

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099764.D
 Acq On : 23 Oct 2017 17:40
 Operator : SJ/JU
 Sample : PB103538BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM

Quant Time: Oct 23 23:40:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	93410	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	397524	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	194635	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	336040	20.00	ng	0.00
75) Chrysene-d12	13.98	240	178695	20.00	ng	0.00
86) Perylene-d12	15.44	264	179898	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	633934	106.55	ng	0.01
7) Phenol-d6	6.45	99	761338	107.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	447321	72.45	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	182396	102.83	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	962244	76.28	ng	0.00
78) Terphenyl-d14	12.92	244	749343	91.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	81935	31.185	ng	91
3) Pyridine	3.38	79	202946	32.120	ng	88
4) n-Nitrosodimethylamine	3.33	42	78572	34.809	ng	# 64
6) Aniline	6.47	93	213927	23.387	ng	97
8) 2-Chlorophenol	6.59	128	242542	38.248	ng	93
9) Benzaldehyde	6.36	77	140322	33.286	ng	87
10) Phenol	6.46	94	288338	37.225	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	218579	36.543	ng	93
12) 1,3-Dichlorobenzene	6.75	146	254983m	35.812	ng	
13) 1,4-Dichlorobenzene	6.82	146	260155	36.001	ng	97
14) 1,2-Dichlorobenzene	6.97	146	239209	36.321	ng	96
15) Benzyl Alcohol	6.96	79	172409	38.428	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	281995	42.441	ng	54
17) 2-Methylphenol	7.07	107	197419	37.219	ng	97
18) Hexachloroethane	7.31	117	86682	35.955	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	149074	36.058	ng	91
20) 3+4-Methylphenols	7.22	107	250419	40.546	ng	# 76
22) Acetophenone	7.22	105	316961	35.018	ng	# 97
24) Nitrobenzene	7.39	77	229584	36.902	ng	92
25) Isophorone	7.63	82	449838	40.149	ng	99
26) 2-Nitrophenol	7.71	139	137024	38.453	ng	# 86
