

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099921.D
 Acq On : 28 Oct 2017 17:03
 Operator : SJ/JU
 Sample : I6077-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:20:25 PM

Quant Time: Oct 30 10:58:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94829	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	392832	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	177669	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	278113	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	159216	20.00	ng	-0.03
86) Perylene-d12	15.43	264	179010	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	431868	71.50	ng	0.00
7) Phenol-d6	6.43	99	512311	71.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	293317	48.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	102560	63.34	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	602058	52.28	ng	-0.02
78) Terphenyl-d14	12.89	244	397682	54.59	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	54051	20.264	ng	89
3) Pyridine	3.35	79	109402	17.056	ng	# 86
4) n-Nitrosodimethylamine	3.26	42	47852	20.882	ng	# 81
6) Aniline	6.46	93	148227	15.962	ng	# 90
8) 2-Chlorophenol	6.57	128	162490	25.241	ng	93
9) Benzaldehyde	6.35	77	79441	18.562	ng	99
10) Phenol	6.45	94	207189	26.348	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	151786	24.997	ng	95
12) 1,3-Dichlorobenzene	6.73	146	167472m	23.169	ng	
13) 1,4-Dichlorobenzene	6.80	146	172132	23.464	ng	98
14) 1,2-Dichlorobenzene	6.96	146	163226	24.413	ng	96
15) Benzyl Alcohol	6.94	79	115681	25.398	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	190333	28.217	ng	# 39
17) 2-Methylphenol	7.05	107	130159	24.171	ng	93
18) Hexachloroethane	7.29	117	56027	22.892	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	104690	24.943	ng	90
20) 3+4-Methylphenols	7.21	107	169610	27.051	ng	# 84
22) Acetophenone	7.20	105	221561	24.771	ng	96
24) Nitrobenzene	7.37	77	150913	24.547	ng	92
25) Isophorone	7.61	82	291805	26.355	ng	96
26) 2-Nitrophenol	7.69	139	87515	24.853	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	139240	26.837	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	198538	25.604	ng	98
29) 2,4-Dichlorophenol	7.94	162	143167	26.563	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	142831	24.802	ng	99
31) Naphthalene	8.09	128	472794	24.933	ng	99
33) 4-Chloroaniline	8.15	127	123289	15.745	ng	# 93
34) Hexachlorobutadiene	8.20	225	71534	24.150	ng	98
35) Caprolactam	8.51	113	29047	17.137	ng	# 77
36) 4-Chloro-3-methylphenol	8.64	107	133811	24.324	ng	87
37) 2-Methylnaphthalene	8.78	142	326574	25.699	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	135892	23.682	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	9938	19.817	ng	95
42) 2,4,6-Trichlorophenol	9.07	196	84852	24.446	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099921.D
 Acq On : 28 Oct 2017 17:03
 Operator : SJ/JU
 Sample : I6077-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:20:25 PM

Quant Time: Oct 30 10:58:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	87983	23.887	ng	# 91
45) 1,1'-Biphenyl	9.25	154	381587	23.741	ng	97
46) 2-Chloronaphthalene	9.27	162	295890	25.349	ng	94
47) 2-Nitroaniline	9.38	65	73590	24.021	ng	87
48) Acenaphthylene	9.69	152	432876	24.078	ng	100
49) Dimethylphthalate	9.55	163	448476	31.875	ng	100
50) 2,6-Dinitrotoluene	9.62	165	75193	25.422	ng	# 76
51) Acenaphthene	9.86	154	265524	24.171	ng	99
52) 3-Nitroaniline	9.79	138	70127	20.122	ng	# 92
53) 2,4-Dinitrophenol	9.97	184	2541	7.780	ng	# 1
54) Dibenzofuran	10.03	168	388418	25.049	ng	99
55) 4-Nitrophenol	9.98	139	51747	28.417	ng	84
56) 2,4-Dinitrotoluene	10.03	165	90535	25.416	ng	# 97
57) Fluorene	10.37	166	310488	24.184	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	55348	21.432	ng	# 94
59) Diethylphthalate	10.24	149	333485	24.271	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	145375	24.060	ng	91
61) 4-Nitroaniline	10.41	138	64113	19.282	ng	85
62) Azobenzene	10.52	77	279128	24.234	ng	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	7700	4.404	ng	# 72
65) n-Nitrosodiphenylamine	10.48	169	271936	26.488	ng	97
66) 4-Bromophenyl-phenylether	10.85	248	82063	28.028	ng	92
67) Hexachlorobenzene	10.93	284	78833	26.318	ng	# 86
68) Atrazine	11.01	200	80745	26.183	ng	100
69) Pentachlorophenol	11.13	266	32788	25.617	ng	98
70) Phenanthrene	11.34	178	513653	32.727	ng	99
71) Anthracene	11.39	178	417470	26.204	ng	99
72) Carbazole	11.55	167	345150	23.038	ng	99
73) Di-n-butylphthalate	11.86	149	489908	25.638	ng	# 99
74) Fluoranthene	12.53	202	440391	27.000	ng	98
76) Benzidine	12.66	184	72158	10.357	ng	98
77) Pyrene	12.76	202	431758	35.663	ng	99
79) Butylbenzylphthalate	13.36	149	147457	24.734	ng	95
80) Benzo(a)anthracene	13.96	228	292176	28.948	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	76320	20.831	ng	99
82) Chrysene	13.99	228	280532	29.564	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	219070	26.167	ng	# 99
