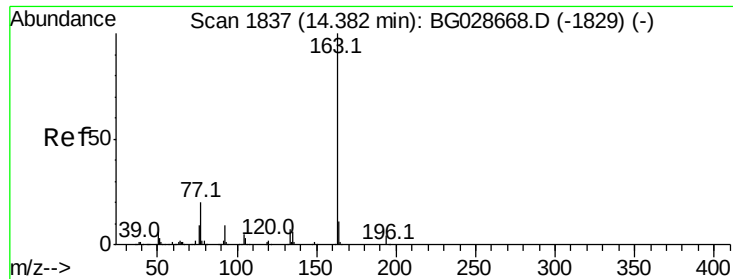
Sohil
 9/19/2017 5:32:59 PM



#48
 Acenaphthylene
 Concen: 38.153 ng
 RT: 14.63 min Scan# 1880
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	18.2	27.2
153	14.2	11.3	16.9





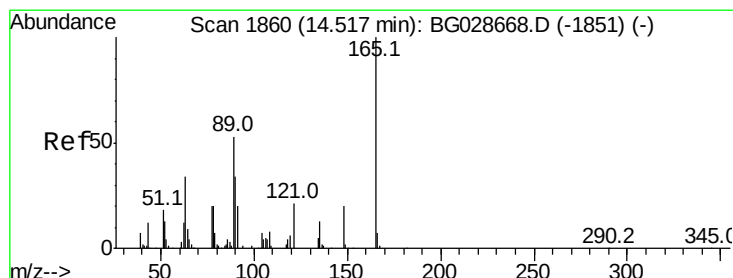
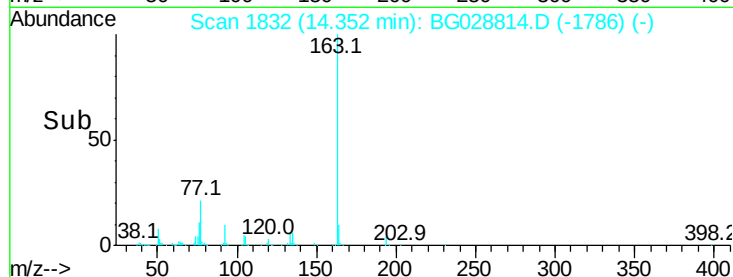
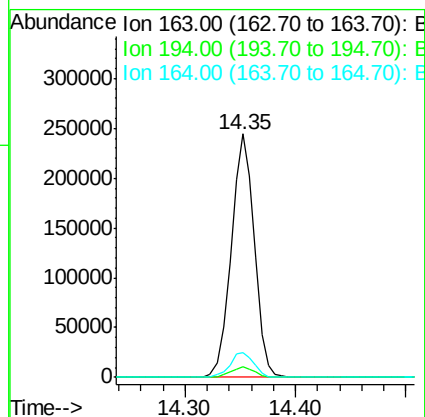
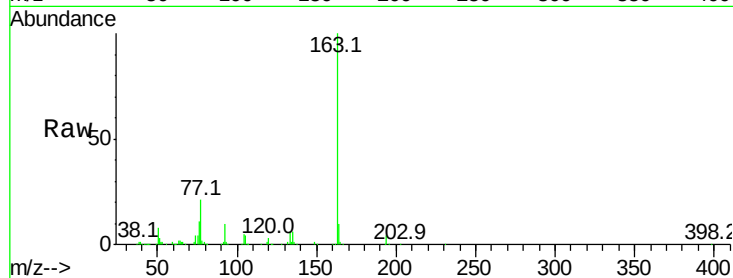
#49
Dimethylphthalate
Concen: 39.960 ng
RT: 14.35 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	3.8	5.6	
164	10.1	9.3	13.9	

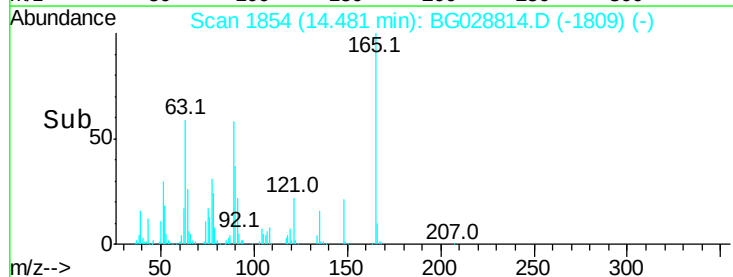
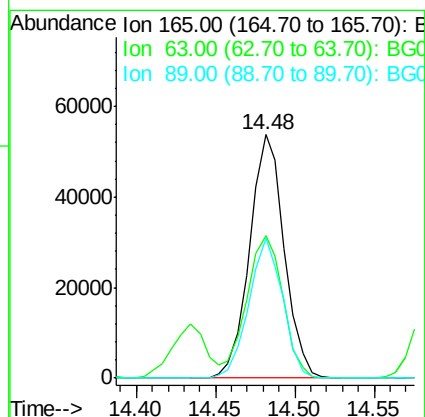
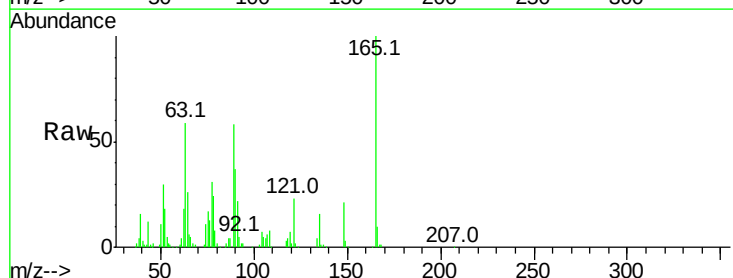
Manual Integrations
APPROVED

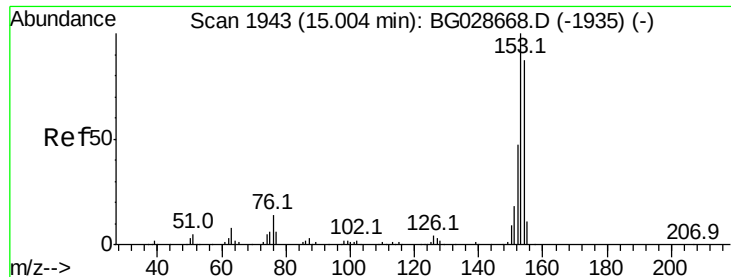
Sohil
9/19/2017 5:32:59 PM



#50
2,6-Dinitrotoluene
Concen: 41.105 ng
RT: 14.48 min Scan# 1854
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.7	63.9	95.9#	
89	57.6	58.6	88.0#	





#51

Acenaphthene

Concen: 38.336 ng

RT: 14.97 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

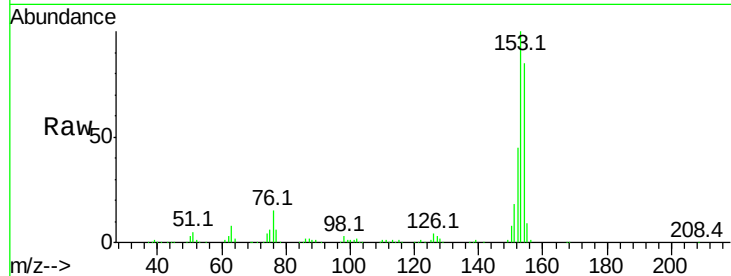
ClientSampleId :

OK-01-091417MSD

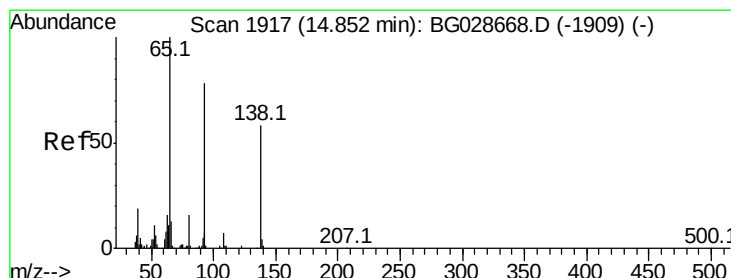
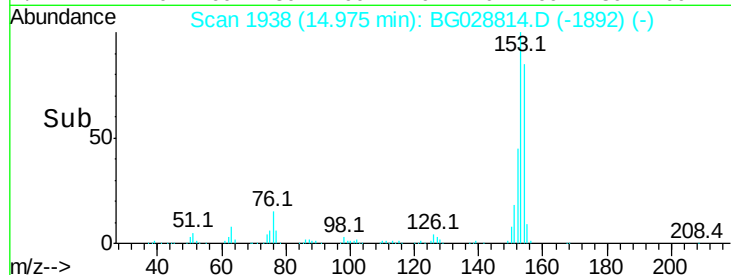
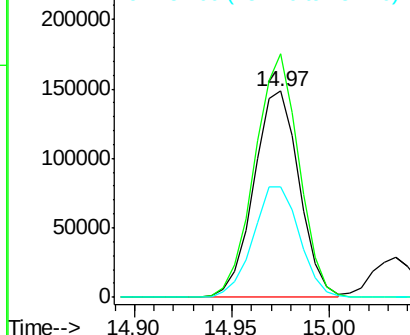
Tot Ion:	154	Resp:	238817
Ion Ratio	Lower	Upper	
154	100		
153	118.2	87.8	131.6
152	53.7	42.2	63.4

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.305 ng

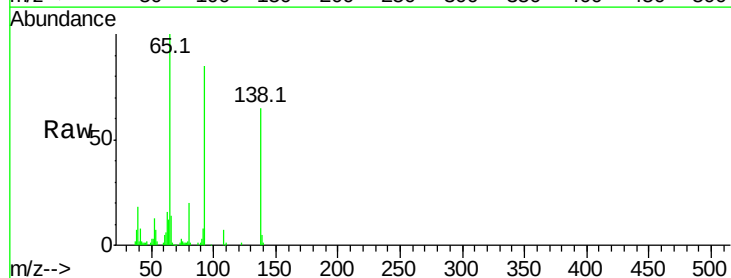
RT: 14.82 min Scan# 1912

Delta R.T. -0.03 min

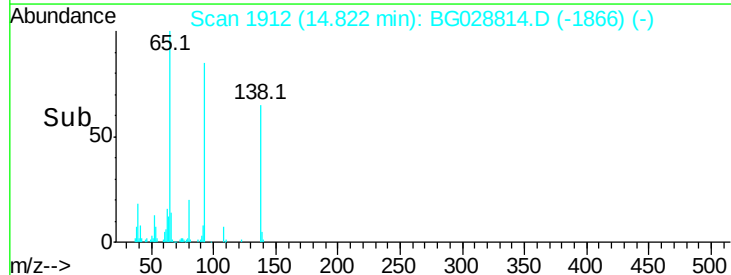
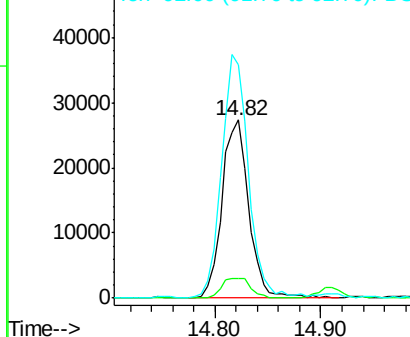
Lab File: BG028814.D

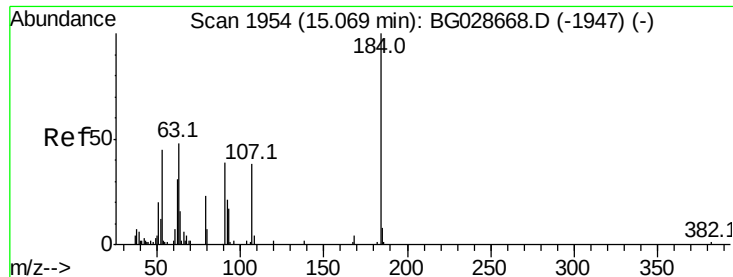
Acq: 19 Sep 2017 3:43

Tgt Ion:	138	Resp:	47890
Ion Ratio	Lower	Upper	
138	100		
108	10.9	10.9	16.3
92	130.7	115.3	172.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





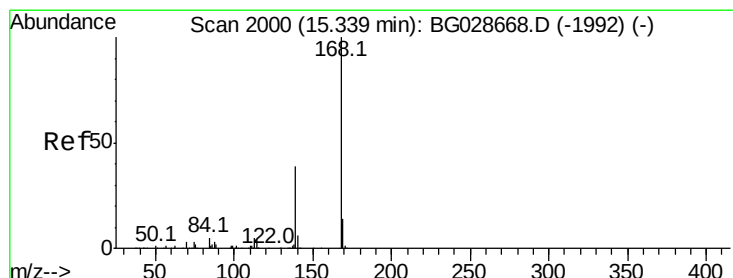
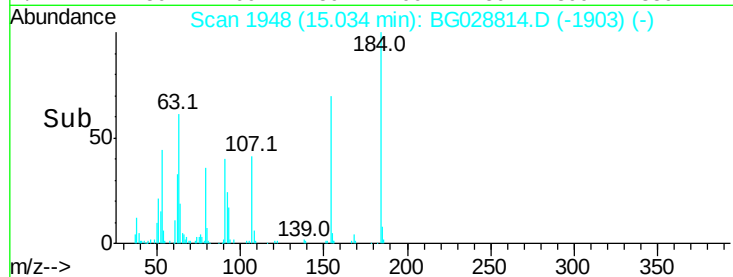
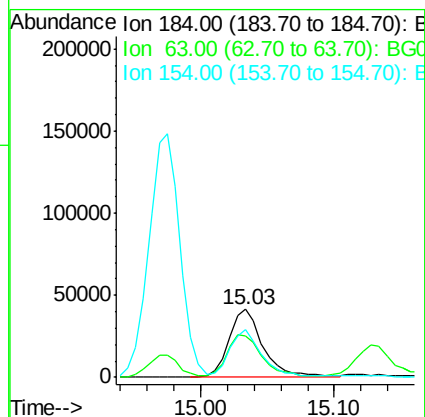
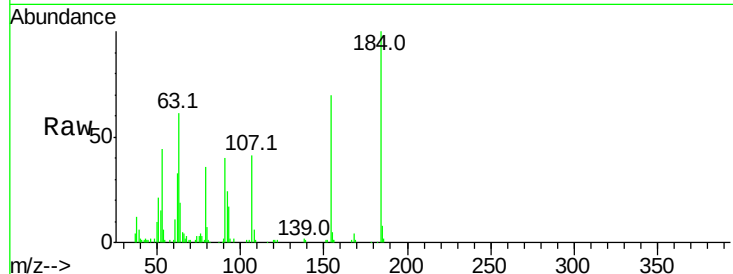
#53
2,4-Dinitrophenol
Concen: 72.268 ng
RT: 15.03 min Scan# 1948
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.8	52.7	79.1	
154	69.9	57.3	85.9	