27) 2,4-Dimethylphenol	7.75	122	223581	42.584	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	293452	37.398	ng	99
29) 2,4-Dichlorophenol	7.95	162	215737	39.555	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	213798	36.687	ng	99
31) Naphthalene	8.11	128	695322	36.236	ng	100
32) Benzoic acid	7.89	122	120173	26.004	ng	95
33) 4-Chloroaniline	8.16	127	130735	16.499	ng	95
34) Hexachlorobutadiene	8.22	225	106110	35.400	ng	99
35) Caprolactam	8.55	113	69412m	40.469	ng	
36) 4-Chloro-3-methylphenol	8.66	107	220753	39.654	ng	94
37) 2-Methylnaphthalene	8.80	142	499289	38.827	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	208011	33.090	ng	98
40) Hexachlorocyclopentadiene	8.95	237	66378	56.756	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099764.D
 Acq On : 23 Oct 2017 17:40
 Operator : SJ/JU
 Sample : PB103538BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM

Quant Time: Oct 23 23:40:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	141803	37.293	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	152076	37.689	nq	93
45) 1,1'-Biphenyl	9.26	154	589299	33.468	nq	98
46) 2-Chloronaphthalene	9.29	162	462284	36.152	nq	97
47) 2-Nitroaniline	9.40	65	124259	37.025	nq	86
48) Acenaphthylene	9.71	152	691434	35.107	nq	99
49) Dimethylphthalate	9.57	163	565761	36.706	nq	100
50) 2,6-Dinitrotoluene	9.64	165	122689	37.864	nq	86
51) Acenaphthene	9.88	154	412524	34.280	nq	99
52) 3-Nitroaniline	9.81	138	83888	21.972	nq	94
53) 2,4-Dinitrophenol	9.93	184	41698	36.007	nq	# 83
54) Dibenzofuran	10.05	168	607426	35.759	nq	99
55) 4-Nitrophenol	9.99	139	136640	68.495	nq	82
56) 2,4-Dinitrotoluene	10.05	165	147721	37.856	nq	# 95
57) Fluorene	10.40	166	495860	35.256	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	110288	38.983	nq	95
59) Diethylphthalate	10.27	149	550289	36.559	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	233059	35.209	nq	97
61) 4-Nitroaniline	10.43	138	114639	31.472	nq	85
62) Azobenzene	10.55	77	466980	37.010	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	44966	21.287	nq	80