84) Di-n-octyl phthalate	14.53	149	360402	25.081	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.90	276	300999	34.554	ng	97
87) Benzo(b)fluoranthene	15.00	252	310422	27.462	ng	100
88) Benzo(k)fluoranthene	15.03	252	264291	24.795	ng	100
89) Benzo(a)pyrene	15.37	252	285082	28.076	ng	98
90) Dibenzo(a,h)anthracene	16.89	278	238473	26.431	ng	97
91) Benzo(g,h,i)perylene	17.34	276	247376	28.025	ng	96

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

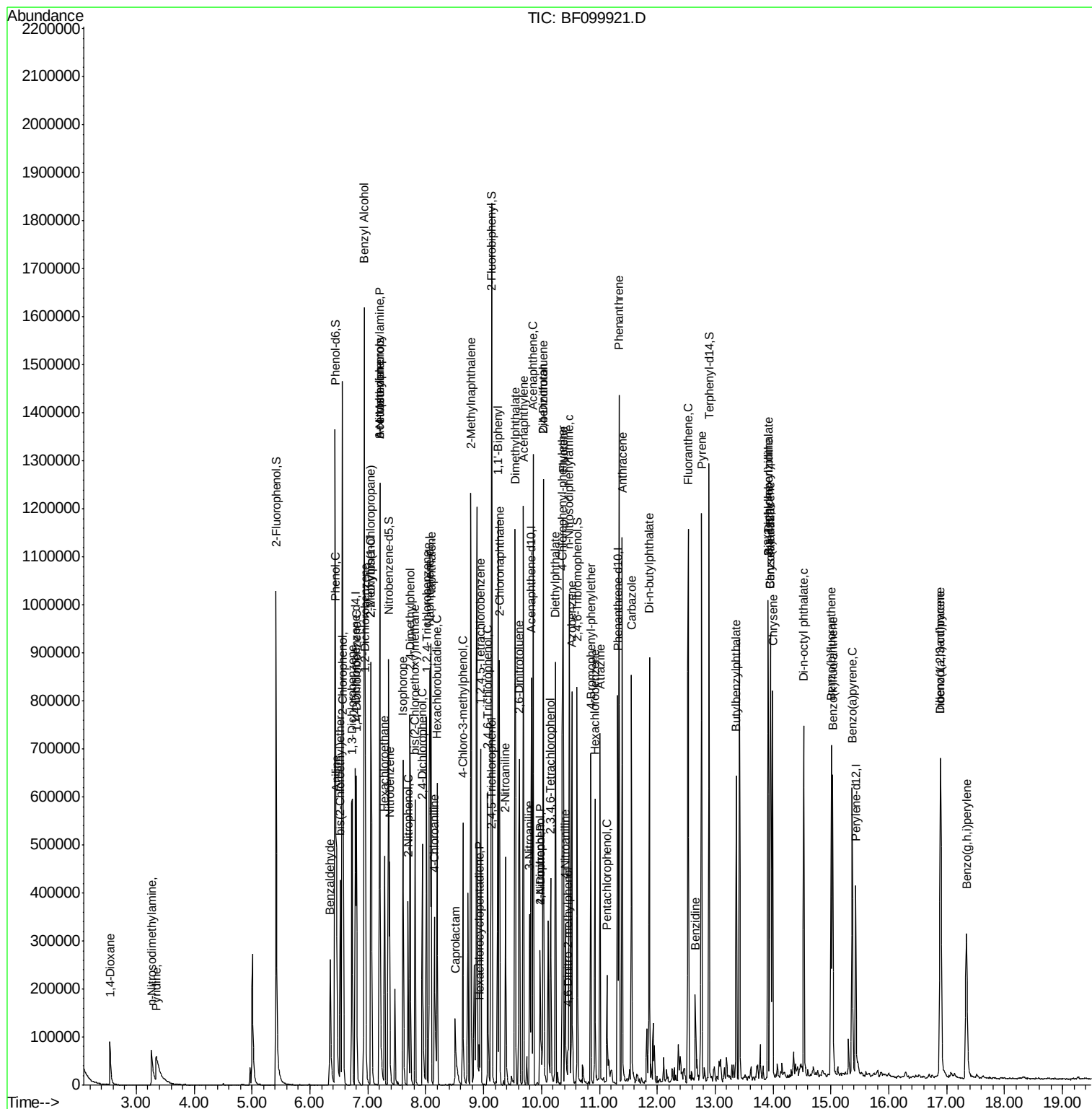
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099921.D
Acq On    : 28 Oct 2017  17:03
Operator  : SJ/JU
Sample    : I6077-01MSD
Misc      :
ALS Vial  : 13      Sample Multiplier: 1
```

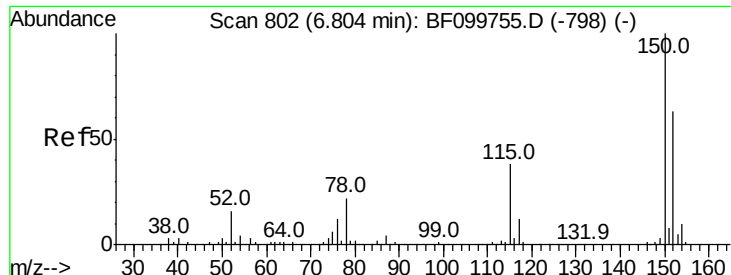
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Manual Integrations APPROVED

Sohil
10/30/2017 6:20:25 PM

Quant Time: Oct 30 10:58:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration





#1

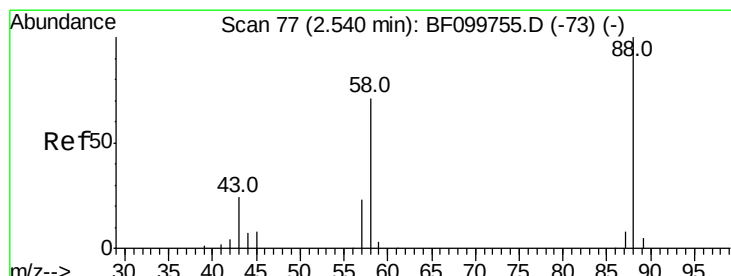
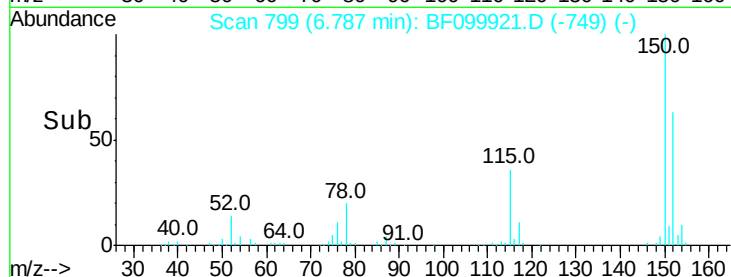
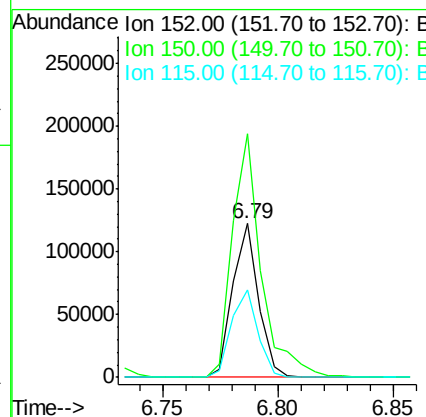
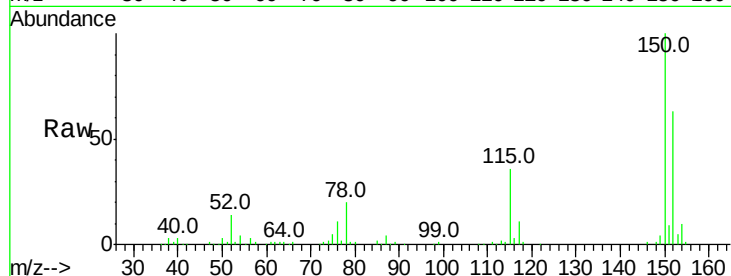
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	56.8	50.1	75.1

Manual Integrations
APPROVED

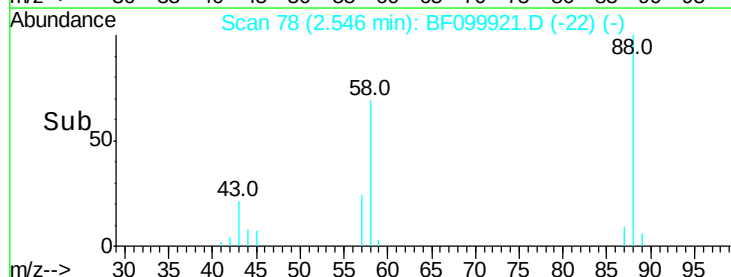
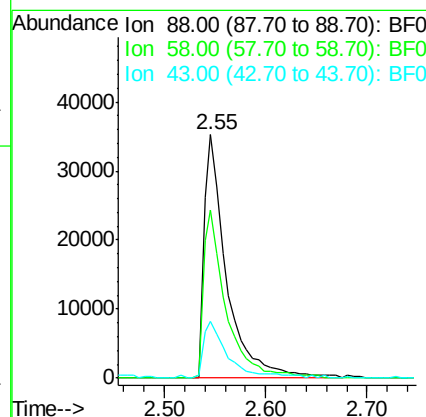
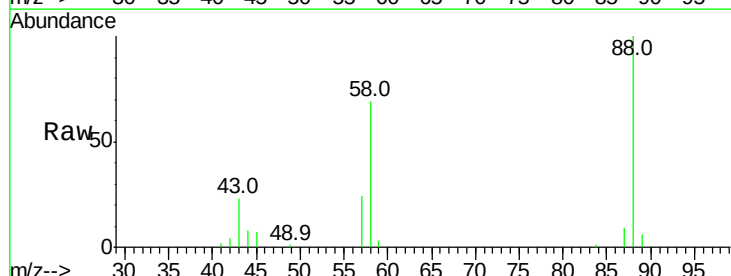
Sohil
10/30/2017 6:20:25 PM

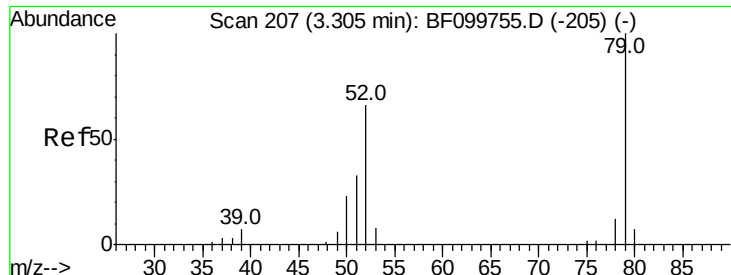


#2

1,4-Dioxane
Concen: 20.264 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	62.6	93.8
43	25.4	24.6	37.0





#3

Pvridine

Concen: 17.056 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.06 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

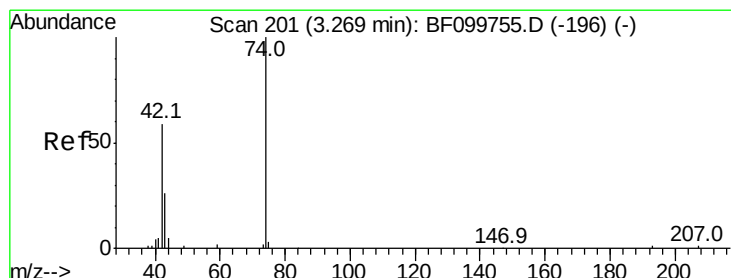
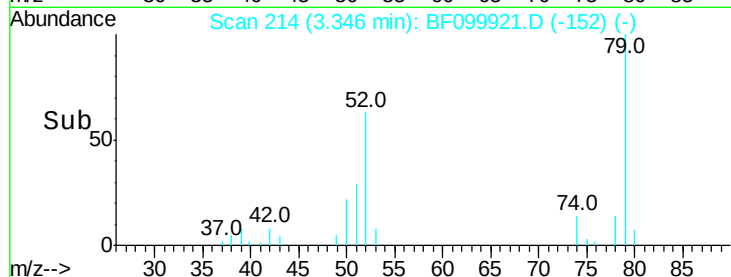
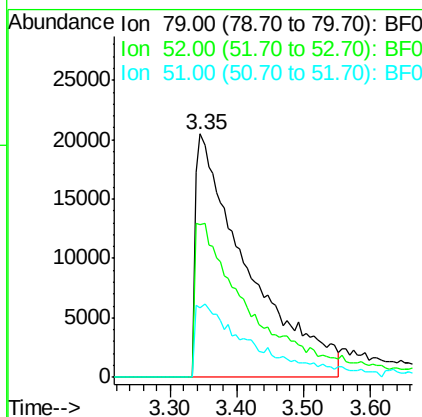
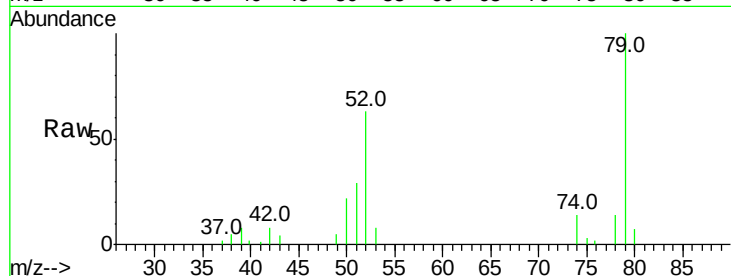
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	62.9	59.8	89.6	
51	28.7	29.8	44.8	

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#4

n-Nitrosodimethylamine

Concen: 20.882 ng

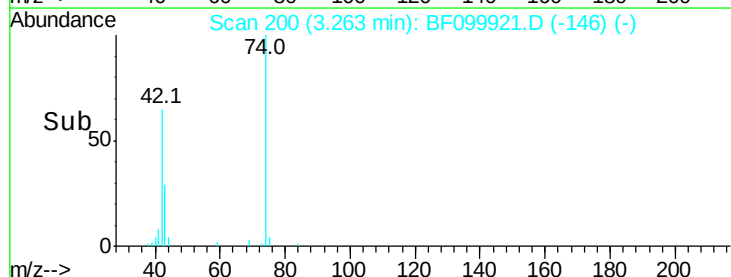
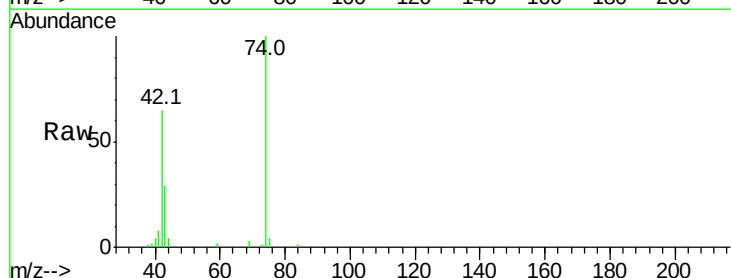
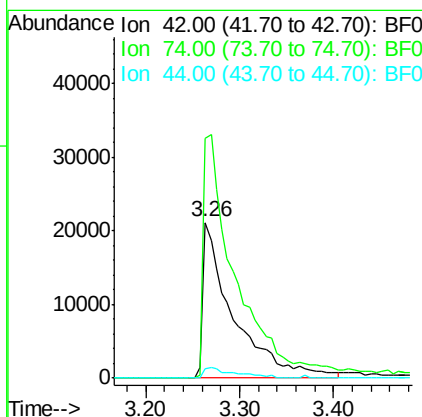
RT: 3.26 min Scan# 200

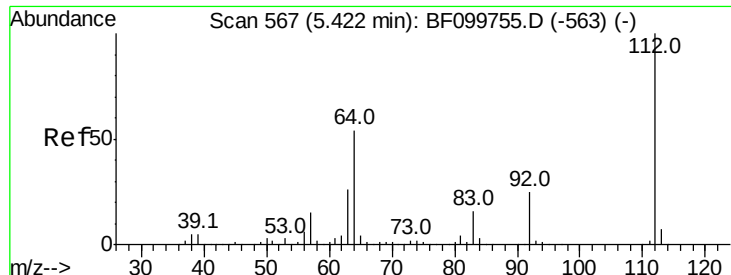
Delta R.T. 0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	153.8	104.9	157.3	
44	6.2	6.9	10.3	





#5

2-Fluorophenol

Concen: 71.499 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

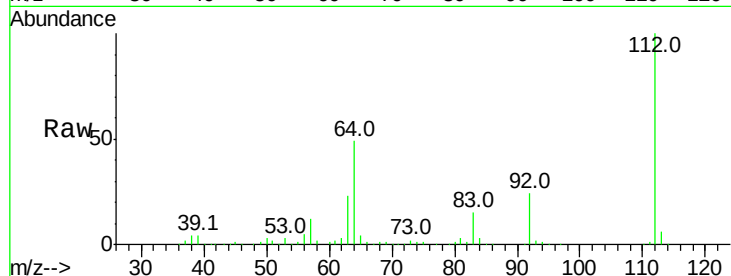
ClientSampleId :

FILL-PILE-1-COMP-1MSD

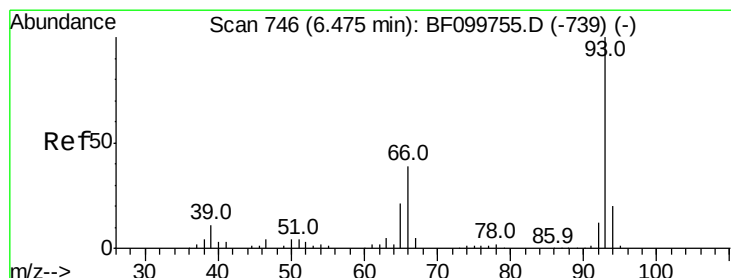
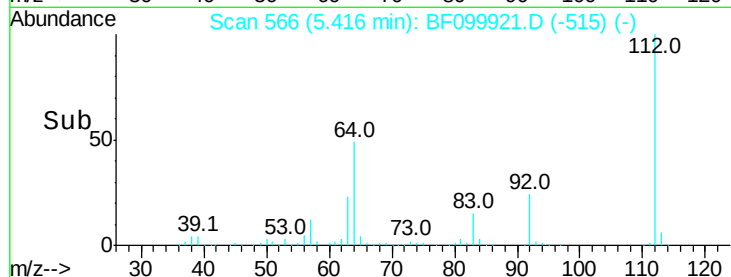
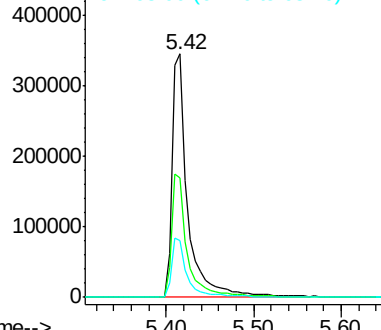
Tot Ion:	112	Resp:	431868
Ion Ratio	Lower	Upper	
112	100		
64	48.8	47.9	71.9
63	23.4	23.7	35.5#

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 15.962 ng

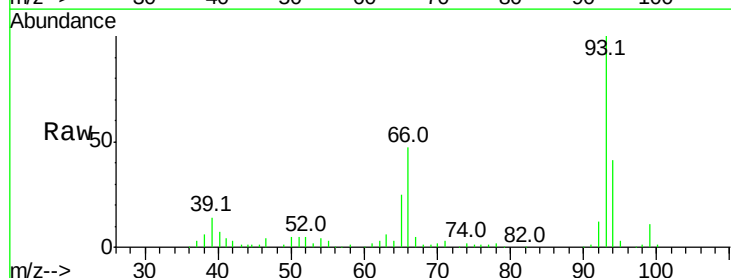
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

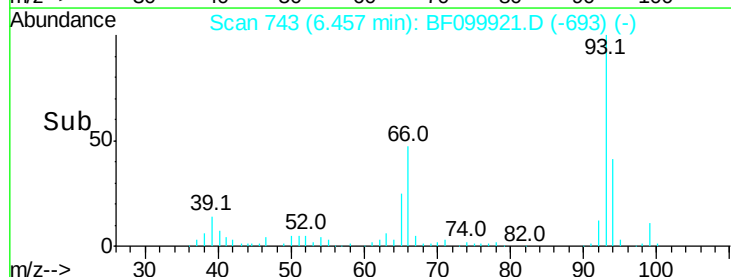
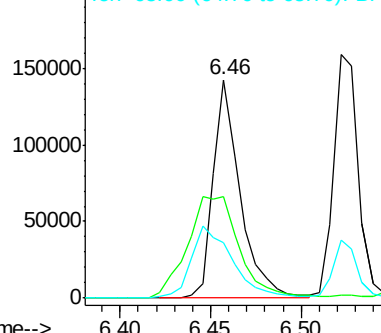
Lab File: BF099921.D

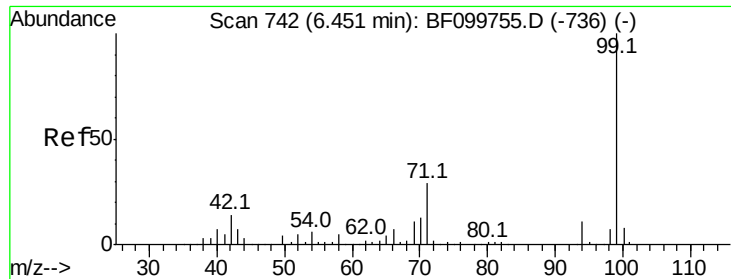
Acq: 28 Oct 2017 17:03

Tgt Ion:	93	Resp:	148227
Ion Ratio	Lower	Upper	
93	100		
66	46.7	32.2	48.2
65	25.4	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 71.532 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

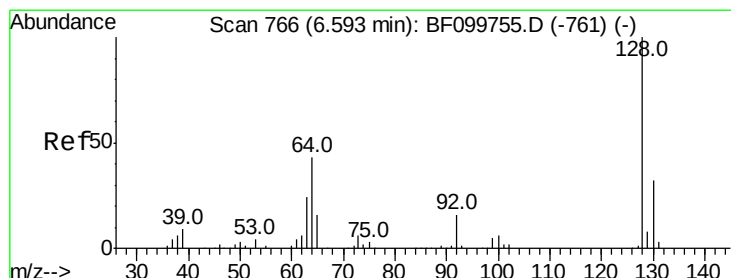
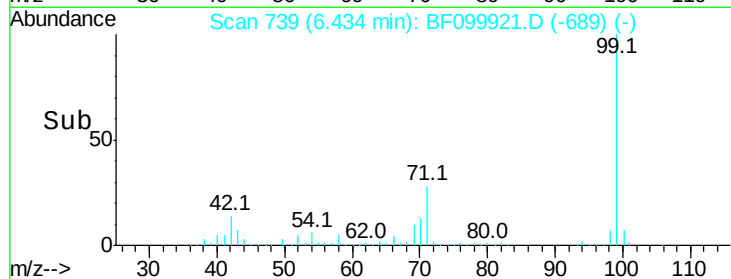
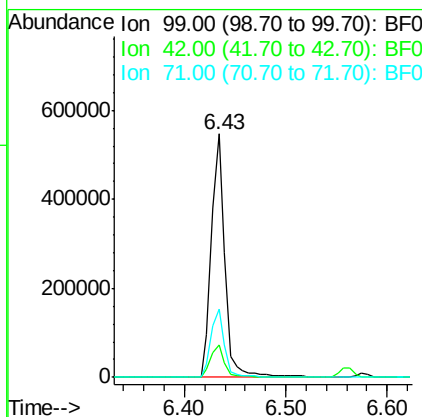
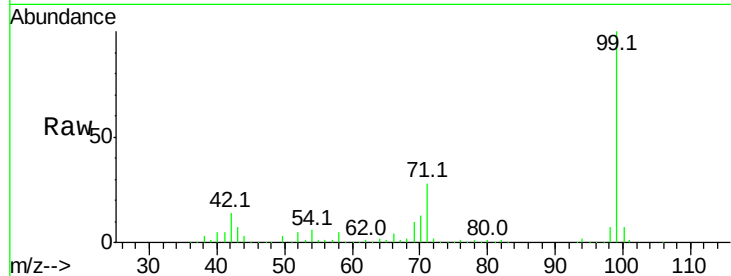
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	99	Resp:	512311
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.5	21.7#
71	28.0	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#8

2-Chlorophenol

Concen: 25.241 ng

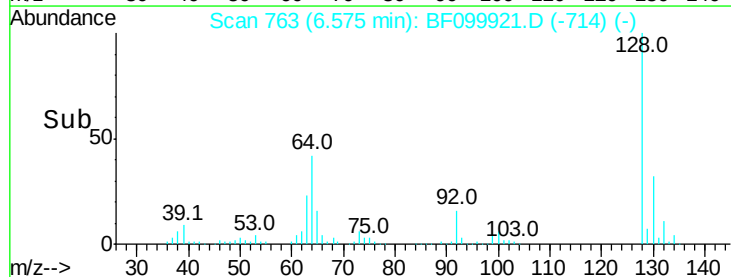
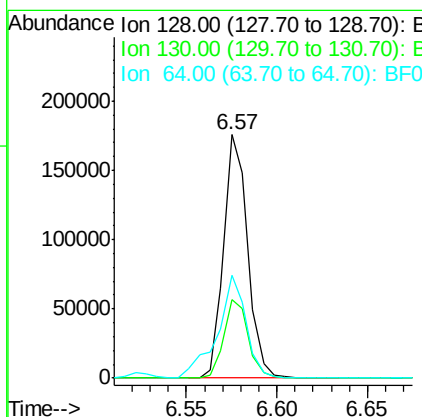
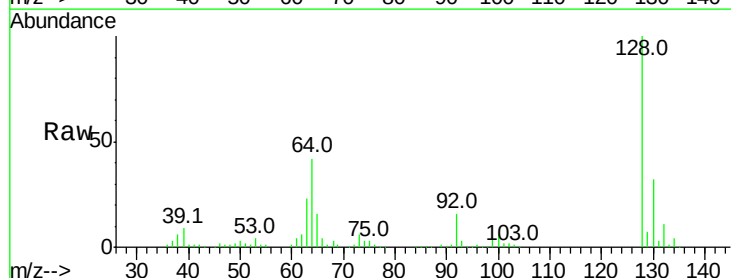
RT: 6.57 min Scan# 763

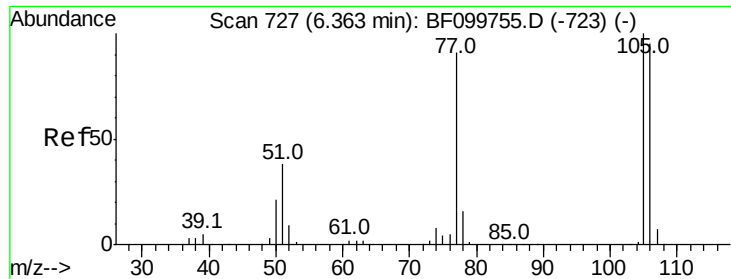
Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	128	Resp:	162490
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	42.1	29.4	69.4





#9

Benzaldehyde

Concen: 18.562 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

ClientSampleId :

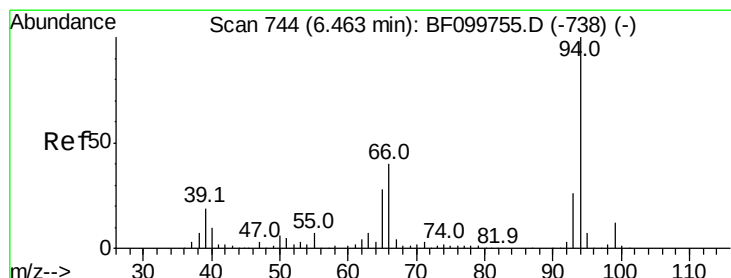
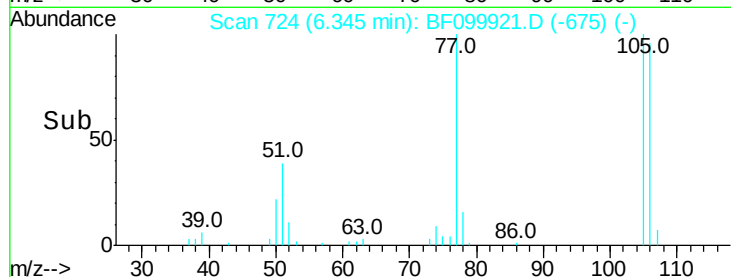
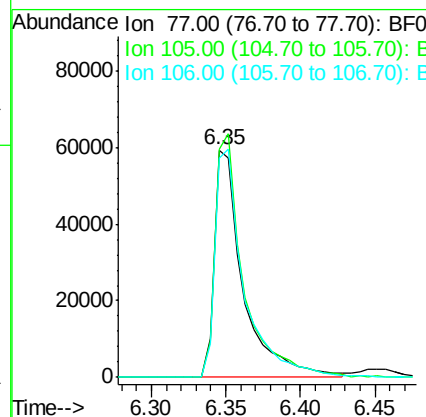
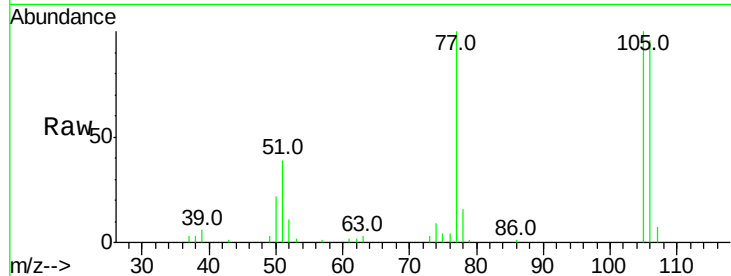
FILL-PILE-1-COMP-1MSD

Tot Ion: 77 Resp: 79441

Ion	Ratio	Lower	Upper
77	100		
105	100.5	81.1	121.1
106	96.3	74.5	114.5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#10

Phenol

Concen: 26.348 ng

RT: 6.45 min Scan# 741

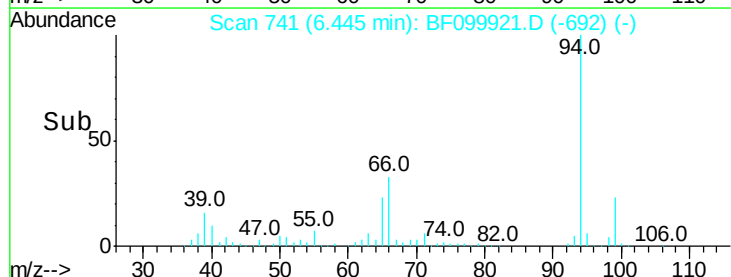
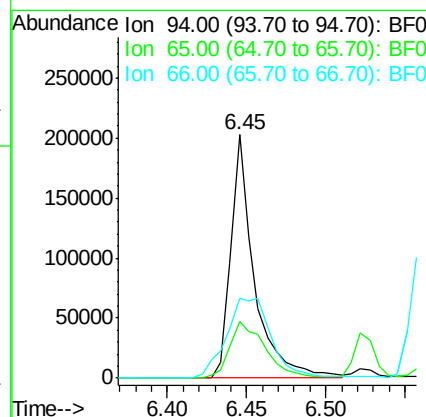
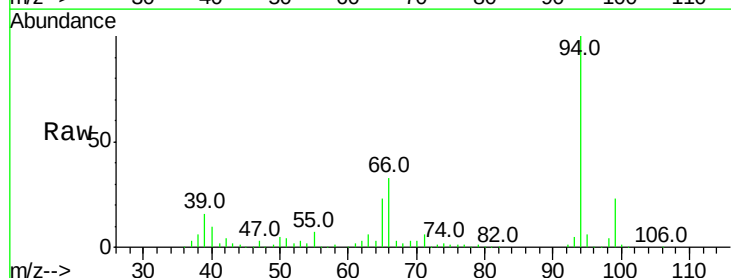
Delta R.T. -0.01 min

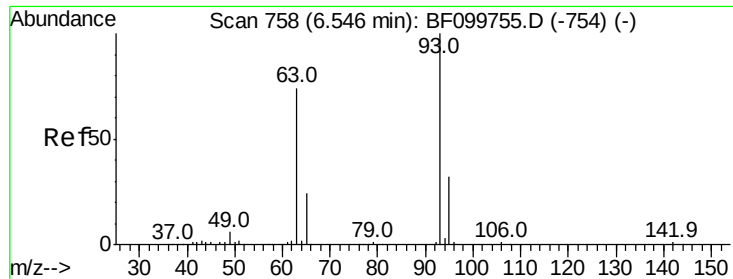
Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion: 94 Resp: 207189

Ion	Ratio	Lower	Upper
94	100		
65	23.3	7.9	47.9
66	32.7	16.2	56.2





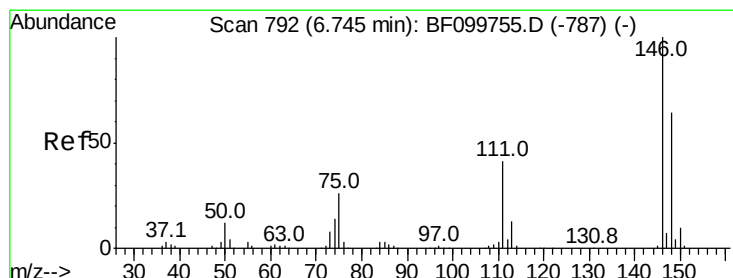