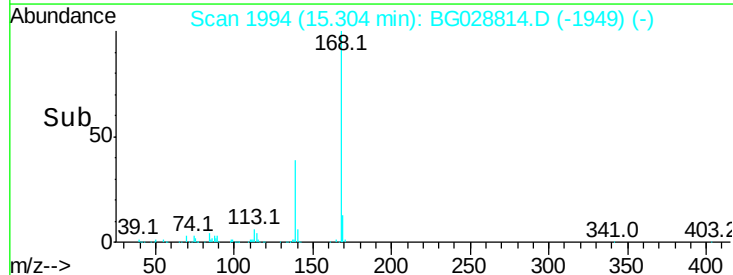
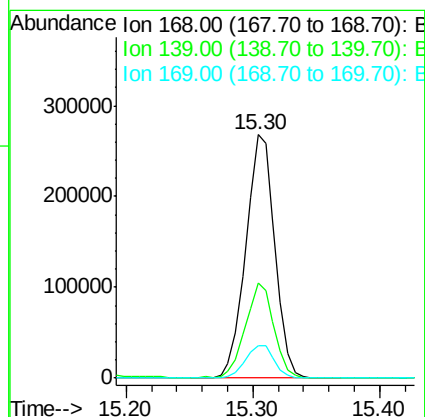
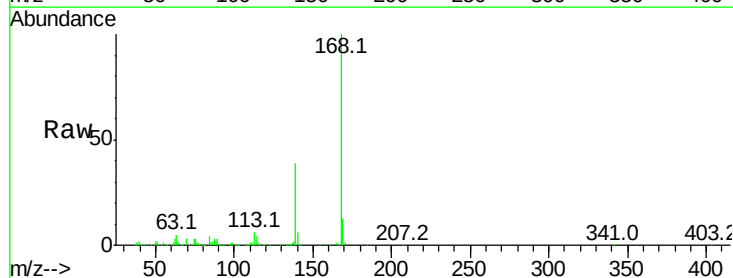
Manual Integrations
APPROVED

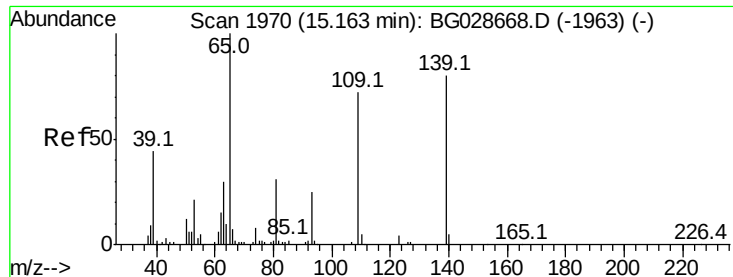
Sohil
9/19/2017 5:32:59 PM



#54
Dibenzofuran
Concen: 42.713 ng
RT: 15.30 min Scan# 1994
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	35.3	52.9	
169	13.3	11.5	17.3	





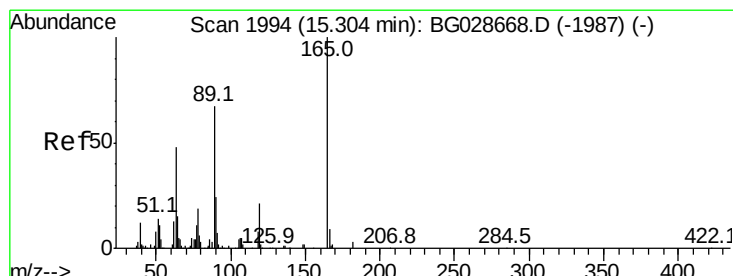
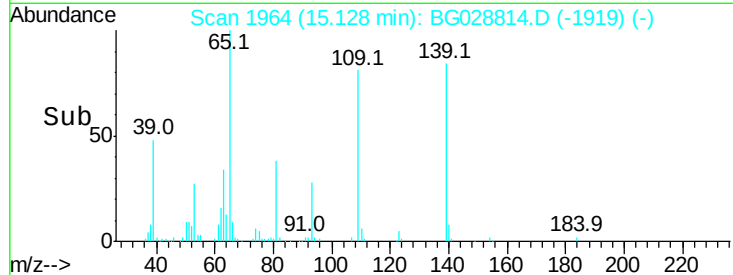
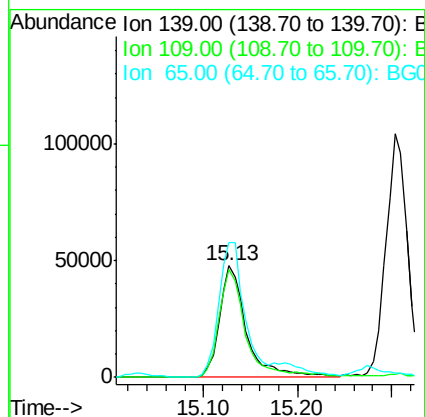
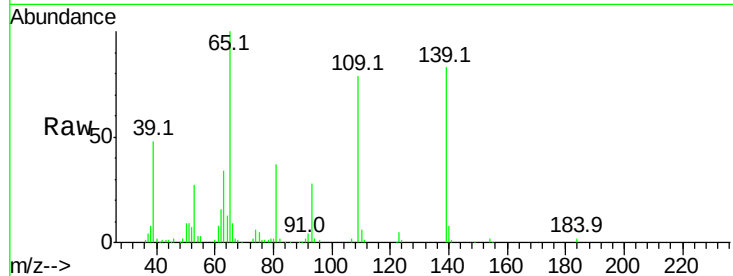
#55
4-Nitrophenol
Concen: 74.965 ng
RT: 15.13 min Scan# 1964
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	96.3	101.2	141.2#	
65	121.2	135.3	175.3#	

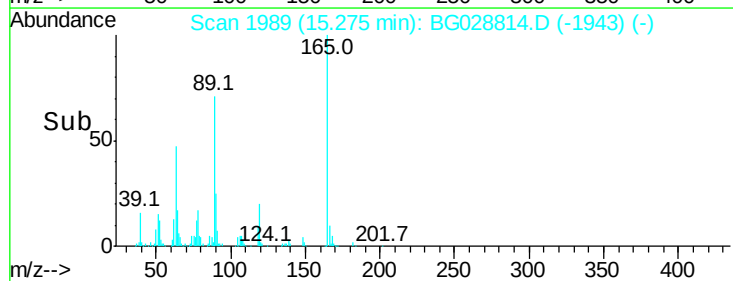
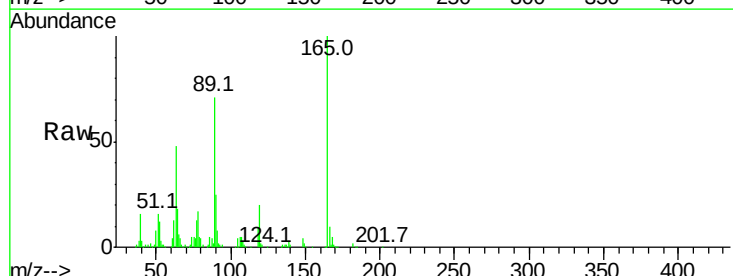
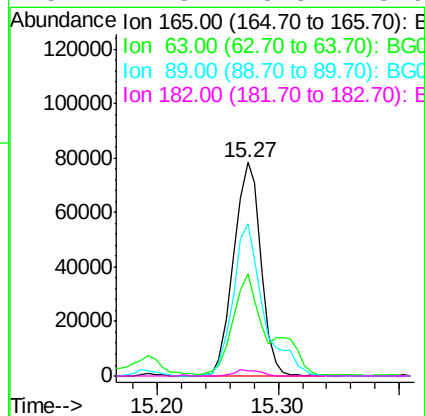
Manual Integrations
APPROVED

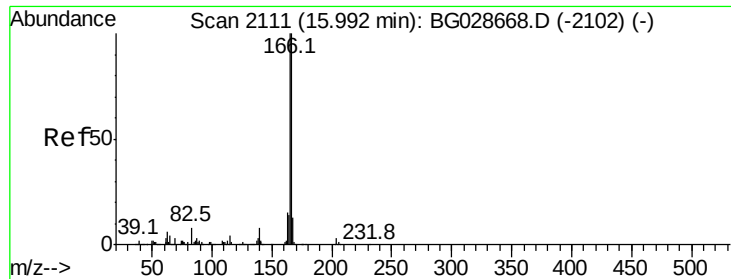
Sohil
9/19/2017 5:32:59 PM



#56
2,4-Dinitrotoluene
Concen: 44.166 ng
RT: 15.27 min Scan# 1989
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.1	44.0	66.0	
89	71.1	67.3	100.9	
182	2.5	3.8	5.6#	





#57

Fluorene

Concen: 40.747 ng

RT: 15.96 min Scan# 2105

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

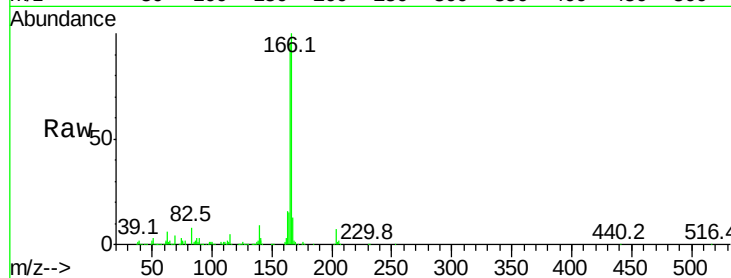
ClientSampleId :

OK-01-091417MSD

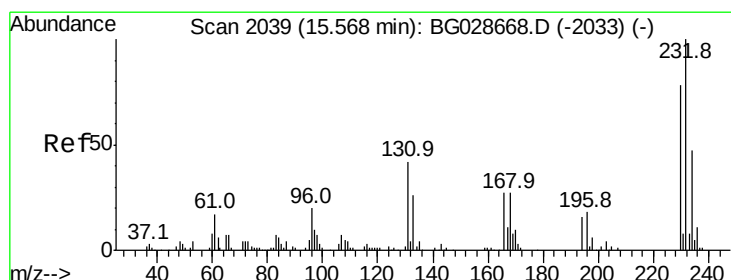
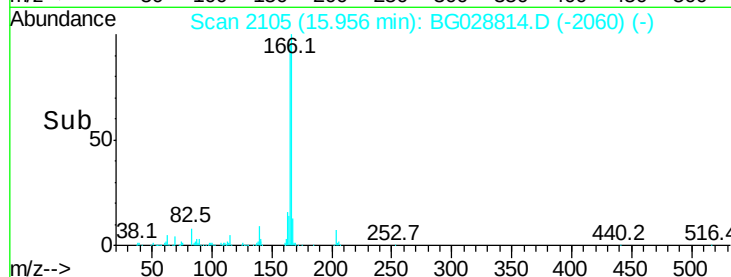
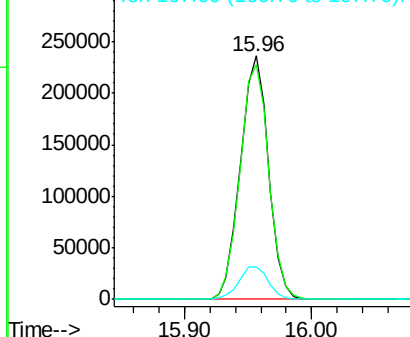
Tot Ion:	166	Resp:	361391
Ion Ratio	Lower	Upper	
166	100		
165	96.2	78.6	117.8
167	13.5	11.6	17.4

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



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: 47.212 ng

RT: 15.53 min Scan# 2033

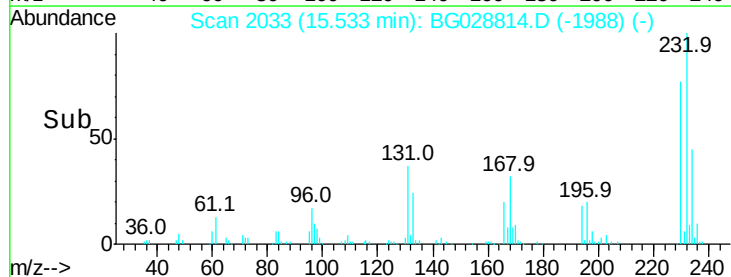
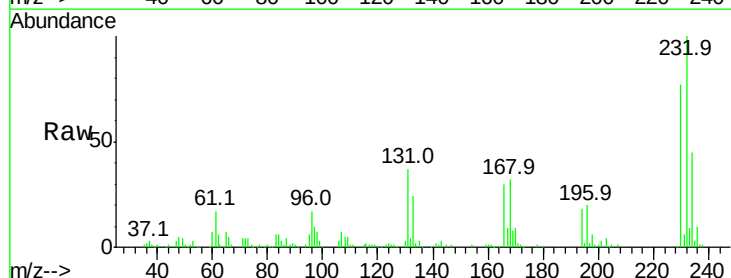
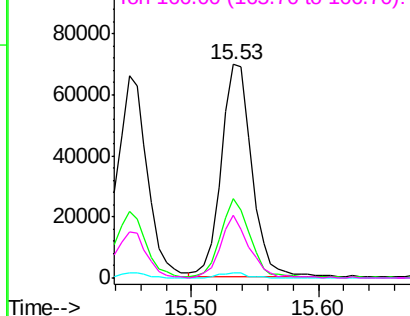
Delta R.T. -0.04 min

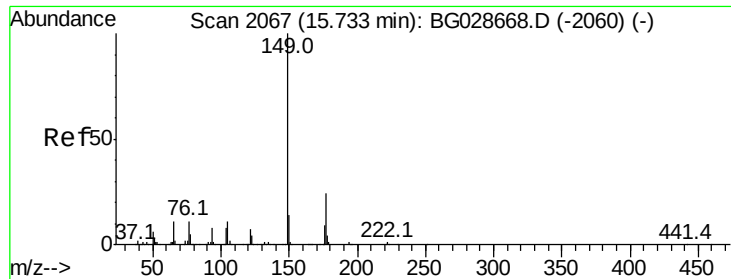
Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	232	Resp:	115978
Ion Ratio	Lower	Upper	
232	100		
131	35.9	34.9	52.3
130	2.2	2.3	3.5#
166	27.9	24.2	36.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