65) n-Nitrosodiphenylamine	10.50	169	454604	36.648	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	135806	38.388	nq	# 89
67) Hexachlorobenzene	10.95	284	133766	36.960	nq	94
68) Atrazine	11.03	200	143313	38.461	nq	99
69) Pentachlorophenol	11.15	266	92512	59.820	nq	98
70) Phenanthrene	11.36	178	681024	35.911	nq	99
71) Anthracene	11.41	178	703537	36.548	nq	100
72) Carbazole	11.57	167	635506	35.106	nq	99
73) Di-n-butylphthalate	11.89	149	875450	37.916	nq	99
74) Fluoranthene	12.55	202	624259	31.675	nq	98
76) Benzidine	12.67	184	302283	38.659	nq	98
77) Pyrene	12.78	202	609445	44.852	nq	98
79) Butylbenzylphthalate	13.39	149	300286	44.879	nq	91
80) Benzo(a)anthracene	13.97	228	419586	37.040	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	109880	26.722	nq	98
82) Chrysene	14.01	228	403839	37.920	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	406532	43.265	nq	98
84) Di-n-octyl phthalate	14.55	149	615168	38.144	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	455707	46.611	nq	98
87) Benzo(b)fluoranthene	15.02	252	409650	36.062	nq	99
88) Benzo(k)fluoranthene	15.04	252	384725	35.916	nq	99
89) Benzo(a)pyrene	15.39	252	391298	38.347	nq	97
90) Dibenzo(a,h)anthracene	16.93	278	377380	41.621	nq	99
91) Benzo(g,h,i)perylene	17.37	276	384016	43.290	nq	97

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

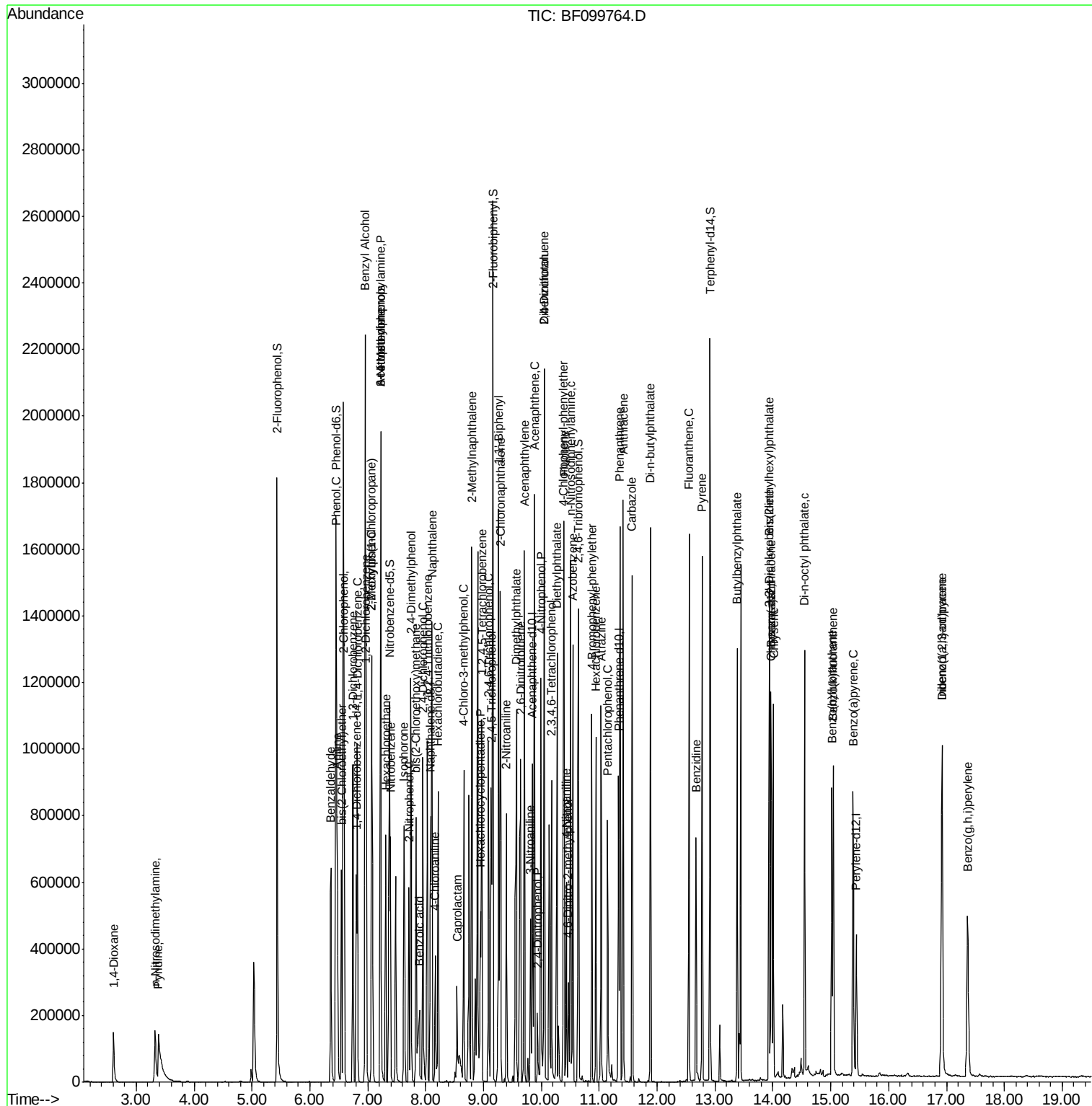
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099764.D
Acq On    : 23 Oct 2017  17:40
Operator  : SJ/JU
Sample    : PB103538BS
Misc      :
ALS Vial  : 5      Sample Multiplier: 1
```

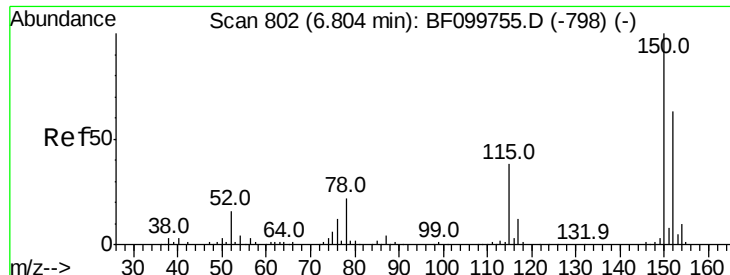
Instrument :
BNA_F
ClientSampleId :
PB103538BS

Manual Integrations APPROVED

Sohil
10/24/2017 8:40:59 PM

Quant Time: Oct 23 23:40:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration





#1

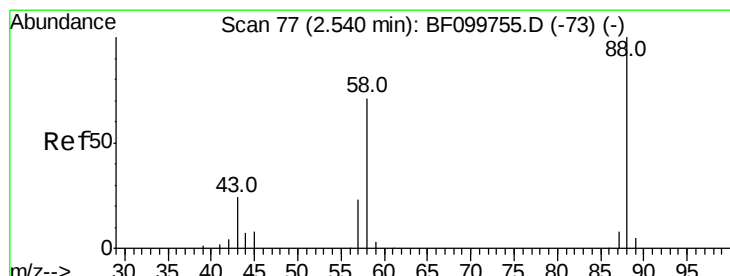
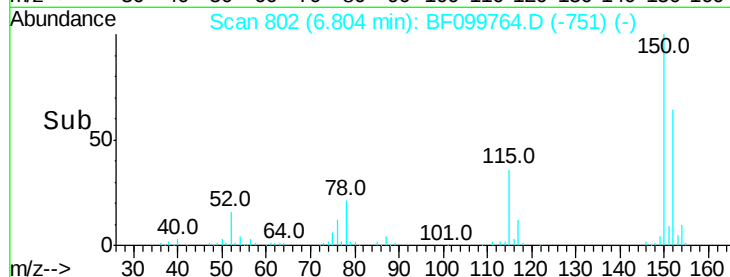
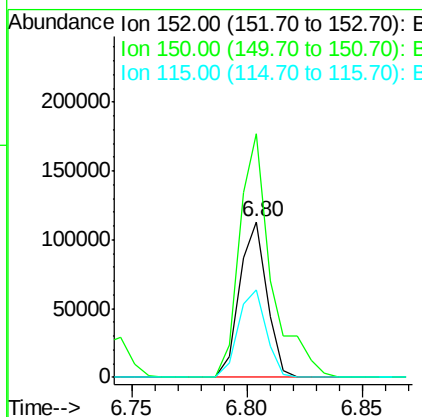
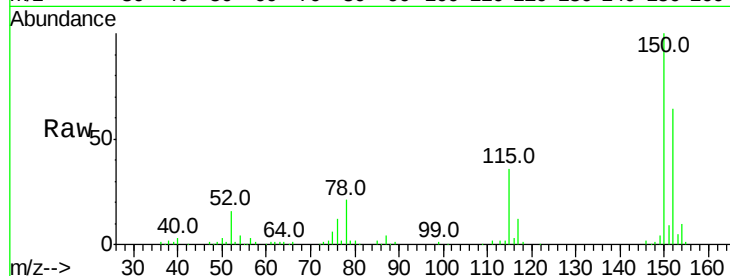