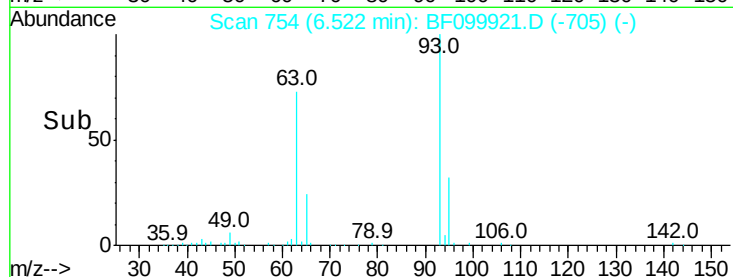
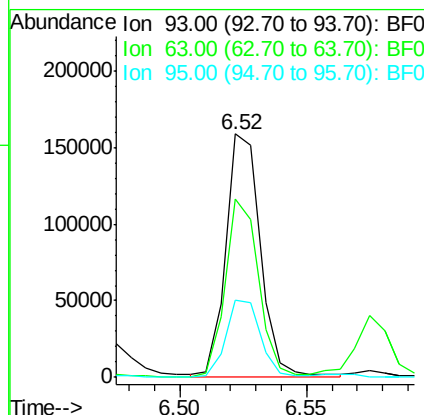
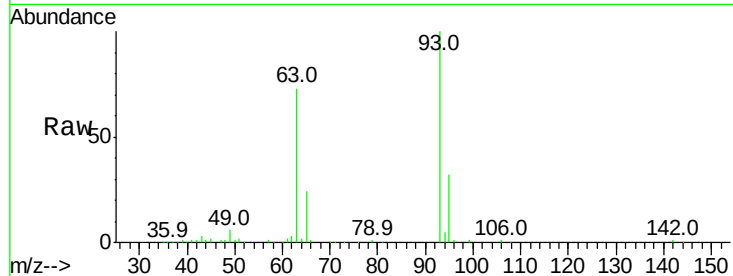
#11
bis(2-Chloroethyl)ether
Concen: 24.997 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	151786		
63	73.1	58.6	98.6	
95	31.7	11.8	51.8	

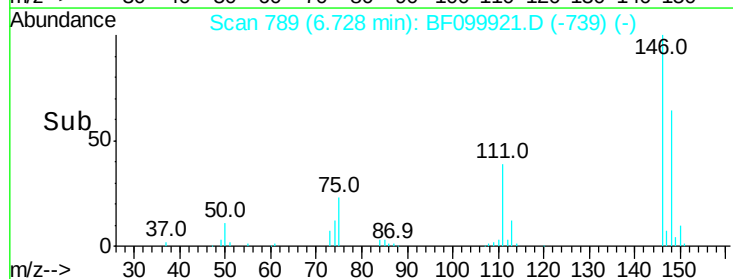
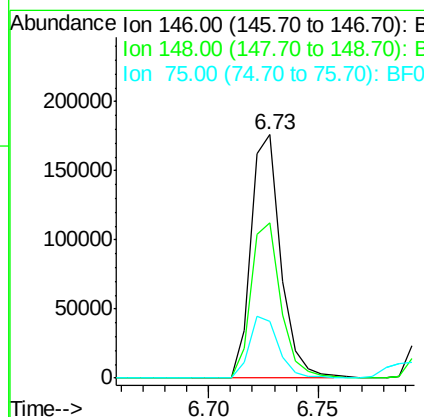
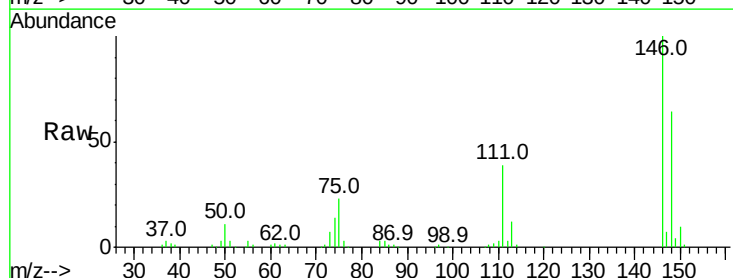
Manual Integrations
APPROVED

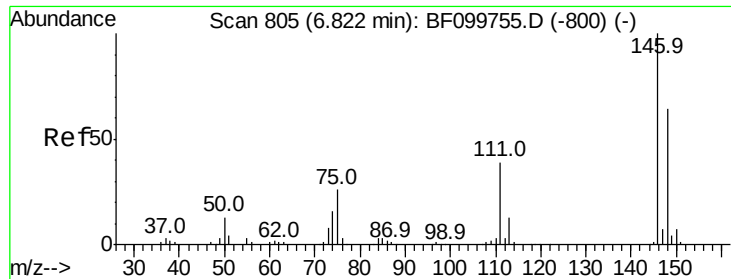
Sohil
10/30/2017 6:20:25 PM



#12
1,3-Dichlorobenzene
Concen: 23.169 ng m
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167472		
148	63.7	51.8	77.8	
75	23.2	24.2	36.4	





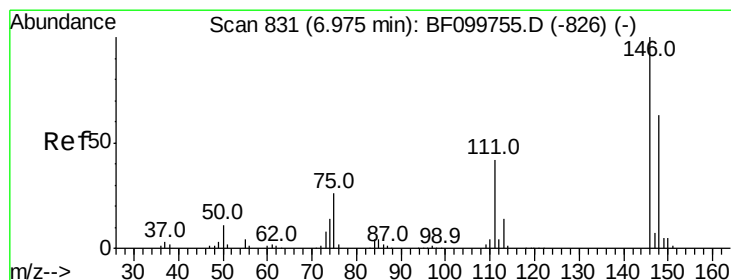
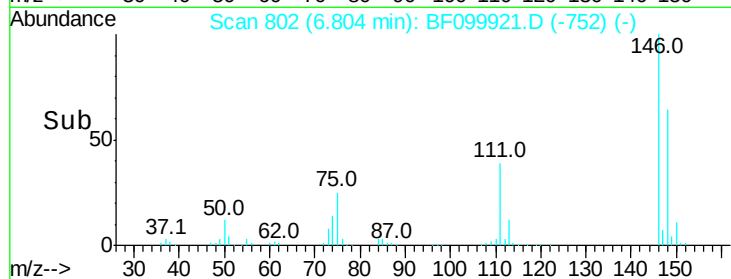
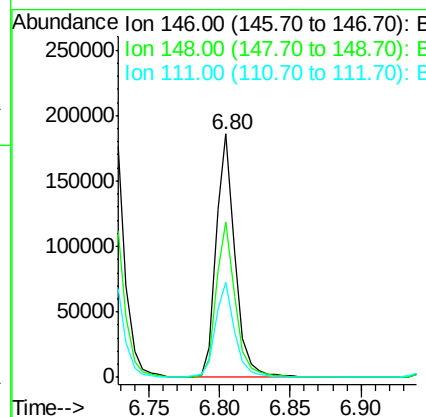
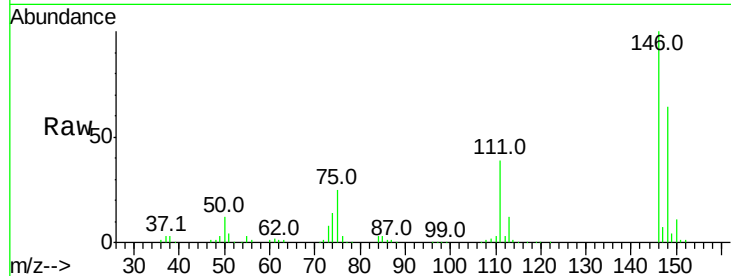
#13
1,4-Dichlorobenzene
Concen: 23.464 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	38.9	34.2	51.2

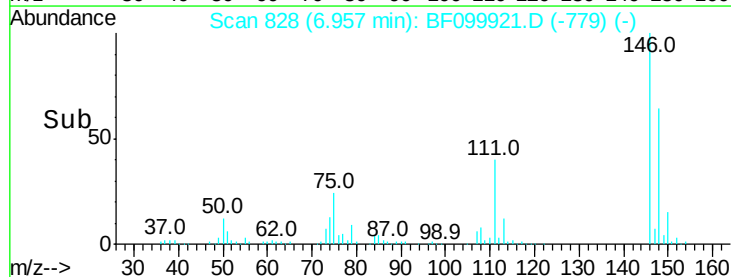
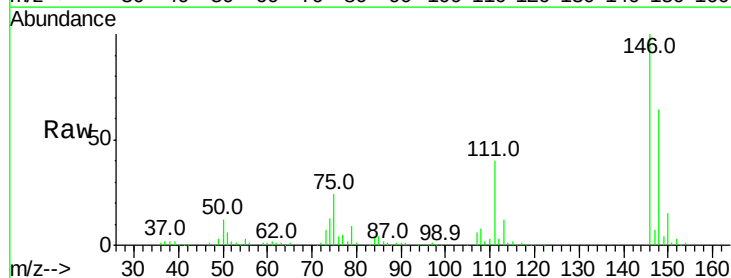
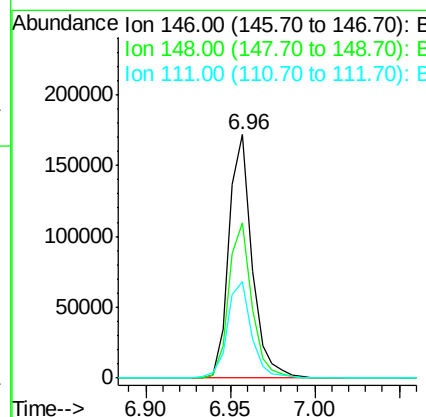
Manual Integrations
APPROVED

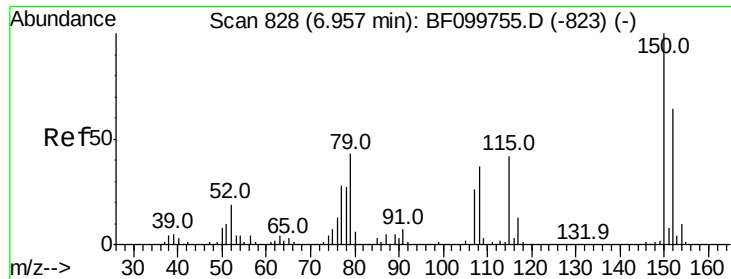
Sohil
10/30/2017 6:20:25 PM



#14
1,2-Dichlorobenzene
Concen: 24.413 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	39.7	36.0	54.0





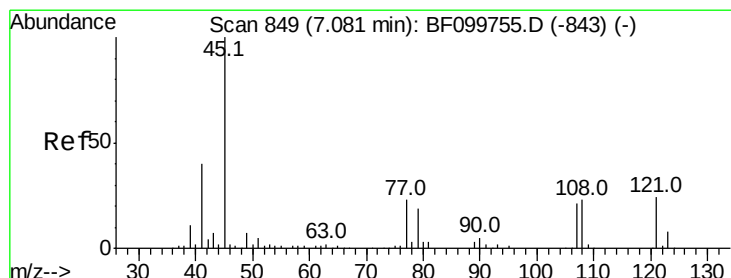
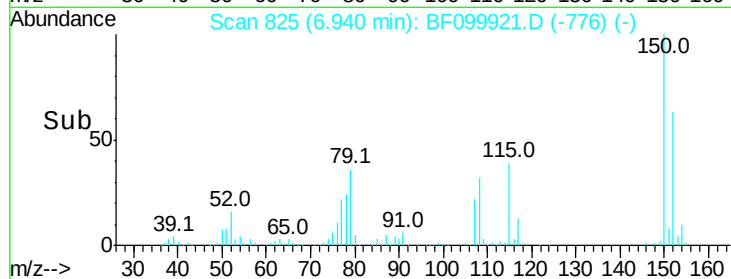
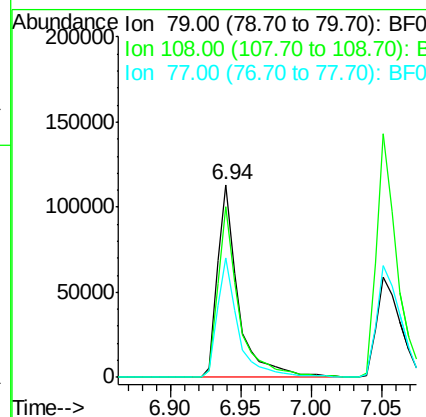
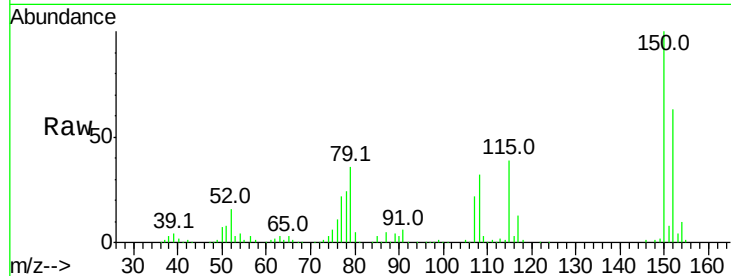
#15
Benzyl Alcohol
Concen: 25.398 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.7	65.1	97.7
77	61.9	50.6	75.8

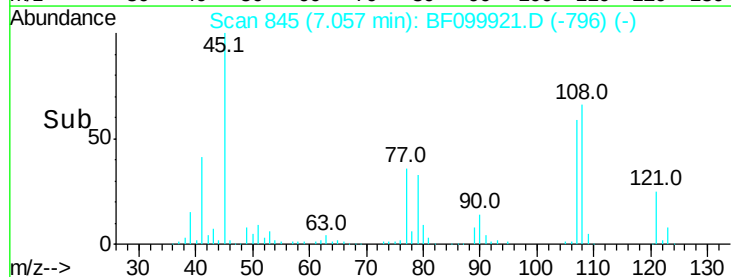
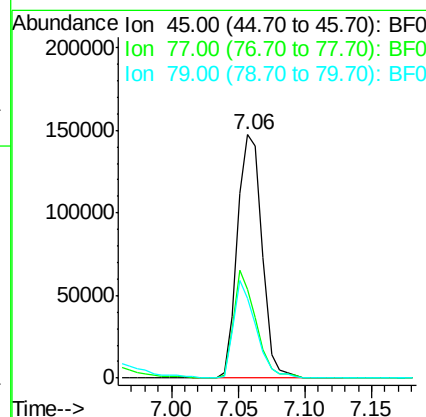
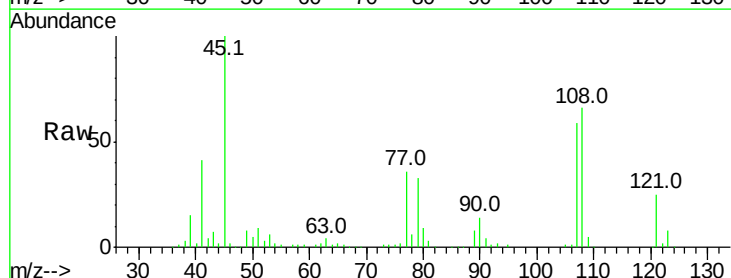
Manual Integrations
APPROVED

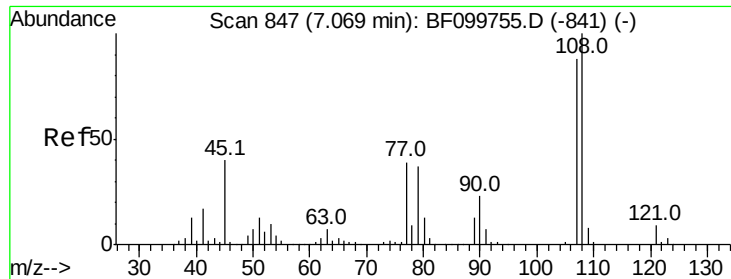
Sohil
10/30/2017 6:20:25 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.217 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.4	0.0	32.9#
79	33.0	0.0	29.6#





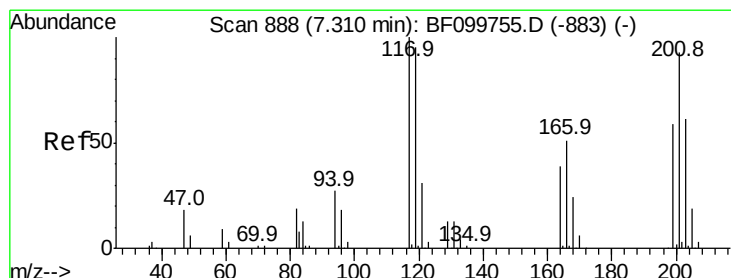
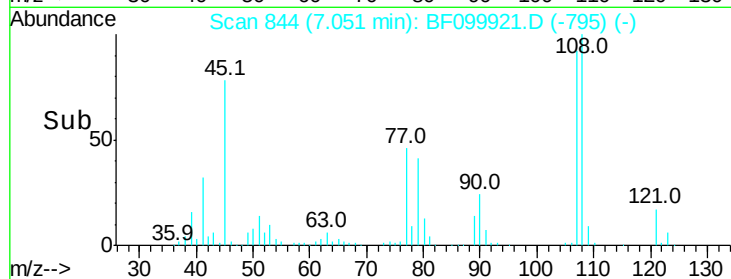
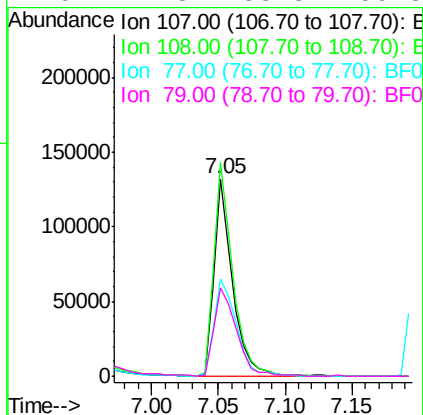
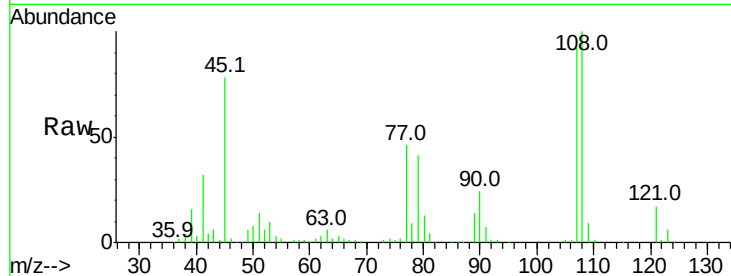
#17
2-Methylphenol
Concen: 24.171 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.2	91.7	137.5
77	49.5	33.8	50.8
79	44.8	33.8	50.8

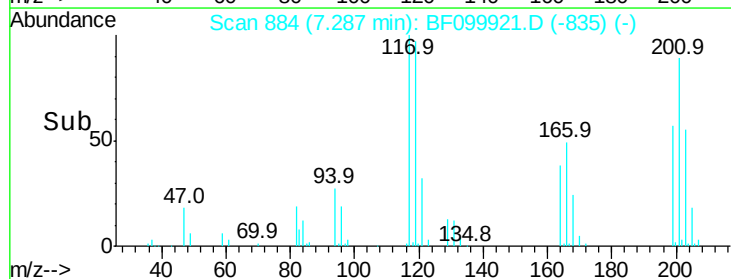
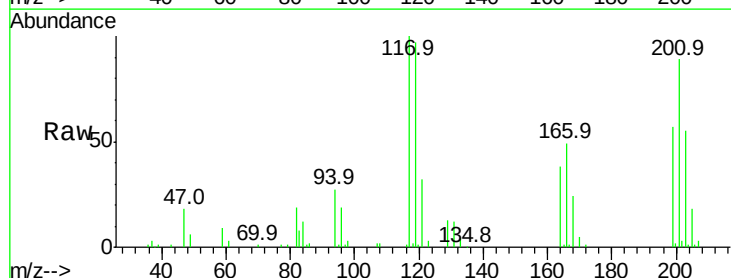
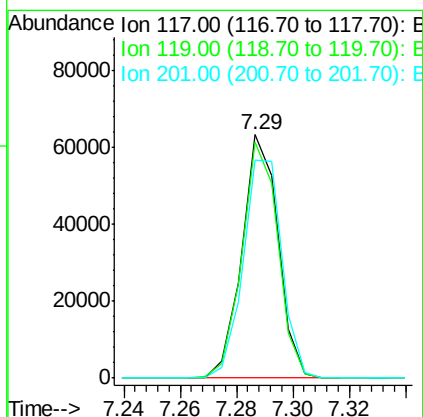
Manual Integrations
APPROVED

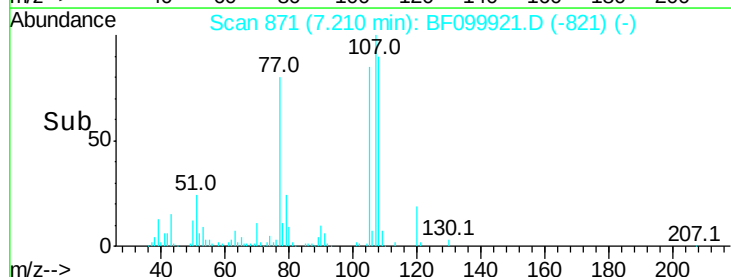
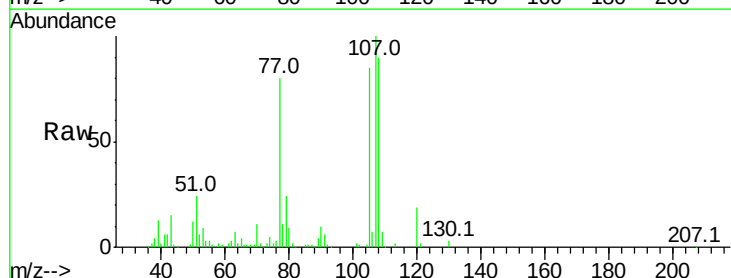
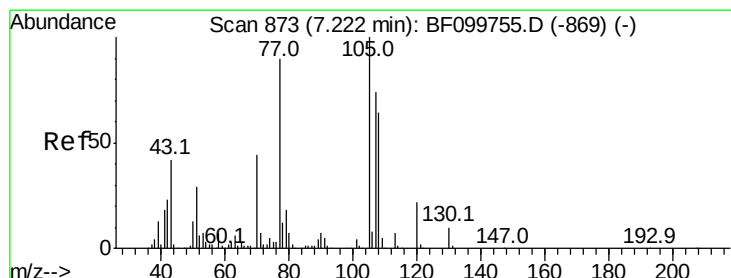
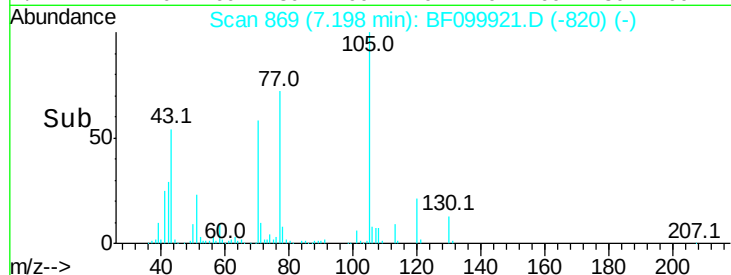
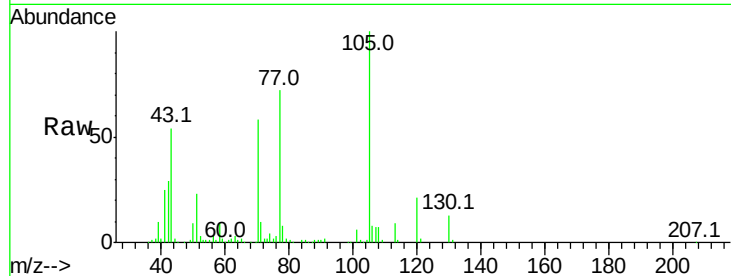
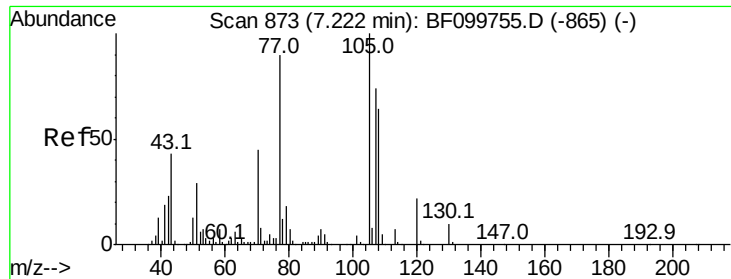
Sohil
10/30/2017 6:20:25 PM



#18
Hexachloroethane
Concen: 22.892 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

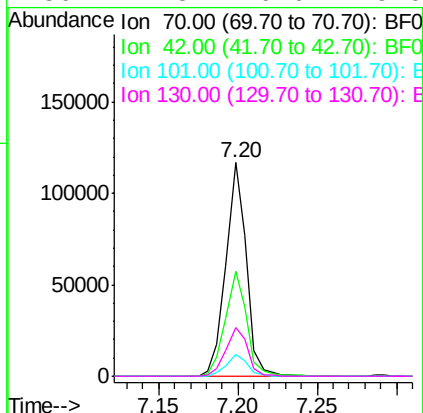
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	89.4	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 24.943 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.1	47.5	71.3	
101	9.9	7.4	11.2	
130	22.8	16.6	25.0	



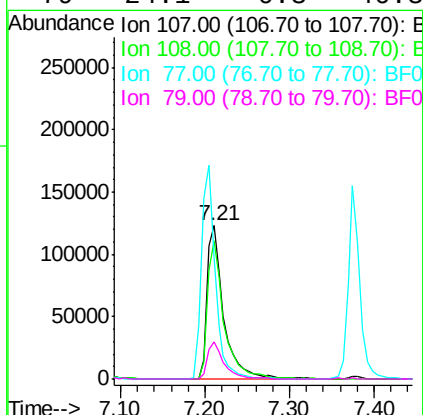
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

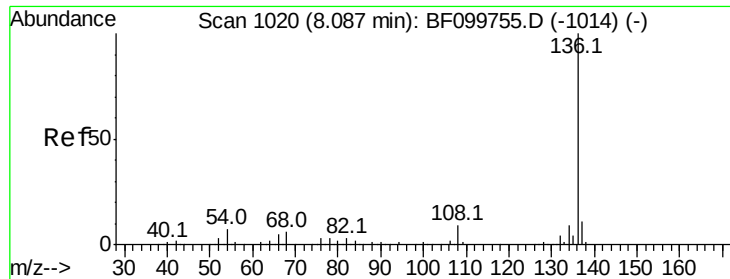
Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM

#20
3+4-Methylphenols
Concen: 27.051 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.2	108.2	
77	79.6	26.7	66.7#	
79	24.1	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

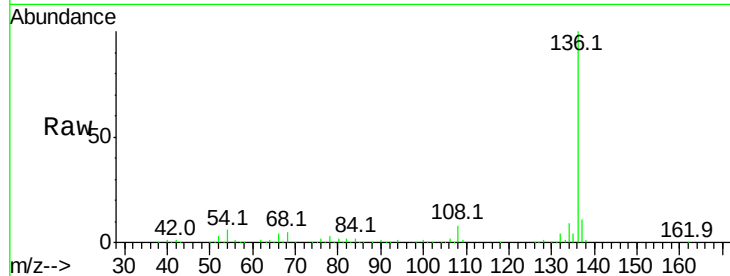
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.1	6.6	9.8	
68	5.3	5.0	7.4	

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM

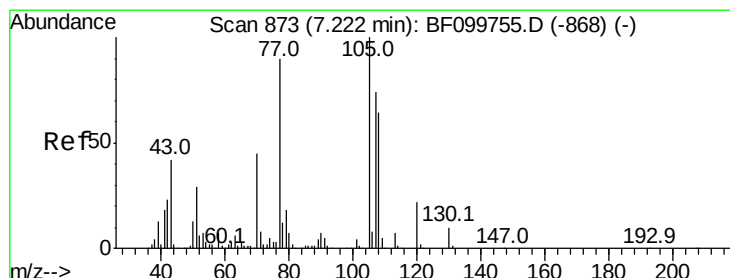
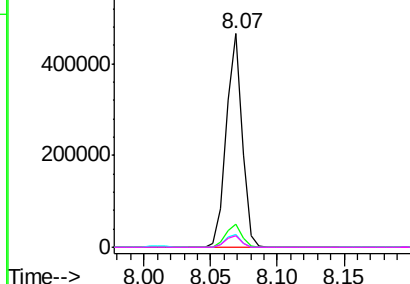
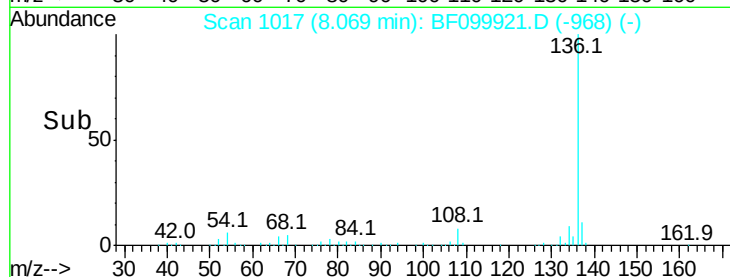


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.771 ng

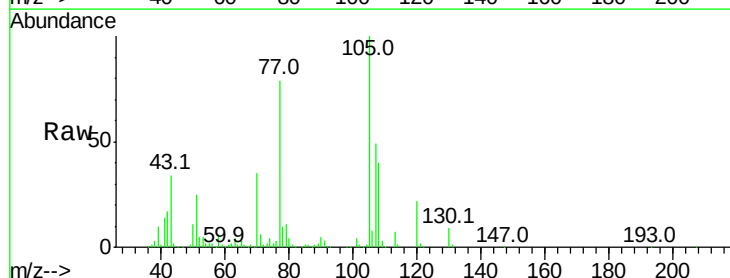
RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	4.4	6.6	
51	24.9	22.3	33.5	
120	21.7	16.9	25.3	

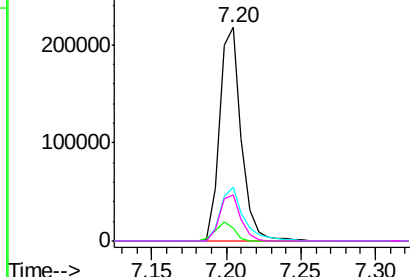
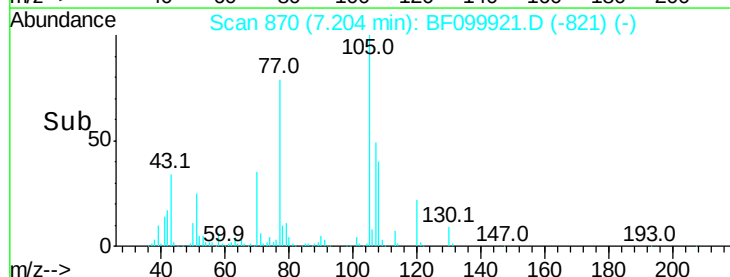


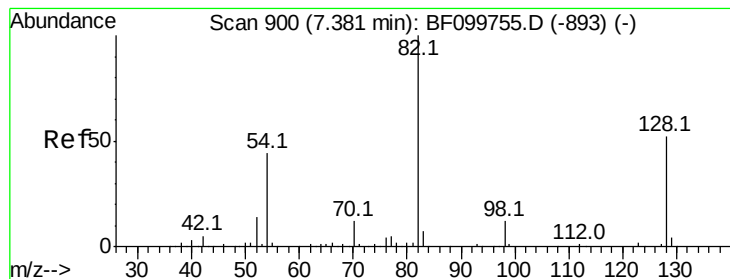
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 48.071 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

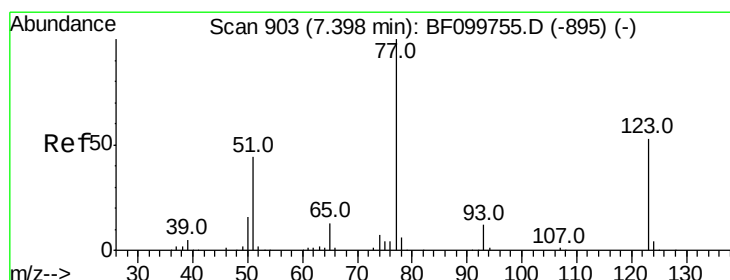
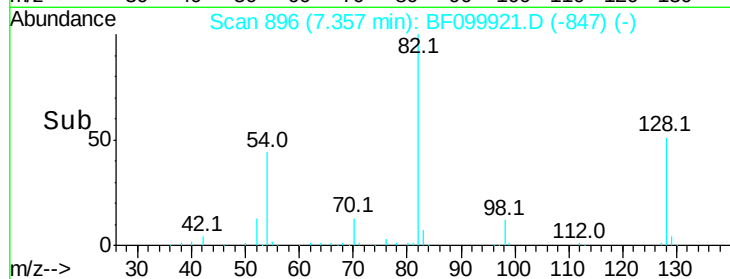
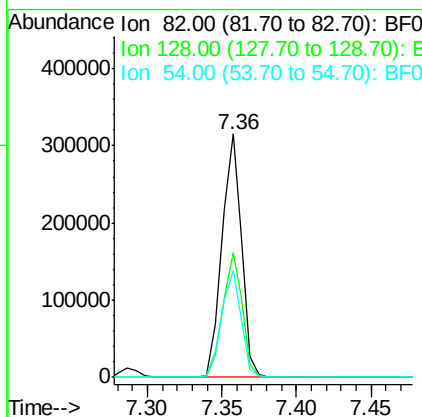
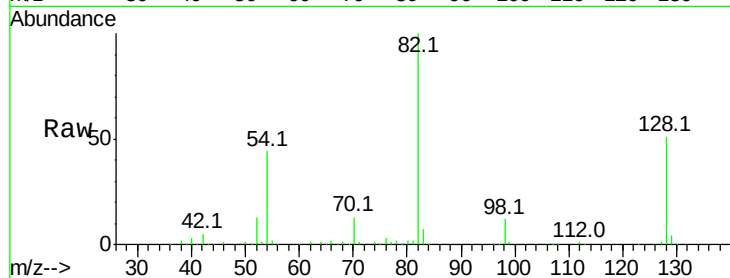
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	82	Resp:	293317
Ion Ratio	Lower	Upper	
82	100		
128	51.2	36.1	54.1
54	44.0	41.4	62.2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#24

Nitrobenzene

Concen: 24.547 ng

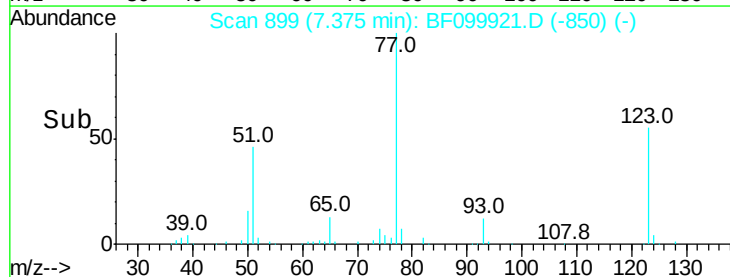
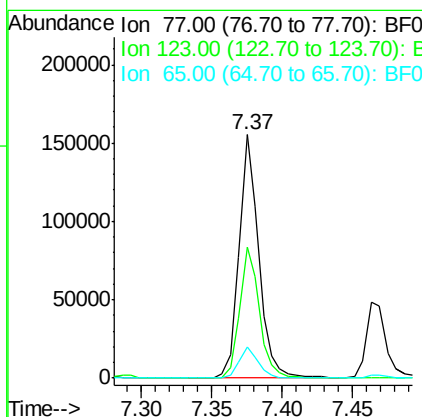
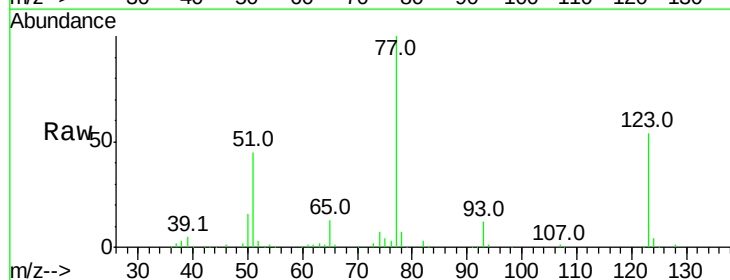
RT: 7.37 min Scan# 899

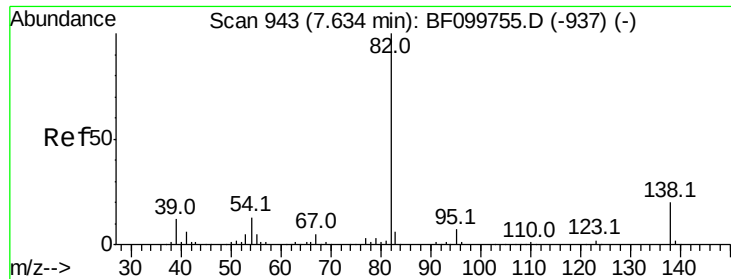
Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	77	Resp:	150913
Ion Ratio	Lower	Upper	
77	100		
123	54.0	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 26.355 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