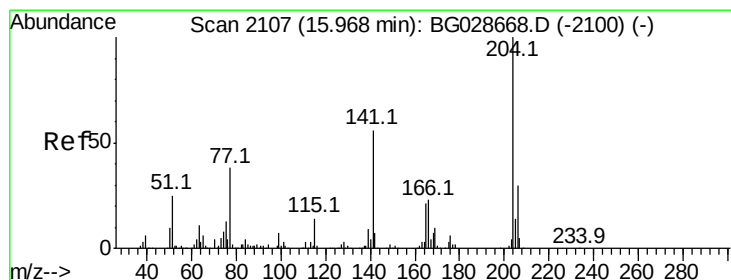
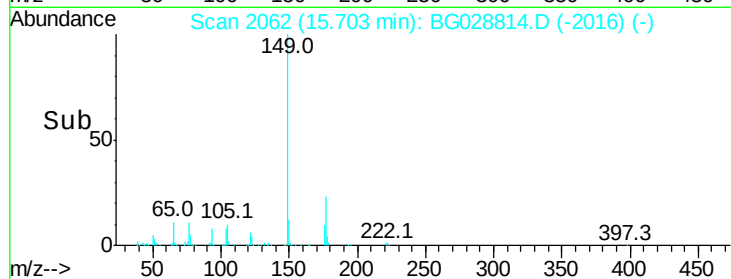
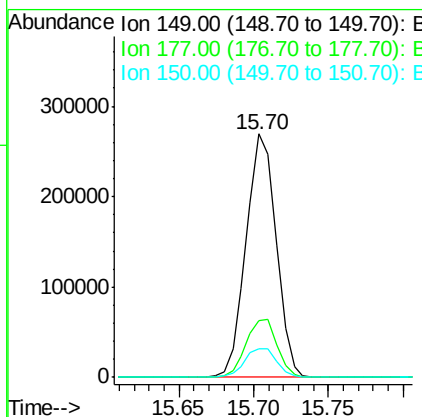
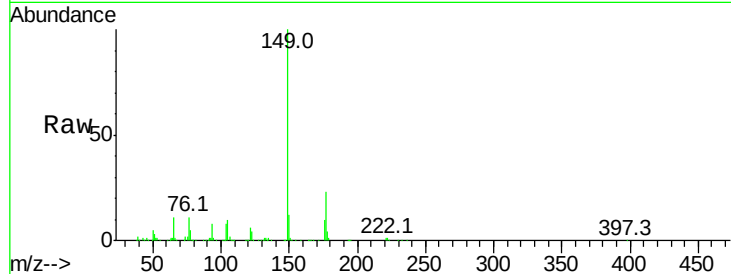
#59
Diethylphthalate
Concen: 40.958 ng
RT: 15.70 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	23.4	20.1	30.1
150	12.0	10.2	15.2

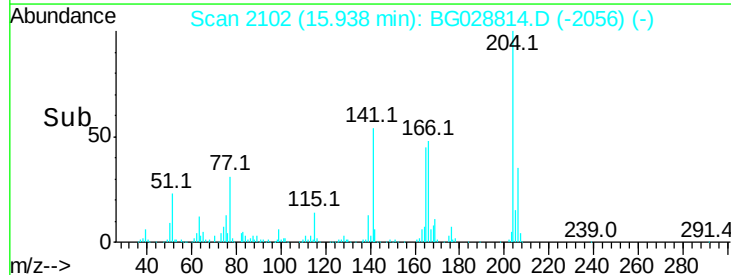
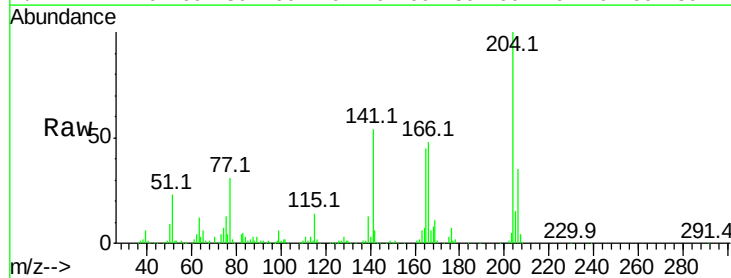
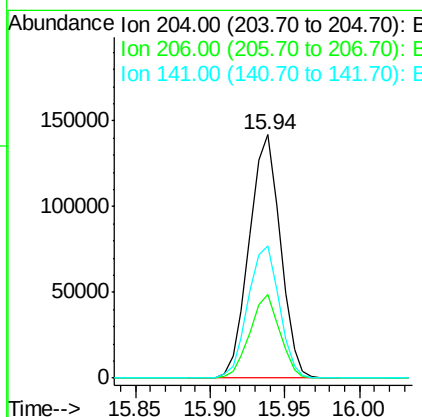
Manual Integrations
APPROVED

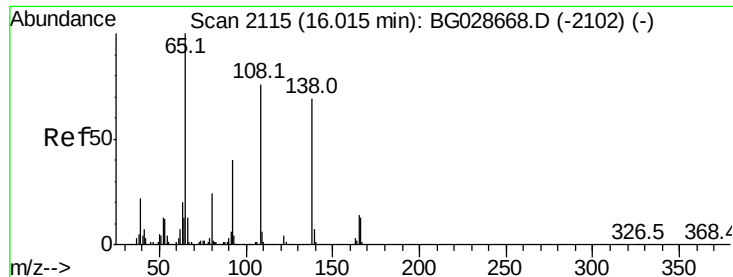
Sohil
9/19/2017 5:32:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.545 ng
RT: 15.94 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.6	30.1	45.1
141	54.2	50.6	76.0





#61

4-Nitroaniline

Concen: 41.901 ng

RT: 15.99 min Scan# 2110

Delta R.T. -0.03 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

ClientSampleId :

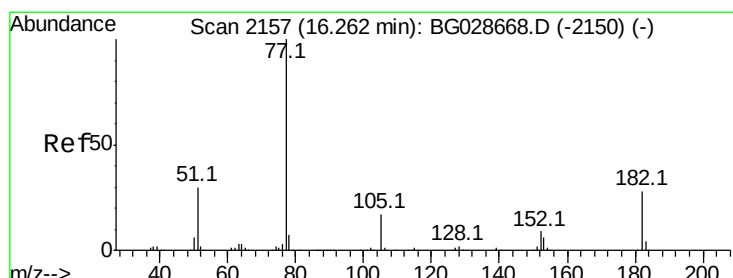
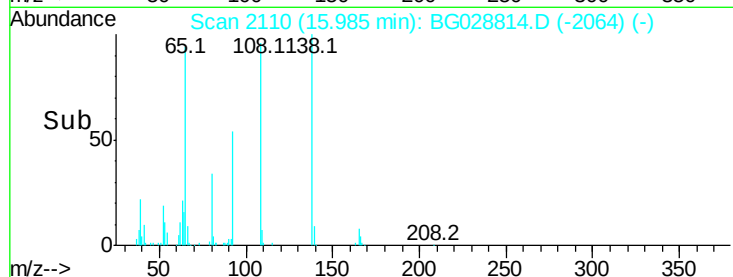
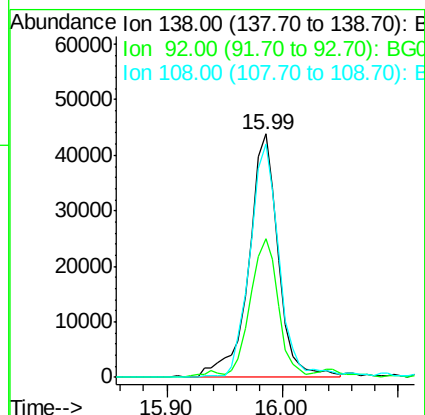
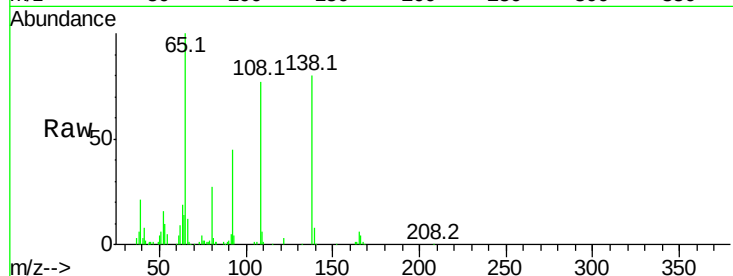
OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.8	44.2	84.2
108	95.7	104.8	144.8

Manual Integrations
APPROVED

Sohil

9/19/2017 5:32:59 PM



#62

Azobenzene

Concen: 43.520 ng

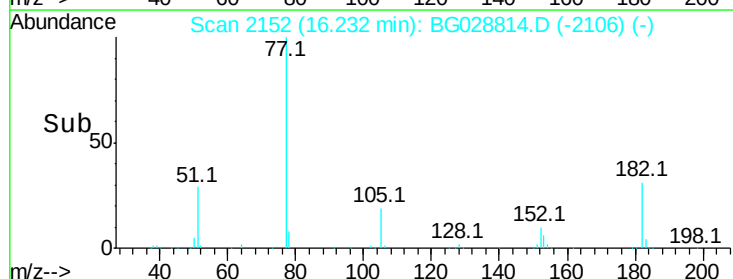
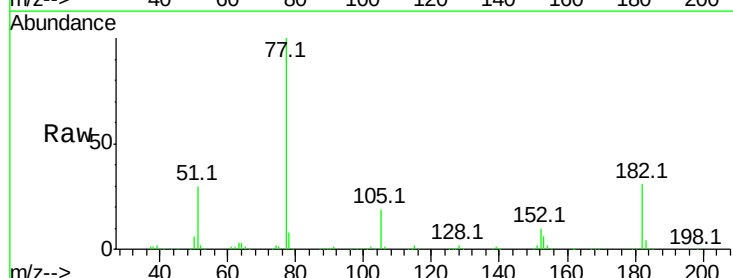
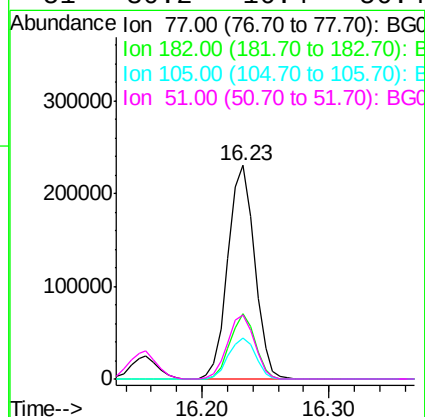
RT: 16.23 min Scan# 2152

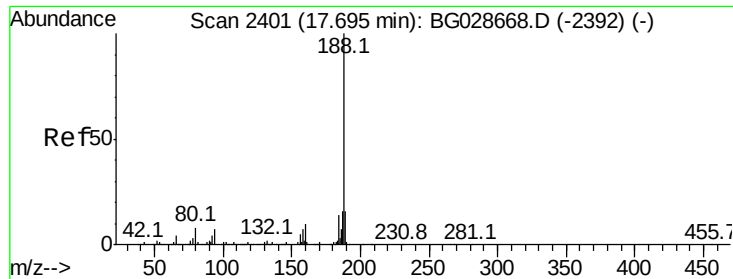
Delta R.T. -0.03 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	4.7	44.7
105	19.3	0.0	36.3
51	30.2	16.4	56.4





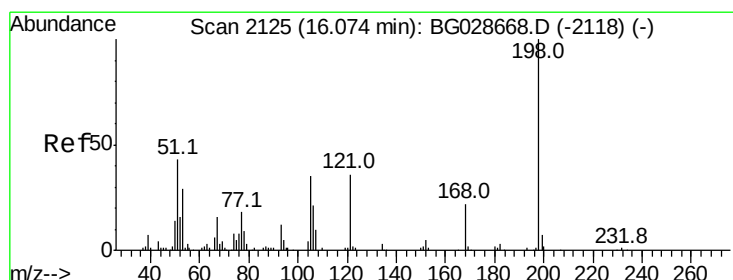
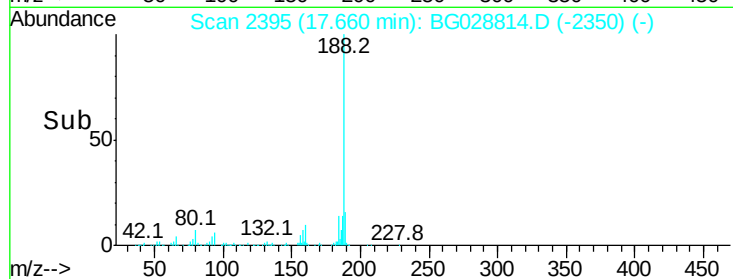
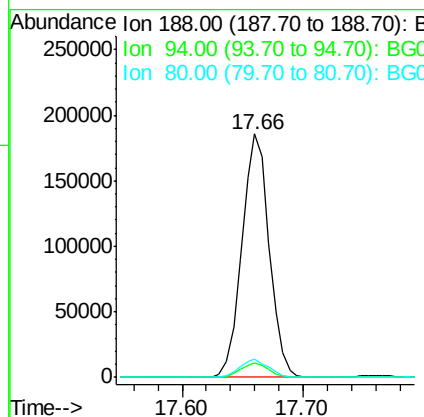
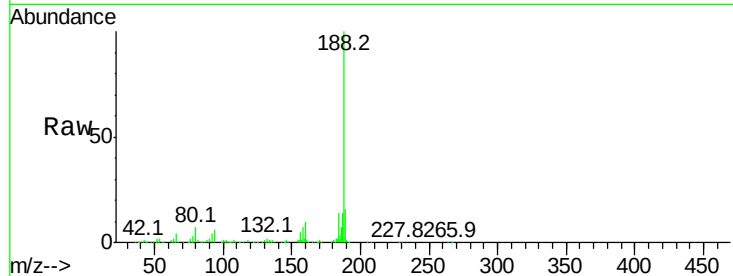
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.0	5.8	8.8
80	7.5	7.5	11.3#

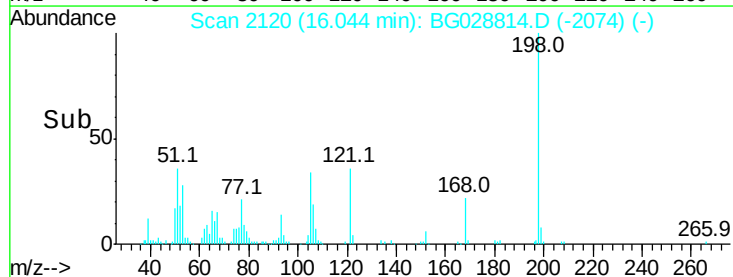
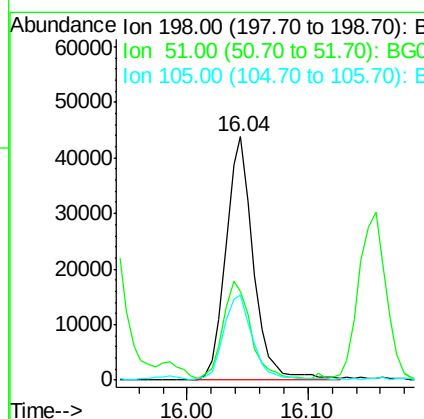
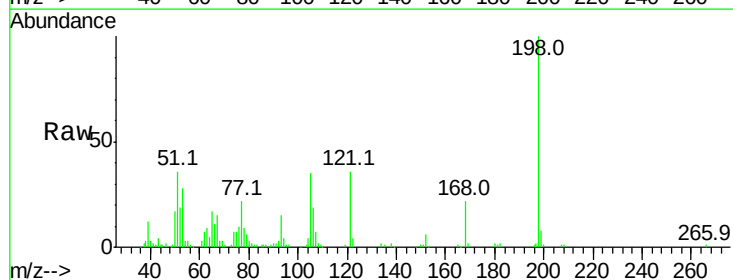
Manual Integrations
APPROVED