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	56.3	50.1	75.1

Manual Integrations
 APPROVED

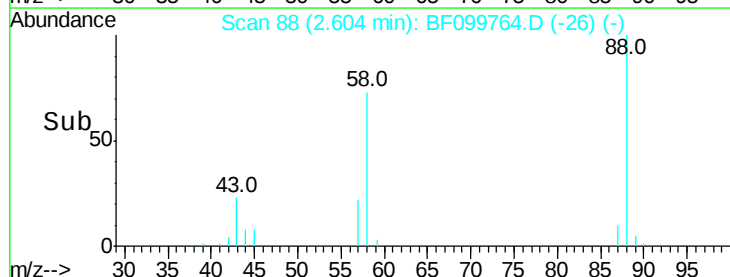
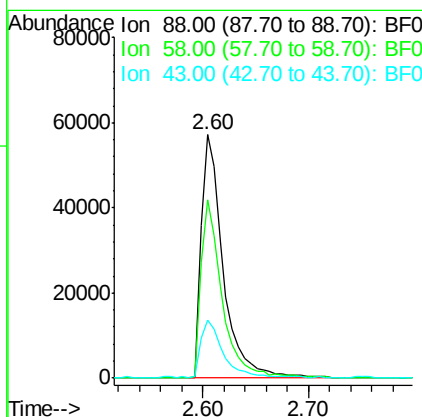
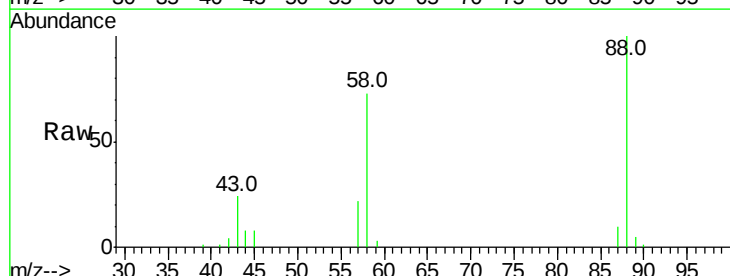
Sohil
 10/24/2017 8:40:59 PM

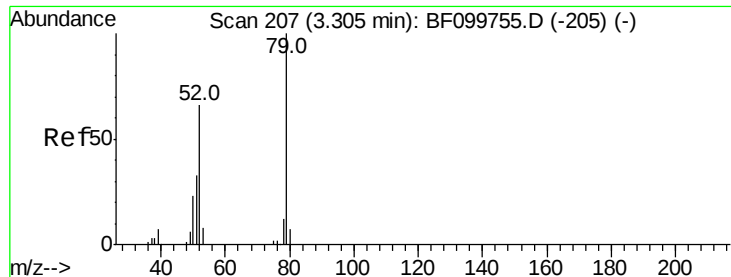


#2

1,4-Dioxane
 Concen: 31.185 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.06 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	62.6	93.8
43	25.2	24.6	37.0





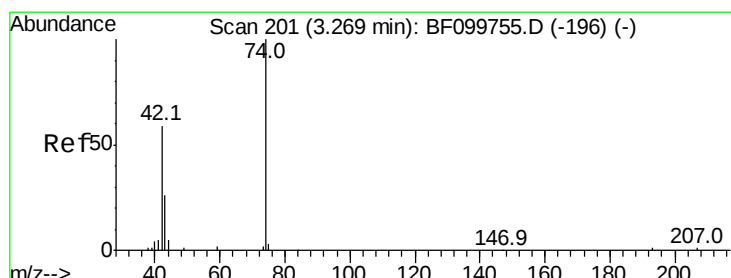
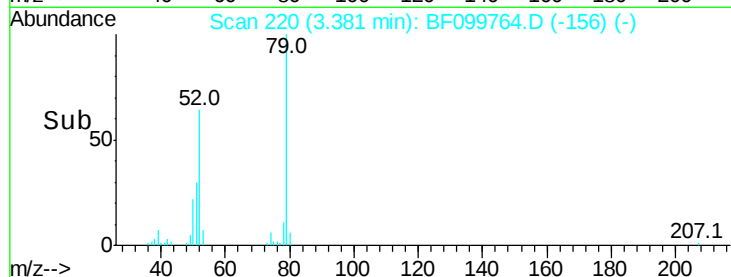
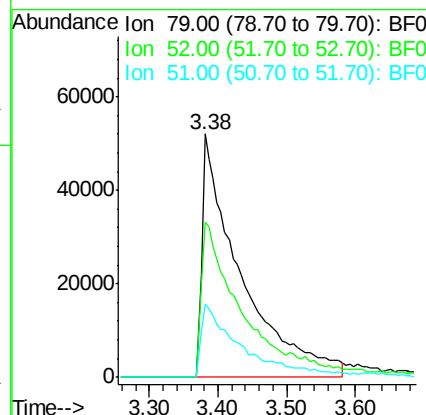
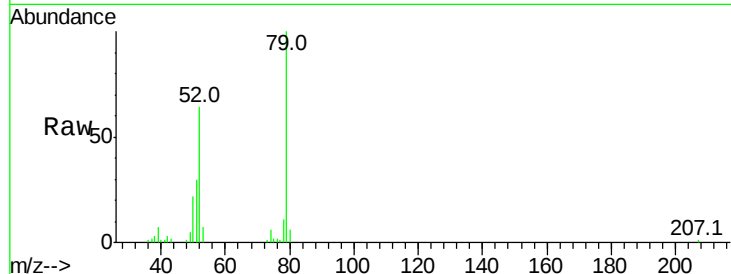
#3
 Pvridine
 Concen: 32.120 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.08 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.0	59.8	89.6
51	30.3	29.8	44.8

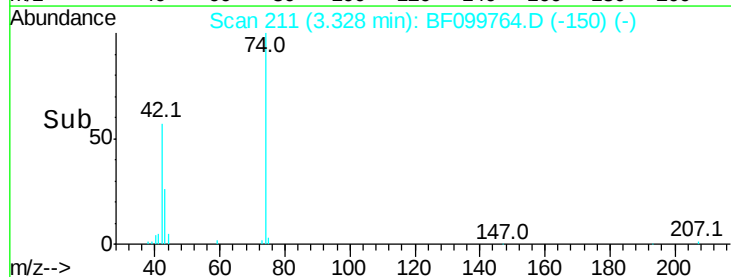
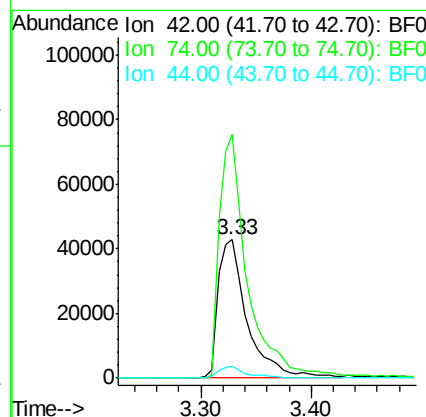
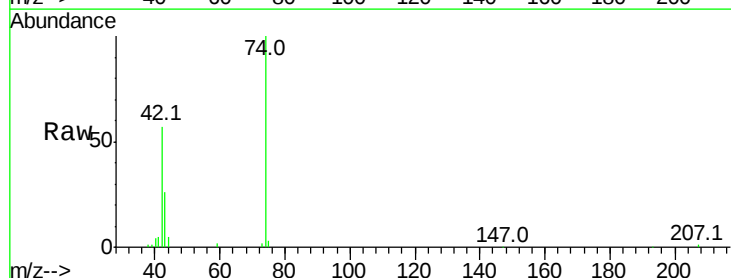
Manual Integrations
 APPROVED

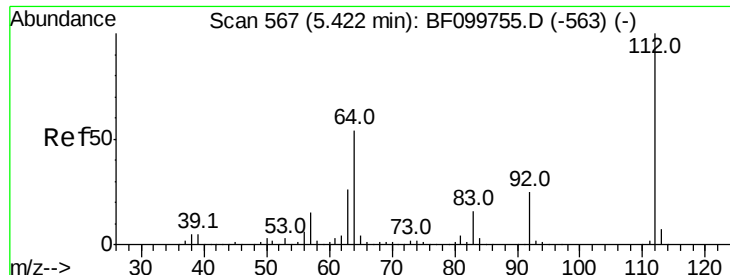
Sohil
 10/24/2017 8:40:59 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.809 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.06 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	176.1	104.9	157.3#
44	8.8	6.9	10.3





#5

2-Fluorophenol

Concen: 106.547 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

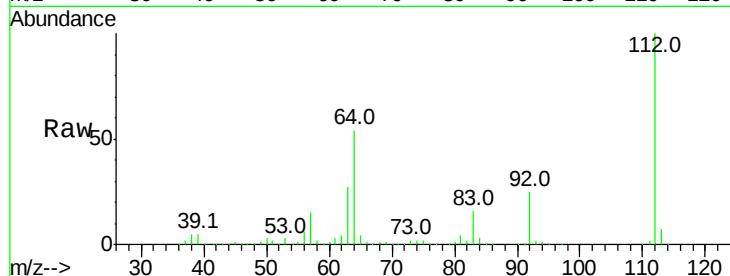
ClientSampled :

PB103538BS

Tot Ion:	112	Resp:	633934
Ion Ratio	Lower	Upper	
112	100		
64	54.1	47.9	71.9
63	26.6	23.7	35.5

Manual Integrations
APPROVED

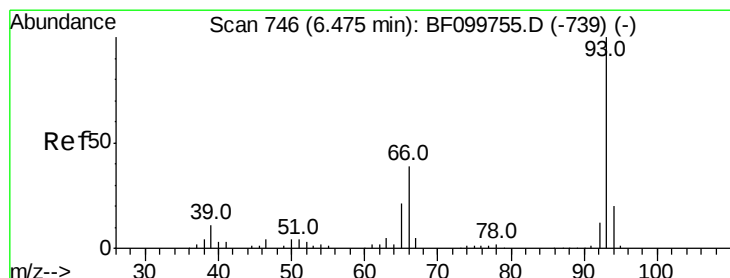
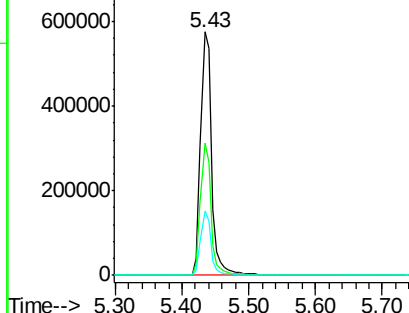
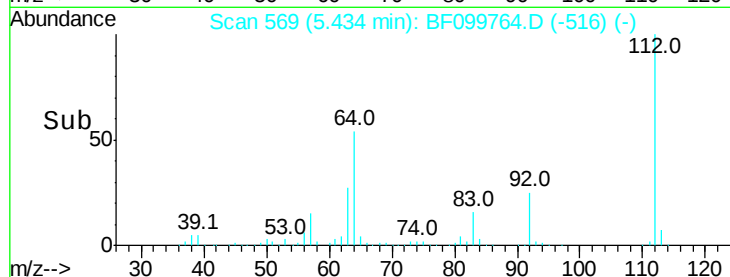
Sohil
10/24/2017 8:40:59 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.387 ng

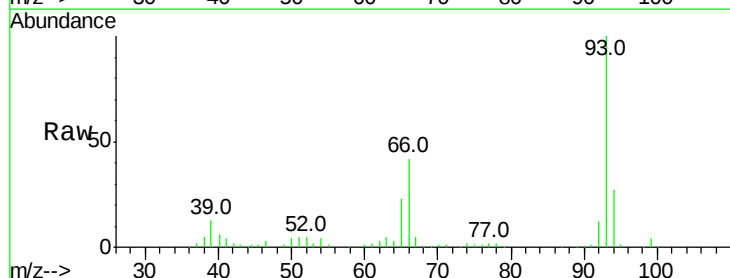
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

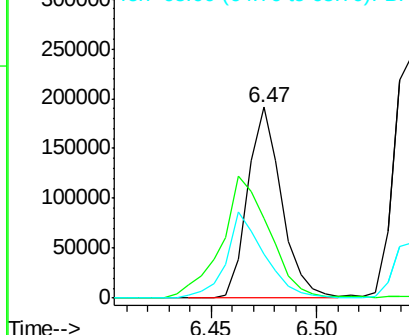
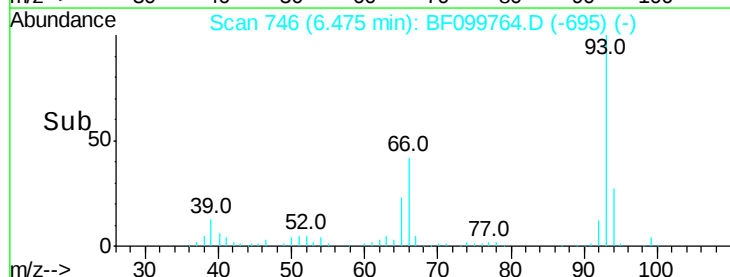
Tgt Ion:	93	Resp:	213927
Ion Ratio	Lower	Upper	
93	100		
66	41.8	32.2	48.2
65	22.9	16.4	24.6