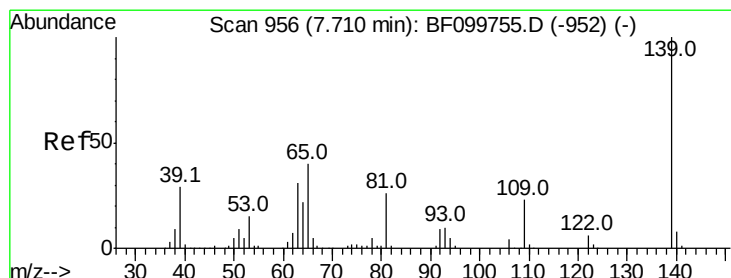
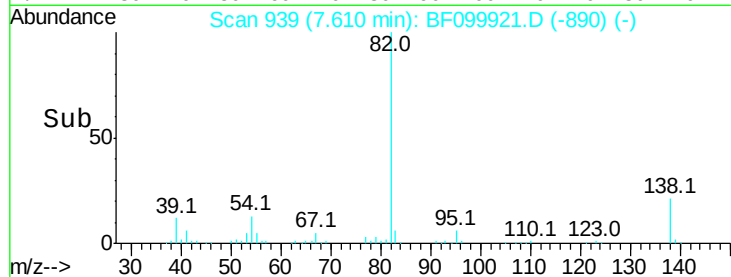
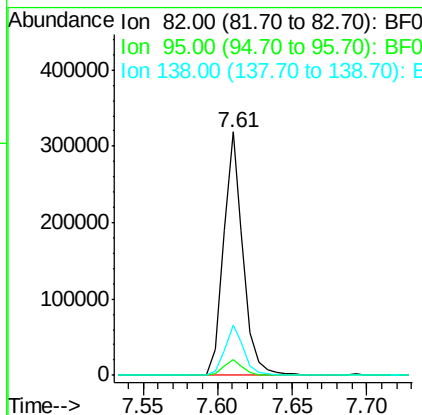
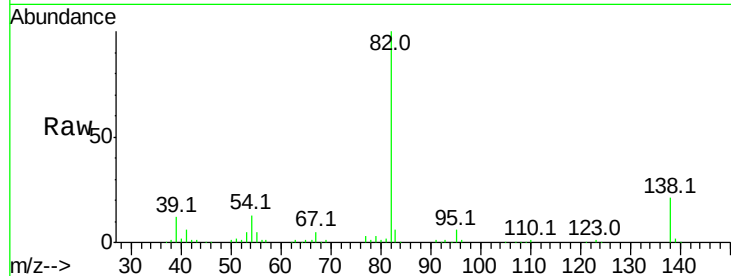
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	82	Resp:	291805
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	20.7	14.9	22.3

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#26

2-Nitrophenol

Concen: 24.853 ng

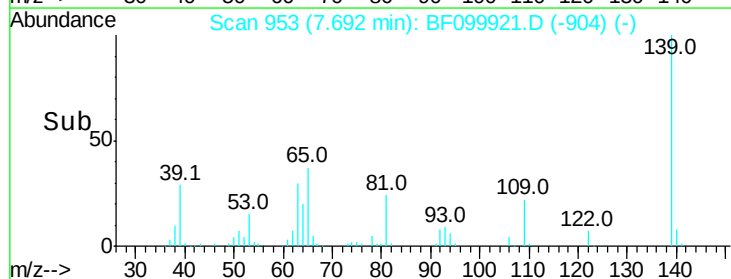
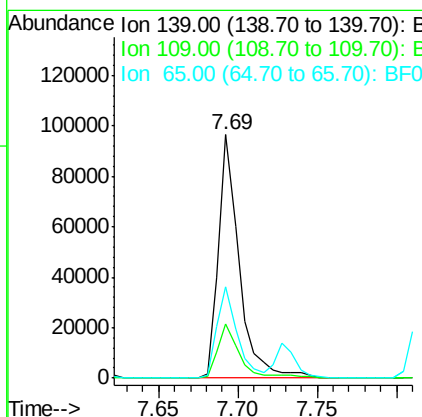
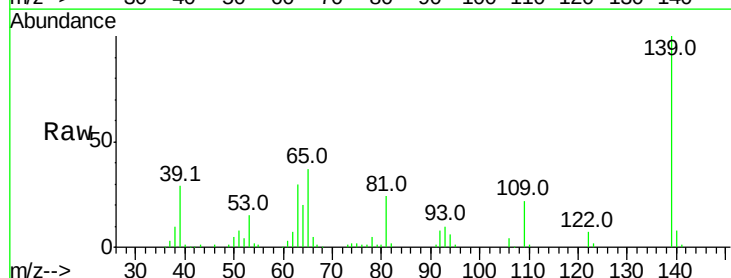
RT: 7.69 min Scan# 953

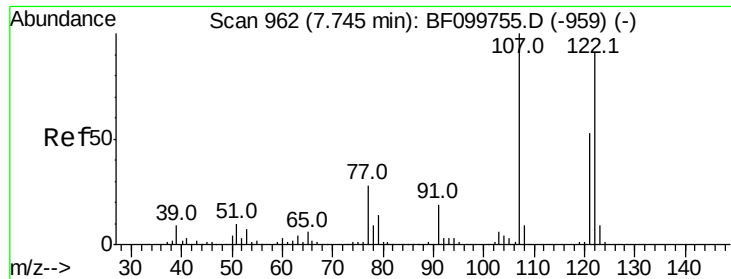
Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	139	Resp:	87515
Ion Ratio		Lower	Upper
139	100		
109	22.5	22.7	34.1#
65	37.4	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 26.837 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

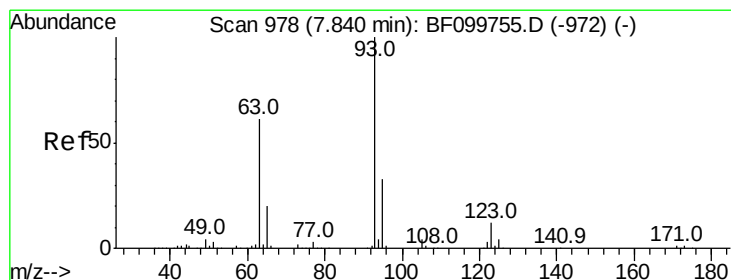
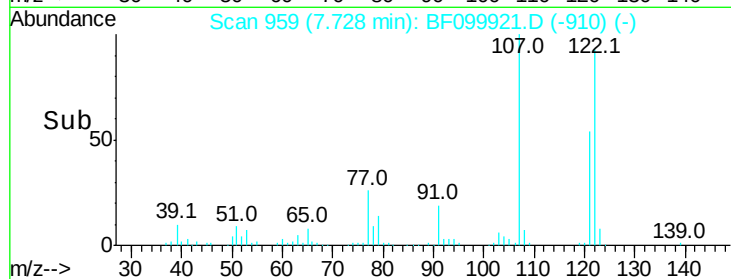
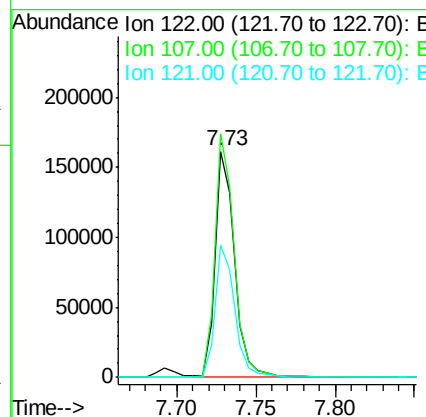
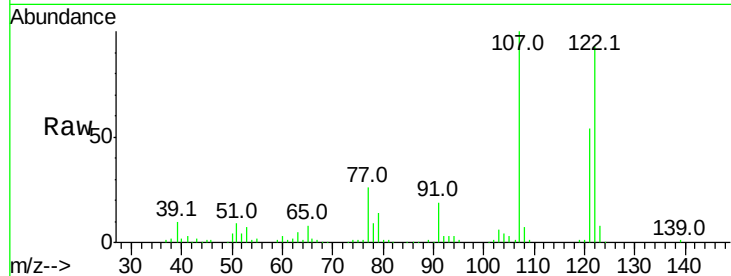
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	122	Resp:	139240
Ion Ratio	Lower	Upper	
122	100		
107	107.8	91.2	136.8
121	58.3	47.2	70.8

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#28

bis(2-Chloroethoxy)methane

Concen: 25.604 ng

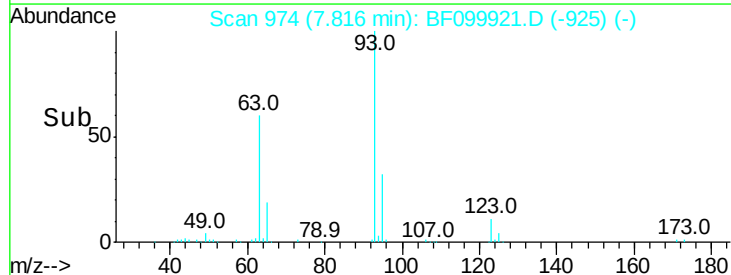
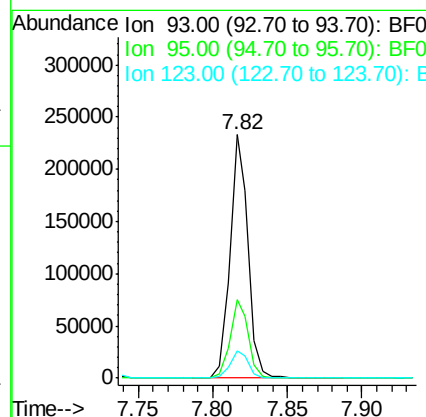
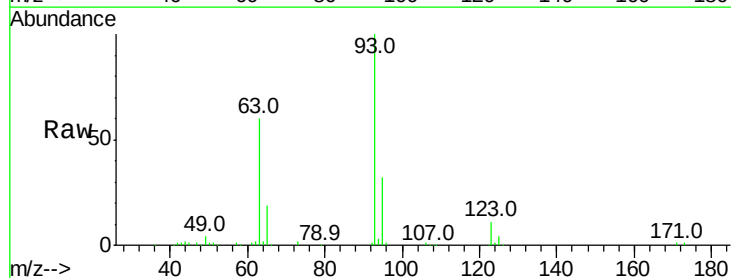
RT: 7.82 min Scan# 974

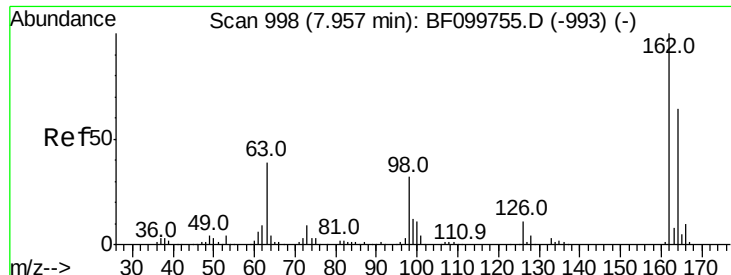
Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	93	Resp:	198538
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.3	39.5
123	11.1	9.8	14.6





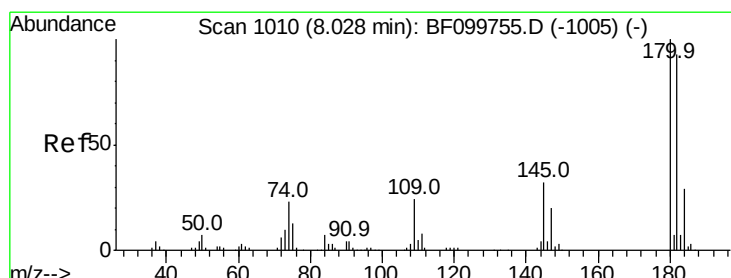
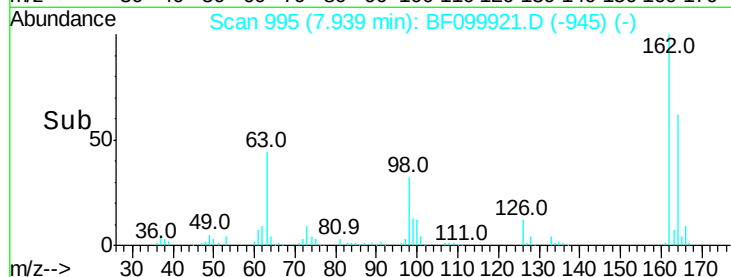
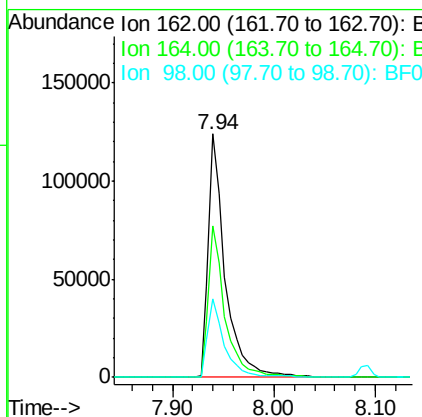
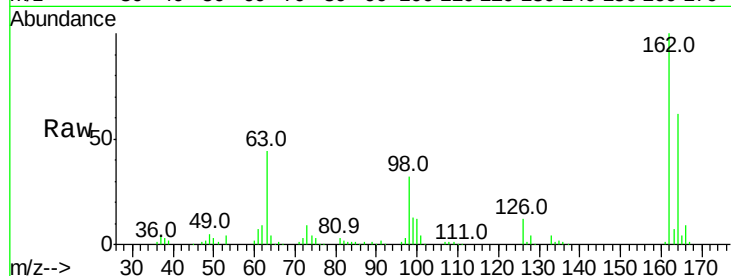
#29
 2,4-Dichlorophenol
 Concen: 26.563 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	143167		
164	62.2		42.7	82.7
98	32.5		18.1	58.1

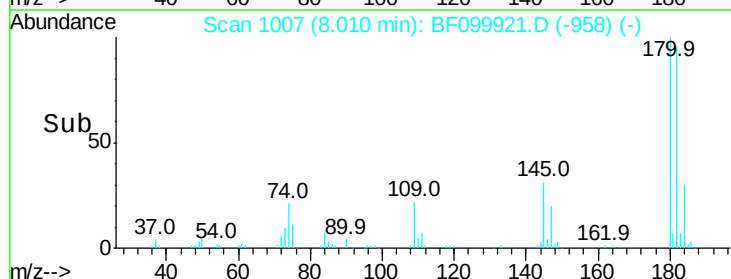
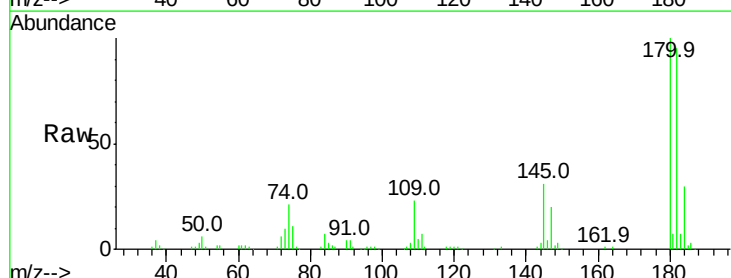
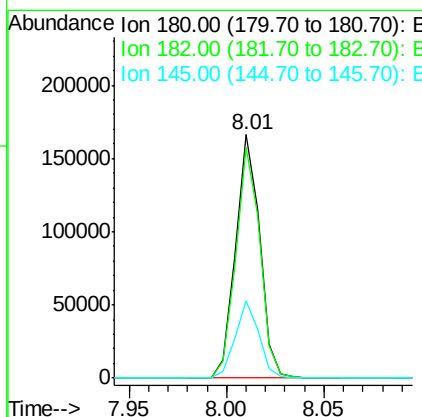
Manual Integrations
 APPROVED

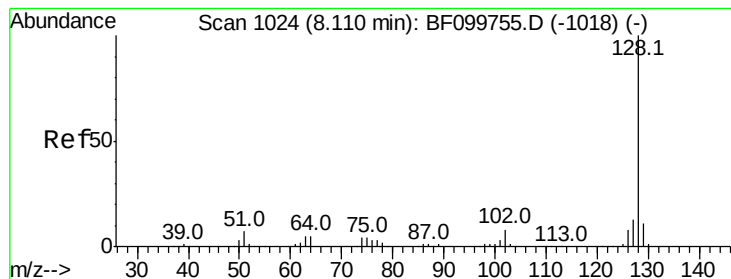
Sohil
 10/30/2017 6:20:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 24.802 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	142831		
182	95.0		76.8	115.2
145	31.5		26.5	39.7





#31

Naphthalene

Concen: 24.933 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

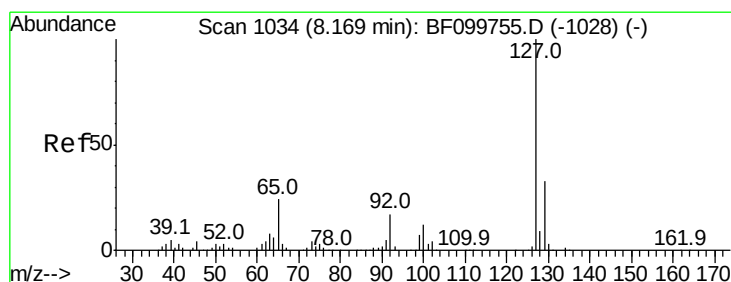
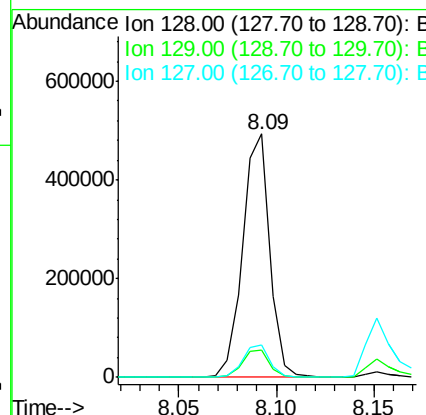
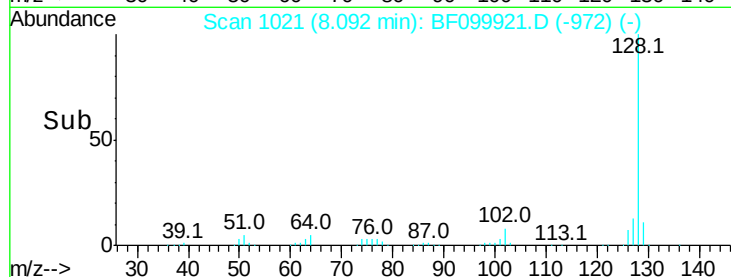
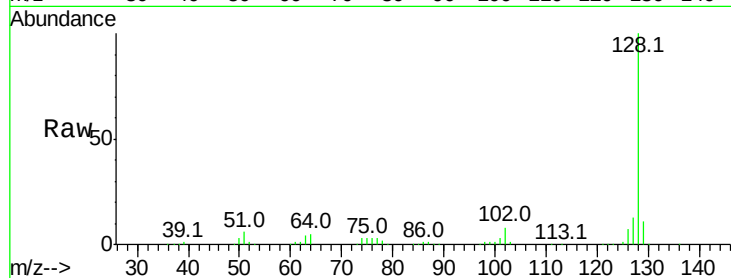
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion	128	Resp	472794
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#33

4-Chloroaniline

Concen: 15.745 ng

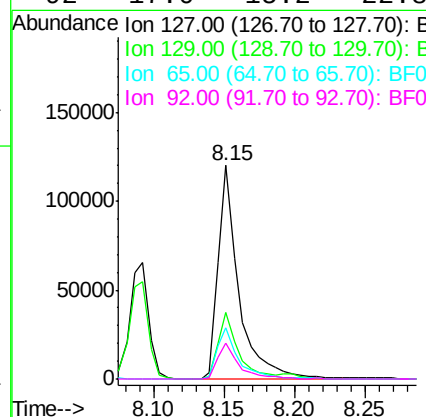
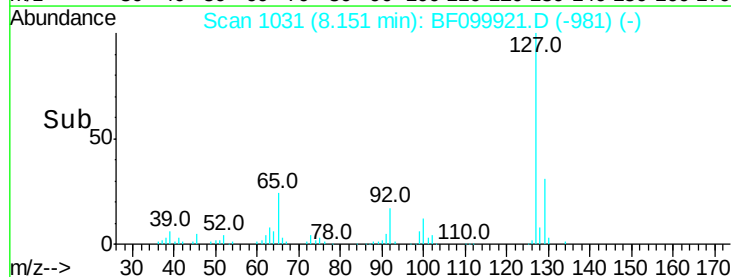
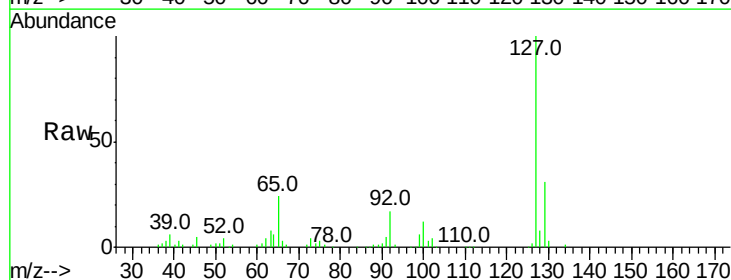
RT: 8.15 min Scan# 1031

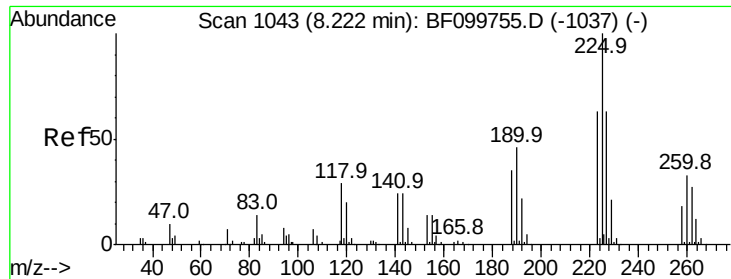
Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion	127	Resp	123289
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.9	38.9
65	24.1	25.0	37.4#
92	17.0	15.2	22.8





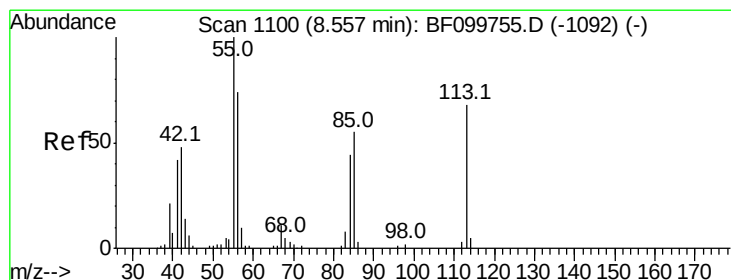
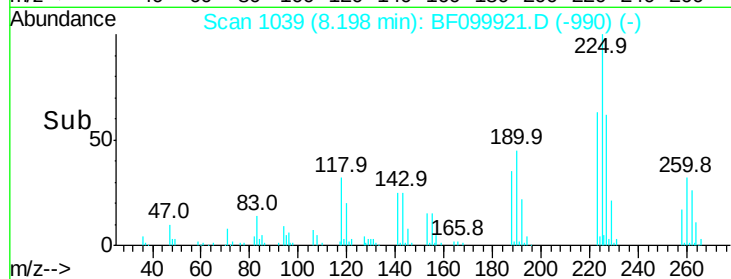
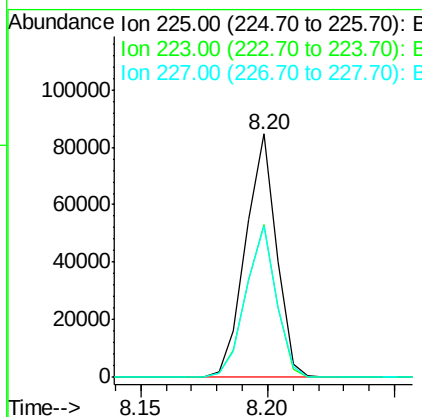
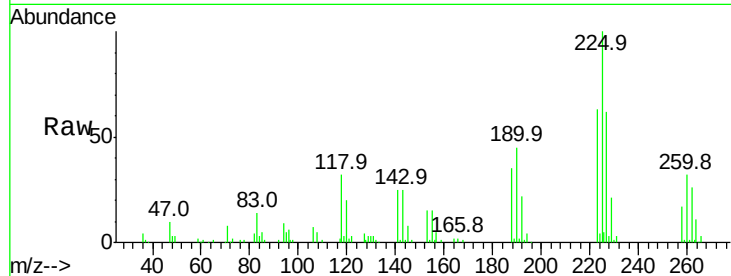
#34
 Hexachlorobutadiene
 Concen: 24.150 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Tot Ion:	225	Resp:	71534
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.6	76.0
227	62.2	51.9	77.9

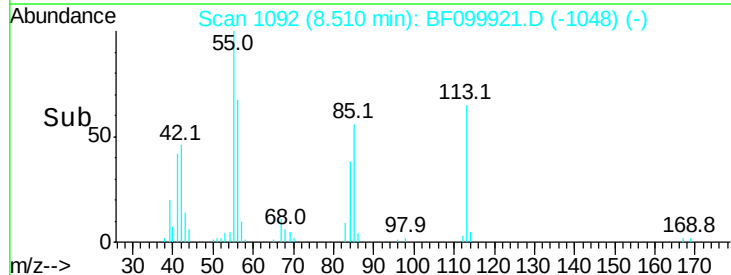
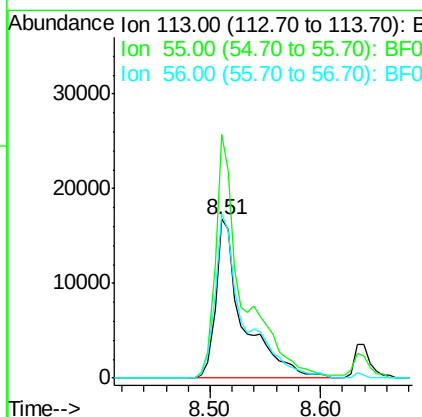
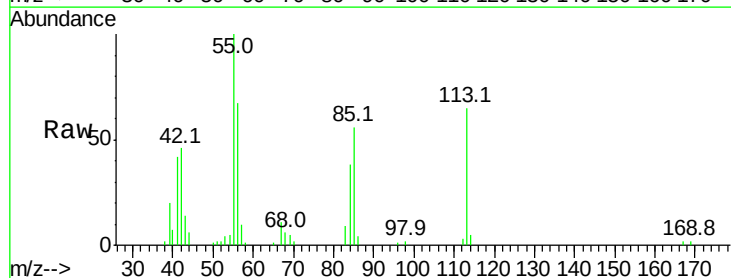
Manual Integrations
 APPROVED

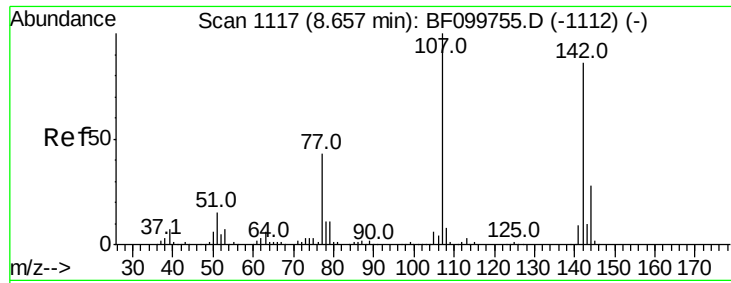
Sohil
 10/30/2017 6:20:25 PM



#35
 Caprolactam
 Concen: 17.137 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion:	113	Resp:	29047
Ion Ratio	Lower	Upper	
113	100		
55	153.4	163.3	203.3#
56	103.3	115.7	155.7#





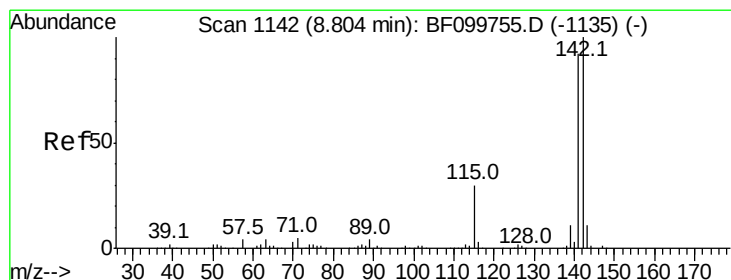
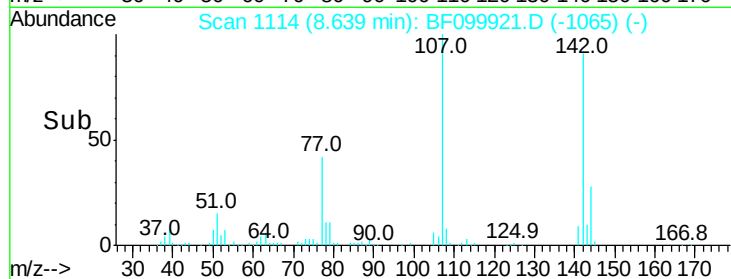
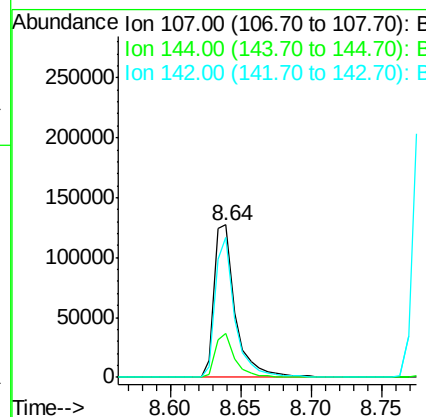
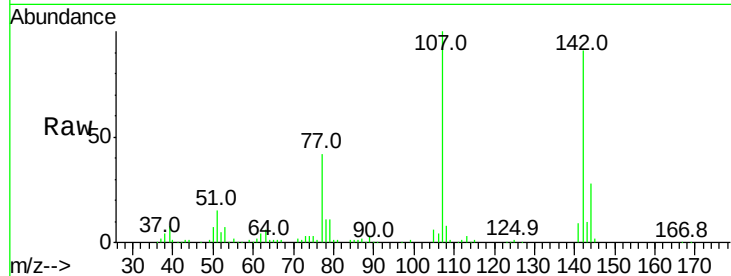
#36
 4-Chloro-3-methylphenol
 Concen: 24.324 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.4	20.5	30.7	
142	91.3	62.0	93.0	

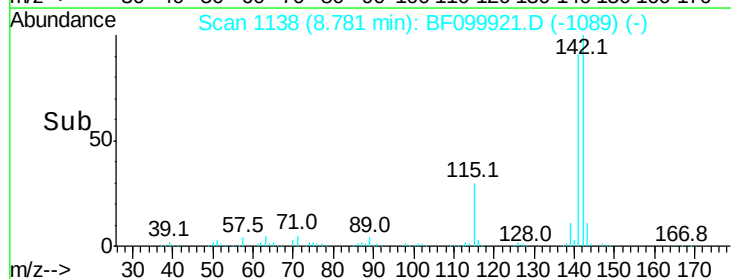
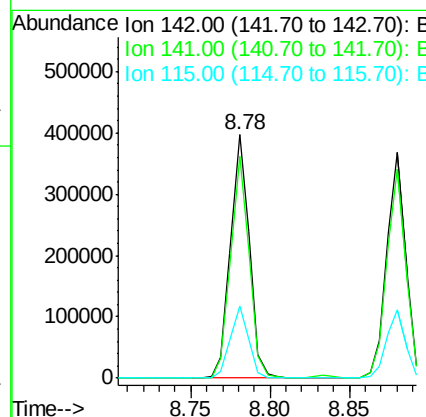
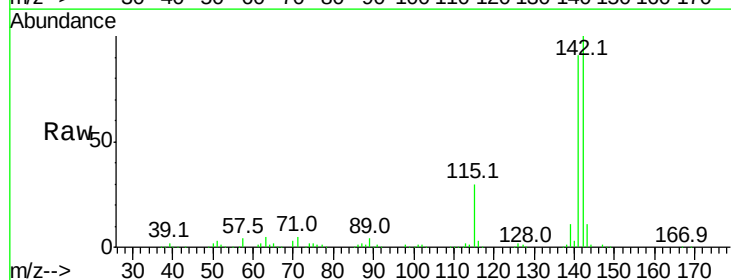
Manual Integrations
 APPROVED

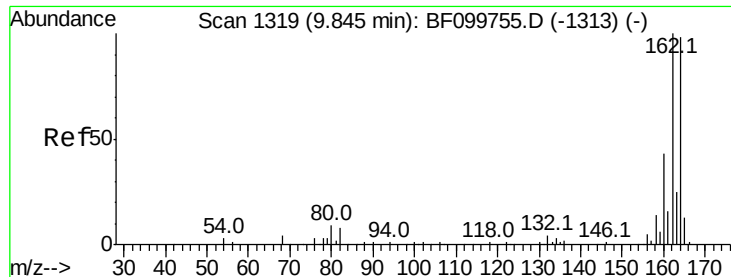
Sohil
 10/30/2017 6:20:25 PM



#37
 2-Methylnaphthalene
 Concen: 25.699 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.9	70.8	106.2	
115	29.6	26.1	39.1	





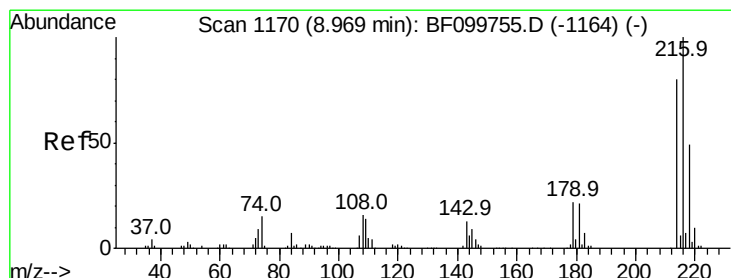
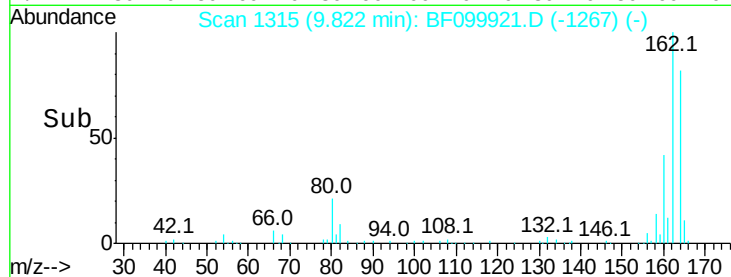
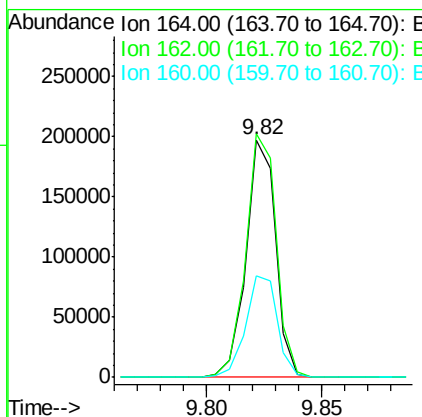
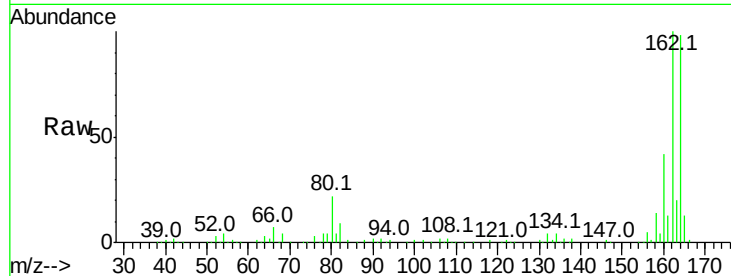
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	42.6	38.3	57.5

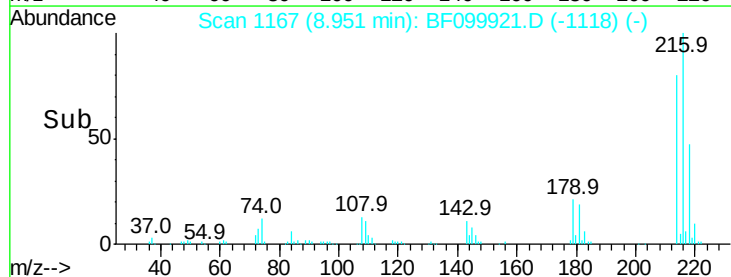
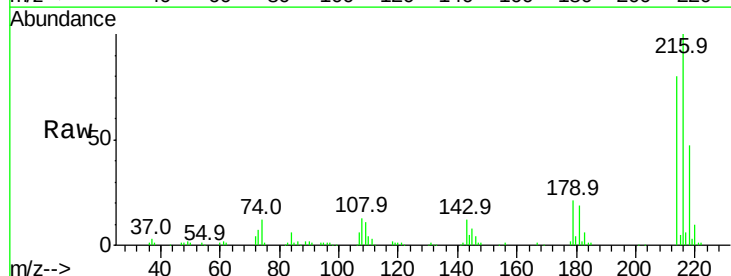