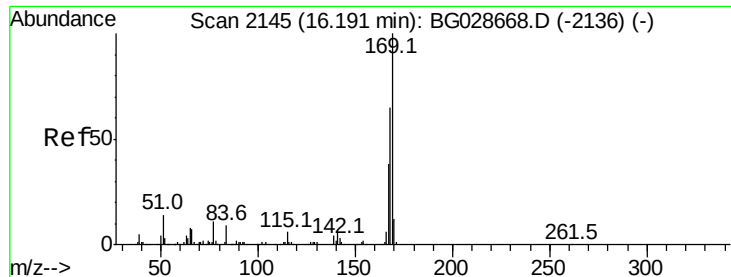
Sohil
9/19/2017 5:32:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.681 ng
RT: 16.04 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	36.4	22.6	62.6
105	34.8	14.4	54.4





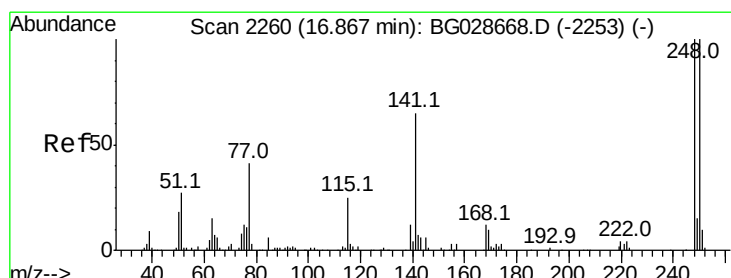
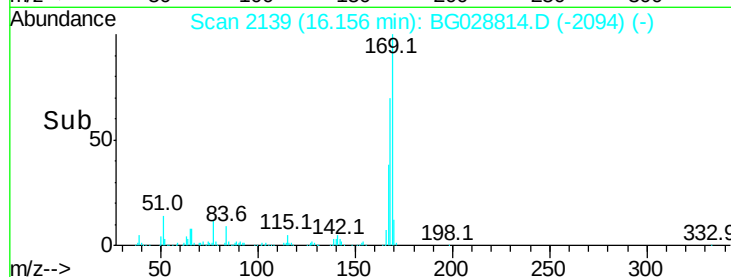
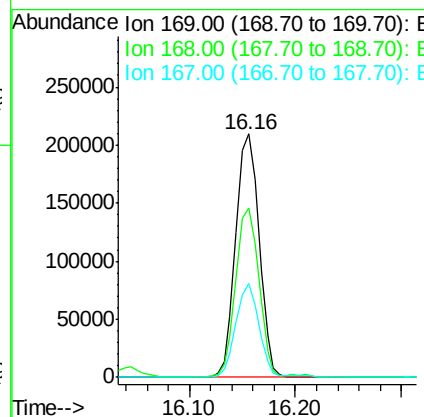
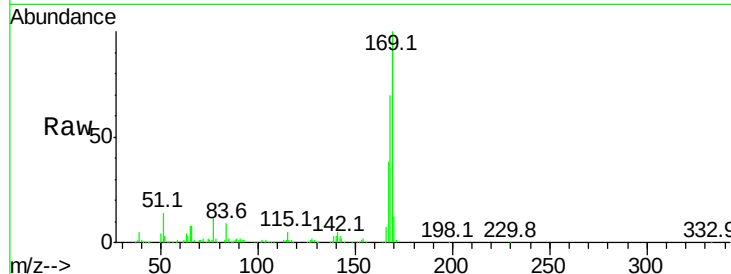
#65
 n-Nitrosodiphenylamine
 Concen: 38.316 ng
 RT: 16.16 min Scan# 2139
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.8		55.7	83.5
167	38.4		29.8	44.6

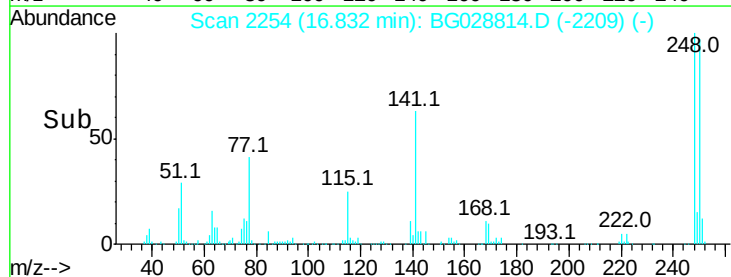
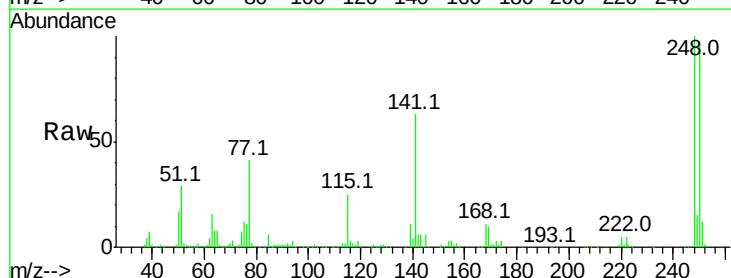
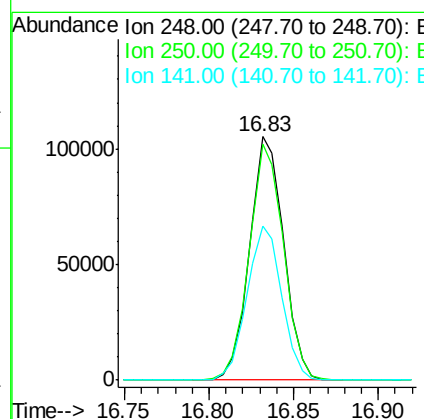
Manual Integrations
 APPROVED

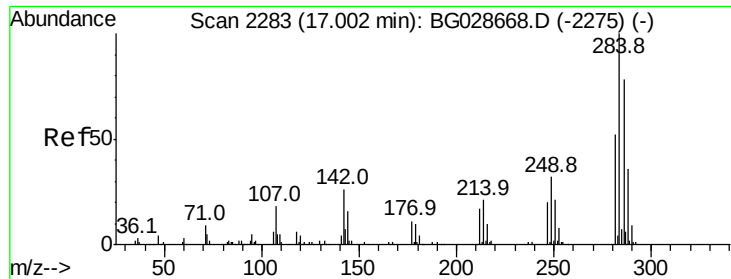
Sohil
 9/19/2017 5:32:59 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.337 ng
 RT: 16.83 min Scan# 2254
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.9		75.0	112.6
141	63.0		55.2	82.8





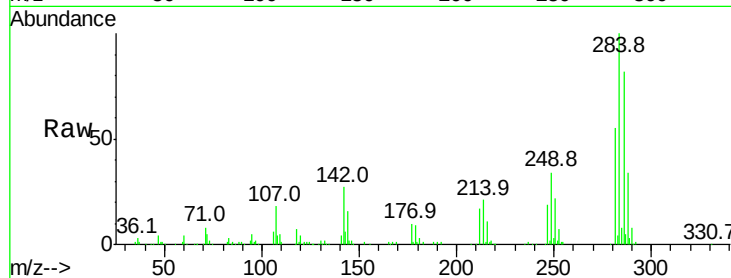
#67
Hexachlorobenzene
Concen: 36.214 ng
RT: 16.97 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

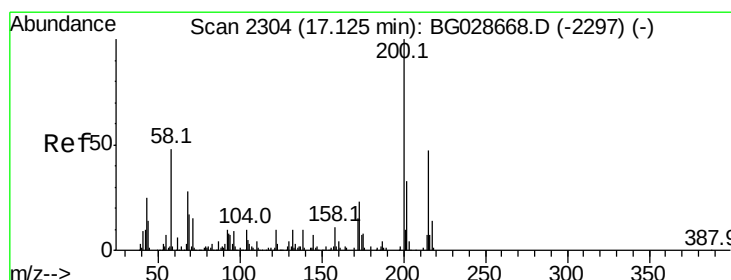
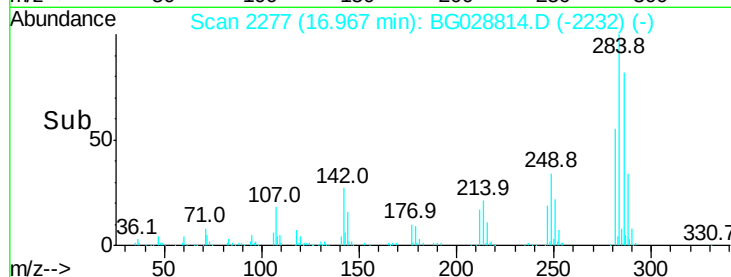
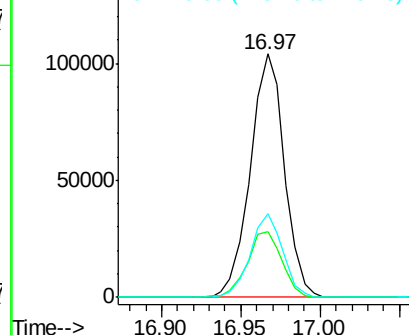
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.1	29.9	44.9	#
249	34.4	29.2	43.8	

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM

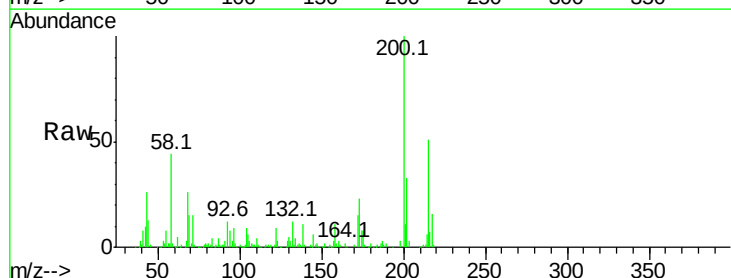


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

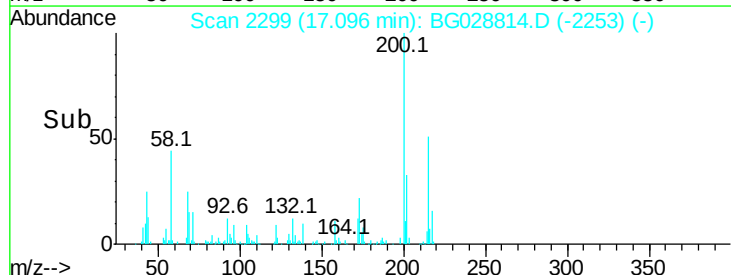
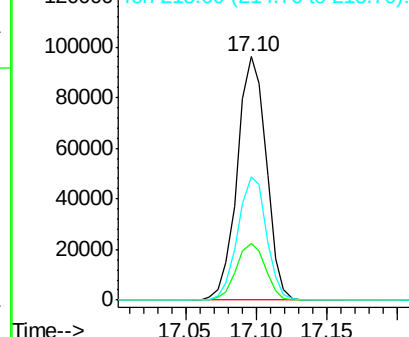


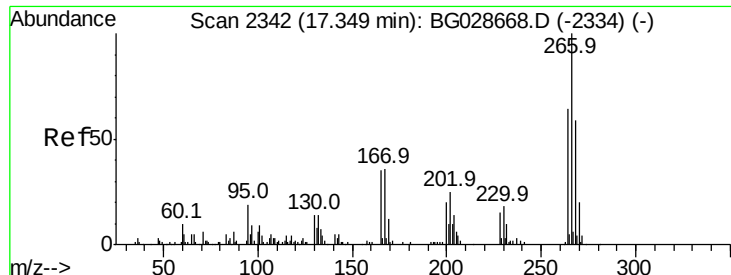
#68
Atrazine
Concen: 38.266 ng
RT: 17.10 min Scan# 2299
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.2	3.0	43.0	
215	50.9	28.4	68.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





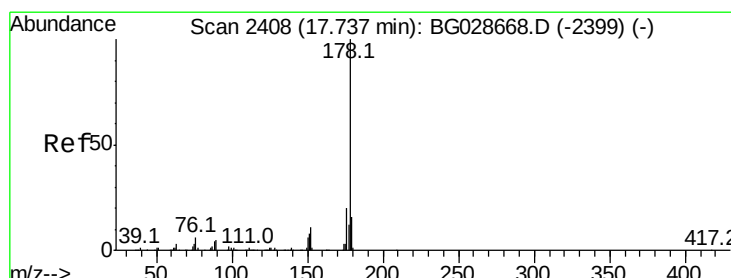
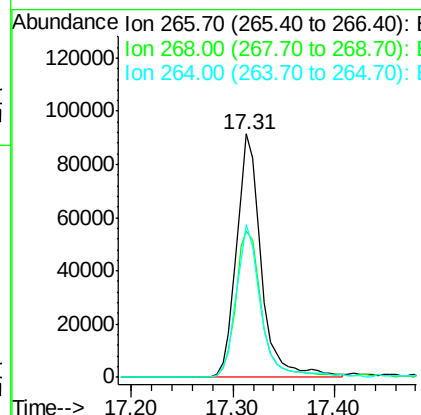
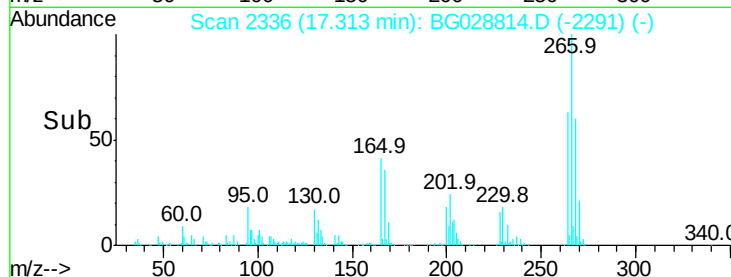
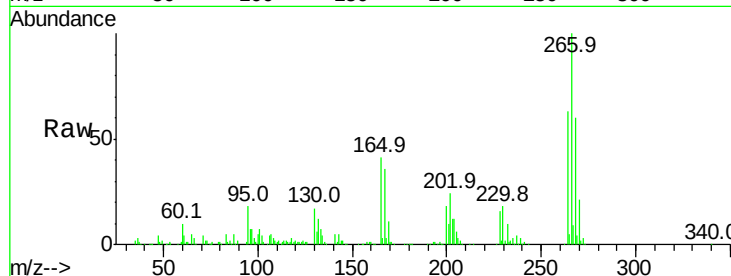
#69
 Pentachlorophenol
 Concen: 80.190 ng
 RT: 17.31 min Scan# 2336
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	155006		
268	60.2	48.6	72.8	
264	62.7	50.1	75.1	