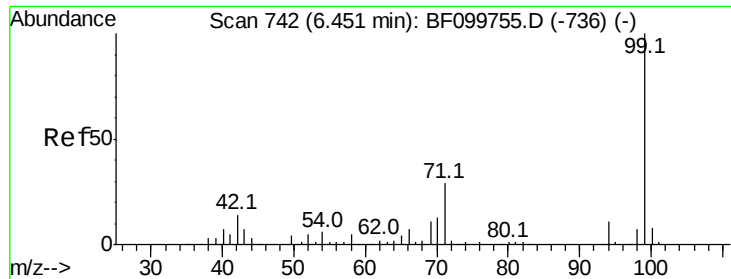


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.918 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

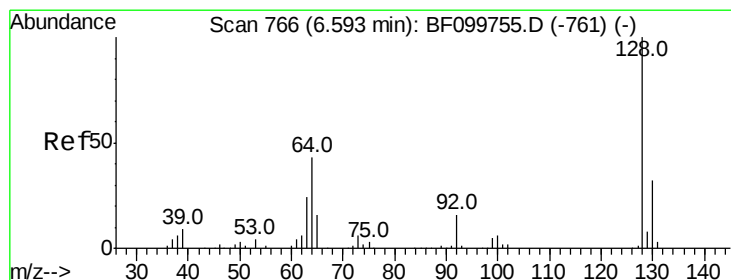
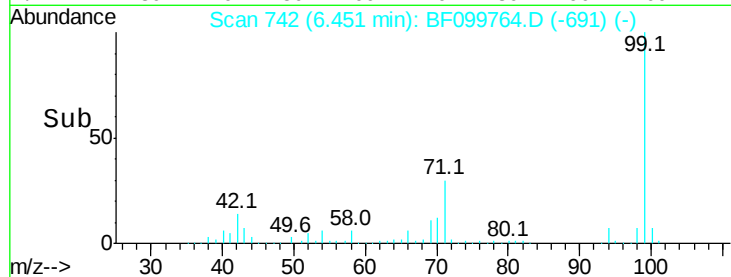
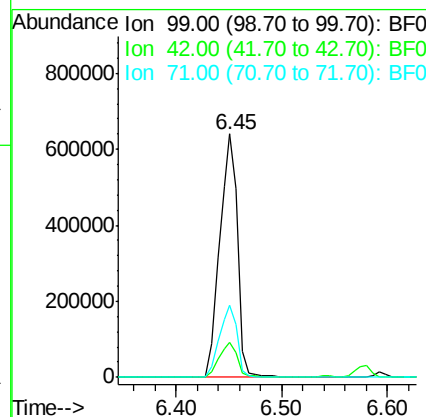
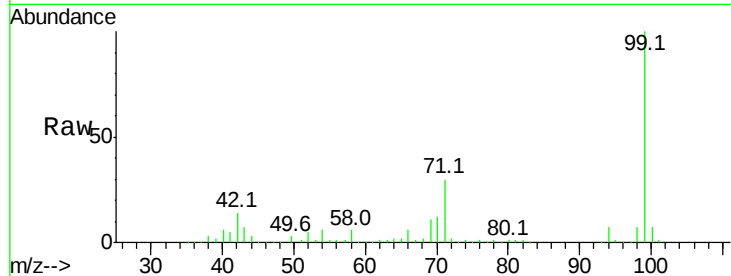
ClientSampleId :

PB103538BS

Tot Ion:	99	Resp:	761338
Ion Ratio	Lower	Upper	
99	100		
42	14.2	14.5	21.7#
71	29.7	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



#8

2-Chlorophenol

Concen: 38.248 ng

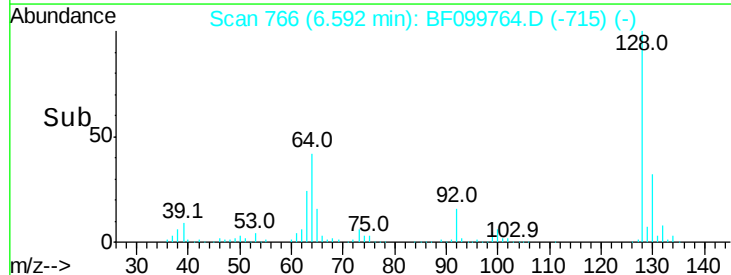
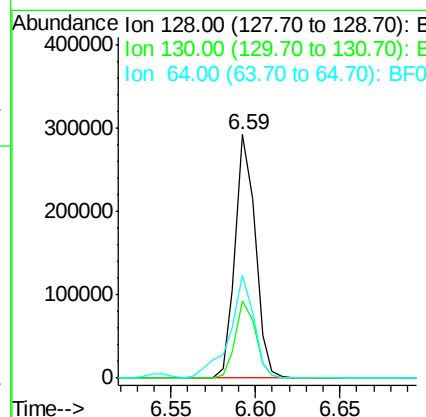
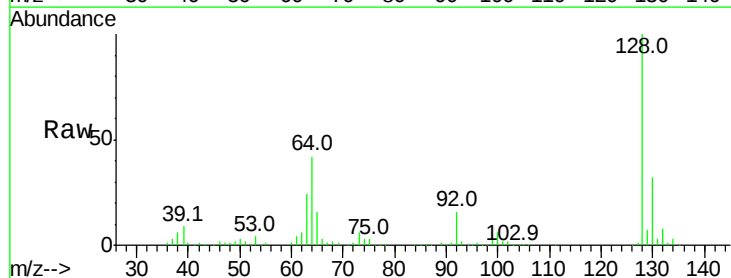
RT: 6.59 min Scan# 766

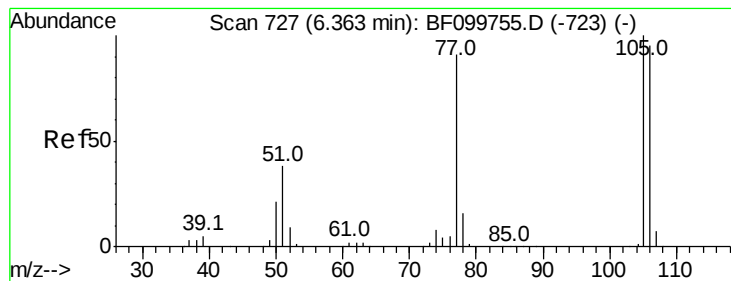
Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Tgt Ion:	128	Resp:	242542
Ion Ratio	Lower	Upper	
128	100		
130	31.6	13.0	53.0
64	42.0	29.4	69.4





#9

Benzaldehyde

Concen: 33.286 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

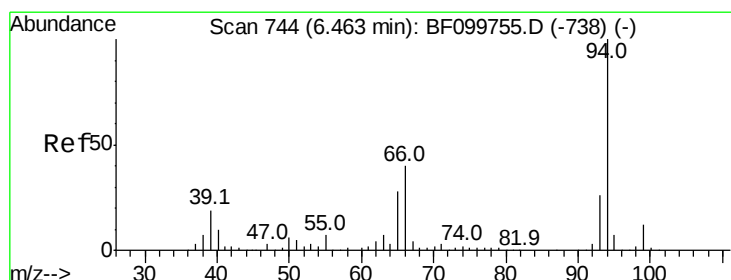
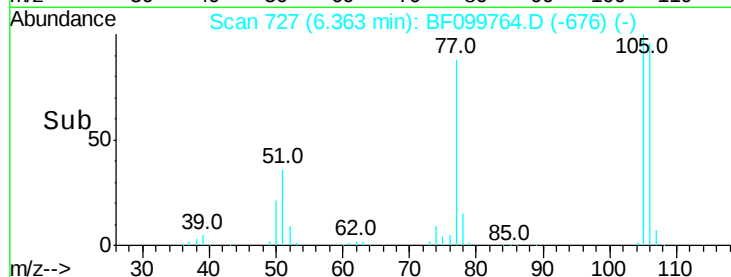
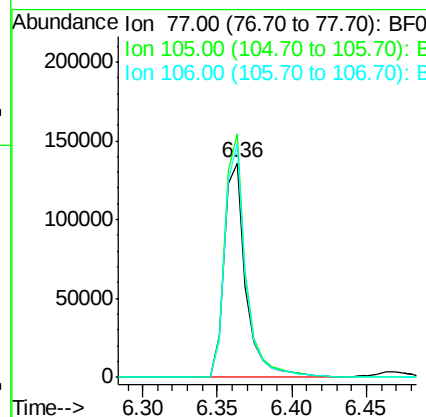
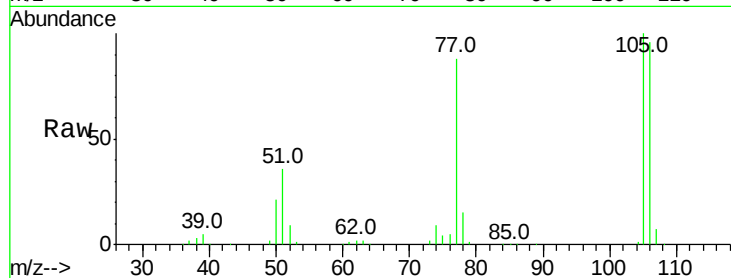
ClientSampleId :

PB103538BS

Tot Ion:	77	Resp:	140322
Ion	Ratio	Lower	Upper
77	100		
105	113.5	81.1	121.1
106	108.5	74.5	114.5

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



#10

Phenol

Concen: 37.225 ng

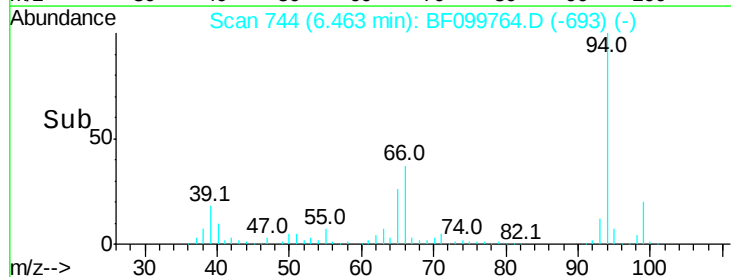
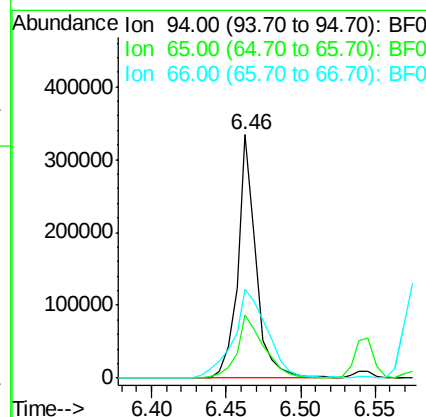
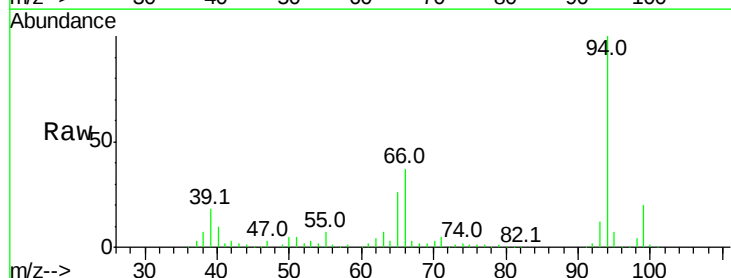
RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Tgt Ion:	94	Resp:	288338
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	36.6	16.2	56.2





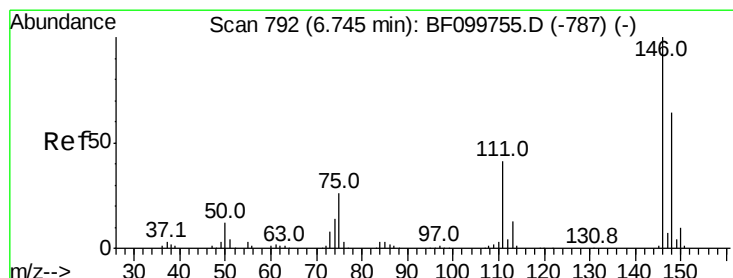
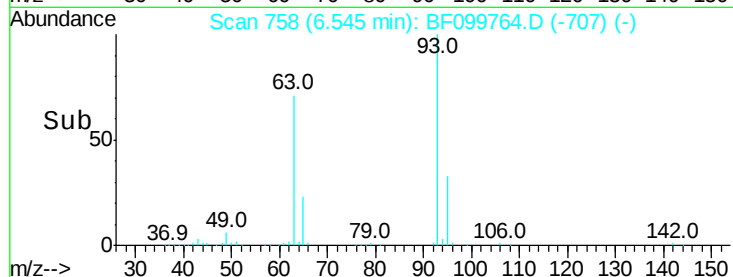
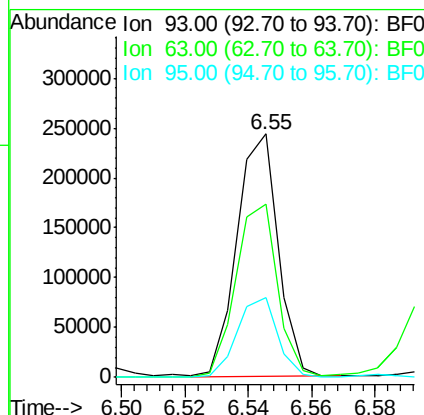
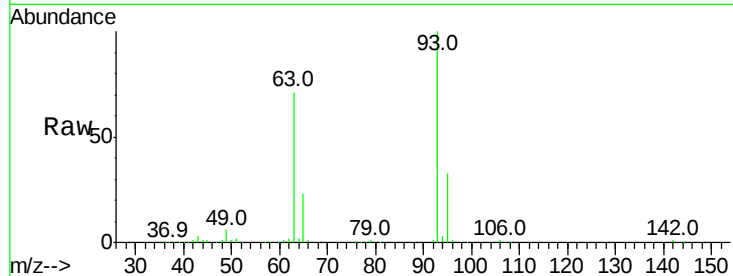
#11
 bis(2-Chloroethyl)ether
 Concen: 36.543 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	58.6	98.6
95	33.0	11.8	51.8

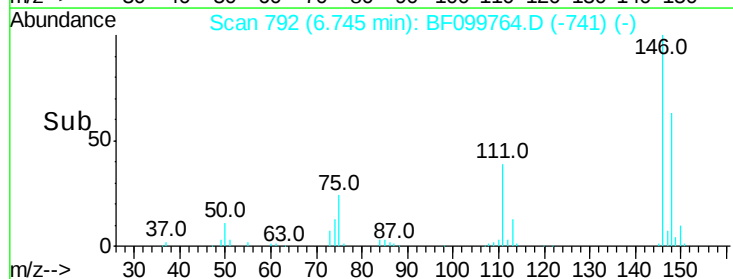
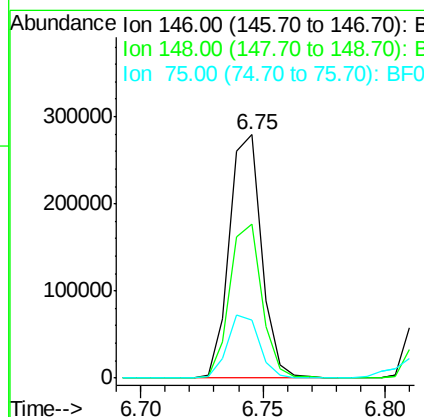