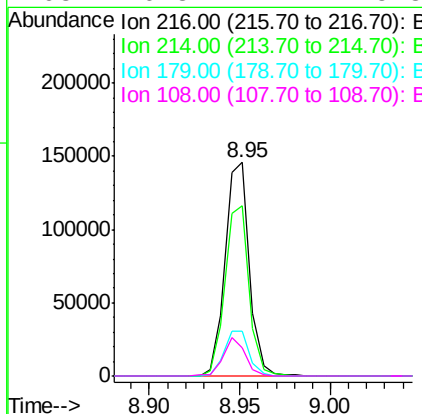
Manual Integrations
 APPROVED

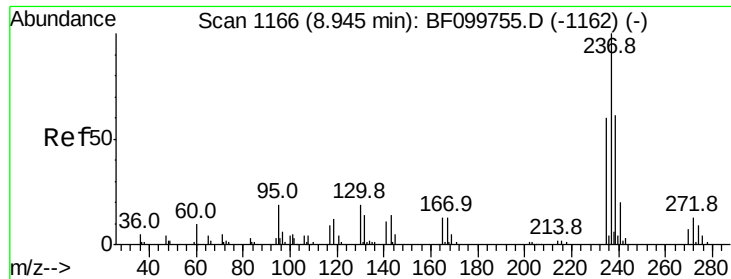
Sohil
 10/30/2017 6:20:25 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.682 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	21.6	18.1	27.1
108	16.3	17.2	25.8#





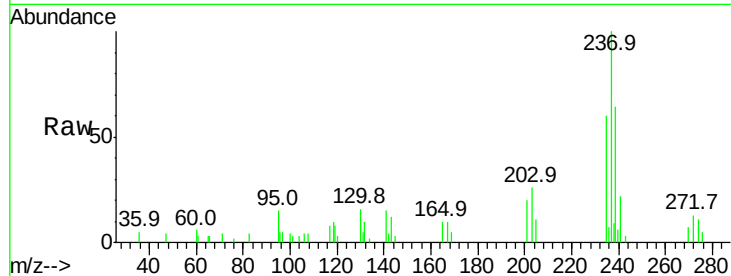
#40
Hexachlorocyclopentadiene
Concen: 19.817 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

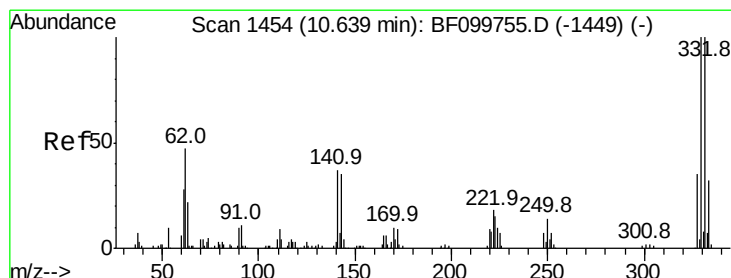
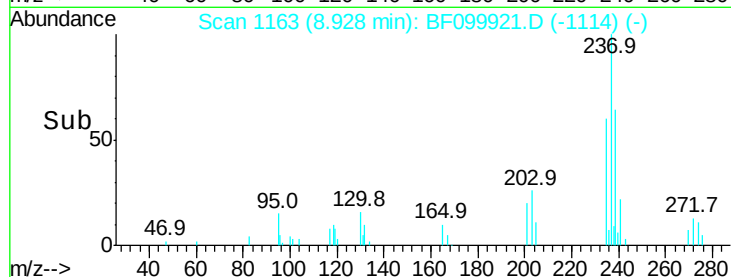
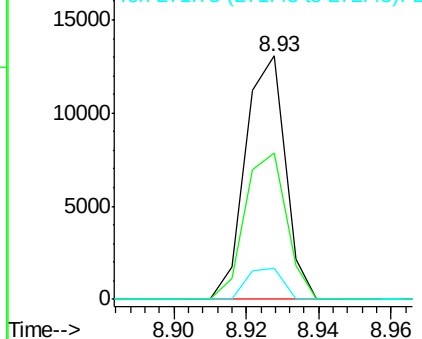
Tot Ion	Ratio	Resp	Lower	Upper
237	100	9938		
235	60.3	44.8	84.8	
272	12.5	0.0	33.3	

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM

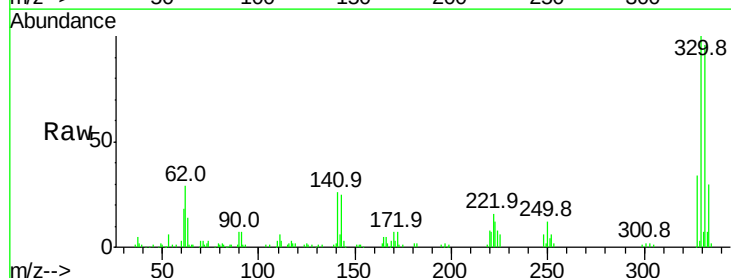


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

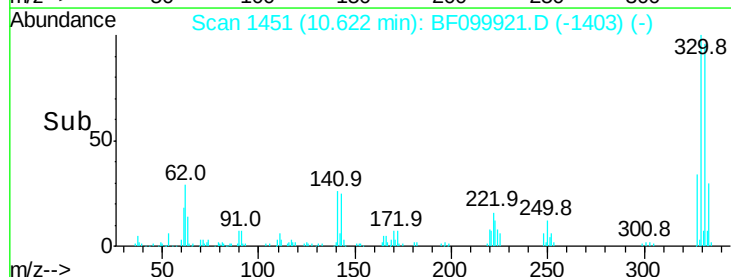
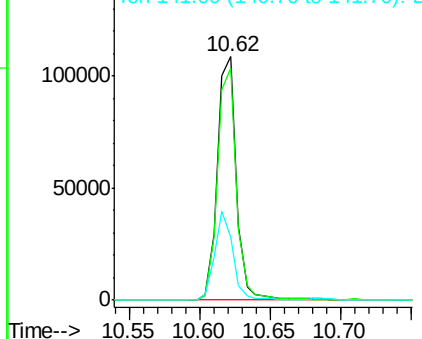


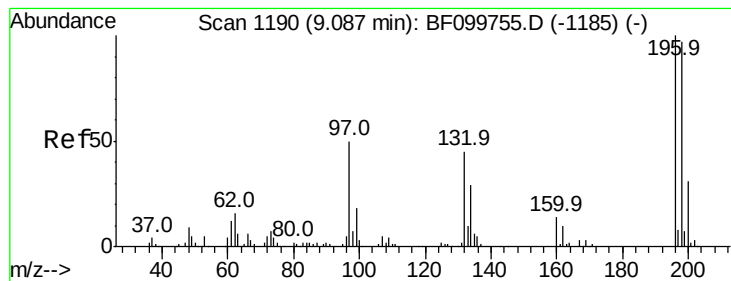
#41
2,4,6-Tribromophenol
Concen: 63.343 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	102560		
332	94.9	77.0	115.6	
141	34.4	29.9	44.9	



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: 24.446 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

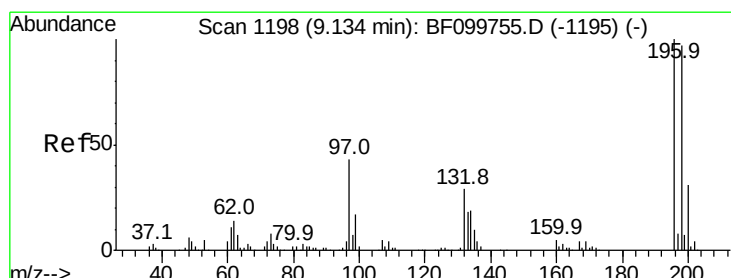
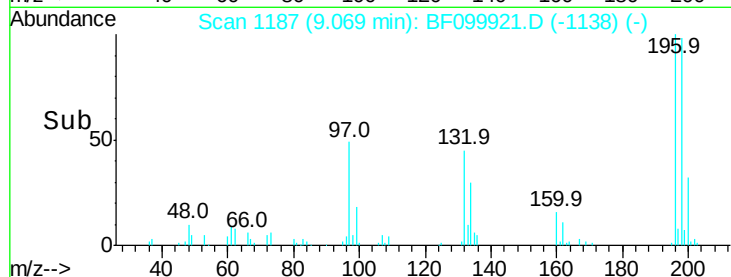
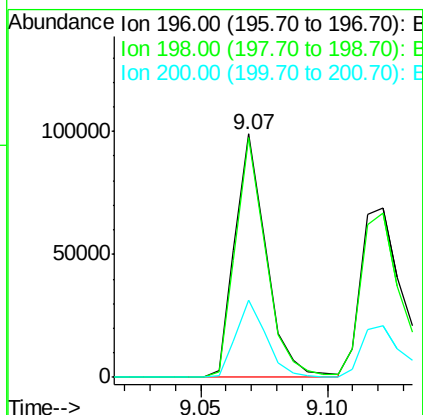
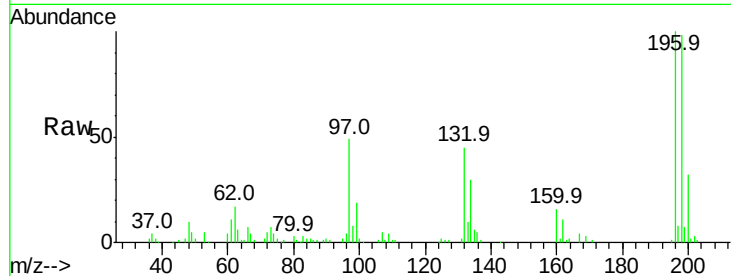
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	196	Resp:	84852
Ion Ratio	Lower	Upper	
196	100		
198	98.3	75.7	113.5
200	31.7	24.5	36.7

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#43

2,4,5-Trichlorophenol

Concen: 23.887 ng

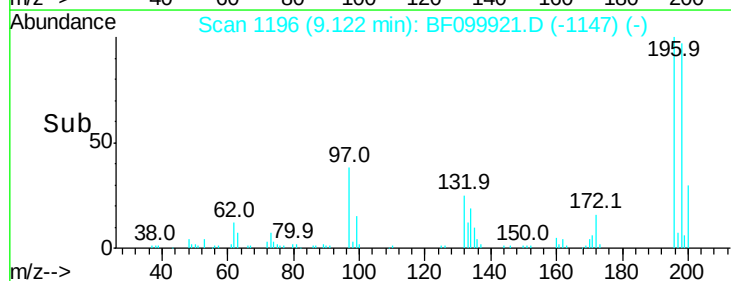
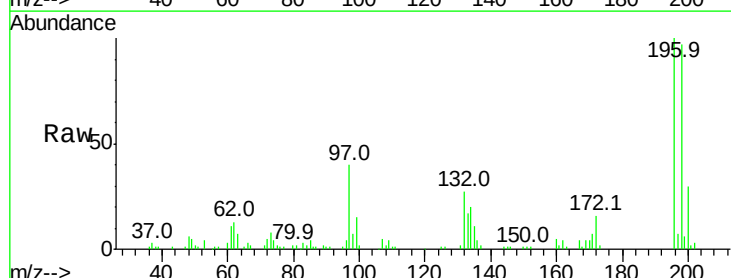
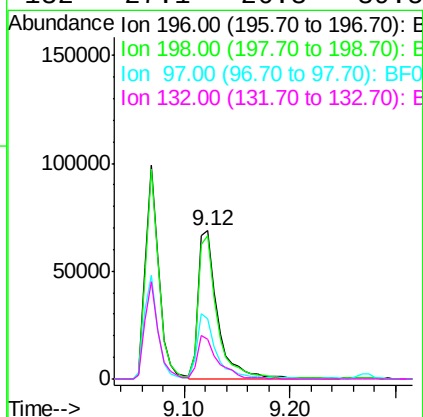
RT: 9.12 min Scan# 1196

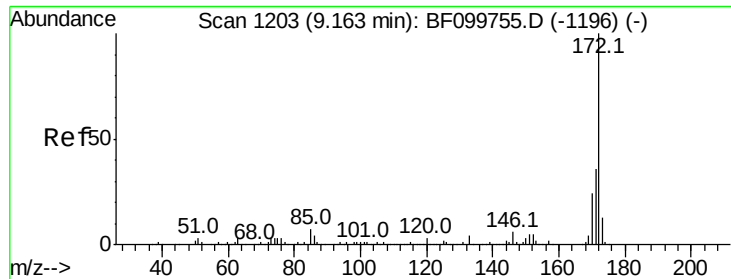
Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	196	Resp:	87983
Ion Ratio	Lower	Upper	
196	100		
198	97.1	74.6	112.0
97	40.4	42.9	64.3#
132	27.1	26.3	39.5





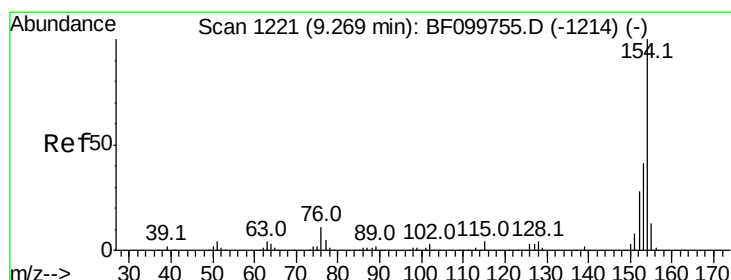
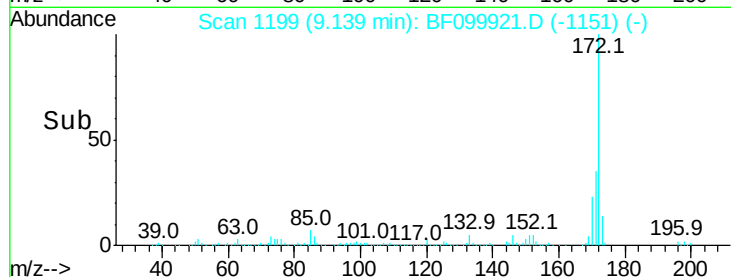
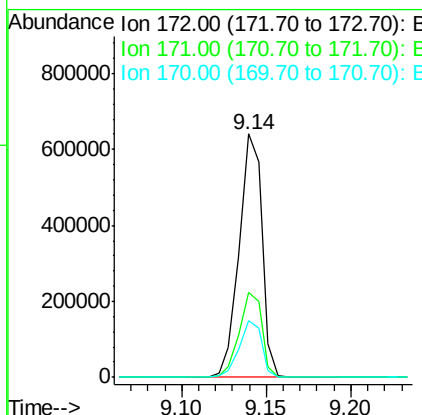
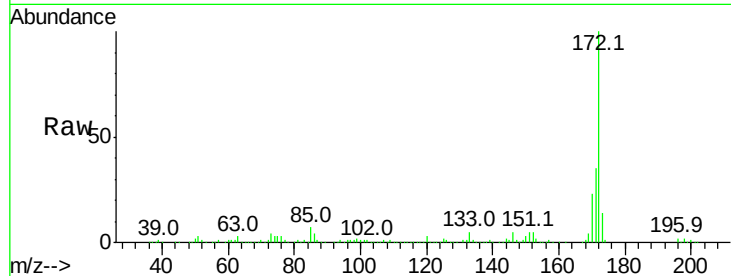
#44
2-Fluorobiphenyl
Concen: 52.281 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.7	44.5	
170	23.4	19.6	29.4	

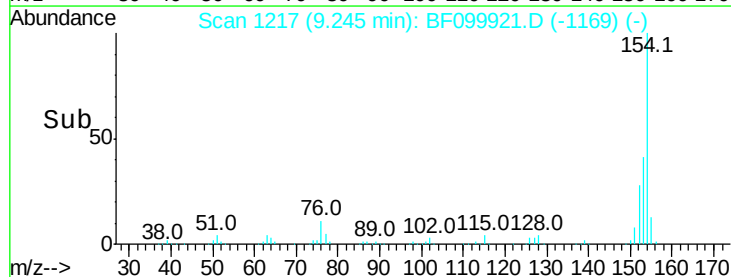
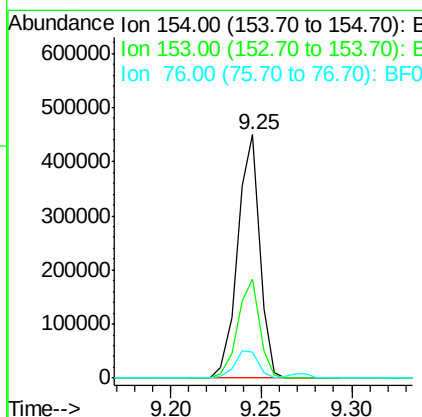
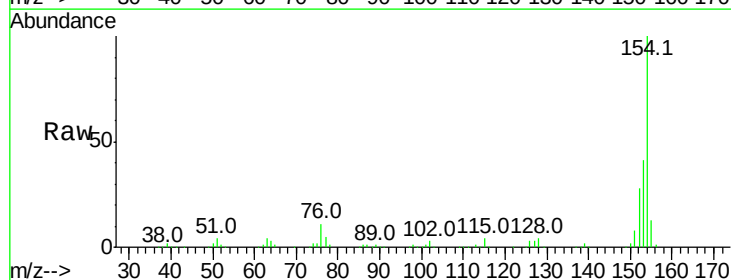
Manual Integrations
APPROVED

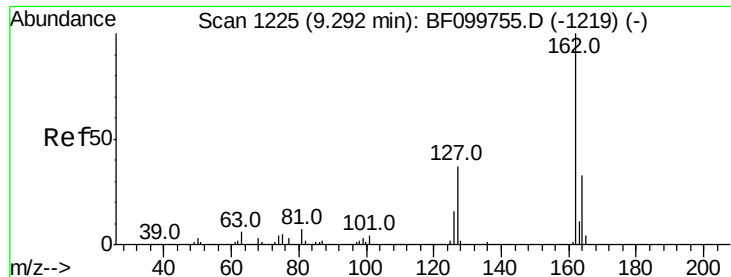
Sohil
10/30/2017 6:20:25 PM



#45
1,1'-Biphenyl
Concen: 23.741 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.3	61.3	
76	10.9	0.0	34.0	





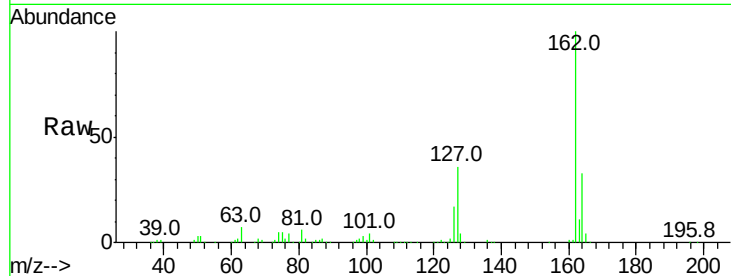
#46
 2-Chloronaphthalene
 Concen: 25.349 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

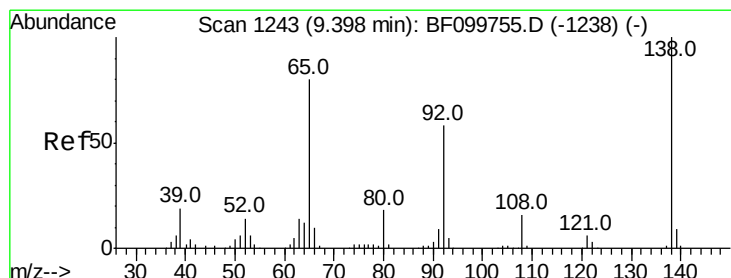
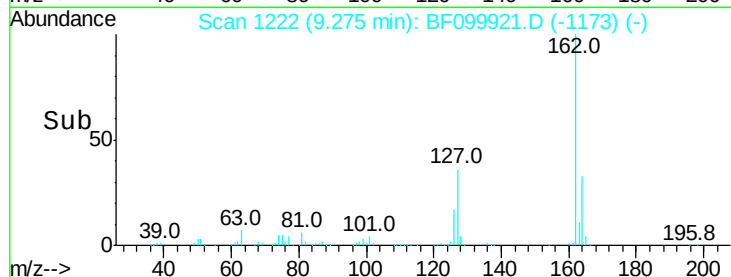
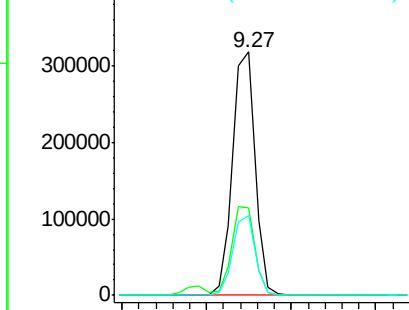
Tot Ion	Ratio	Resp	Lower	Upper
162	100	295890		
127	35.7		33.9	50.9
164	32.8		26.5	39.7

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:20:25 PM

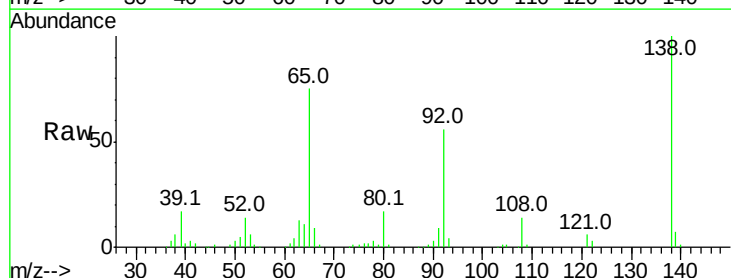


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

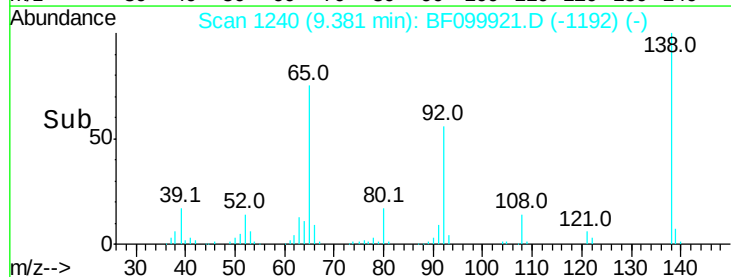
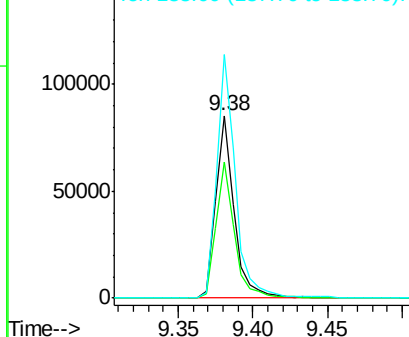


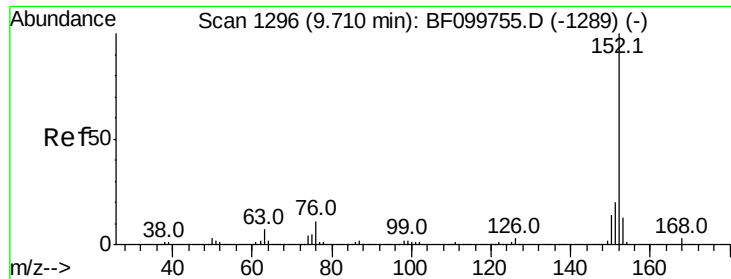
#47
 2-Nitroaniline
 Concen: 24.021 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	73590		
92	74.1		55.8	83.6
138	133.2		91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 24.078 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

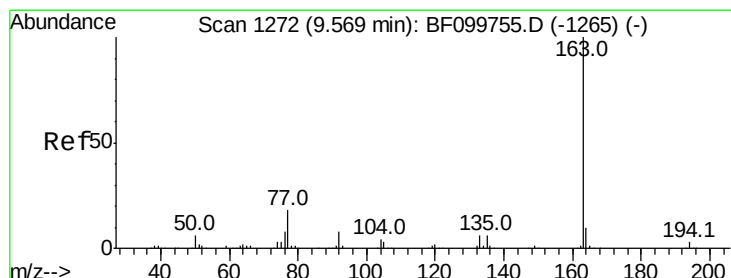
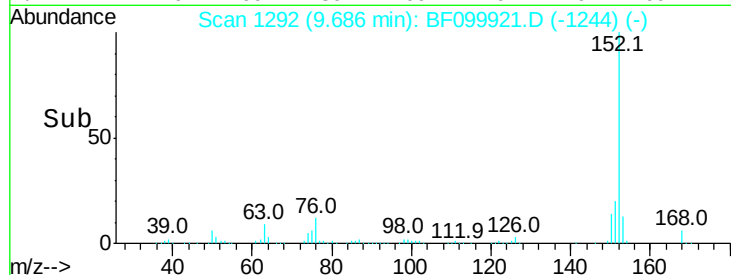
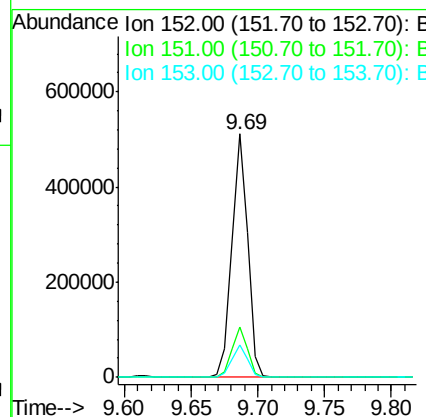
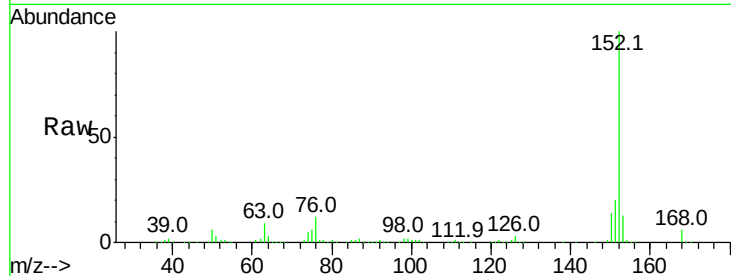
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	152	Resp:	432876
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#49

Dimethylphthalate

Concen: 31.875 ng

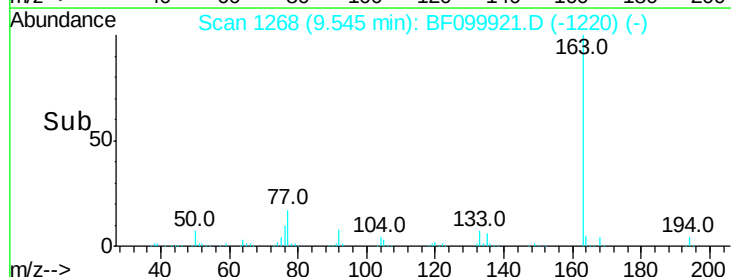
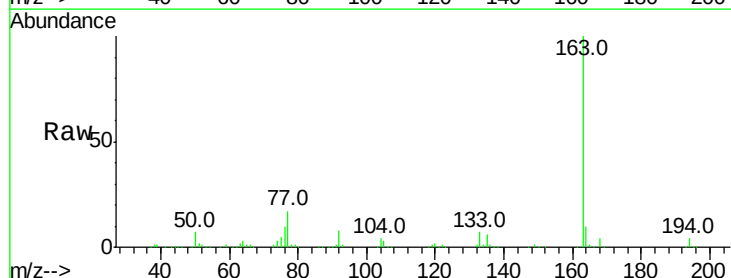
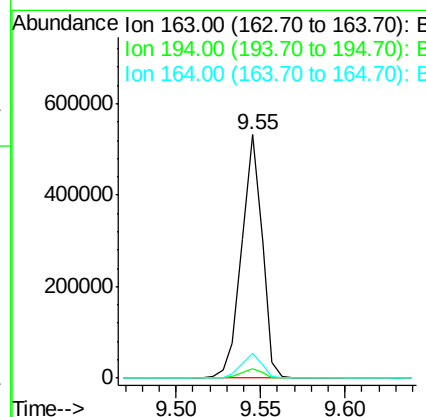
RT: 9.55 min Scan# 1268

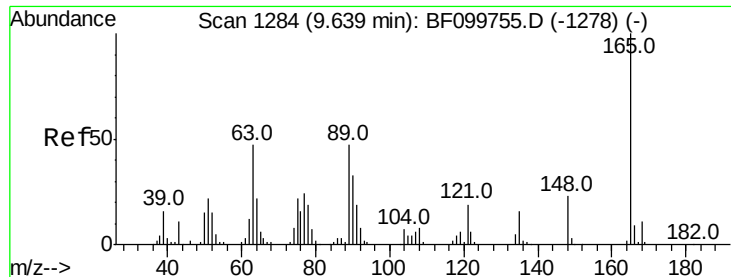
Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	163	Resp:	448476
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2





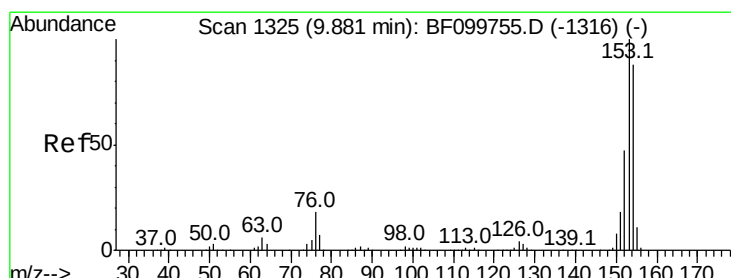
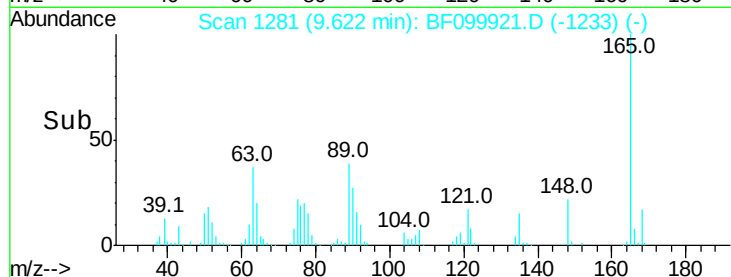
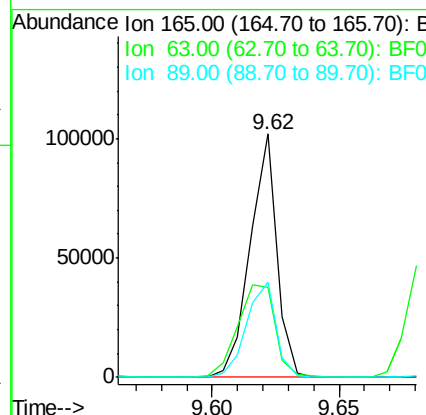
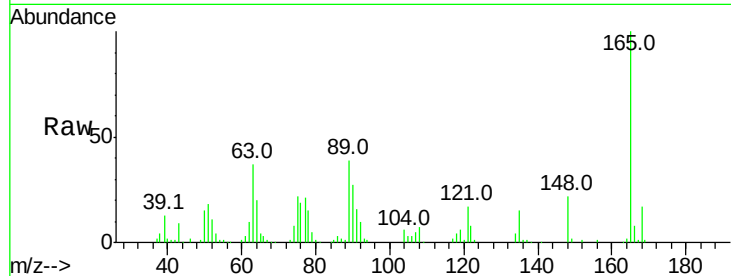
#50
2,6-Dinitrotoluene
Concen: 25.422 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	44.7	67.1#
89	39.0	44.0	66.0#

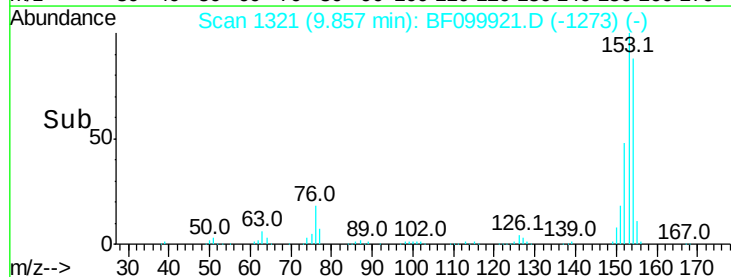
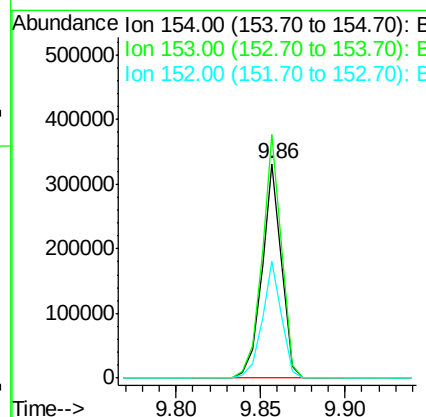
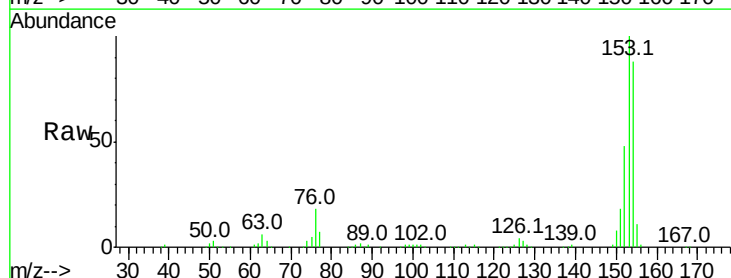
Manual Integrations
APPROVED

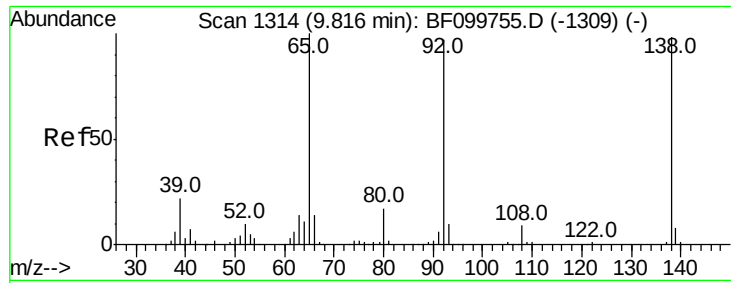
Sohil
10/30/2017 6:20:25 PM



#51
Acenaphthene
Concen: 24.171 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	54.3	43.8	65.8





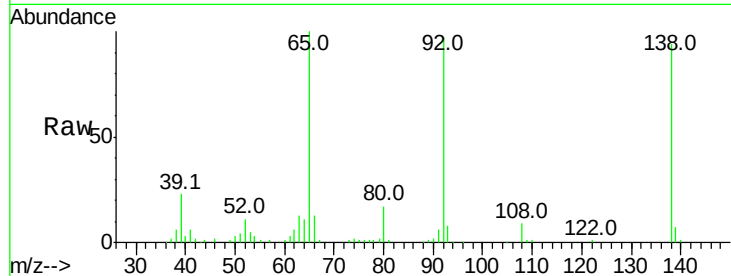
#52
3-Nitroaniline
Concen: 20.122 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