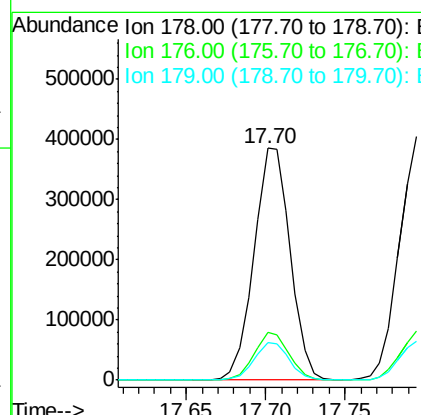
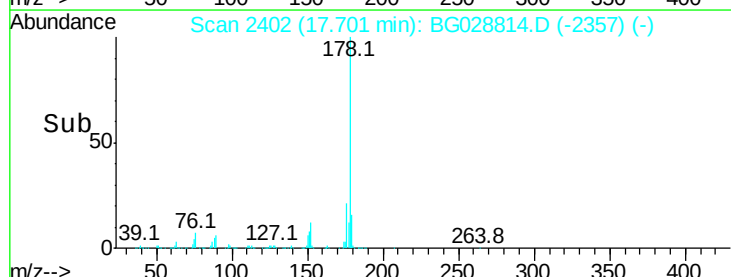
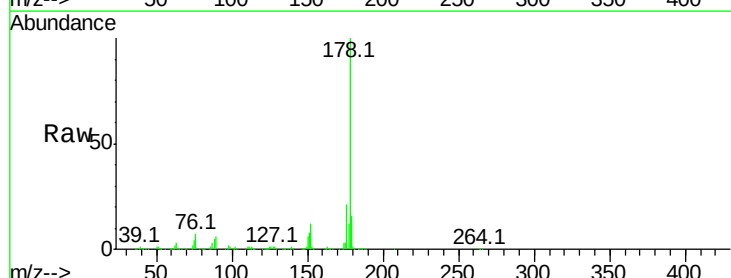
Manual Integrations
 APPROVED

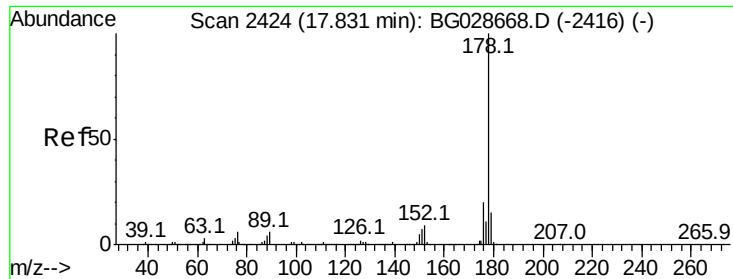
Sohil
 9/19/2017 5:32:59 PM



#70
 Phenanthrene
 Concen: 40.935 ng
 RT: 17.70 min Scan# 2402
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	611519		
176	20.7	17.7	26.5	
179	16.3	15.0	22.6	





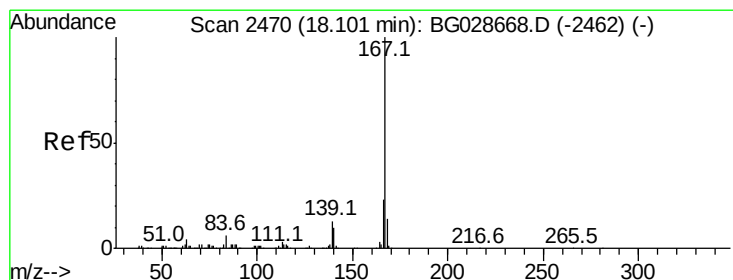
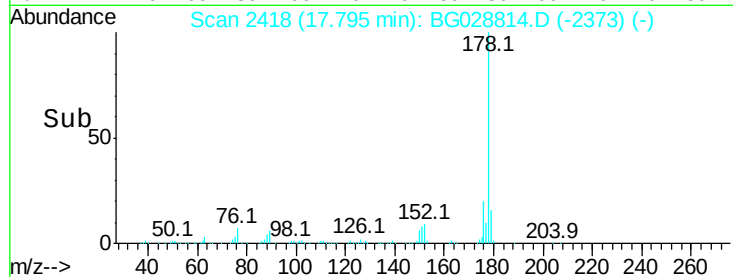
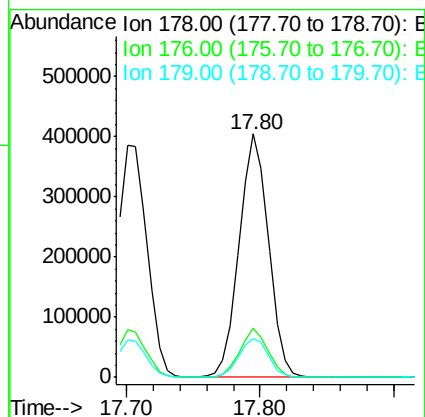
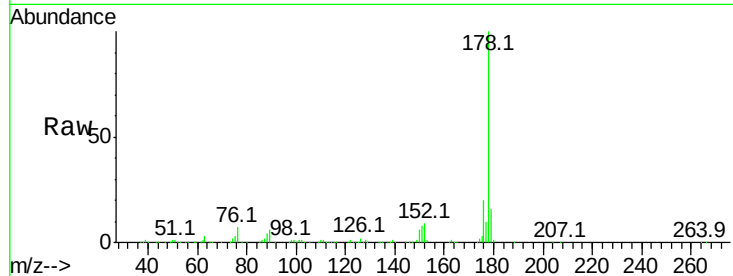
#71
 Anthracene
 Concen: 40.677 ng
 RT: 17.80 min Scan# 2418
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.0	13.8	20.8

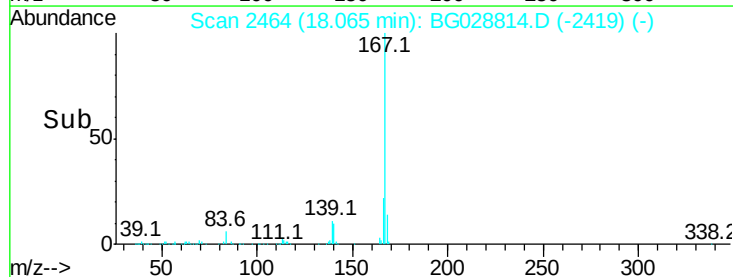
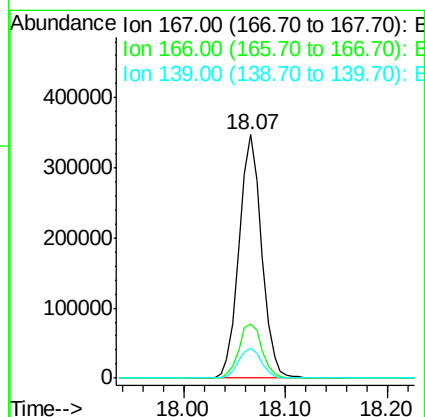
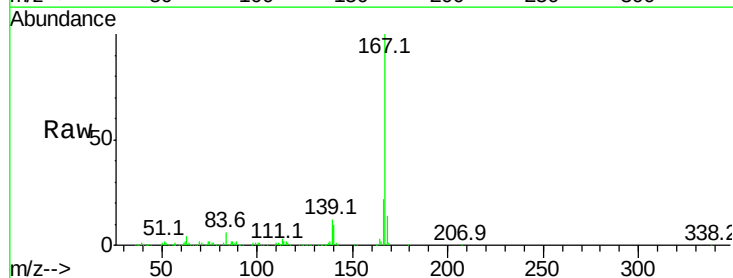
Manual Integrations
 APPROVED

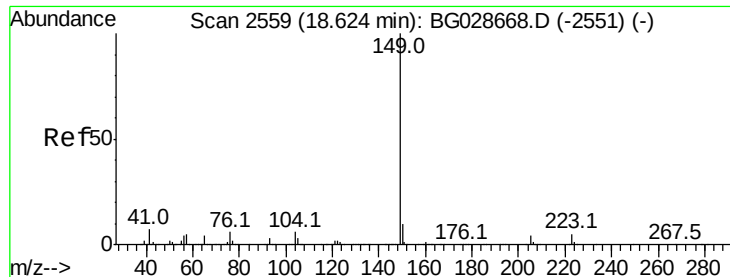
Sohil
 9/19/2017 5:32:59 PM



#72
 Carbazole
 Concen: 39.683 ng
 RT: 18.07 min Scan# 2464
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	20.2	30.2
139	12.1	12.8	19.2#





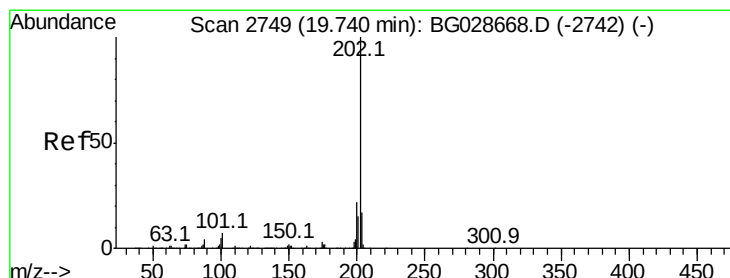
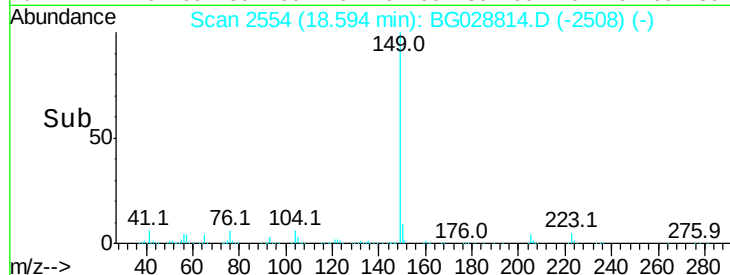
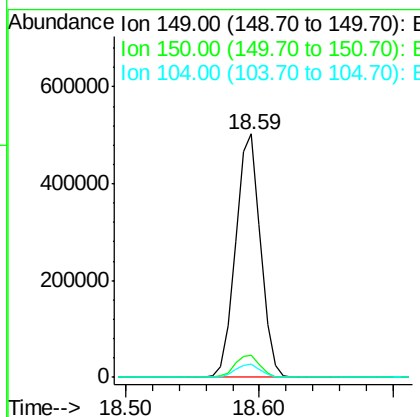
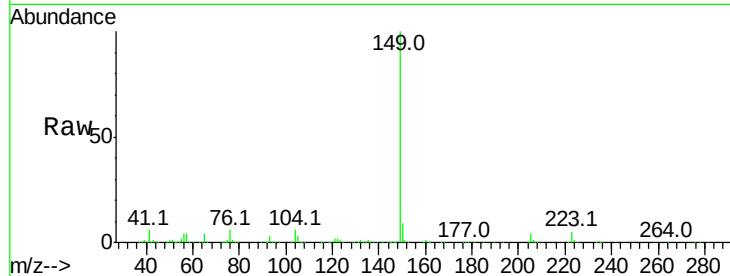
#73
Di-n-butylphthalate
Concen: 38.979 ng
RT: 18.59 min Scan# 2554
Delta R.T. -0.03 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	9.1	13.7
104	5.6	6.7	10.1

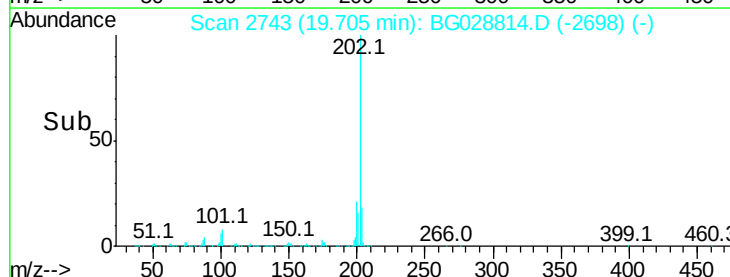
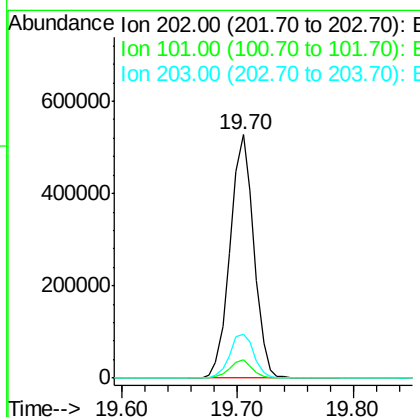
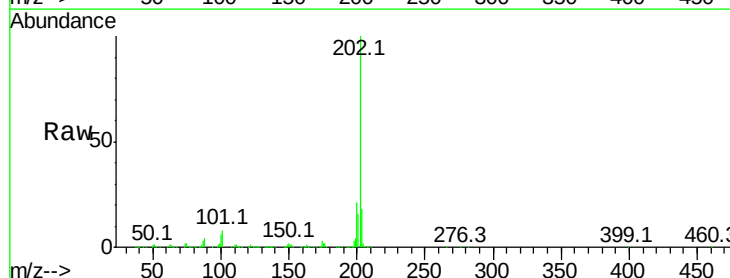
Manual Integrations
APPROVED

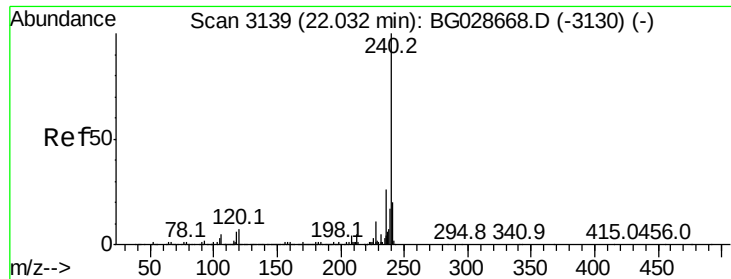
Sohil
9/19/2017 5:32:59 PM



#74
Fluoranthene
Concen: 41.046 ng
RT: 19.70 min Scan# 2743
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	0.0	30.1
203	17.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