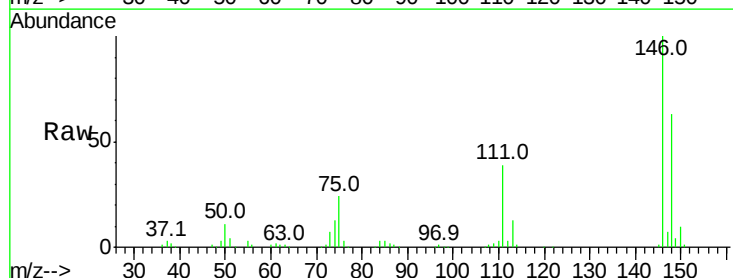
Manual Integrations
 APPROVED

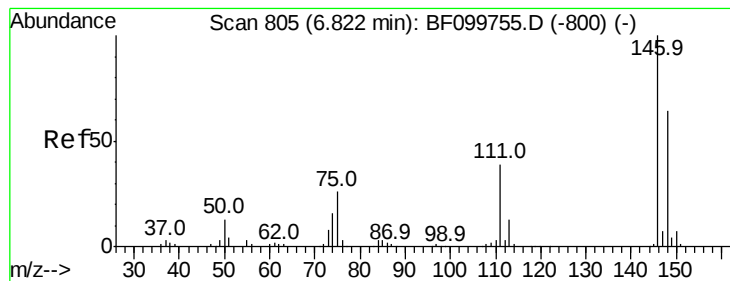
Sohil
 10/24/2017 8:40:59 PM



#12
 1,3-Dichlorobenzene
 Concen: 35.812 ng m
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	23.7	24.2	36.4#





#13

1,4-Dichlorobenzene

Concen: 36.001 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

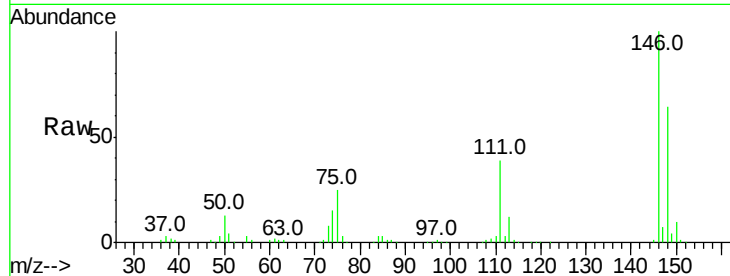
ClientSampleId :

PB103538BS

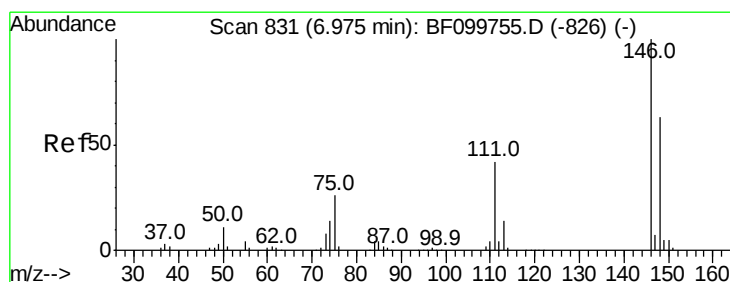
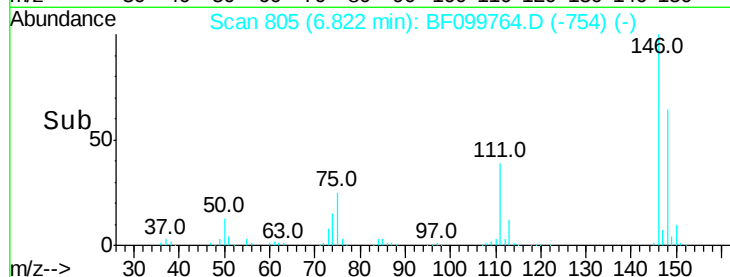
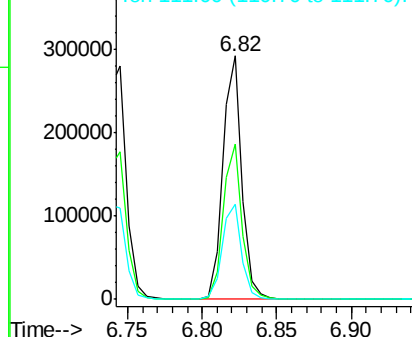
Tot Ion:	146	Resp:	260155
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	38.9	34.2	51.2

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.321 ng

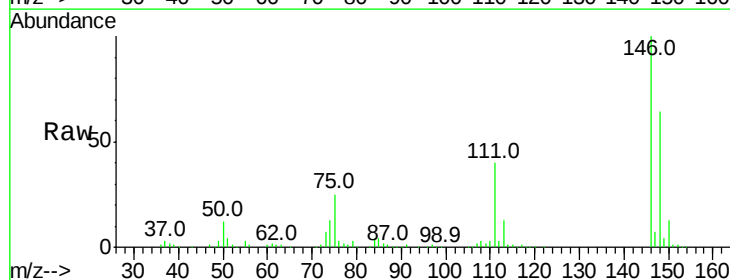
RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

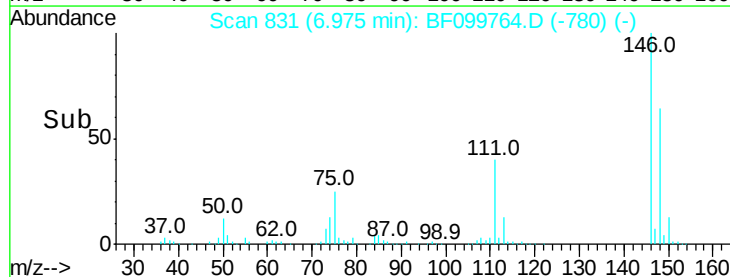
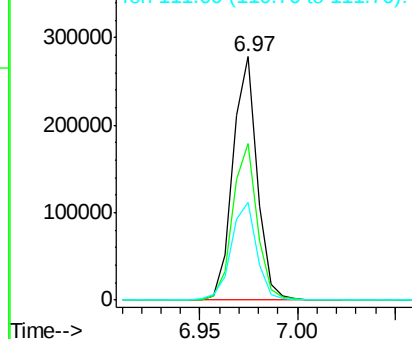
Lab File: BF099764.D

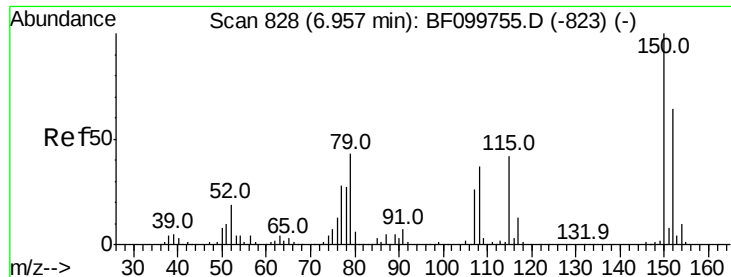
Acq: 23 Oct 2017 17:40

Tgt Ion:	146	Resp:	239209
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	40.1	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





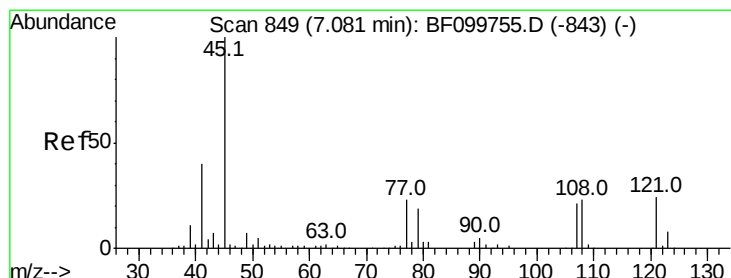
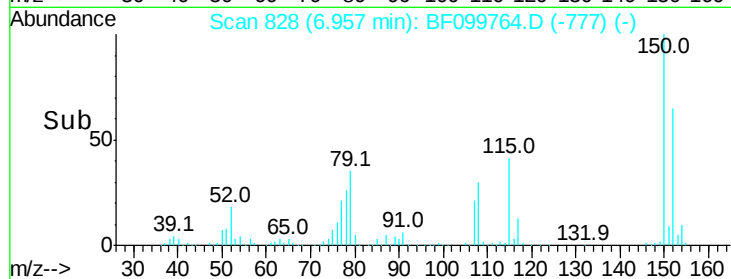
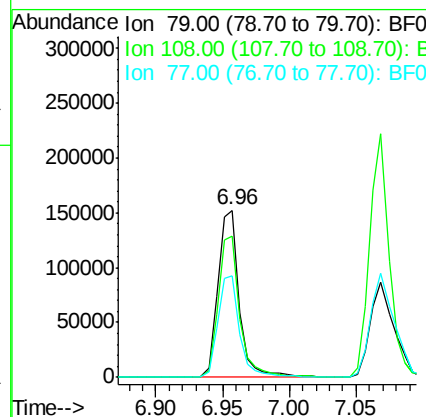
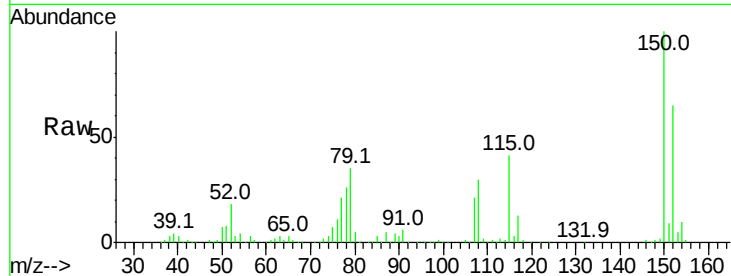
#15
Benzyl Alcohol
Concen: 38.428 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.9	65.1	97.7
77	60.5	50.6	75.8

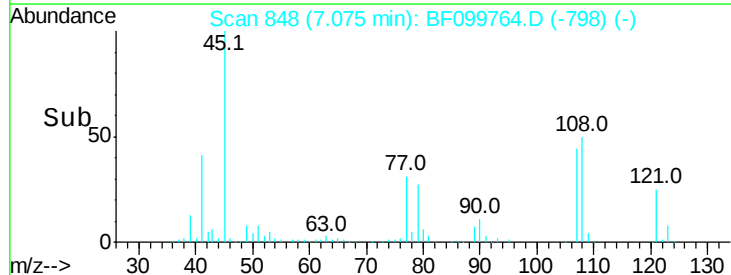
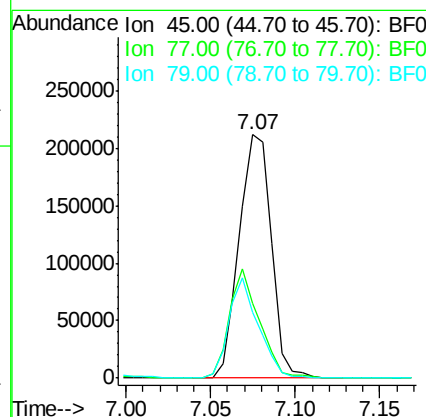
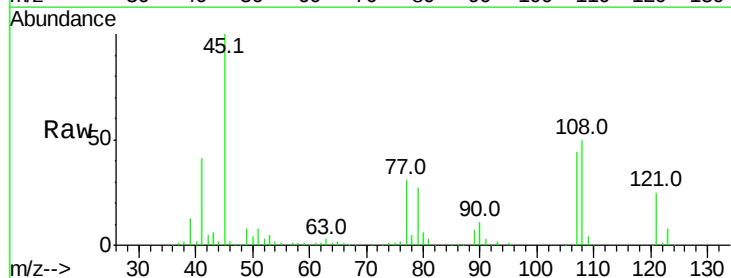
Manual Integrations
APPROVED

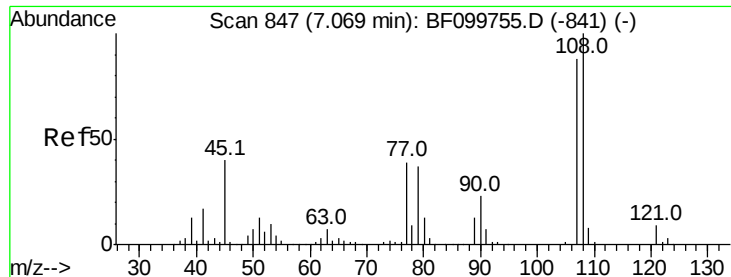
Sohil
10/24/2017 8:40:59 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.441 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.6	0.0	32.9
79	27.0	0.0	29.6





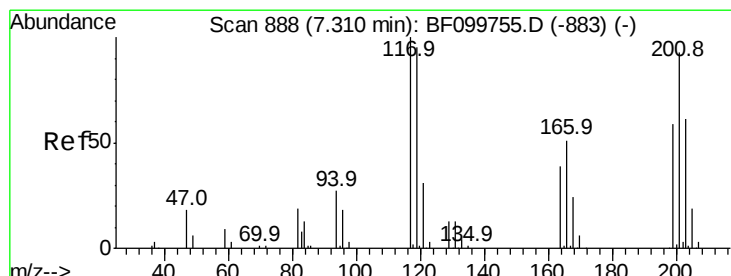
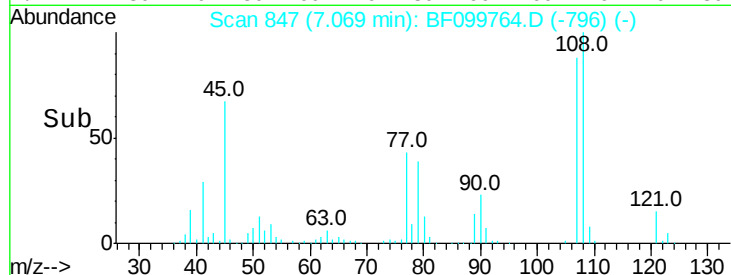
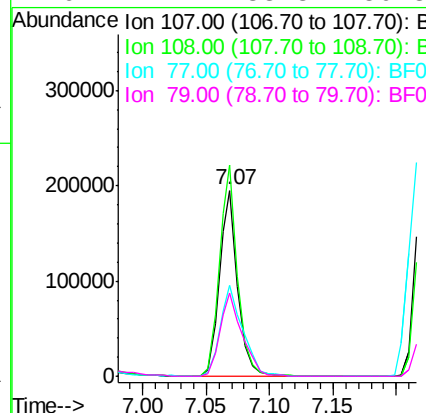
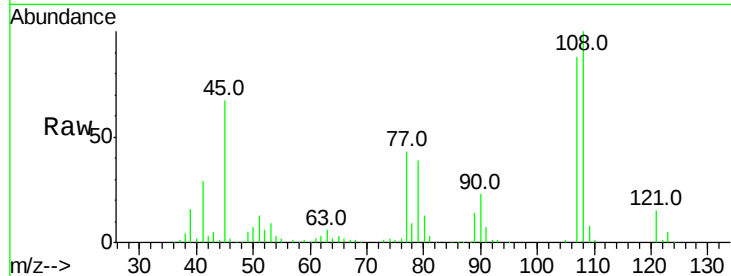
#17
2-Methylphenol
Concen: 37.219 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	107	Resp	197419