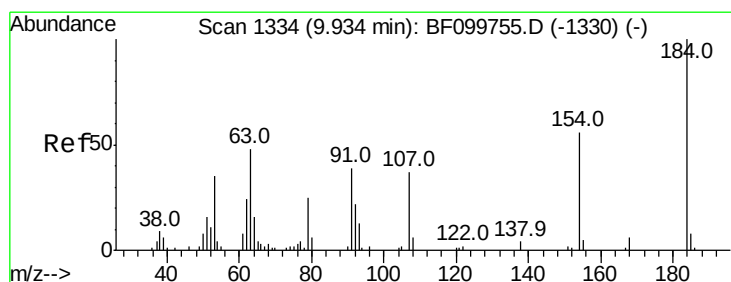
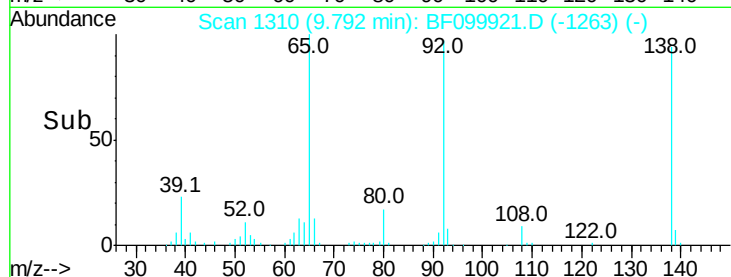
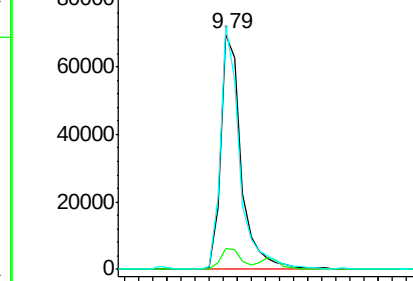
Tot Ion:138 Resp: 70127
Ion Ratio Lower Upper
138 100
108 9.1 9.4 14.0#
92 103.5 89.4 134.2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM

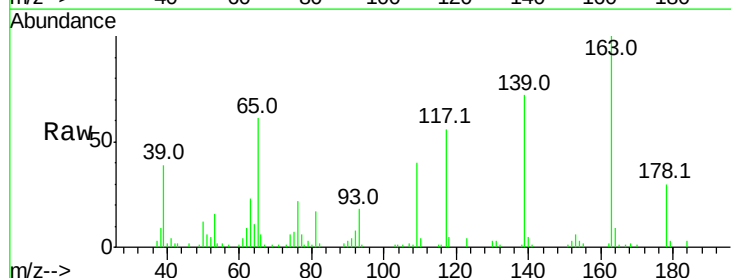


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

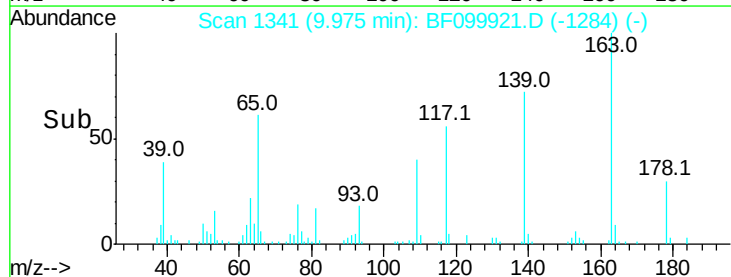
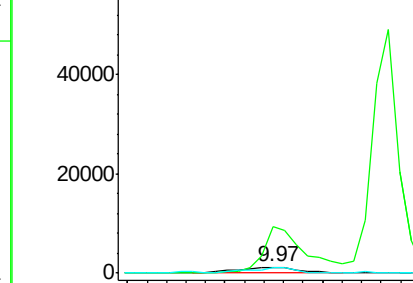


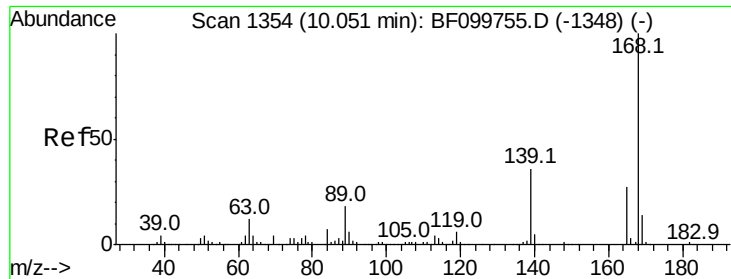
#53
2,4-Dinitrophenol
Concen: 7.780 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion:184 Resp: 2541
Ion Ratio Lower Upper
184 100
63 757.2 54.2 81.2#
154 97.7 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





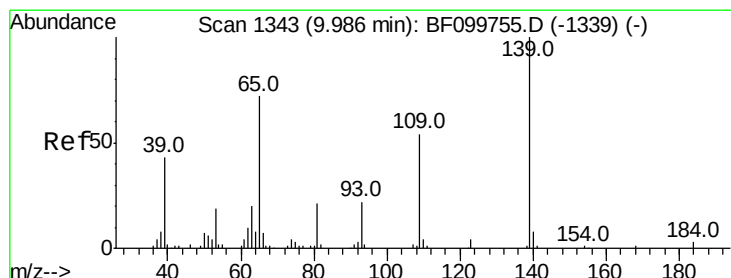
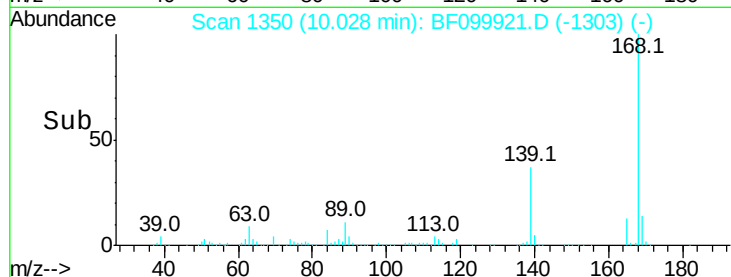
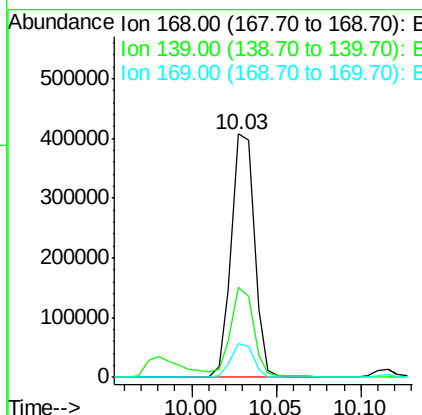
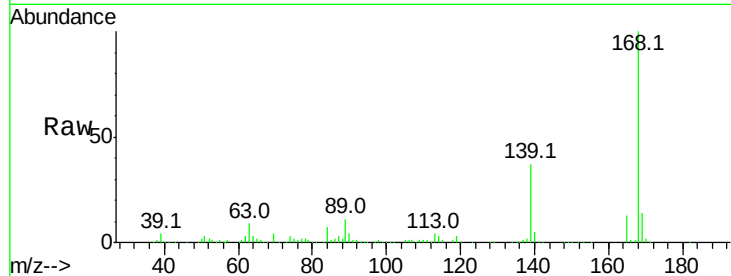
#54
Dibenzofuran
Concen: 25.049 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	388418		
139	37.0		30.1	45.1
169	13.6		10.9	16.3

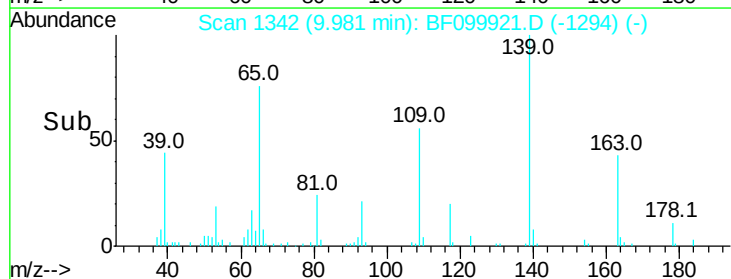
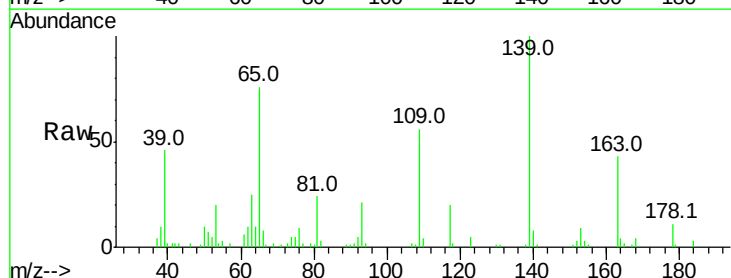
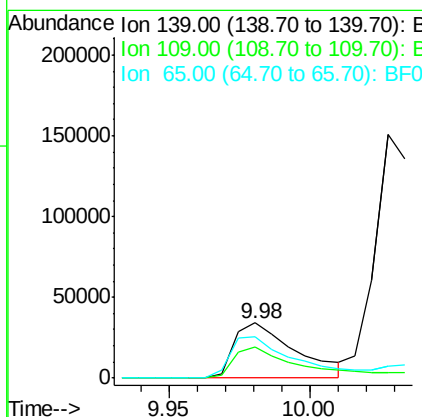
Manual Integrations
APPROVED

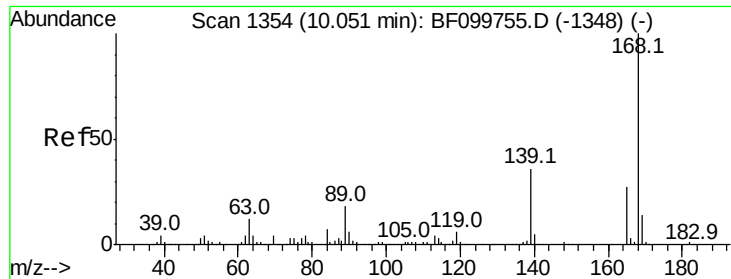
Sohil
10/30/2017 6:20:25 PM



#55
4-Nitrophenol
Concen: 28.417 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	51747		
109	56.5		48.4	88.4
65	75.8		72.6	112.6





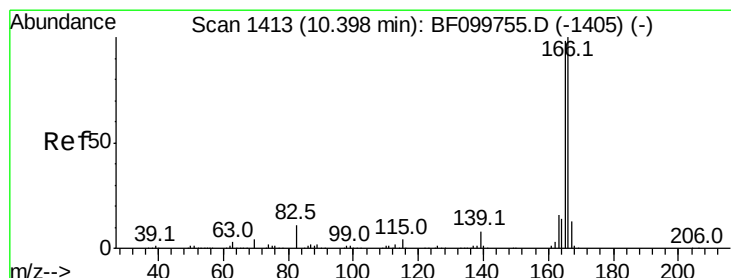
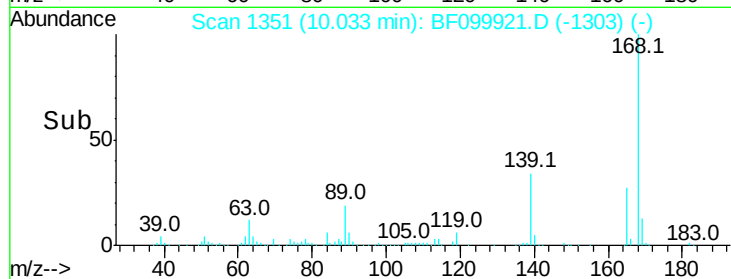
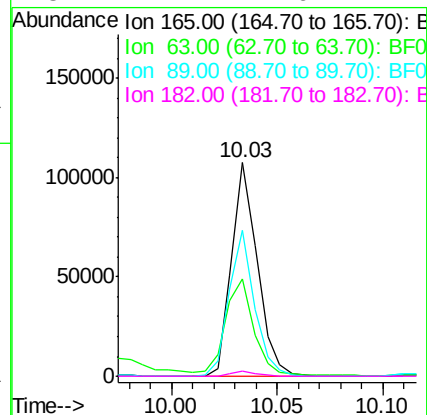
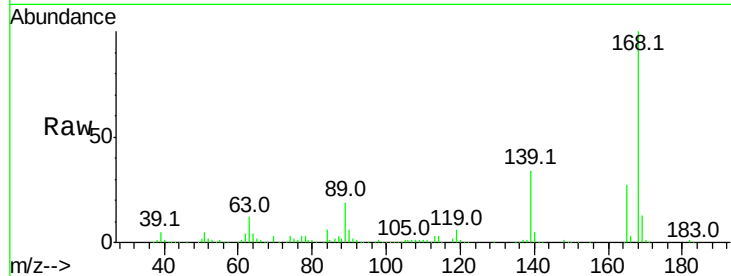
#56
2,4-Dinitrotoluene
Concen: 25.416 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.6	36.4	54.6
89	68.4	57.8	86.6
182	2.4	1.6	2.4#

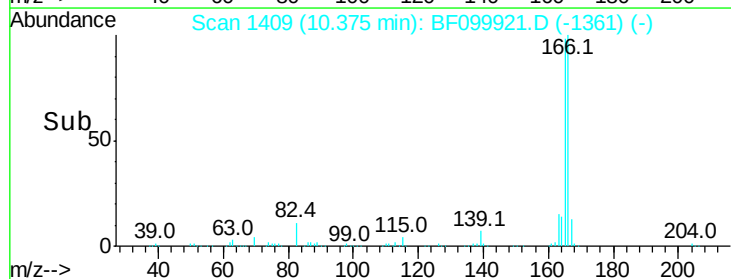
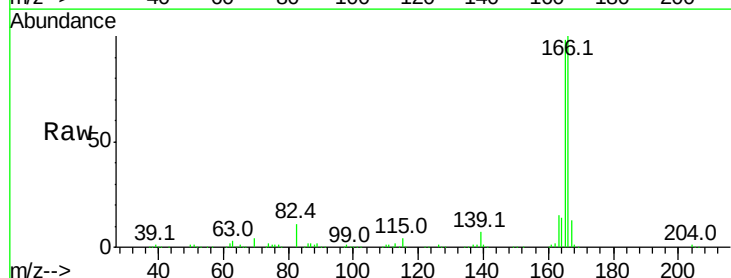
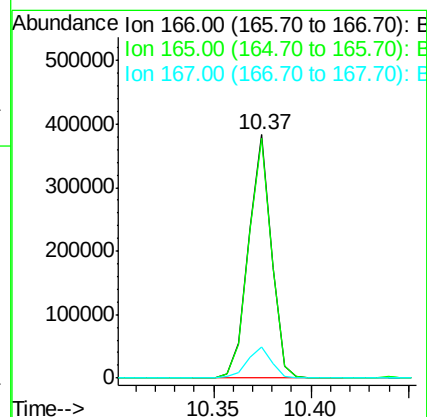
Manual Integrations
APPROVED

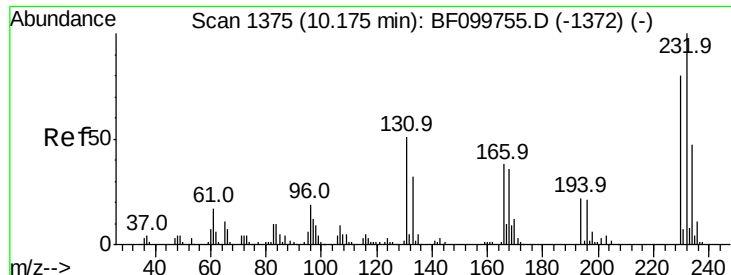
Sohil
10/30/2017 6:20:25 PM



#57
Fluorene
Concen: 24.184 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.5	79.8	119.8
167	12.7	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 21.432 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

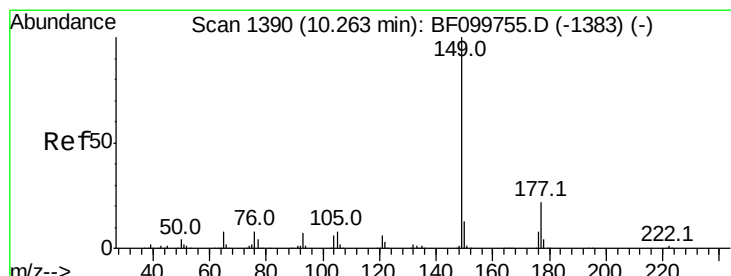
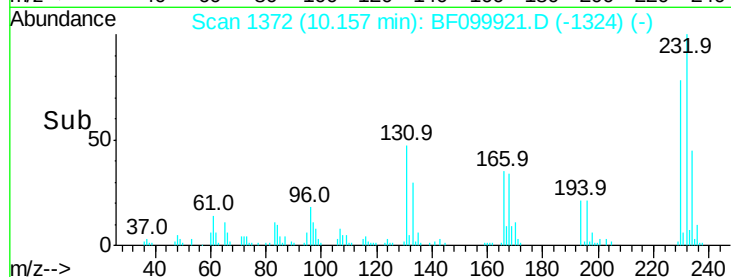
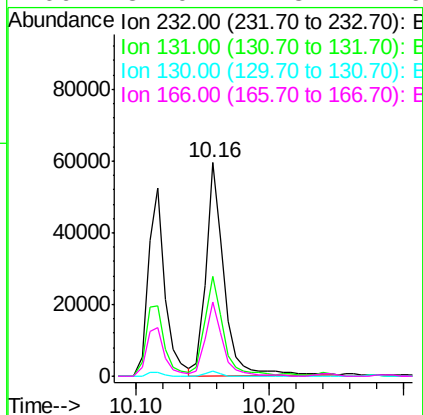
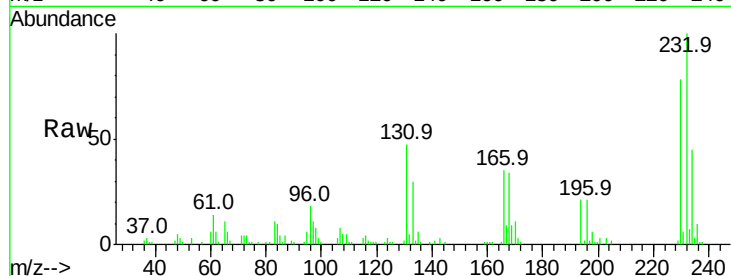
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	232	Resp:	55348
Ion Ratio	Lower	Upper	
232	100		
131	48.4	43.8	65.8
130	1.7	2.1	3.1#
166	34.0	27.8	41.6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#59

Diethylphthalate

Concen: 24.271 ng

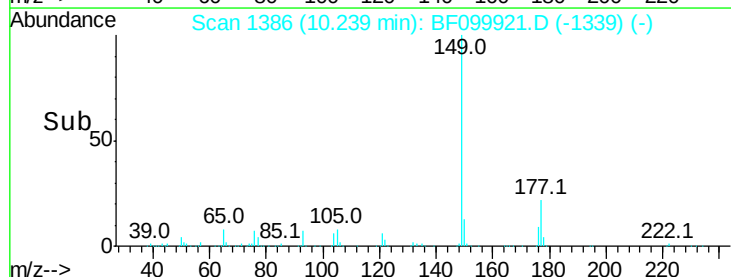
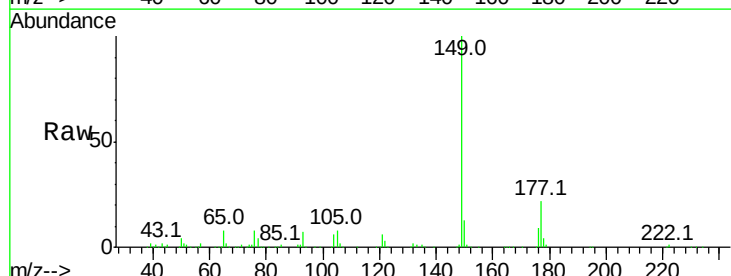
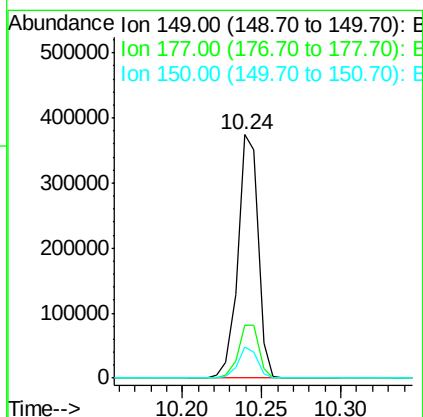
RT: 10.24 min Scan# 1386

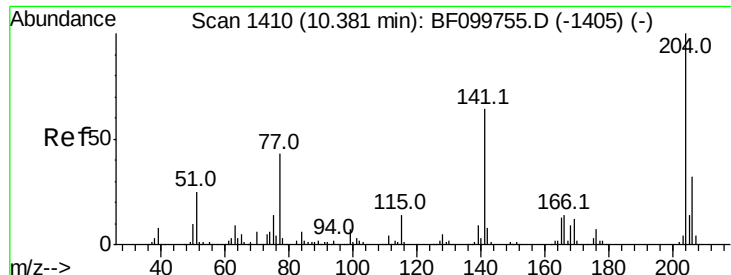
Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	149	Resp:	333485
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.1	24.1
150	12.7	10.1	15.1





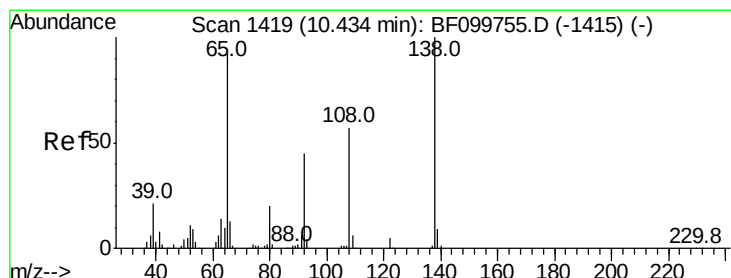
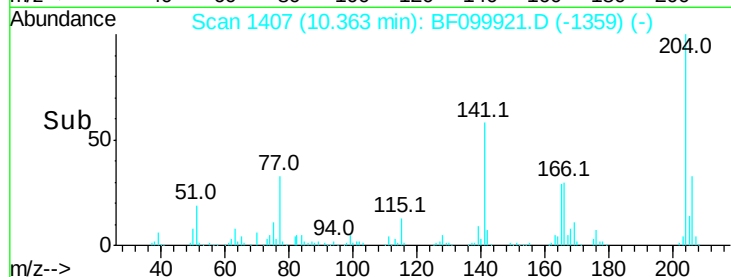
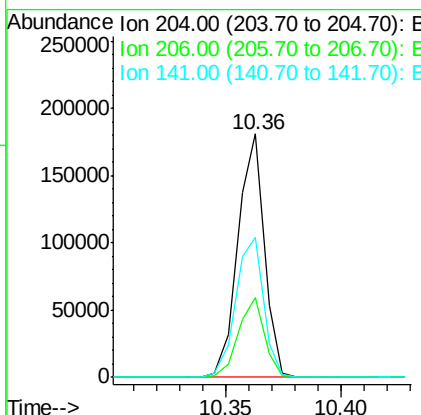
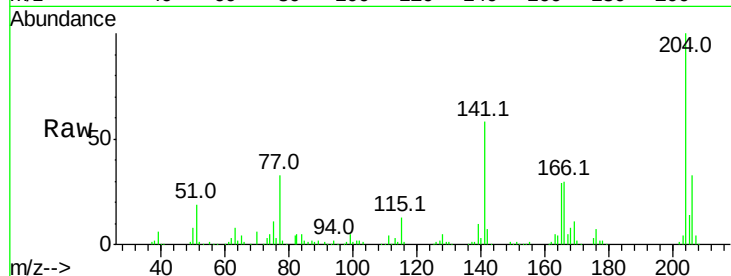
#60
 4-Chlorophenyl-phenylether
 Concen: 24.060 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Tot Ion:	204	Resp:	145375
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	57.7	54.6	81.8

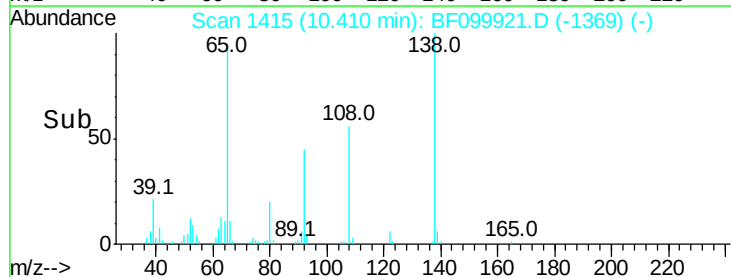
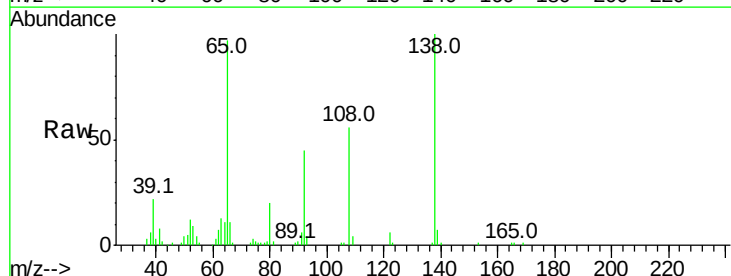
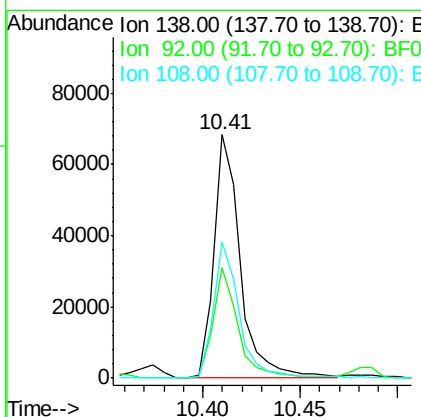
Manual Integrations
 APPROVED

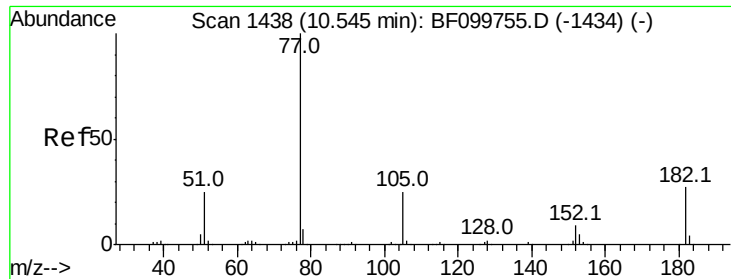
Sohil
 10/30/2017 6:20:25 PM



#61
 4-Nitroaniline
 Concen: 19.282 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.03 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion:	138	Resp:	64113
Ion Ratio	Lower	Upper	
138	100		
92	45.2	30.2	70.2
108	55.8	52.5	92.5





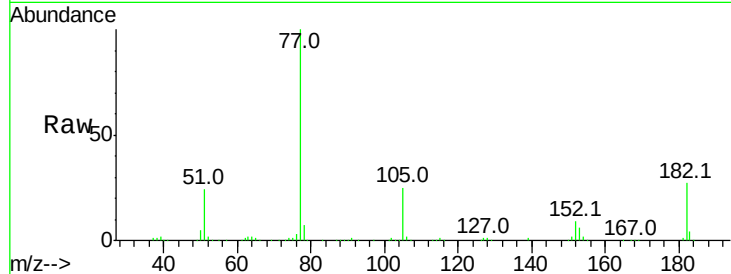
#62
Azobenzene
Concen: 24.234 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	279128		
182	27.1	1.7	41.7	
105	25.4	3.0	43.0	
51	23.7	9.9	49.9	

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



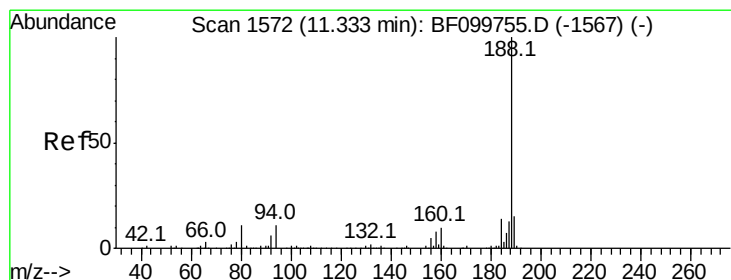
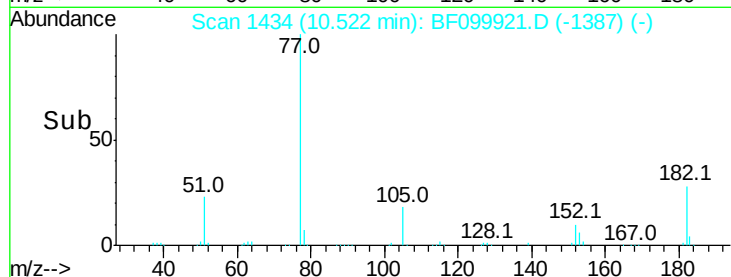
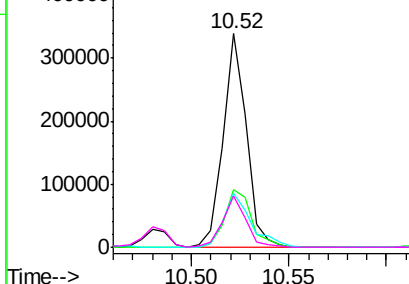
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

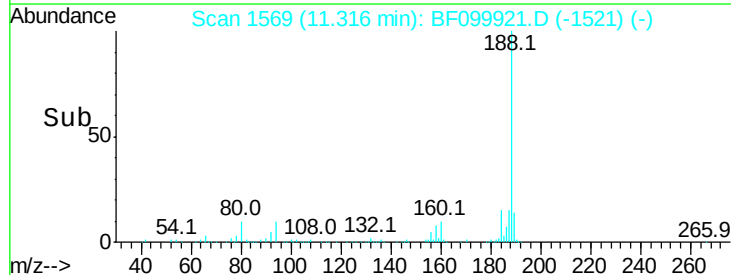
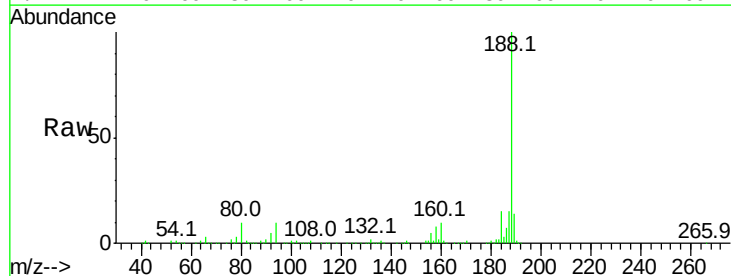
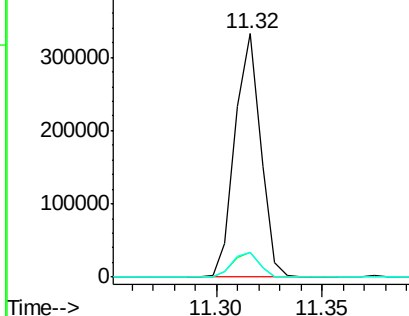
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	278113		
94	10.0	8.5	12.7	
80	10.0	9.2	13.8	

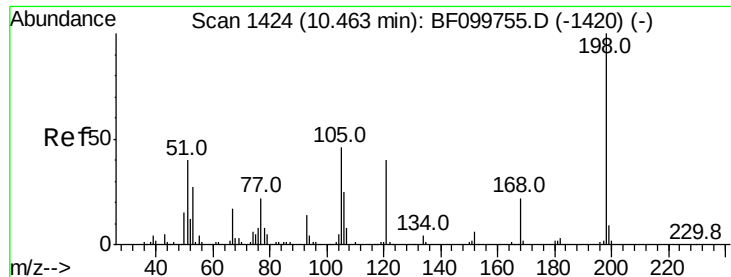
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.404 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:198 Resp: 7700

Ion Ratio Lower Upper

198 100

51 35.1 37.7 77.7#

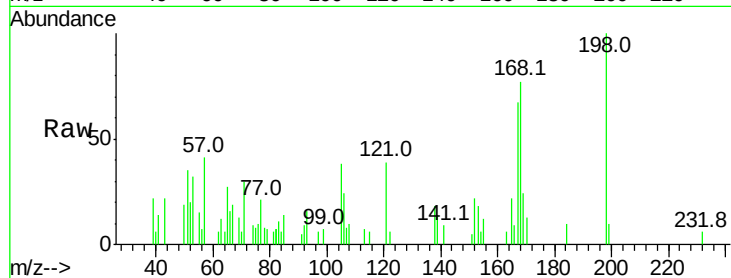
105 37.9 36.3 76.3

Manual Integrations

APPROVED

Sohil

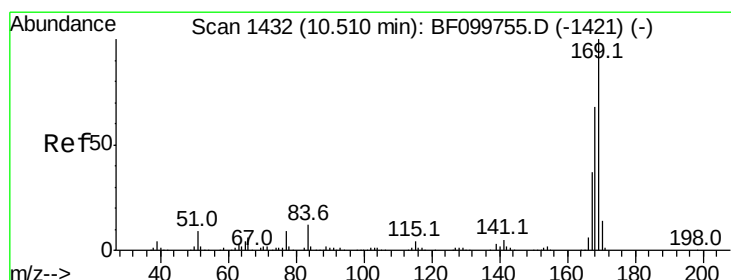
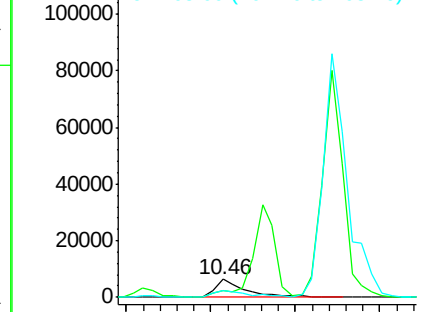
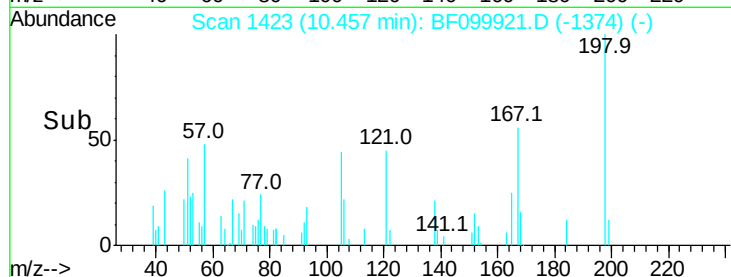