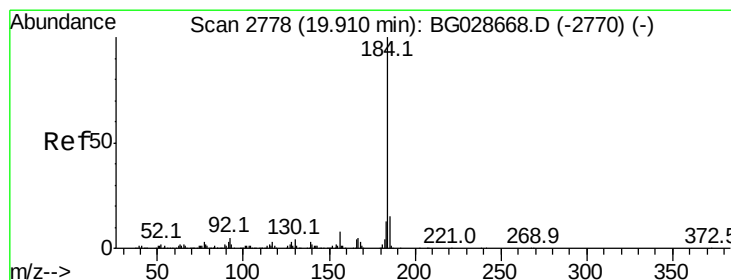
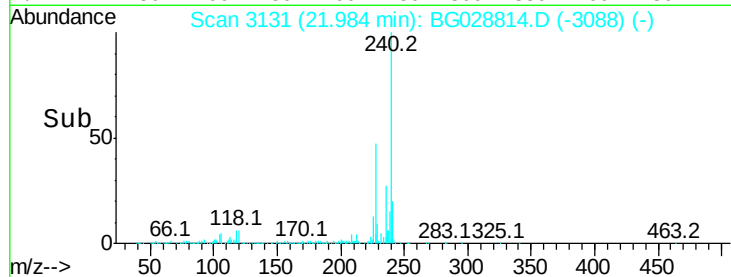
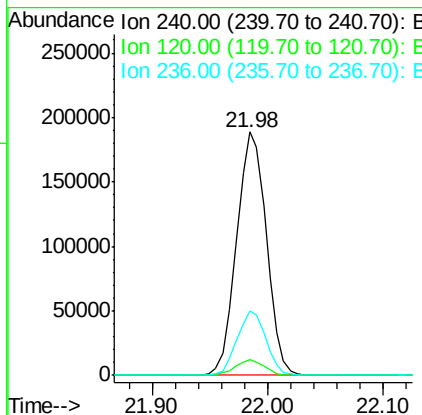
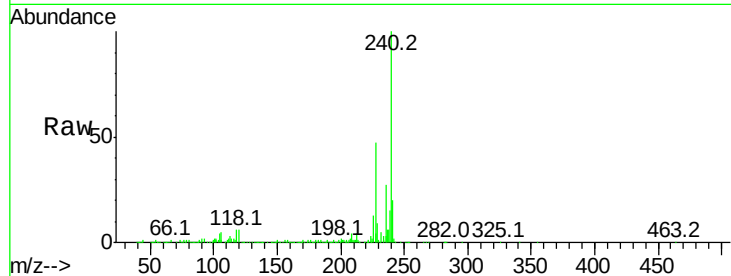
ClientSampleId :

OK-01-091417MSD

Tot Ion:	240	Resp:	337647
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.7	8.5
236	26.7	22.2	33.4

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#76

Benzidine

Concen: 6.802 ng

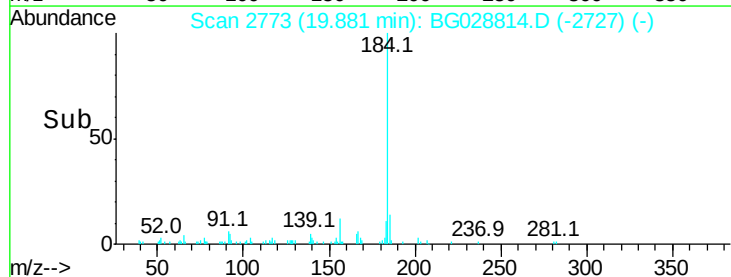
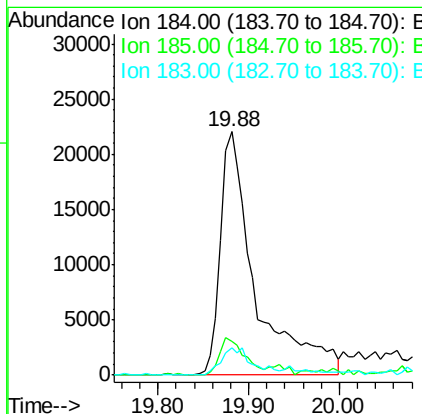
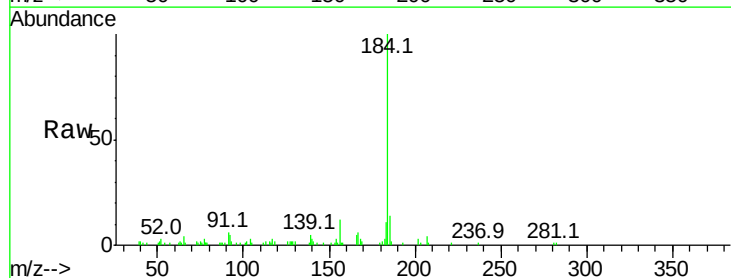
RT: 19.88 min Scan# 2773

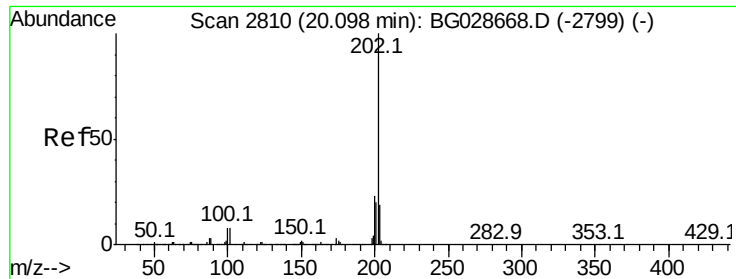
Delta R.T. -0.03 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	184	Resp:	59556
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.0	19.6
183	11.0	11.0	16.6





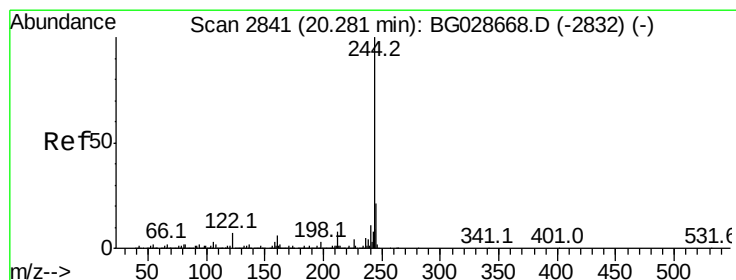
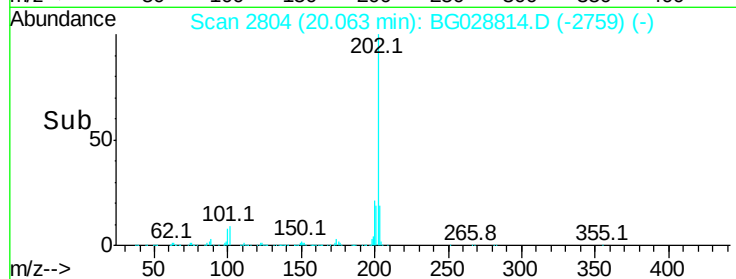
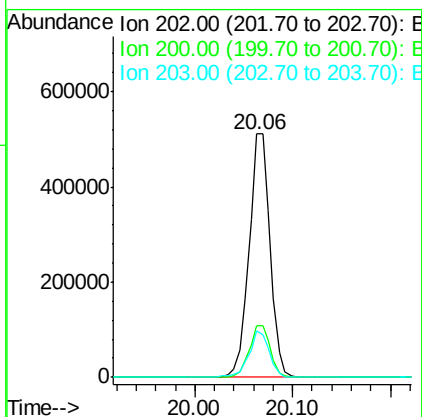
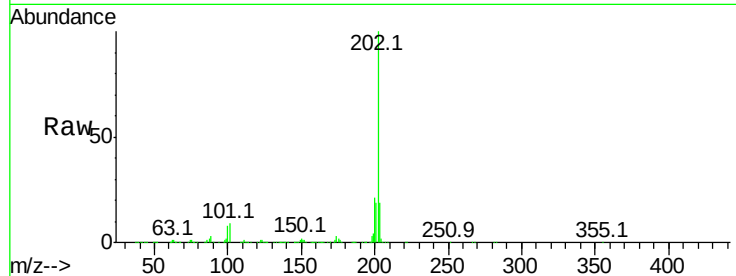
#77
Pvrene
Concen: 39.685 ng
RT: 20.06 min Scan# 2804
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion:	202	Resp:	772887
Ion Ratio	Lower	Upper	
202	100		
200	21.2	19.6	29.4
203	19.2	15.8	23.8

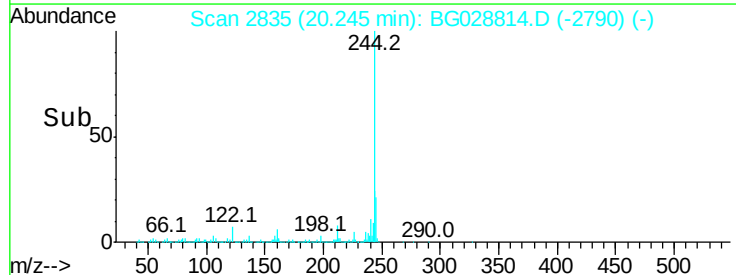
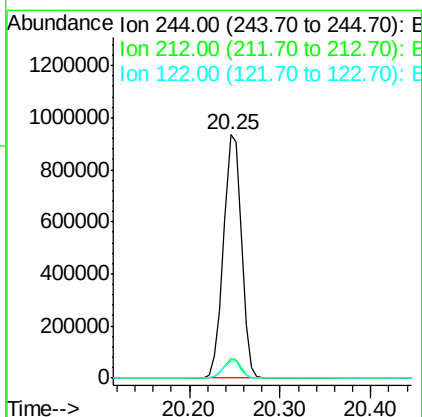
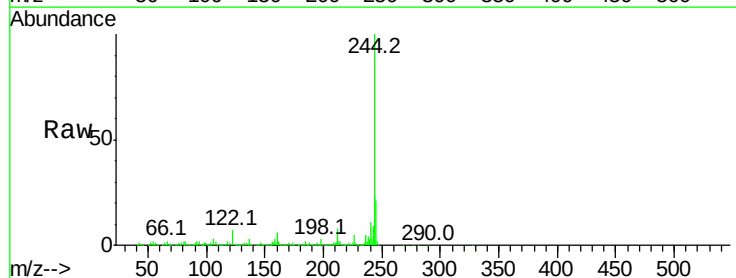
Manual Integrations
APPROVED

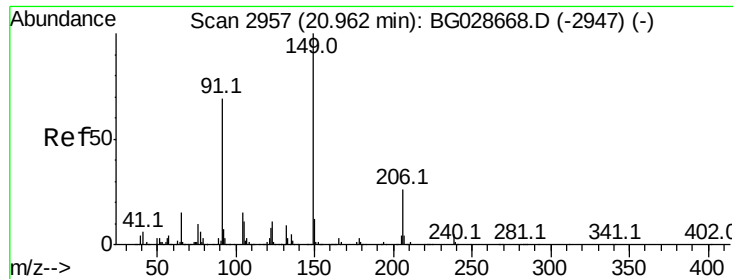
Sohil
9/19/2017 5:32:59 PM



#78
Terphenyl-d14
Concen: 80.879 ng
RT: 20.25 min Scan# 2835
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion:	244	Resp:	1280554
Ion Ratio	Lower	Upper	
244	100		
212	8.1	10.0	15.0#
122	7.1	8.6	12.8#





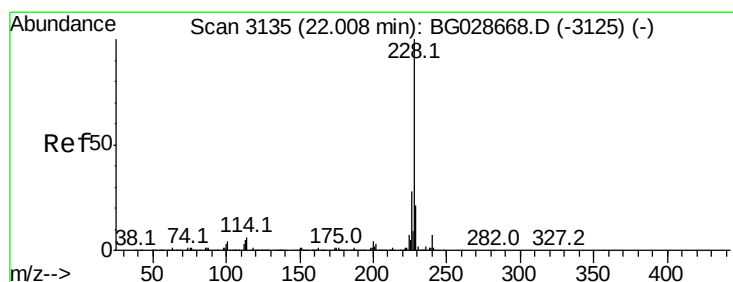
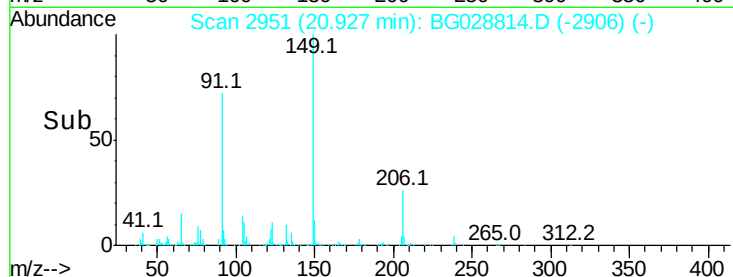
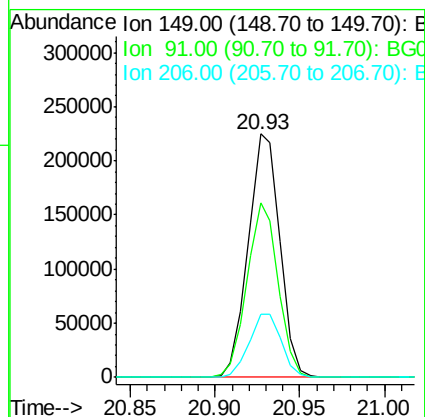
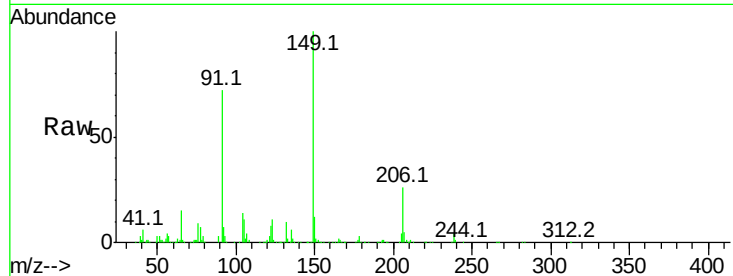
#79
Butylbenzylphthalate
Concen: 37.315 ng
RT: 20.93 min Scan# 2951
Delta R.T. -0.04 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.5	63.5	95.3
206	25.8	21.0	31.6

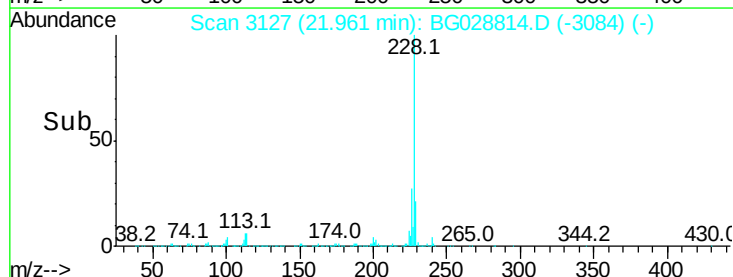
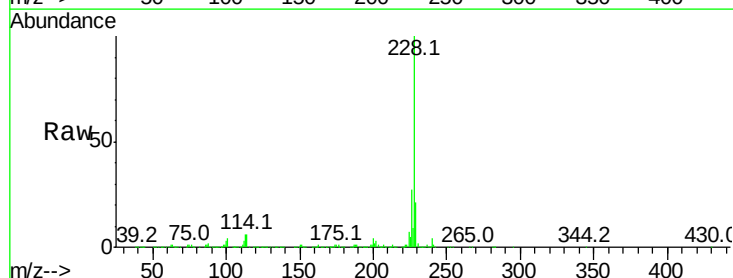
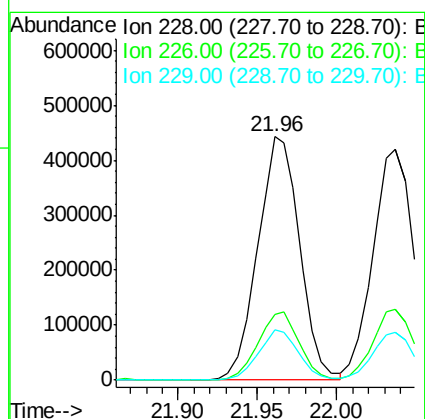
Manual Integrations
APPROVED