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.7	137.5
77	48.8	33.8	50.8
79	44.7	33.8	50.8

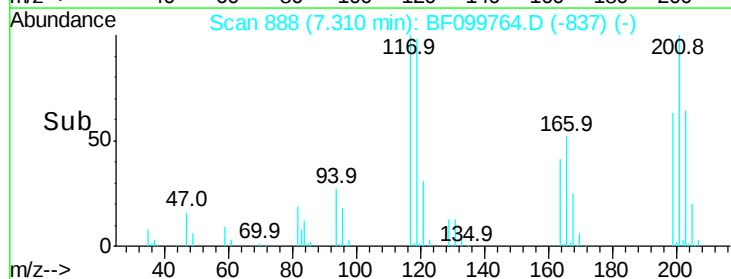
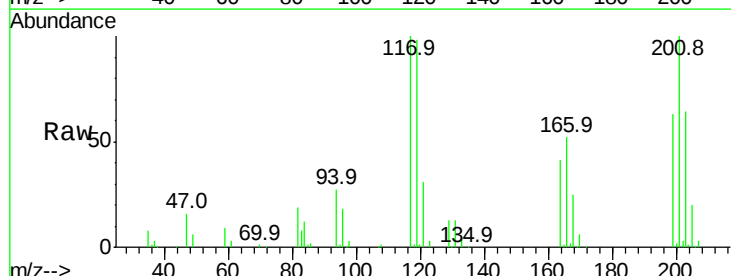
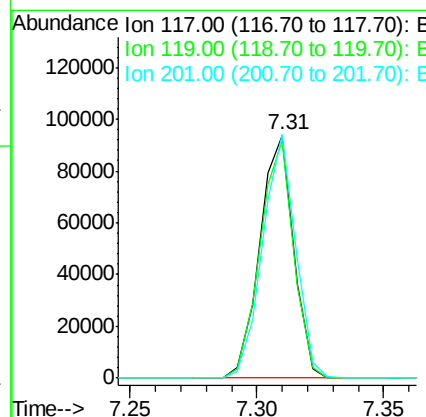
Manual Integrations
APPROVED

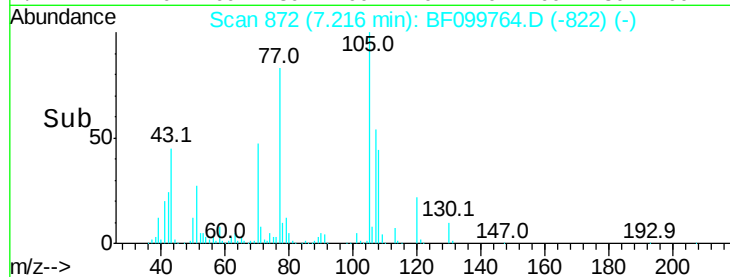
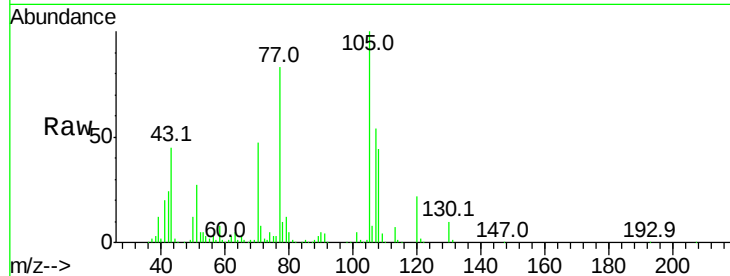
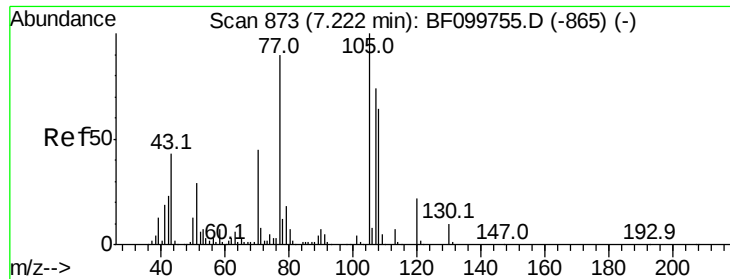
Sohil
10/24/2017 8:40:59 PM



#18
Hexachloroethane
Concen: 35.955 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	117	Resp	86682
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.8	113.8
201	100.5	75.7	113.5





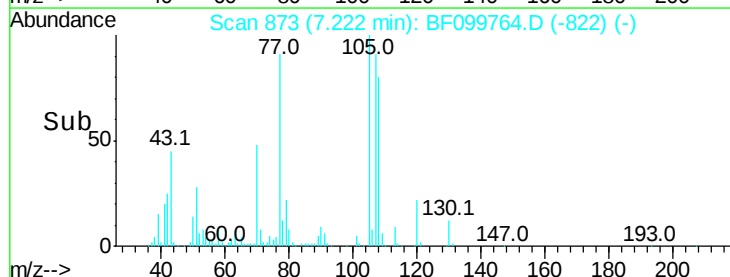
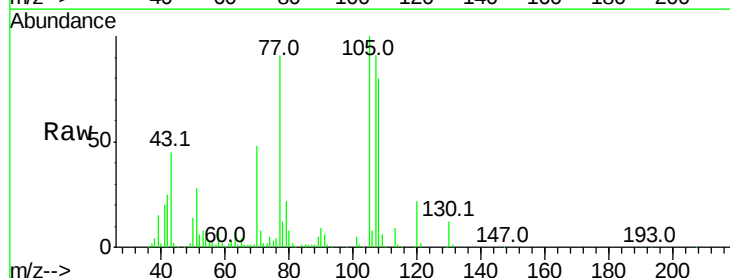
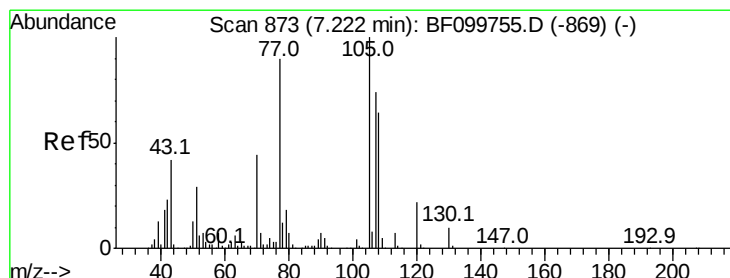
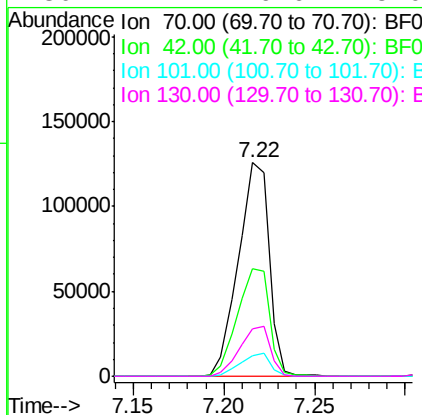
#19
n-Nitroso-di-n-propylamine
Concen: 36.058 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	9.7	7.4	11.2
130	22.2	16.6	25.0

Instrument :
BNA_F
ClientSampleId :
PB103538BS

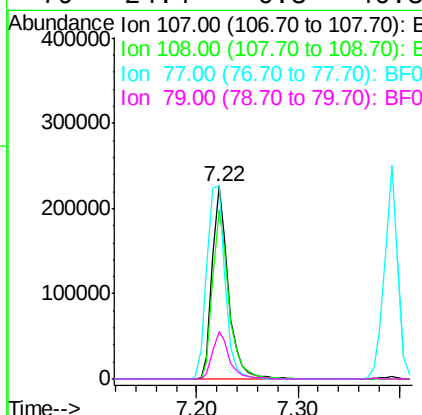
Manual Integrations
APPROVED

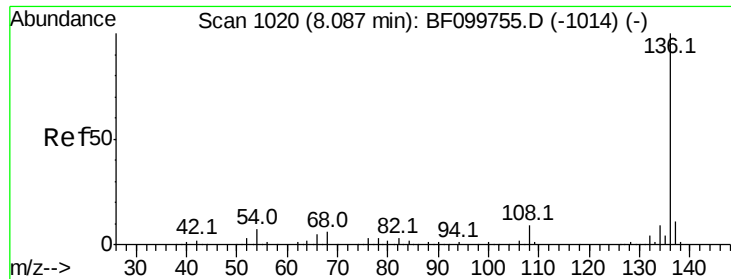
Sohil
10/24/2017 8:40:59 PM



#20
3+4-Methylphenols
Concen: 40.546 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	100.1	26.7	66.7#
79	24.4	6.3	46.3





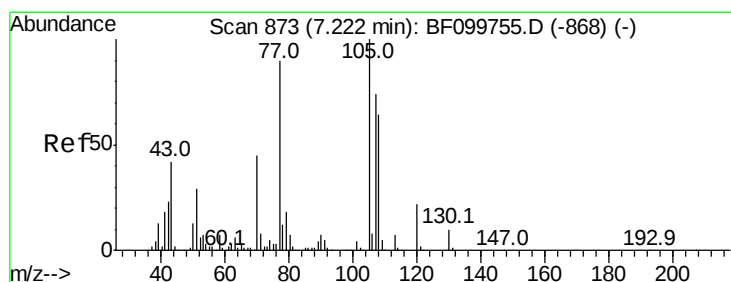
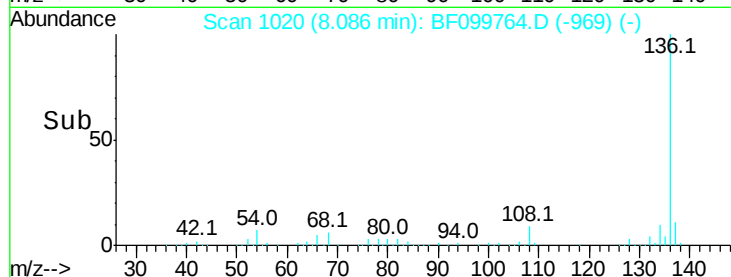
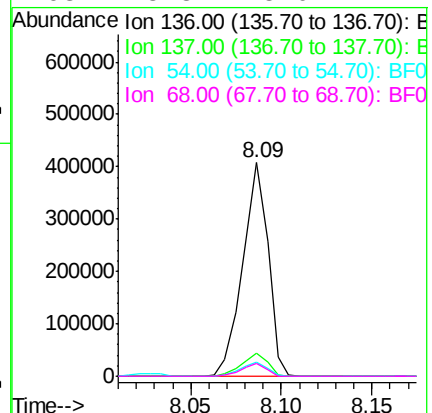
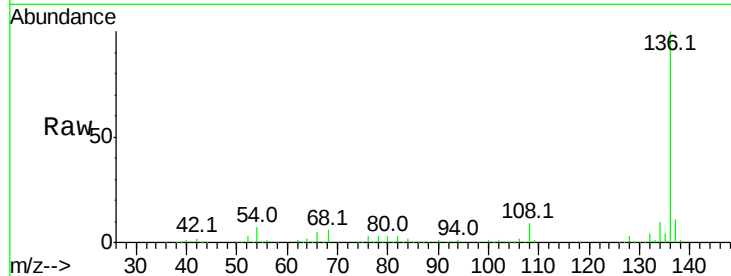
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.6	6.6	9.8	
68	5.8	5.0	7.4	

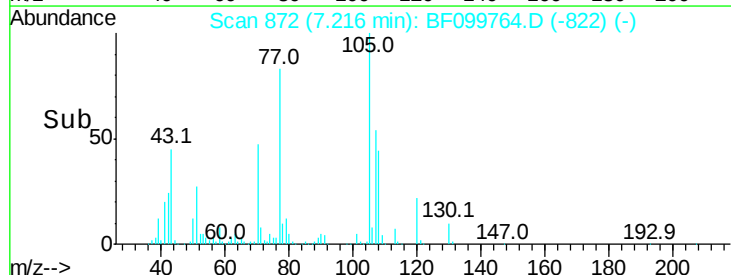
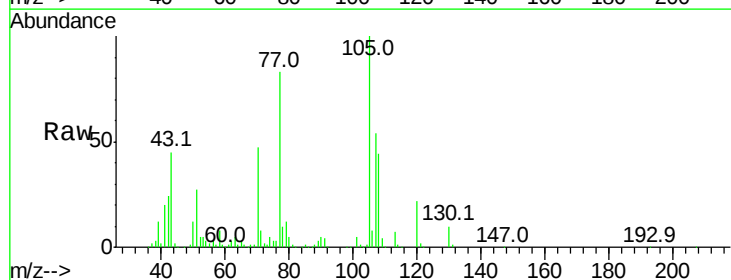
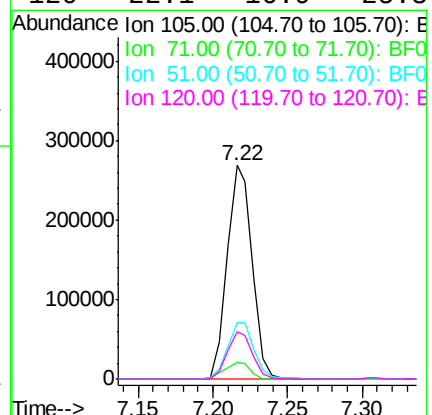
Manual Integrations
APPROVED

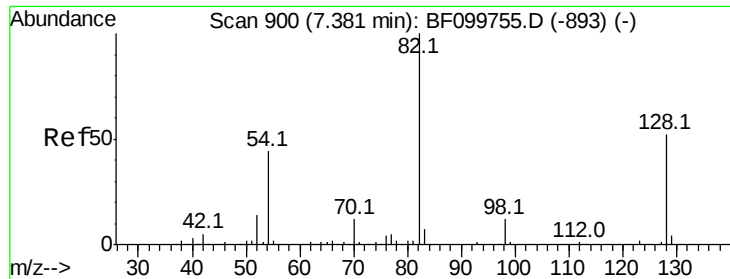
Sohil
10/24/2017 8:40:59 PM



#22
Acetophenone
Concen: 35.018 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.1	4.4	6.6#	
51	26.6	22.3	33.5	
120	22.1	16.9	25.3	





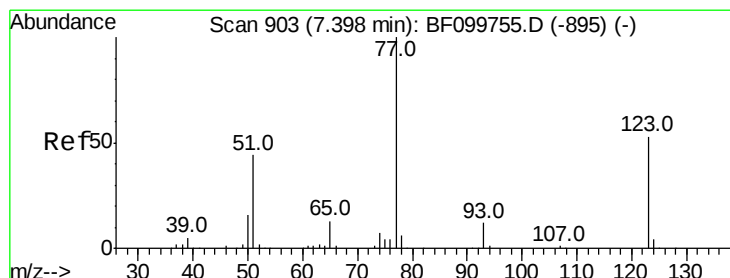
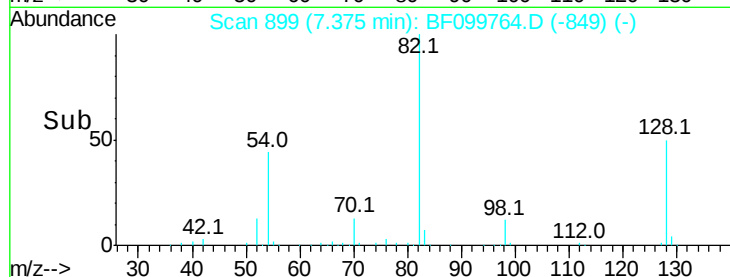
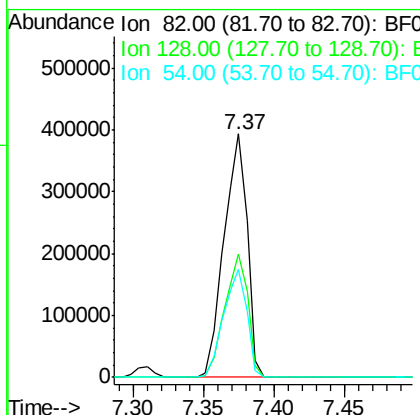