10/30/2017 6:20:25 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 26.488 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

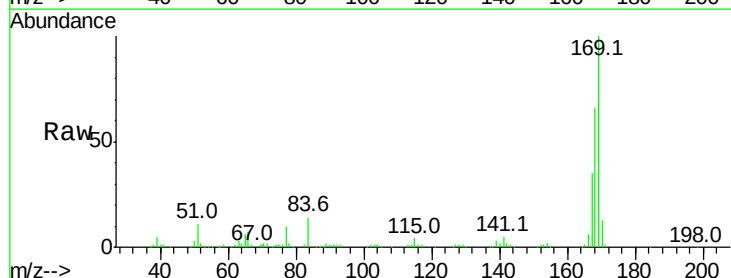
Tgt Ion:169 Resp: 271936

Ion Ratio Lower Upper

169 100

168 65.6 54.4 81.6

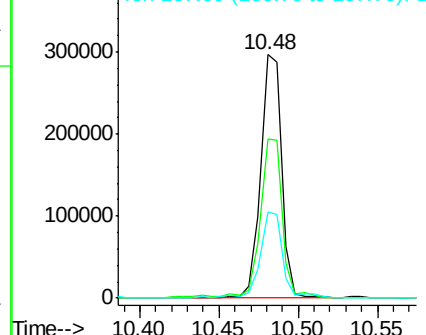
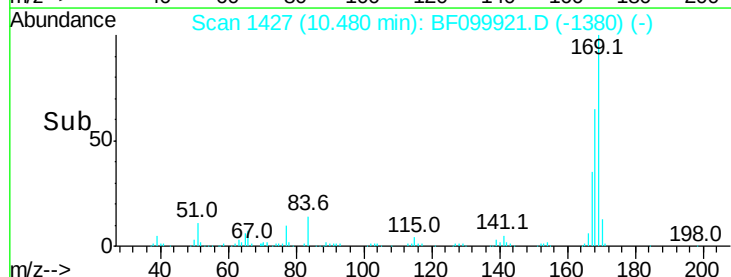
167 35.4 29.8 44.6

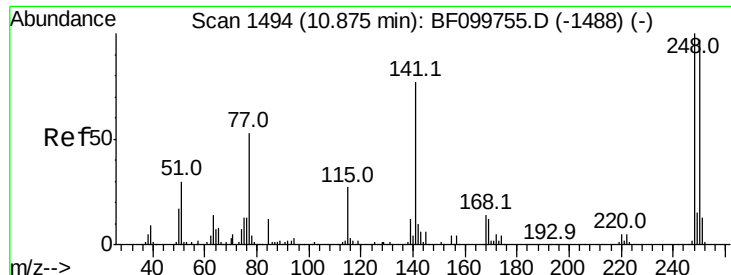


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





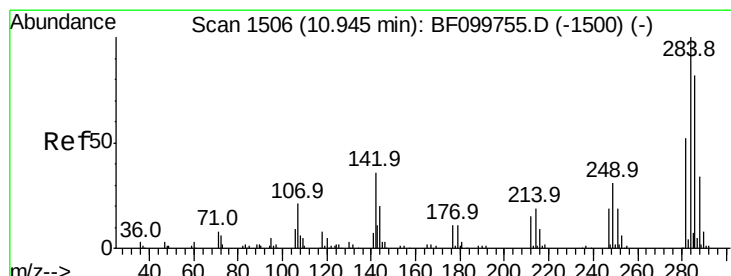
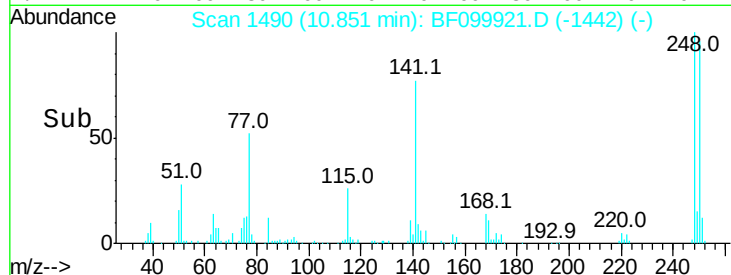
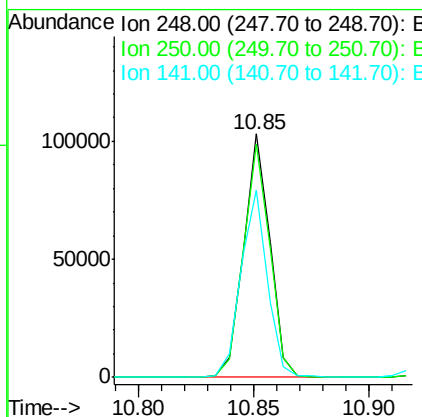
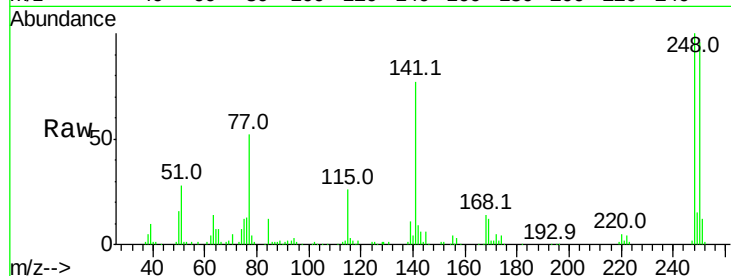
#66
 4-Bromophenyl-phenylether
 Concen: 28.028 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.02 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	76.9	74.4	111.6

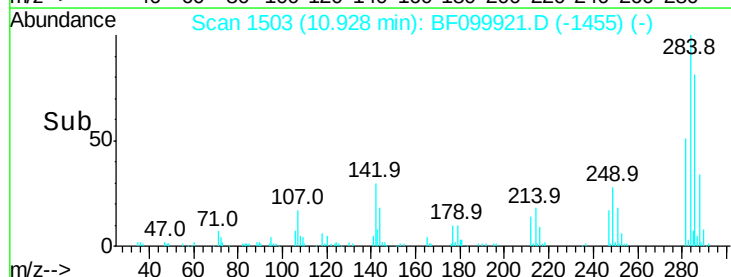
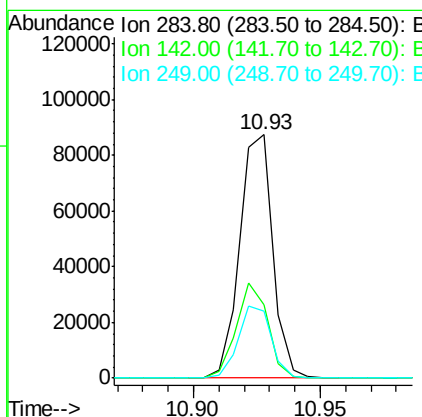
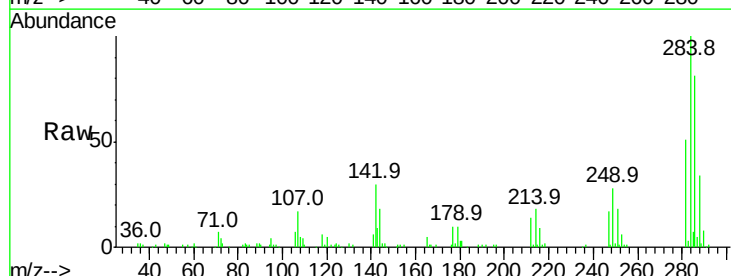
Manual Integrations
 APPROVED

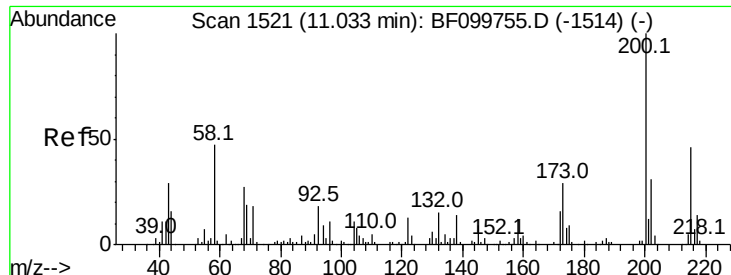
Sohil
 10/30/2017 6:20:25 PM



#67
 Hexachlorobenzene
 Concen: 26.318 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	34.6	52.0#
249	27.7	24.8	37.2





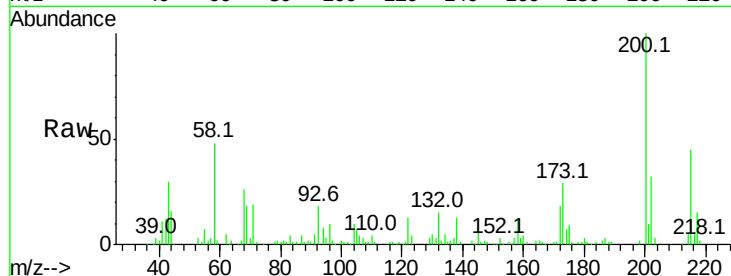
#68
Atrazine
Concen: 26.183 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

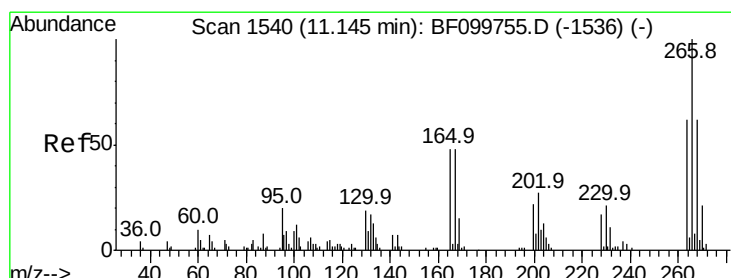
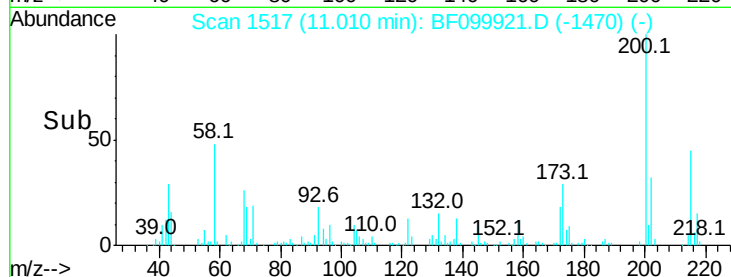
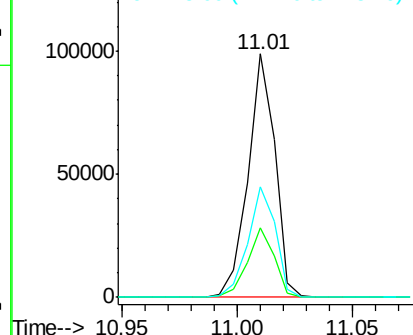
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	45.3	25.1	65.1

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM

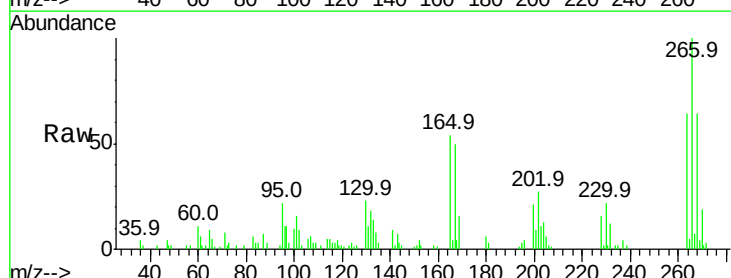


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

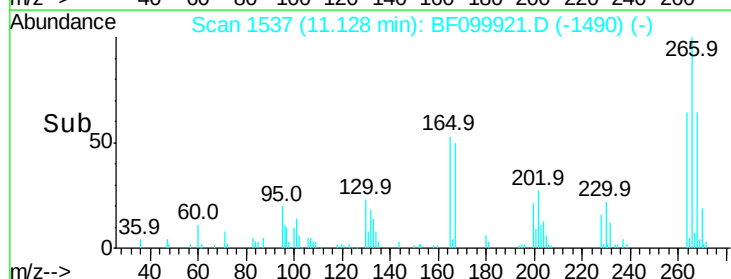
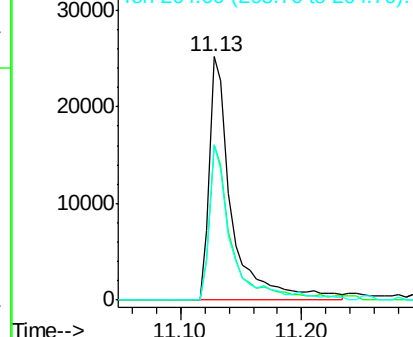


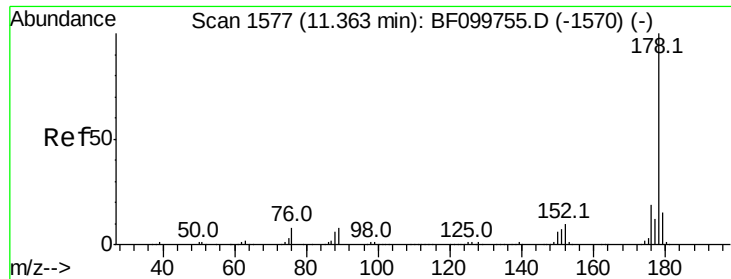
#69
Pentachlorophenol
Concen: 25.617 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	64.0	49.5	74.3



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





#70

Phenanthrene

Concen: 32.727 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

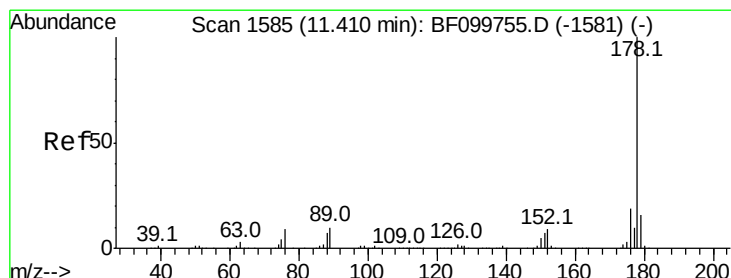
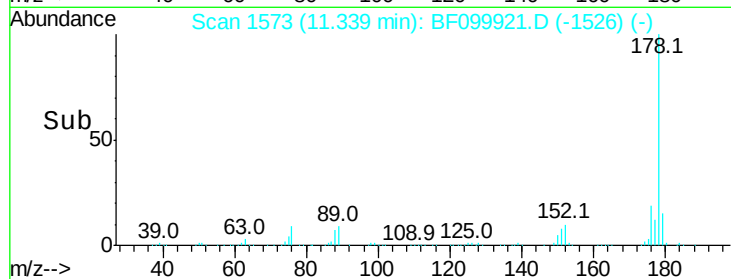
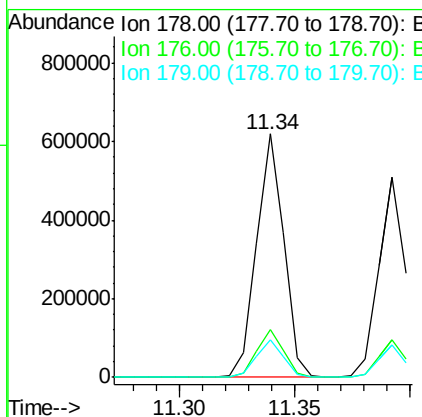
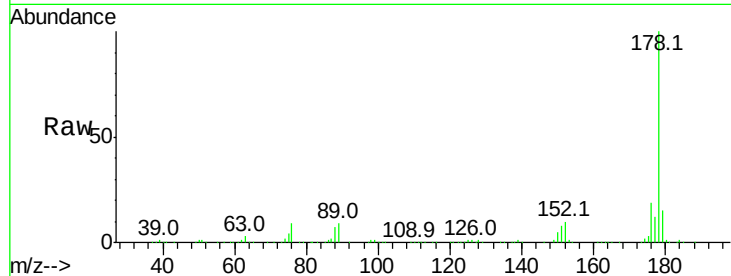
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	178	Resp:	513653
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#71

Anthracene

Concen: 26.204 ng

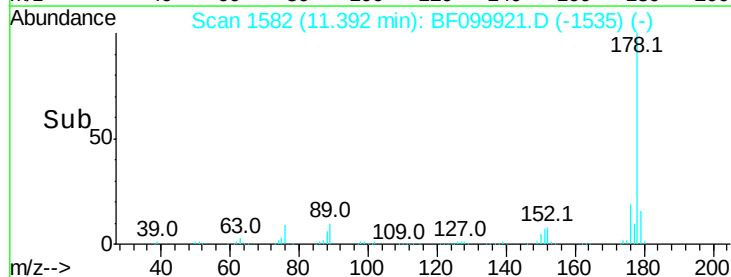
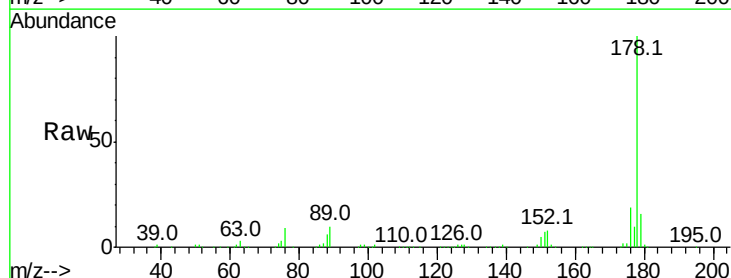
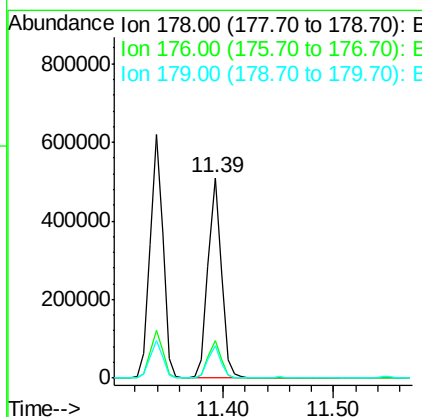
RT: 11.39 min Scan# 1582

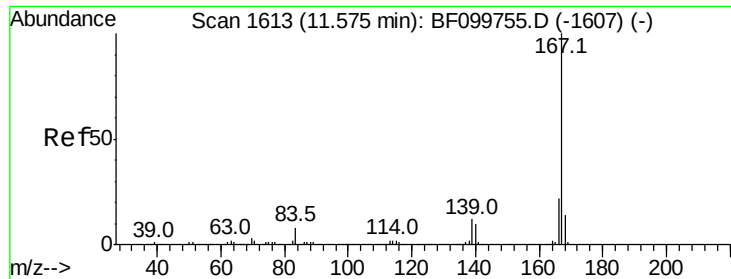
Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	178	Resp:	417470
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.9	12.6	19.0





#72

Carbazole

Concen: 23.038 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

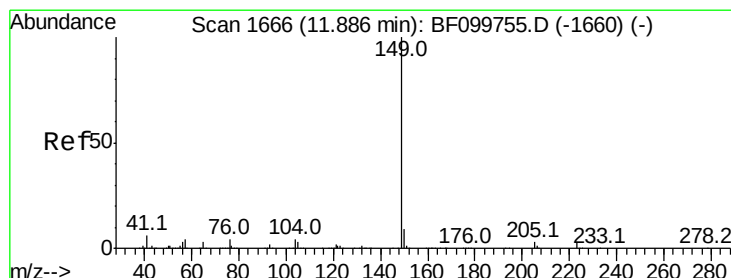
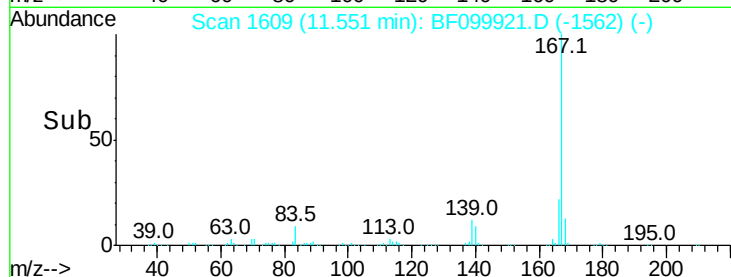
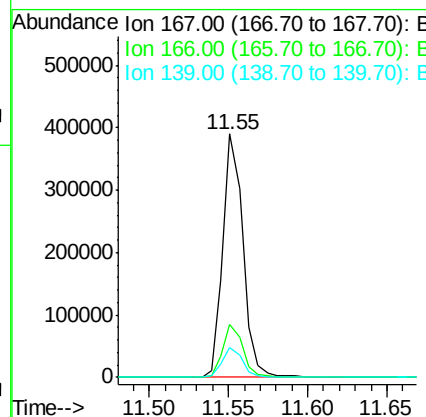
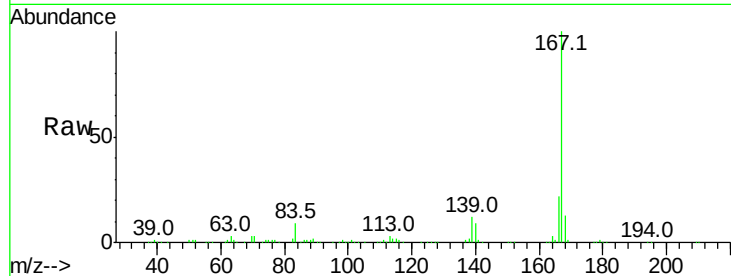
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	167	Resp:	345150
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	12.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#73

Di-n-butylphthalate

Concen: 25.638 ng

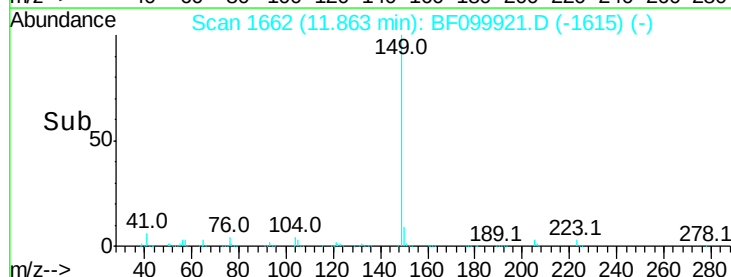
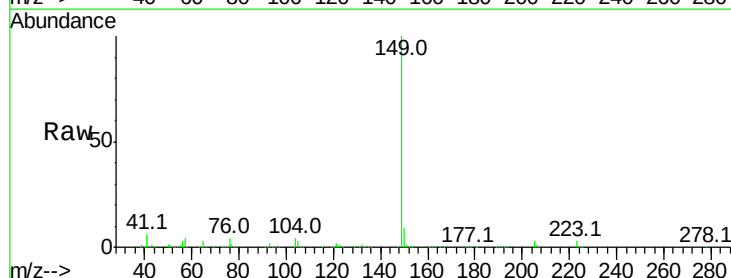
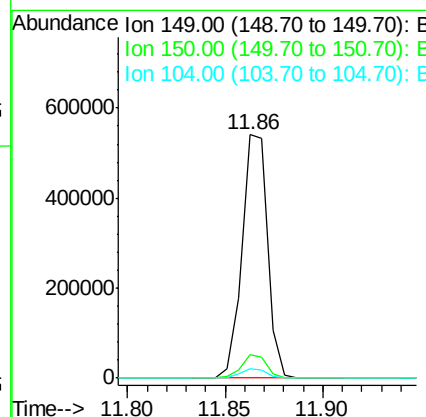
RT: 11.86 min Scan# 1662

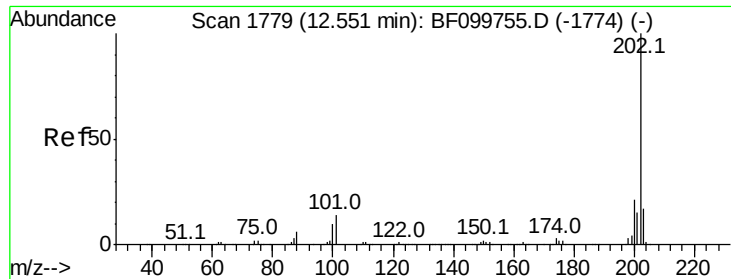
Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	149	Resp:	489908
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	3.8	3.8	5.8#





#74

Fluoranthene

Concen: 27.000 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

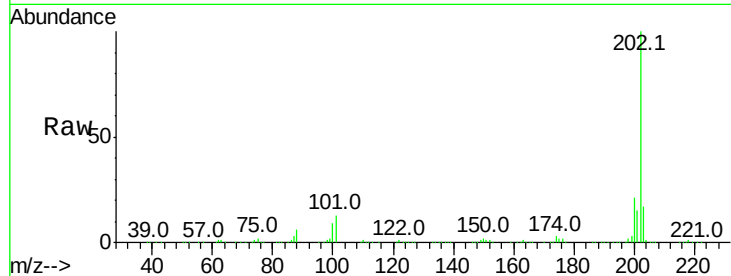
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	202	Resp:	440391
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
APPROVED

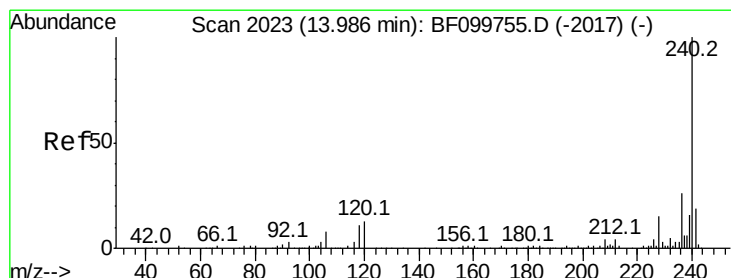
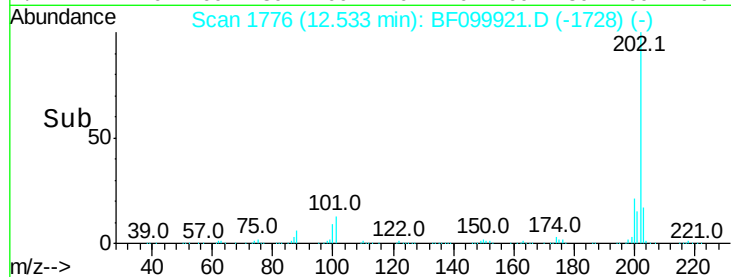
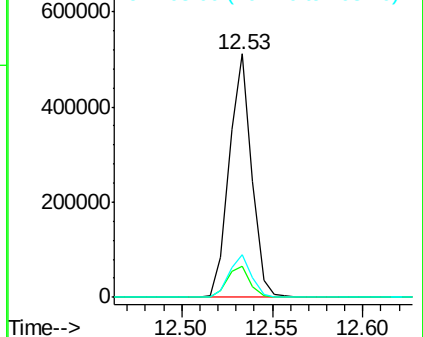
Sohil
10/30/2017 6:20:25 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099921.D

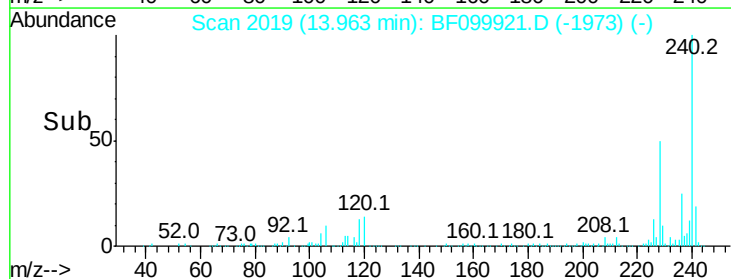
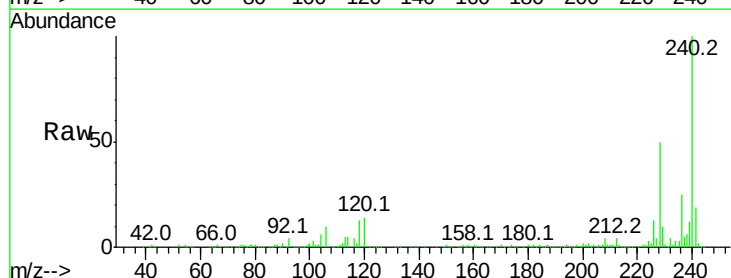
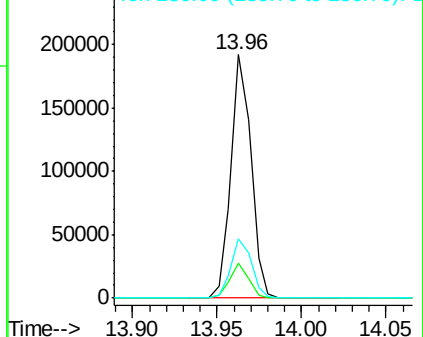
Acq: 28 Oct 2017 17:03

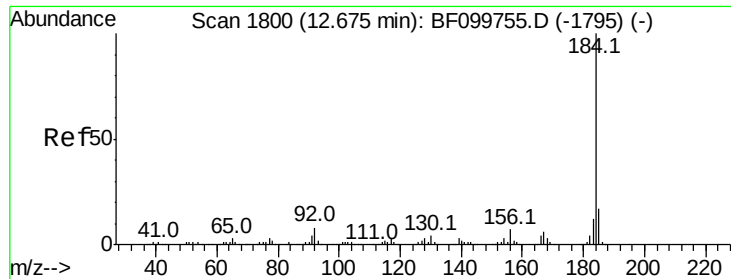
Tgt Ion:	240	Resp:	159216
Ion Ratio	Lower	Upper	
240	100		
120	14.4	9.5	14.3#
236	24.6	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





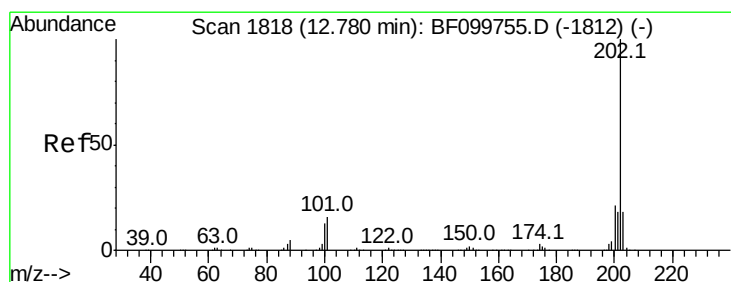
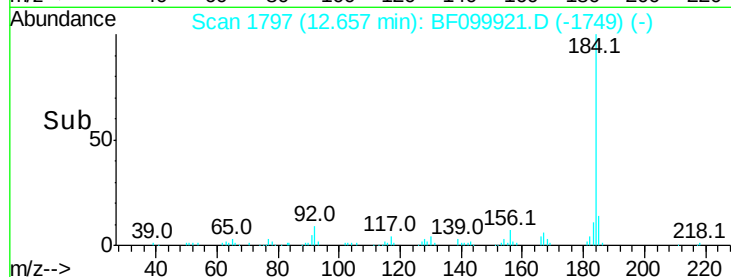
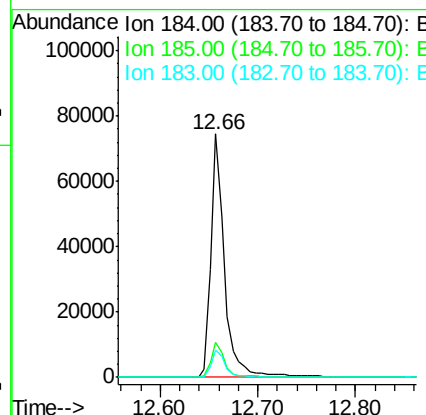
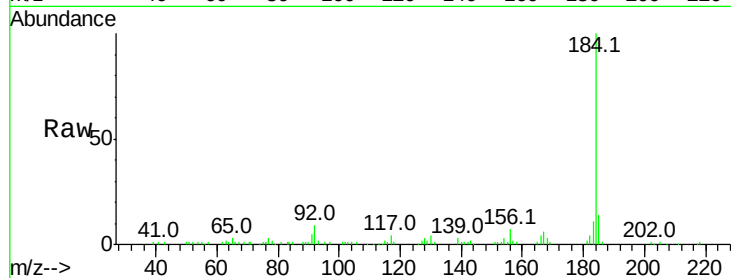
#76
Benzidine
Concen: 10.357 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.3	9.3	13.9

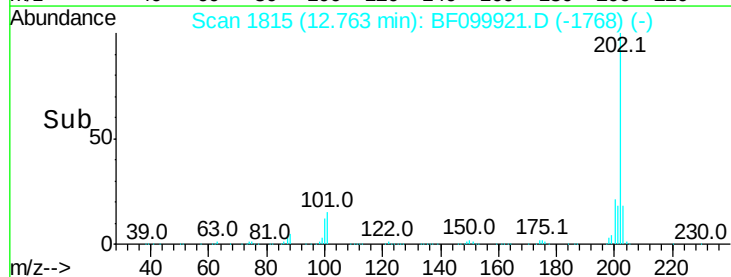
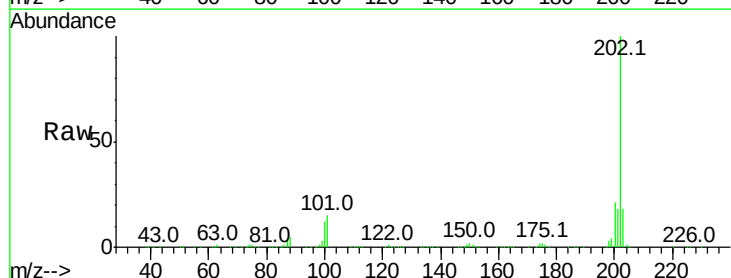
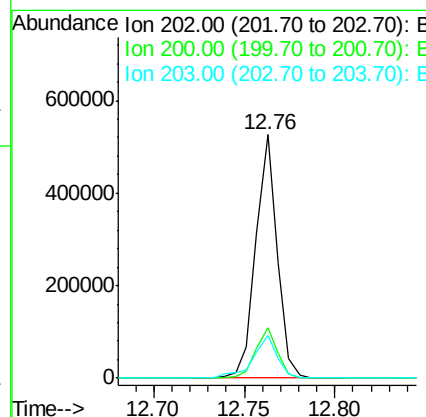
Manual Integrations
APPROVED

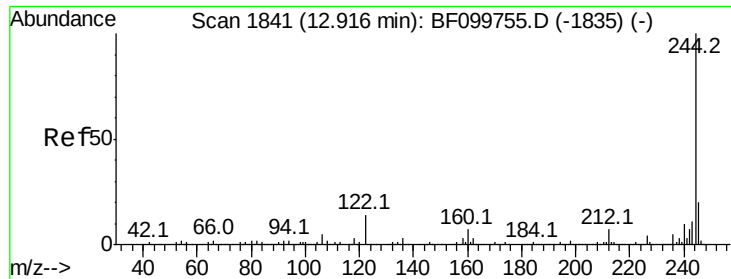
Sohil
10/30/2017 6:20:25 PM



#77
Pyrene
Concen: 35.663 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.7	14.3	21.5





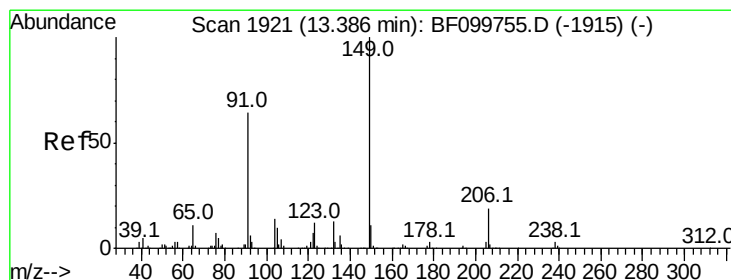