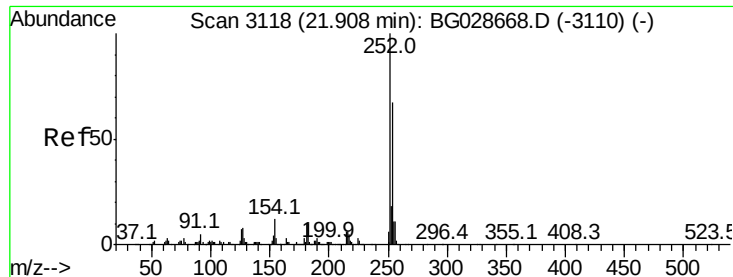
Sohil
9/19/2017 5:32:59 PM



#80
Benzo(a)anthracene
Concen: 39.899 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.05 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.9	24.9	37.3
229	20.8	18.2	27.2





#81

3,3'-Dichlorobenzidine

Concen: 25.092 ng

RT: 21.87 min Scan# 3111

Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

ClientSampleId :

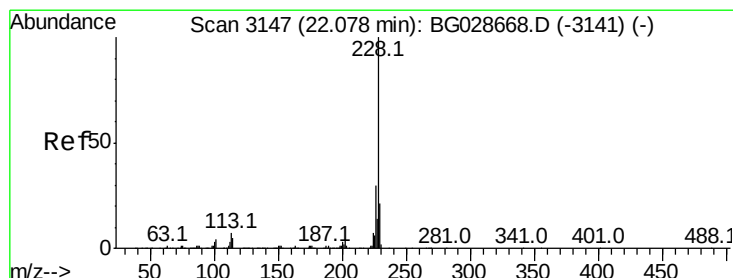
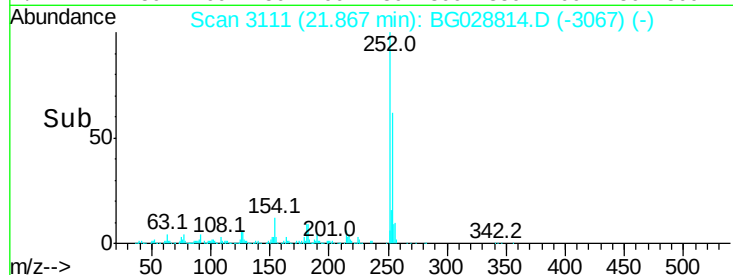
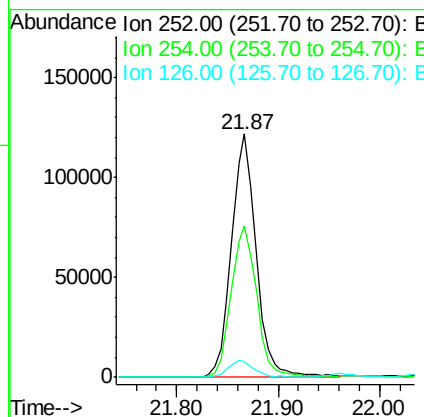
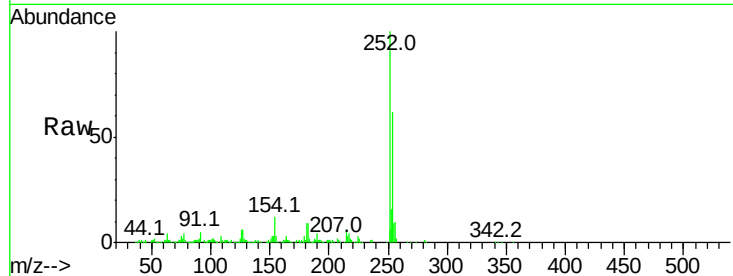
OK-01-091417MSD

Tot Ion:	252	Resp:	206763
Ion Ratio	Lower	Upper	
252	100		
254	62.3	53.1	79.7
126	6.4	7.0	10.4

Manual Integrations
APPROVED

Sohil

9/19/2017 5:32:59 PM



#82

Chrysene

Concen: 38.689 ng

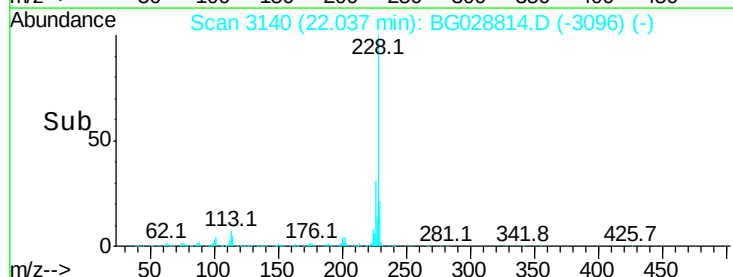
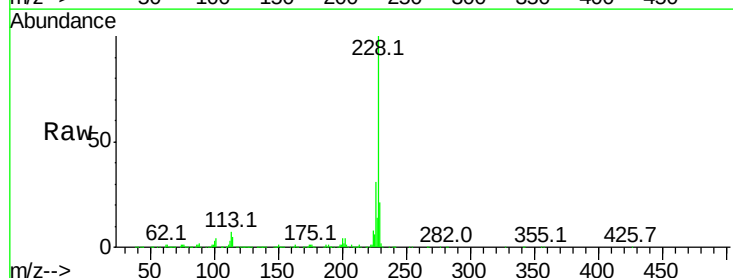
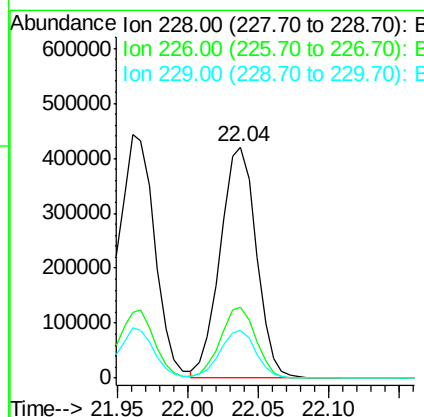
RT: 22.04 min Scan# 3140

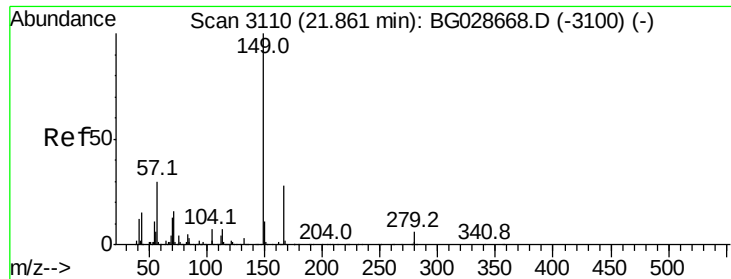
Delta R.T. -0.04 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion:	228	Resp:	746084
Ion Ratio	Lower	Upper	
228	100		
226	30.9	27.0	40.4
229	20.7	17.8	26.6





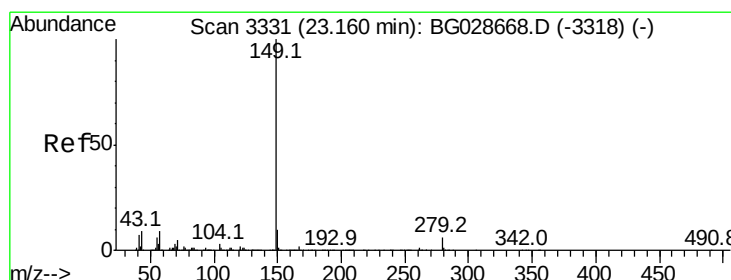
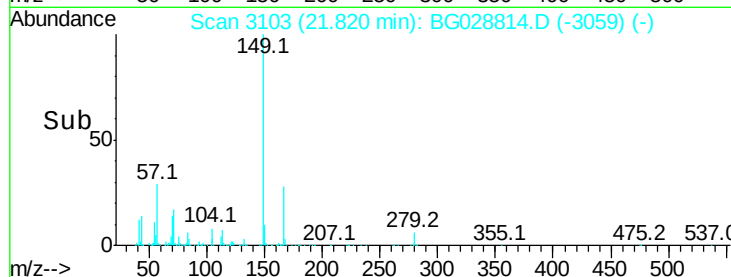
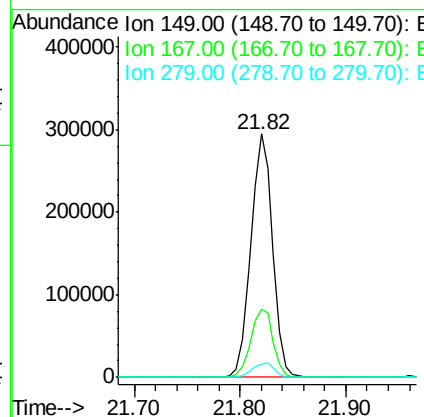
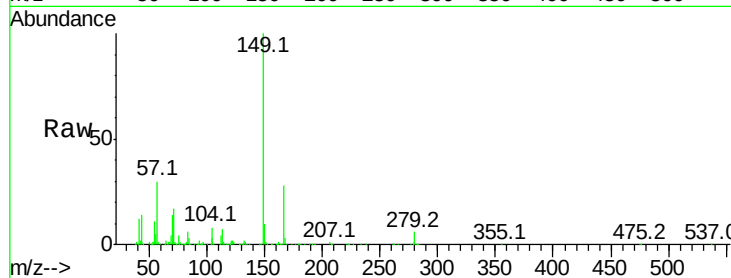
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.632 ng
 RT: 21.82 min Scan# 3103
 Delta R.T. -0.04 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.7	35.5
279	5.6	4.6	6.8

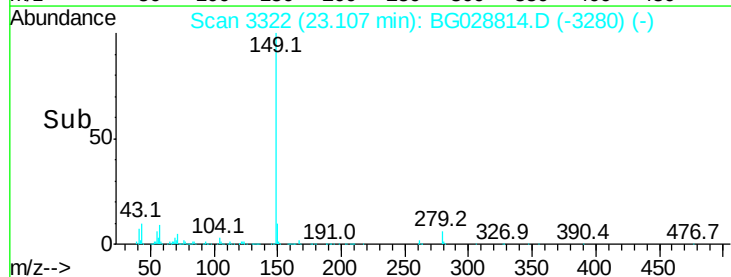
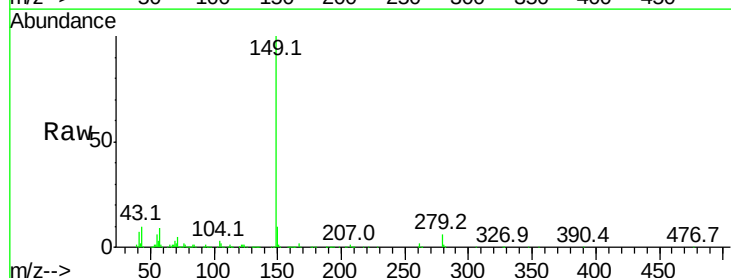
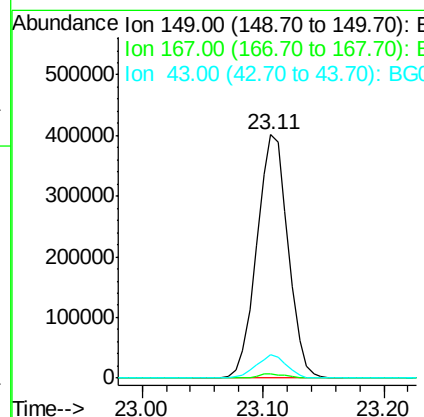
Manual Integrations
 APPROVED

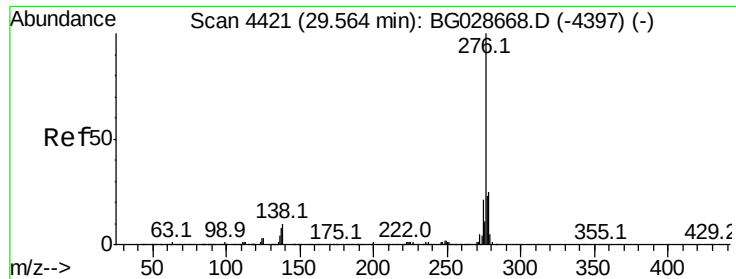
Sohil
 9/19/2017 5:32:59 PM



#84
 Di-n-octyl phthalate
 Concen: 36.716 ng
 RT: 23.11 min Scan# 3322
 Delta R.T. -0.05 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.2	11.8	17.6#





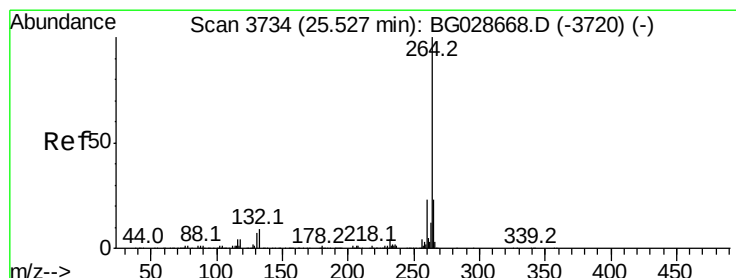
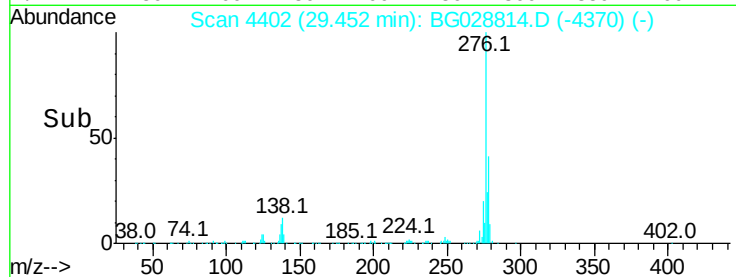
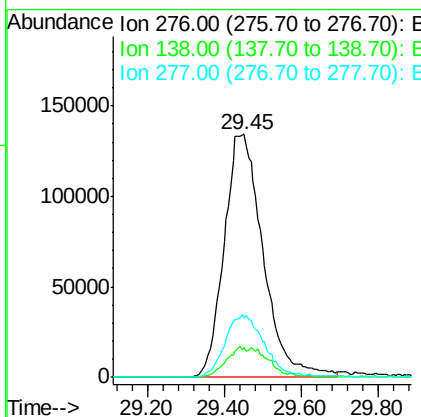
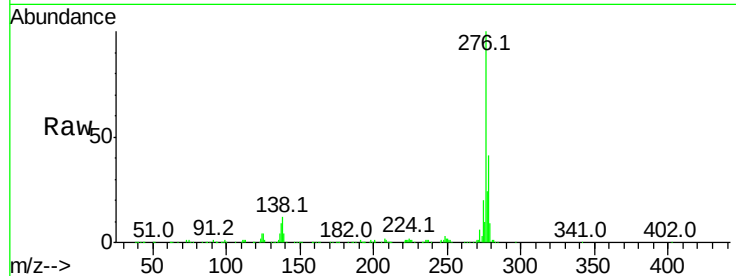
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.200 ng
 RT: 29.45 min Scan# 4402
 Delta R.T. -0.11 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion:	276	Resp:	946485
Ion Ratio	Lower	Upper	
276	100		
138	6.5	4.7	7.1
277	25.5	20.6	31.0

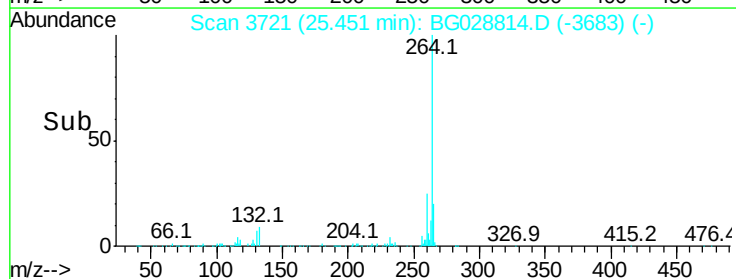
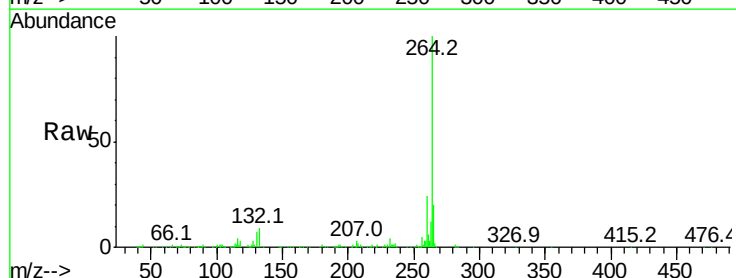
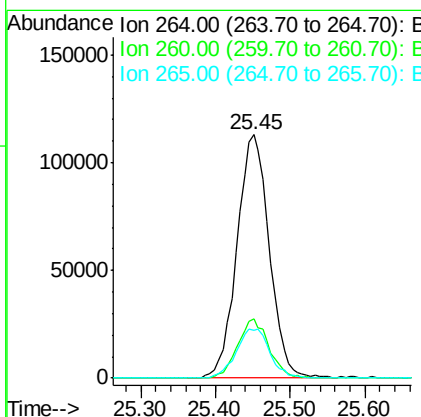
Manual Integrations
 APPROVED

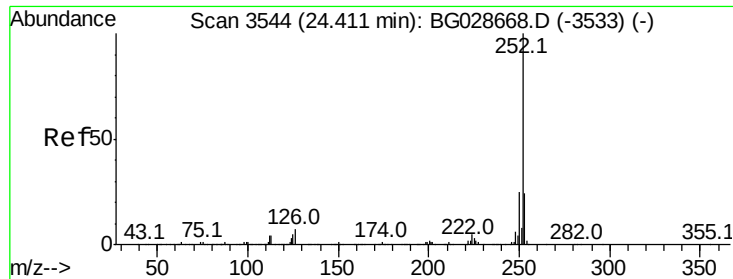
Sohil
 9/19/2017 5:32:59 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.08 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Tgt Ion:	264	Resp:	338754
Ion Ratio	Lower	Upper	
264	100		
260	24.5	21.8	32.8
265	19.6	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 40.729 ng m

RT: 24.35 min Scan# 3533

Delta R.T. -0.06 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Instrument :

BNA_G

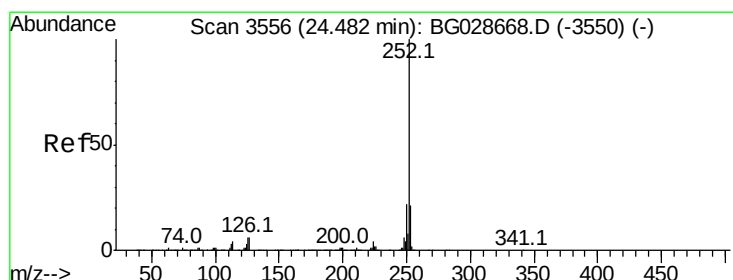
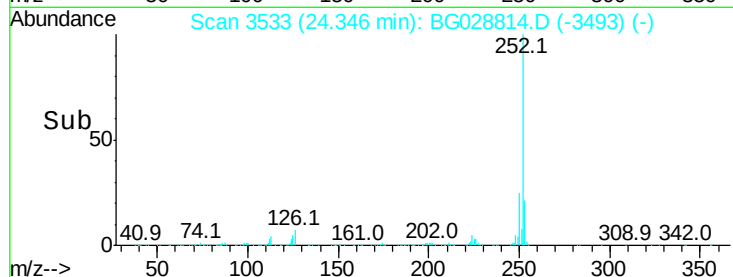
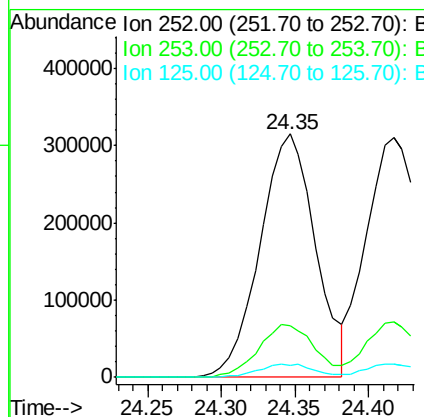
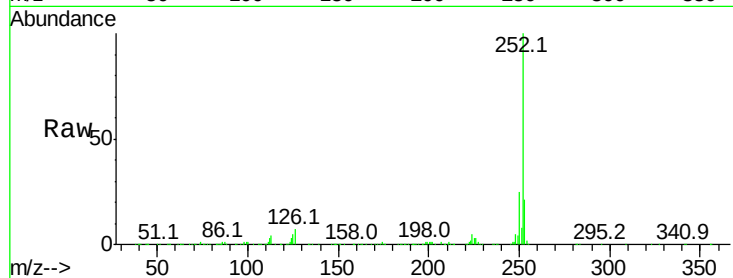
ClientSampleId :

OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.7	28.1
125	4.9	5.3	7.9#

Manual Integrations
APPROVED

Sohil
9/19/2017 5:32:59 PM



#88

Benzo(k)fluoranthene

Concen: 39.775 ng m

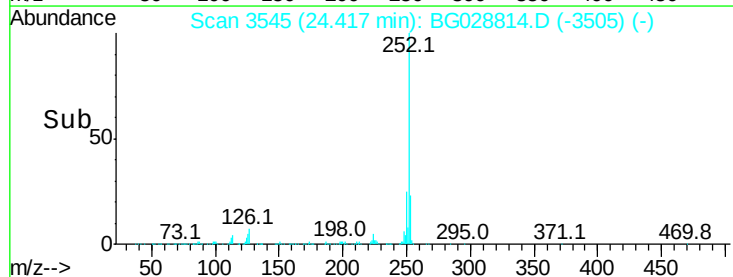
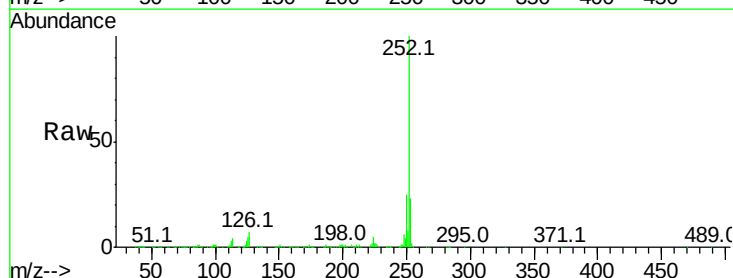
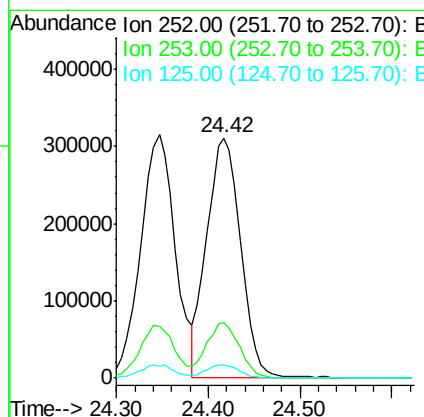
RT: 24.42 min Scan# 3545

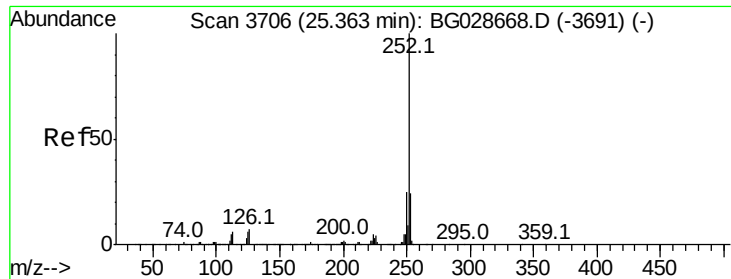
Delta R.T. -0.06 min

Lab File: BG028814.D

Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.2
125	5.4	5.1	7.7





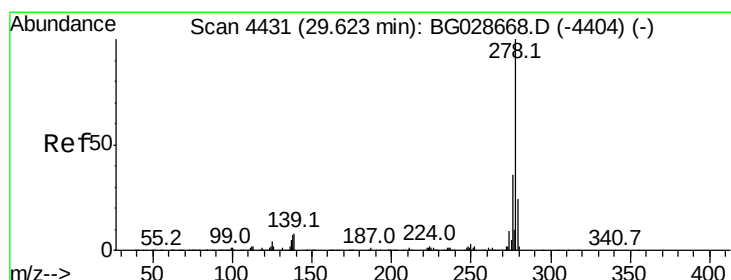
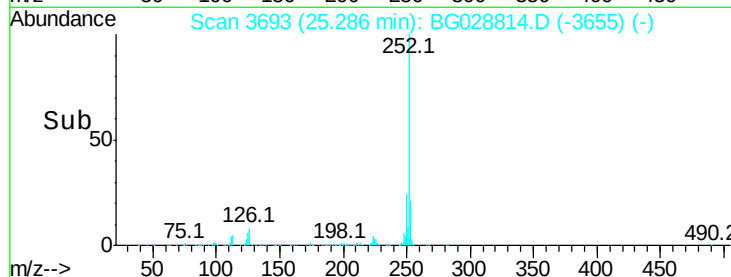
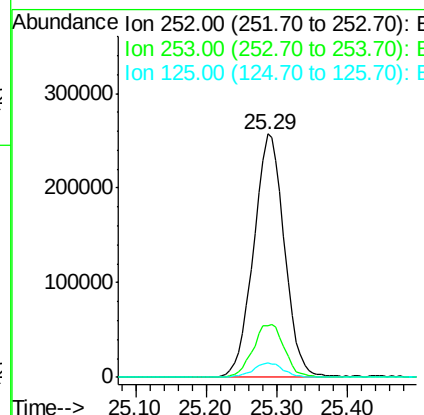
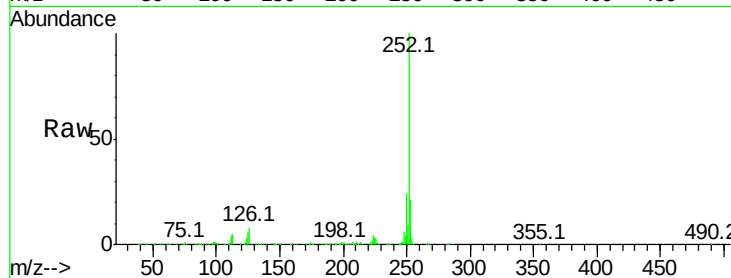
#89
Benzo(a)pyrene
Concen: 40.580 ng
RT: 25.29 min Scan# 3693
Delta R.T. -0.08 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	19.2	28.8
125	5.9	5.4	8.0

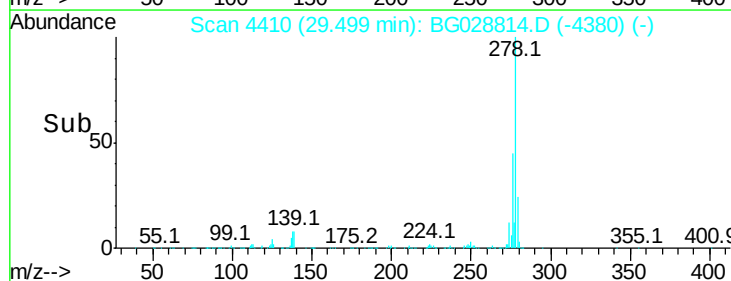
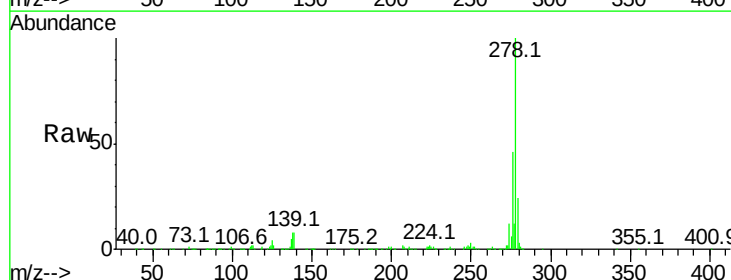
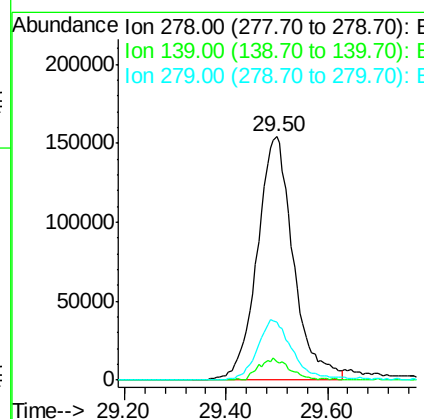
Manual Integrations
APPROVED

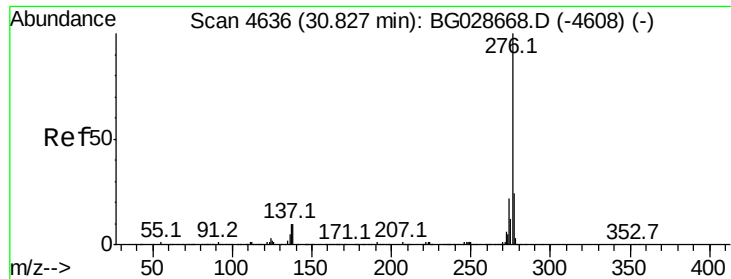
Sohil
9/19/2017 5:32:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.054 ng
RT: 29.50 min Scan# 4410
Delta R.T. -0.12 min
Lab File: BG028814.D
Acq: 19 Sep 2017 3:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.7	7.7	11.5#
279	23.7	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 38.250 ng
 RT: 30.69 min Scan# 4612
 Delta R.T. -0.14 min
 Lab File: BG028814.D
 Acq: 19 Sep 2017 3:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-091417MSD

Tot Ion:	276	Resp:	749585
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.6	27.8
138	10.5	8.1	12.1

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:32:59 PM