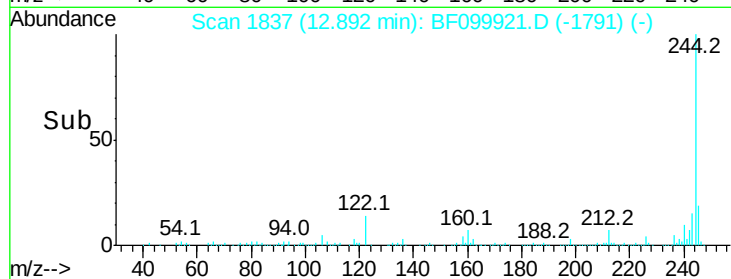
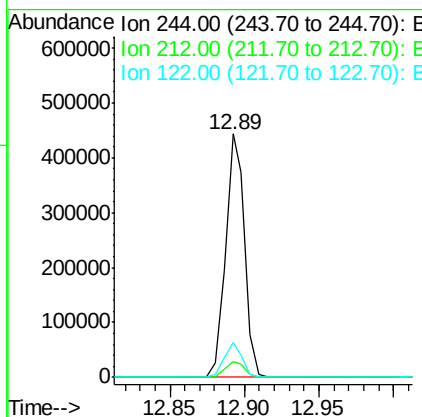
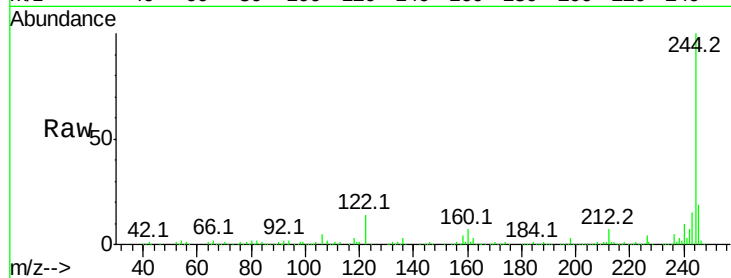
#78
 Terphenyl-d14
 Concen: 54.585 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.03 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.4	11.0	16.4

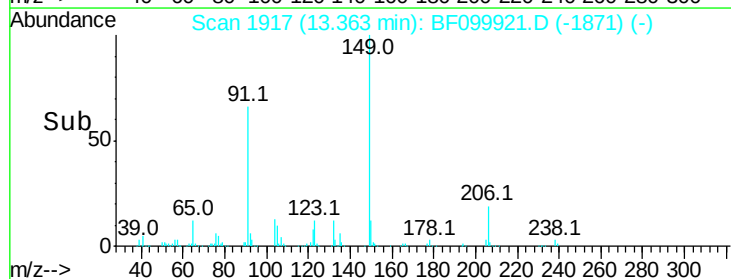
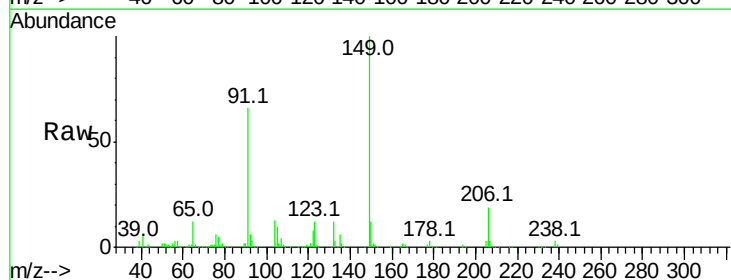
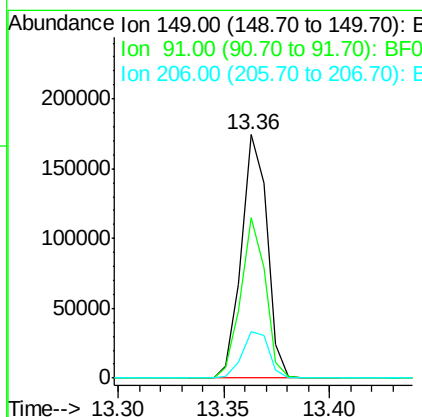
Manual Integrations
 APPROVED

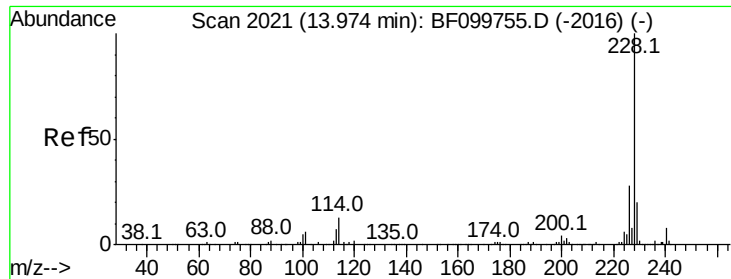
Sohil
 10/30/2017 6:20:25 PM



#79
 Butylbenzylphthalate
 Concen: 24.734 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.03 min
 Lab File: BF099921.D
 Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	18.9	14.1	21.1





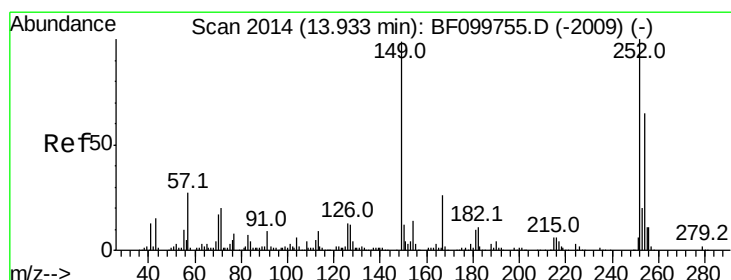
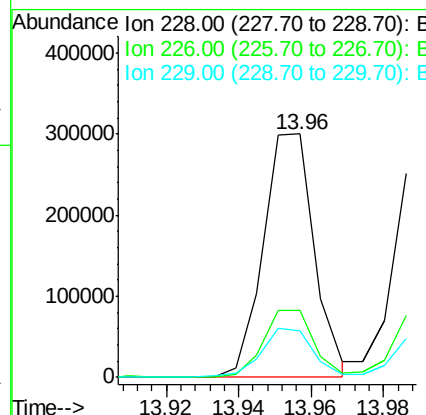
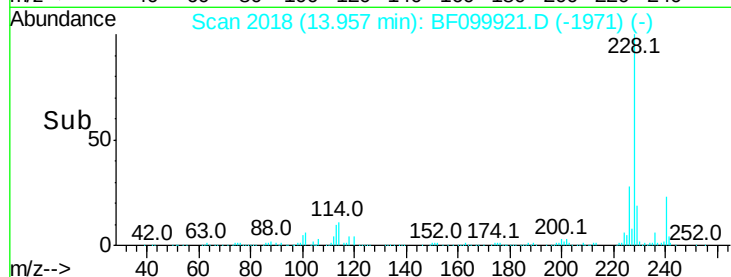
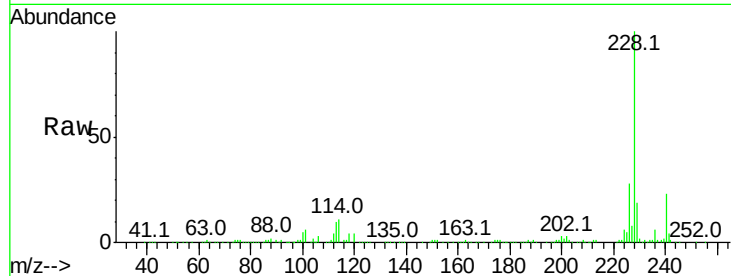
#80
Benzo(a)anthracene
Concen: 28.948 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.0	15.8	23.6

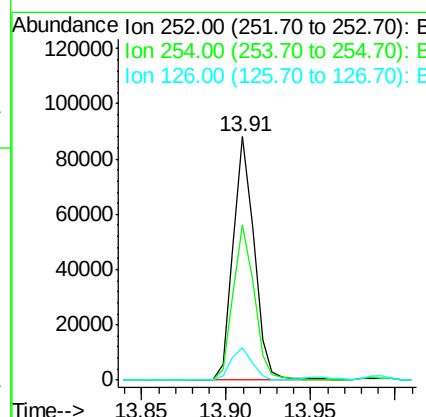
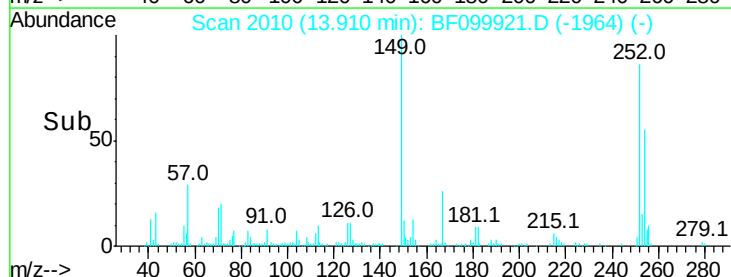
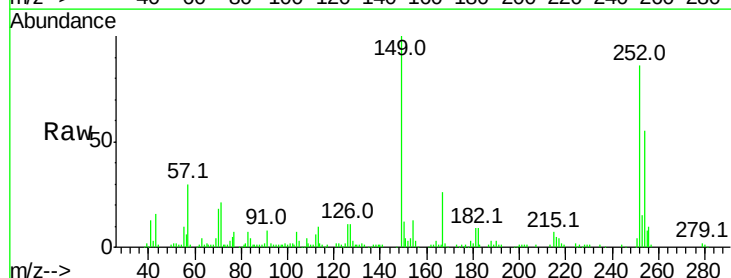
Manual Integrations
APPROVED

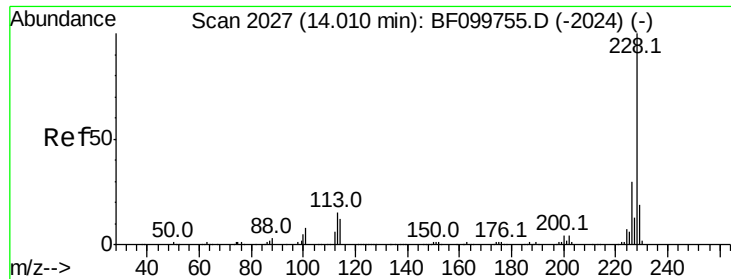
Sohil
10/30/2017 6:20:25 PM



#81
3,3'-Dichlorobenzidine
Concen: 20.831 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.03 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	13.1	11.3	16.9





#82

Chrysene

Concen: 29.564 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Instrument :

BNA_F

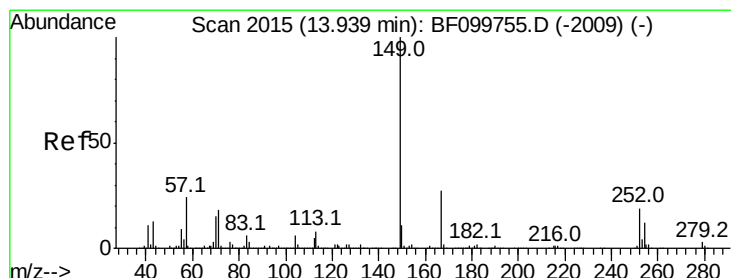
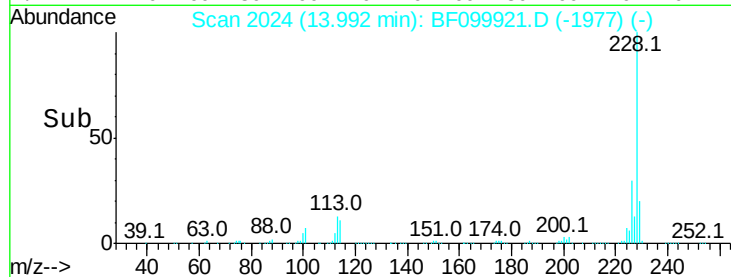
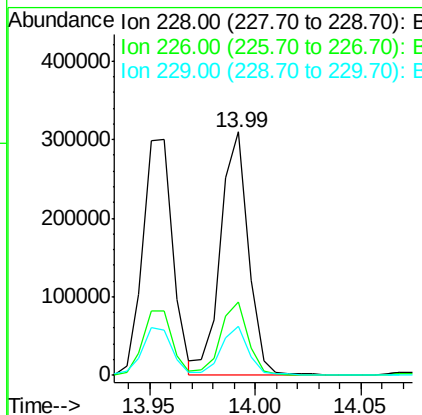
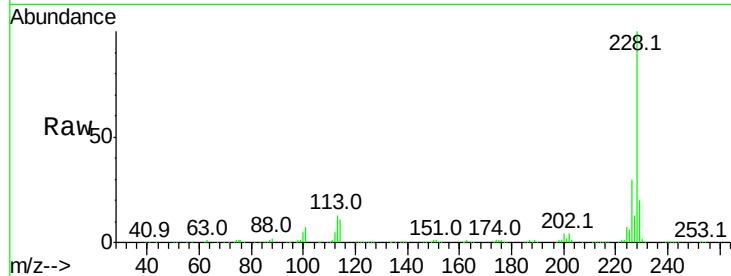
ClientSampleId :

FILL-PILE-1-COMP-1MSD

Tot Ion:	228	Resp:	280532
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	20.0	16.2	24.4

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.167 ng

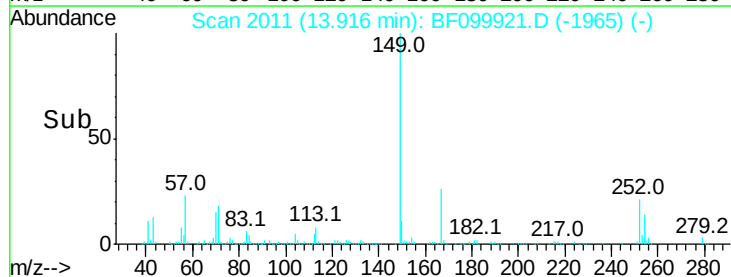
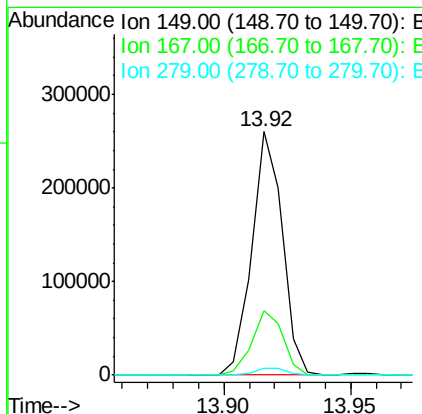
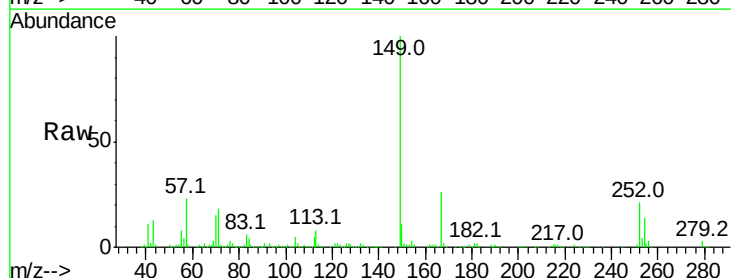
RT: 13.92 min Scan# 2011

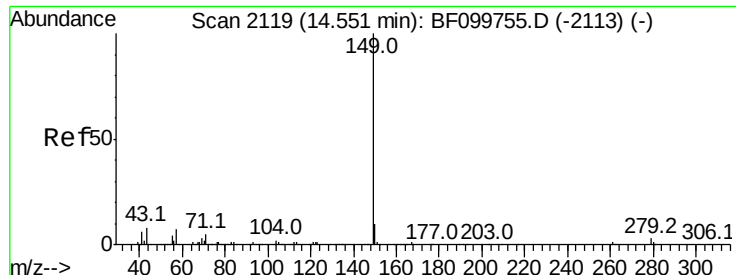
Delta R.T. -0.03 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion:	149	Resp:	219070
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	2.7	3.0	4.4#





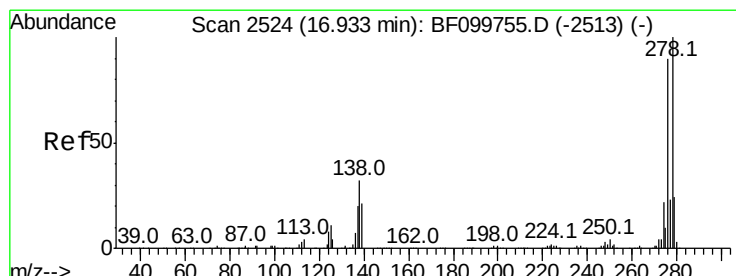
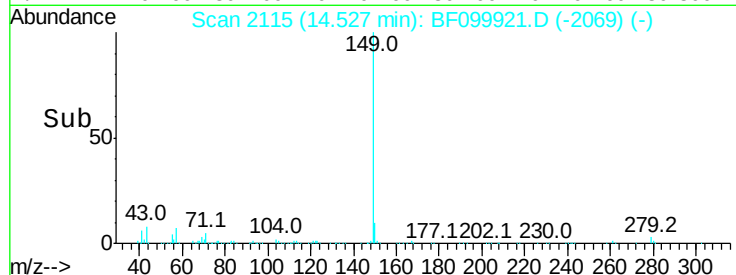
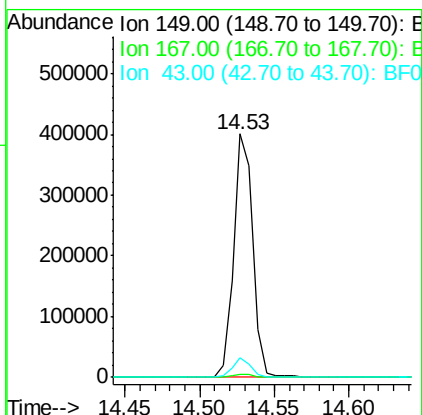
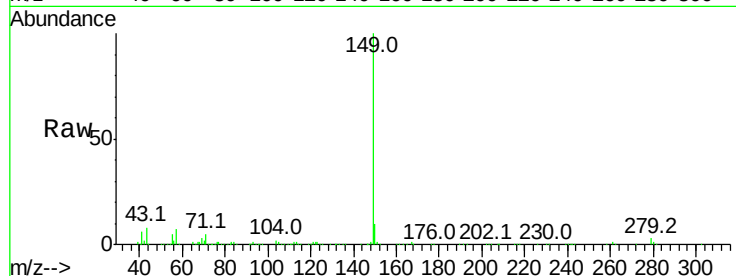
#84
Di-n-octyl phthalate
Concen: 25.081 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	8.4	12.6#

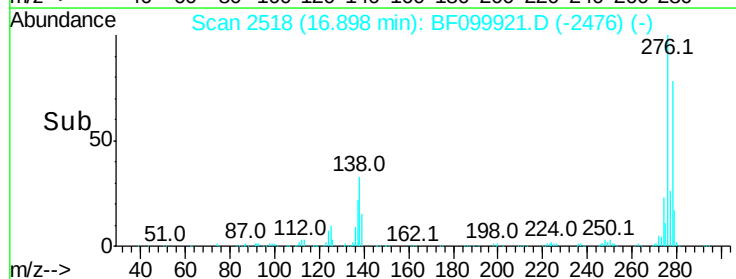
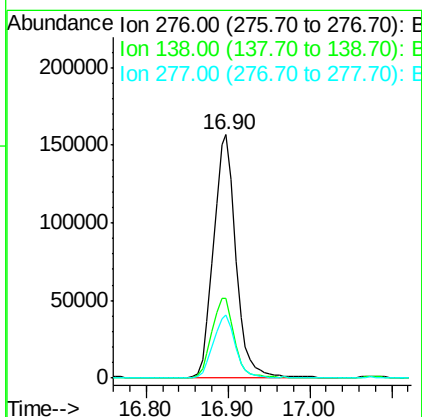
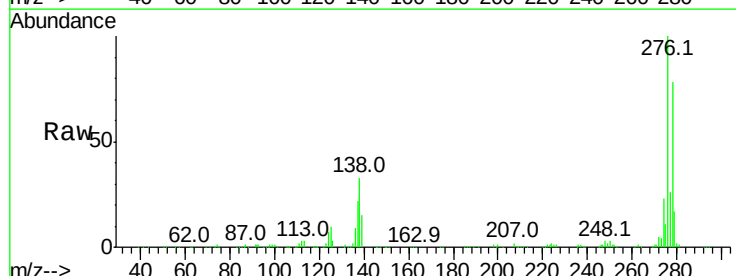
Manual Integrations
APPROVED

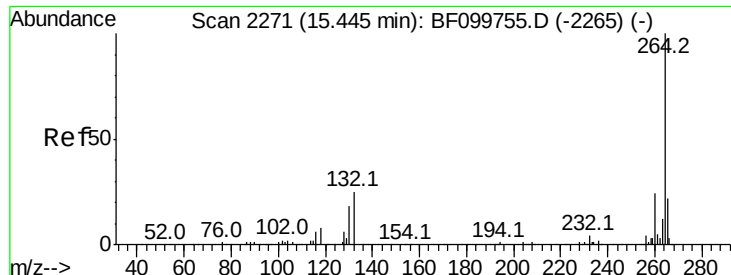
Sohil
10/30/2017 6:20:25 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 34.554 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.05 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.7	20.1	30.1





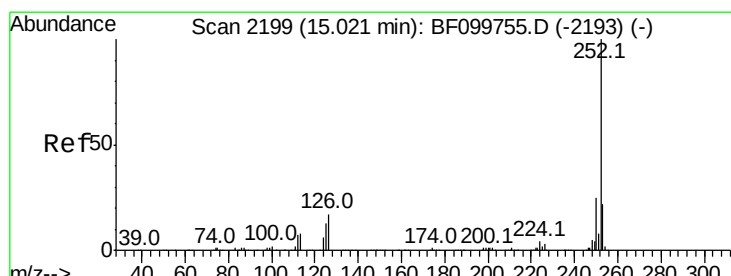
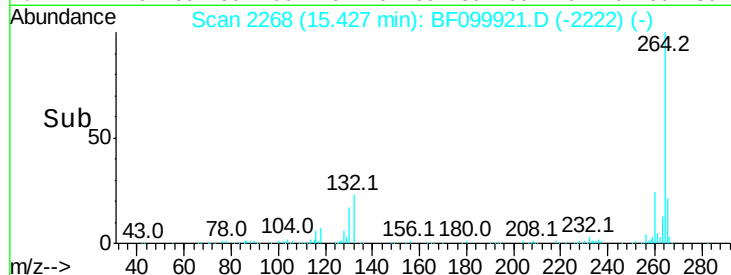
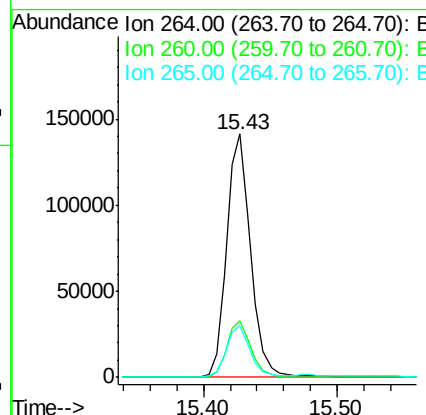
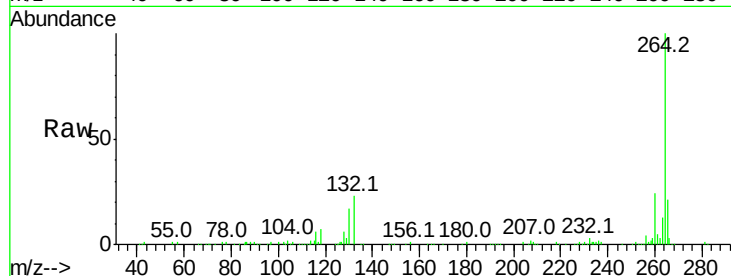
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3

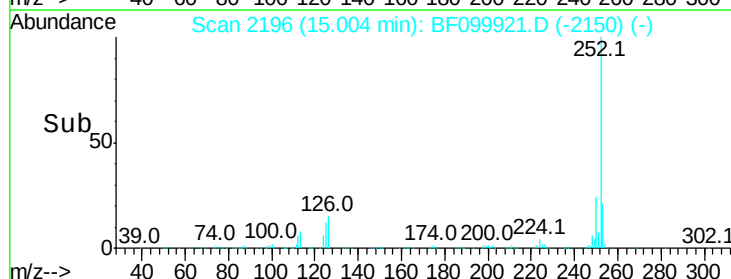
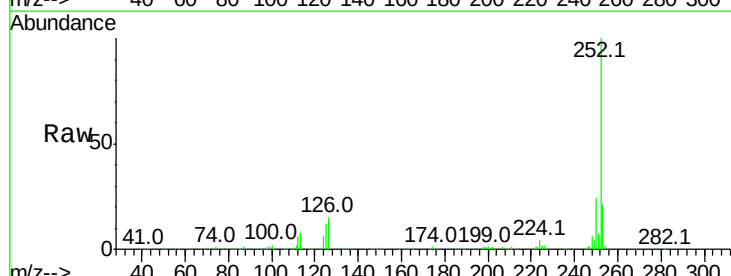
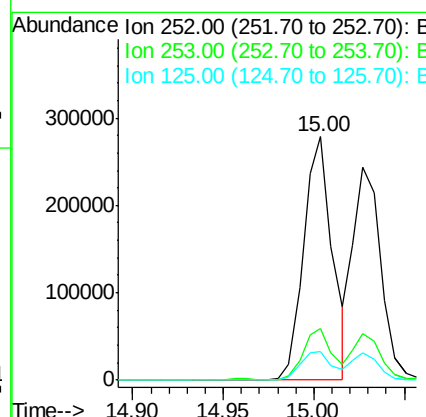
Manual Integrations
APPROVED

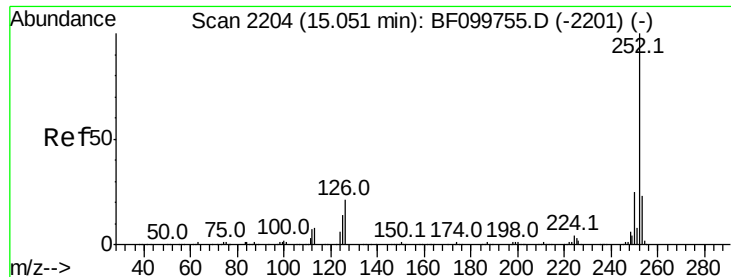
Sohil
10/30/2017 6:20:25 PM



#87
Benzo(b)fluoranthene
Concen: 27.462 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	11.6	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 24.795 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.04 min

Lab File: BF099921.D

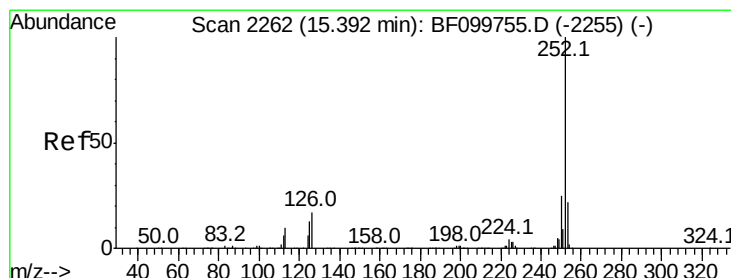
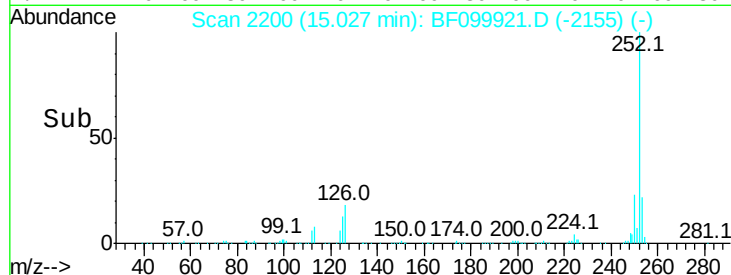
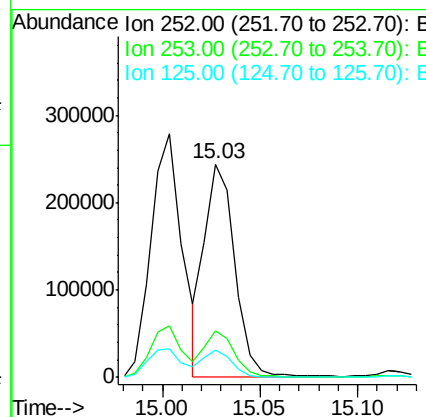
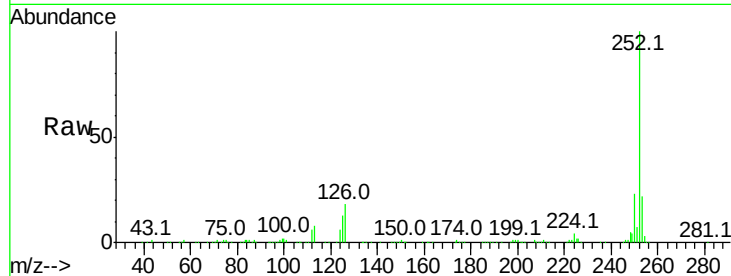
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM



#89

Benzo(a)pyrene

Concen: 28.076 ng

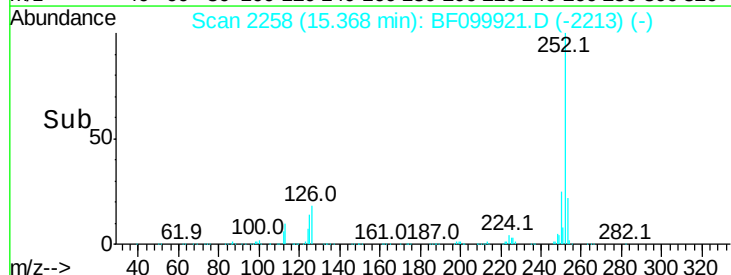
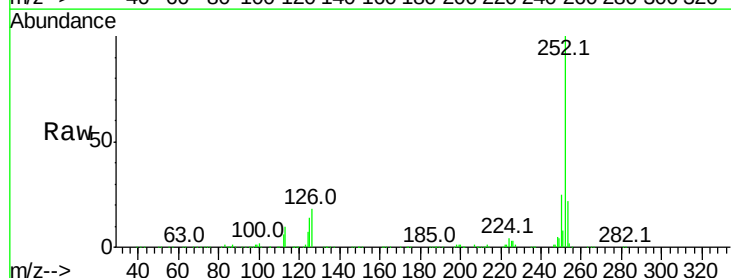
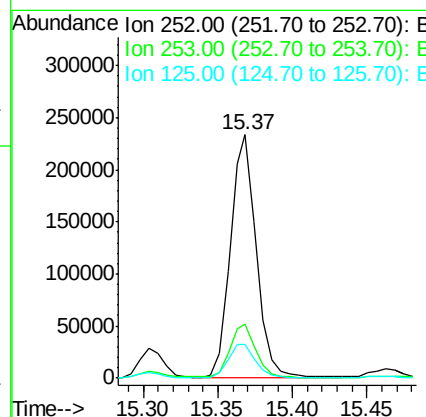
RT: 15.37 min Scan# 2258

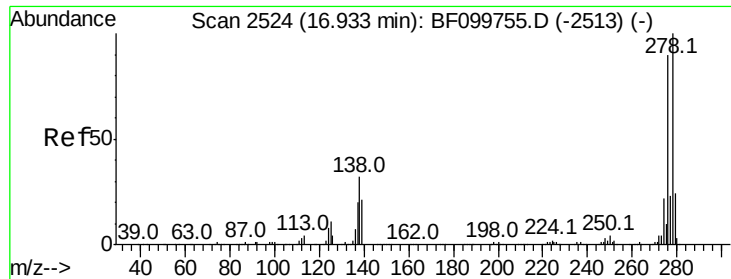
Delta R.T. -0.04 min

Lab File: BF099921.D

Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.7	9.8	14.6





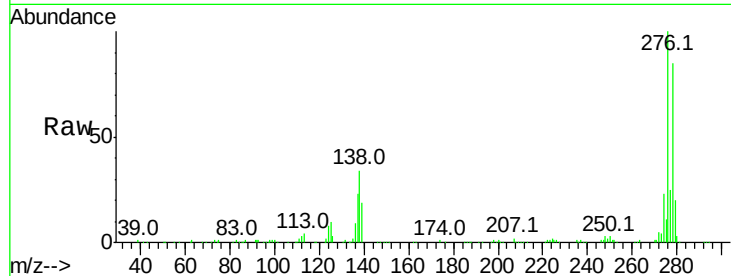
#90
Dibenzo(a,h)anthracene
Concen: 26.431 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.06 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	22.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/30/2017 6:20:25 PM

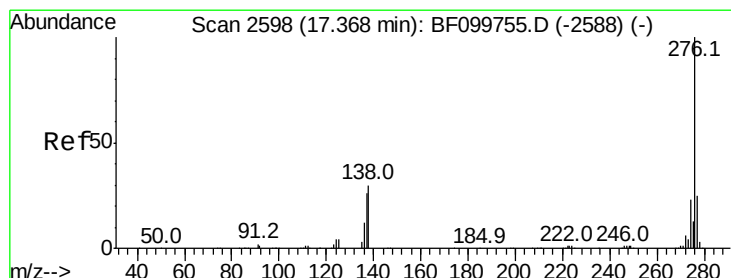
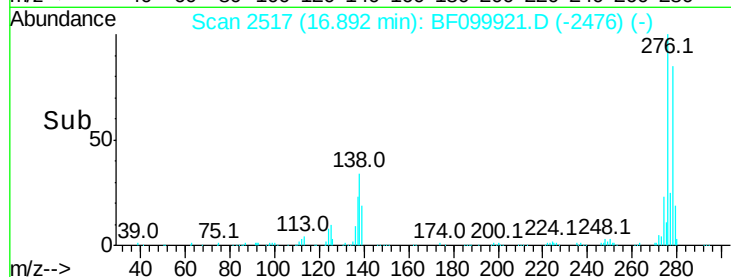
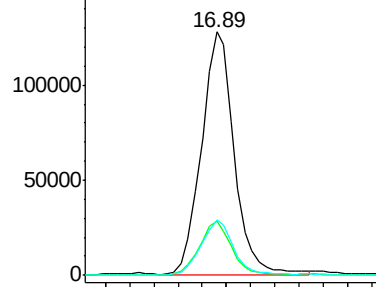


Abundance

Ion 278.00 (277.70 to 278.70): E

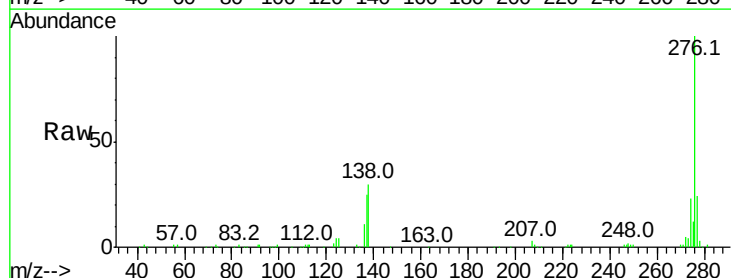
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 28.025 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.06 min
Lab File: BF099921.D
Acq: 28 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	30.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