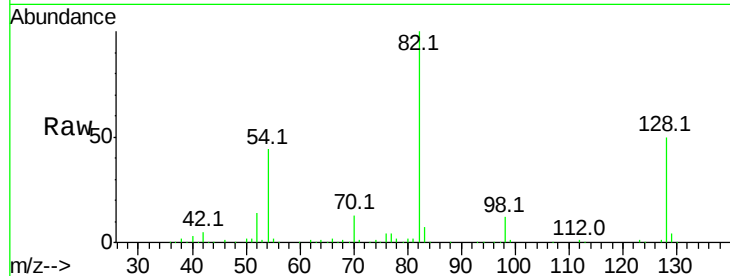
#23
Nitrobenzene-d5
Concen: 72.445 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampled :
PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.5	36.1	54.1	
54	44.2	41.4	62.2	

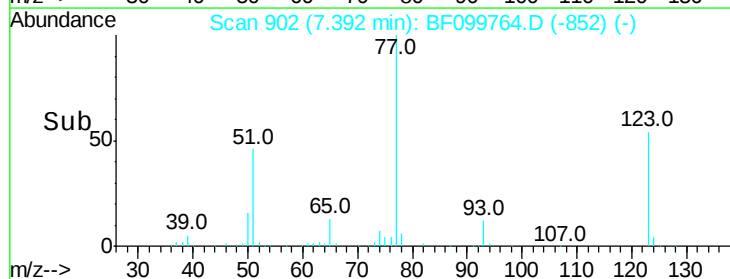
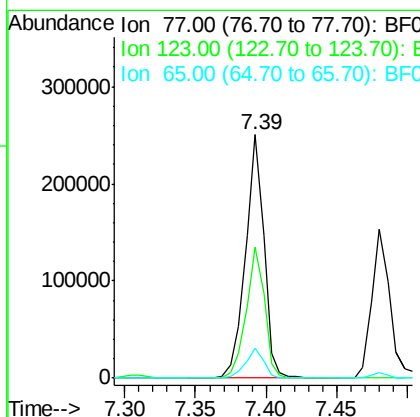
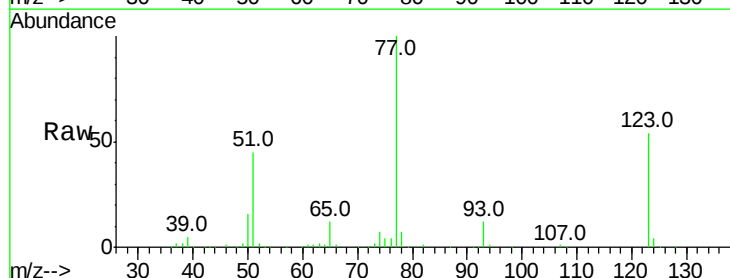
Manual Integrations
APPROVED

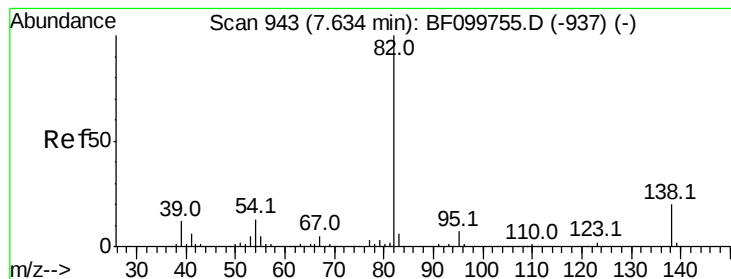
Sohil
10/24/2017 8:40:59 PM



#24
Nitrobenzene
Concen: 36.902 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	53.9	37.9	56.9	
65	12.4	11.0	16.4	





#25

Isophorone

Concen: 40.149 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

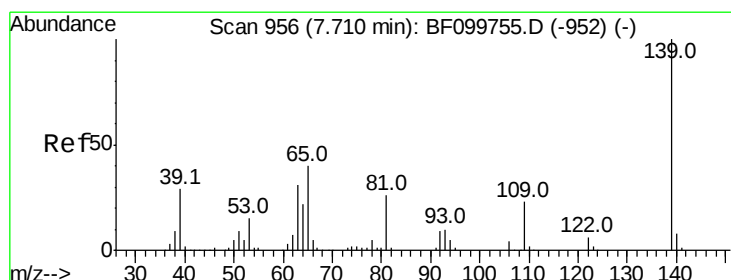
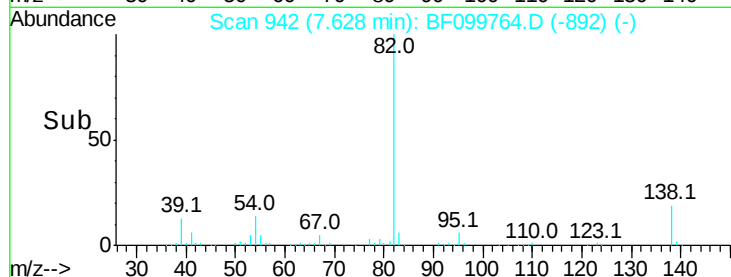
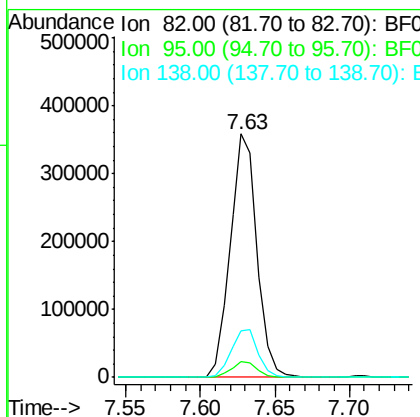
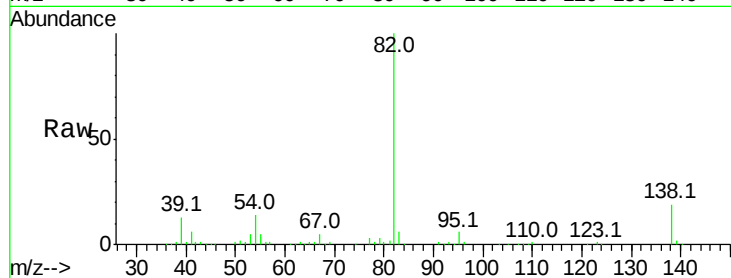
ClientSampleId :

PB103538BS

Tot Ion:	82	Resp:	449838
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



#26

2-Nitrophenol

Concen: 38.453 ng

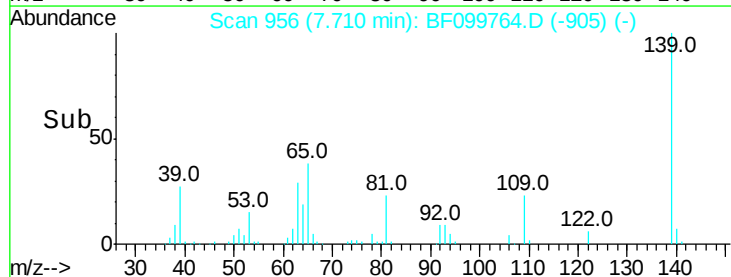
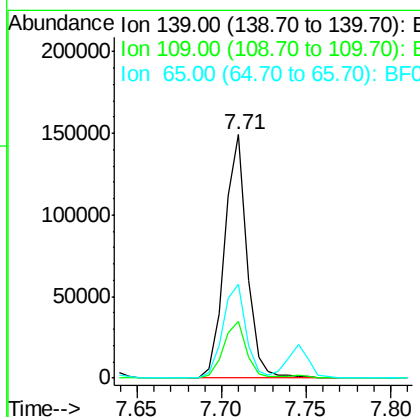
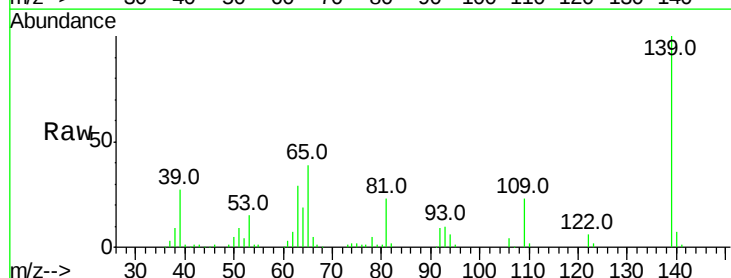
RT: 7.71 min Scan# 956

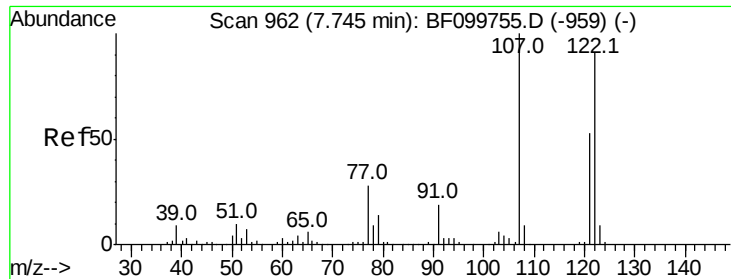
Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Tgt Ion:	139	Resp:	137024
Ion Ratio	Lower	Upper	
139	100		
109	23.4	22.7	34.1
65	38.6	40.5	60.7#





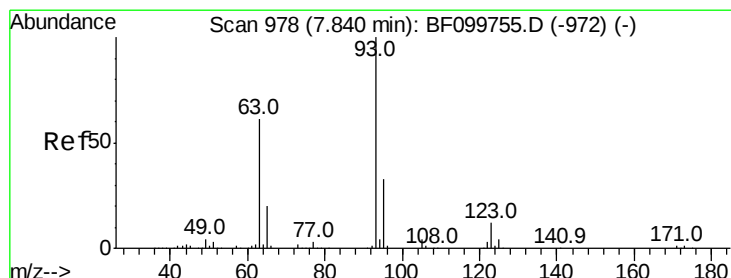
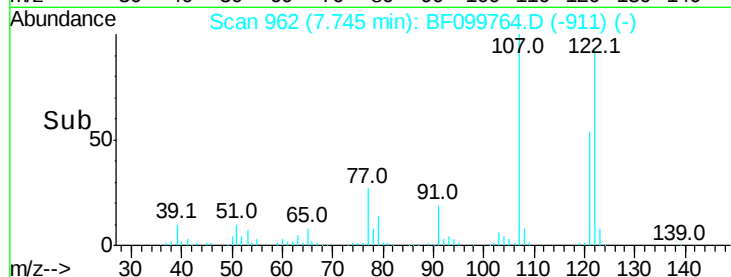
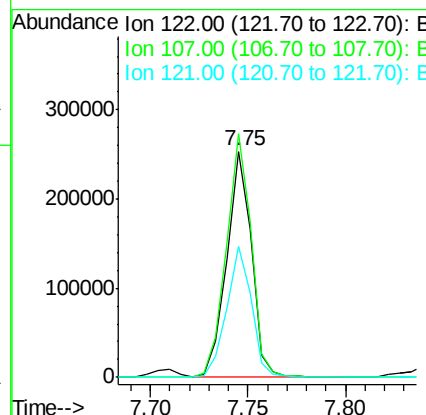
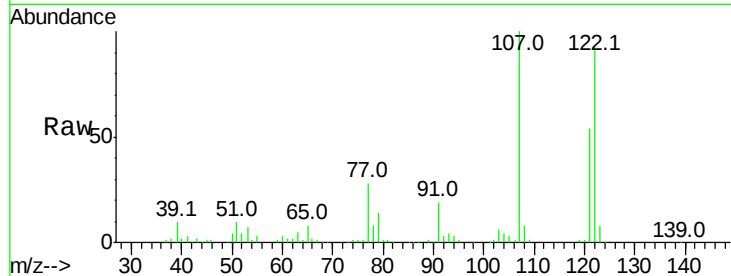
#27
2,4-Dimethylphenol
Concen: 42.584 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	223581		
107	107.6	91.2	136.8	
121	57.8	47.2	70.8	

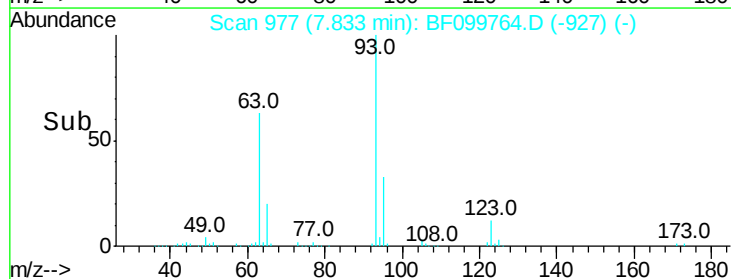
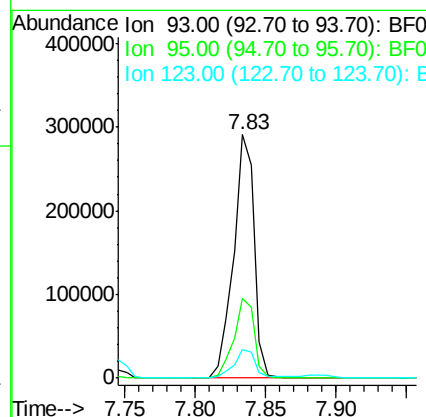
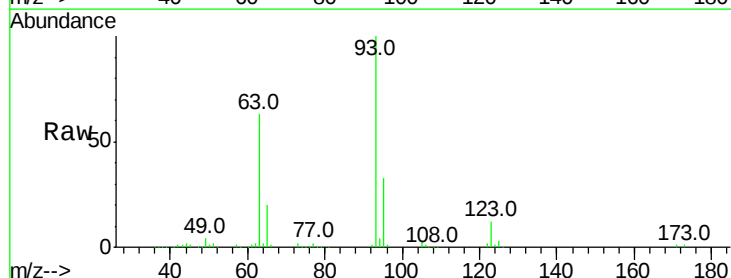
Manual Integrations
APPROVED

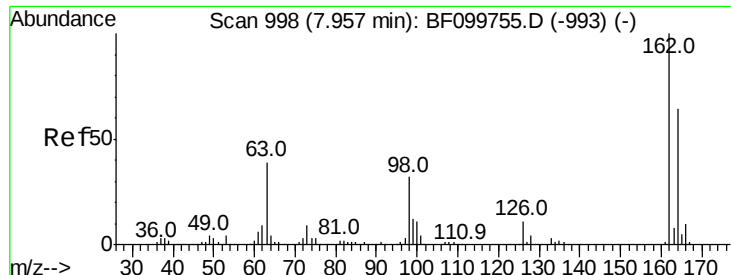
Sohil
10/24/2017 8:40:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.398 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	293452		
95	32.6	26.3	39.5	
123	11.7	9.8	14.6	





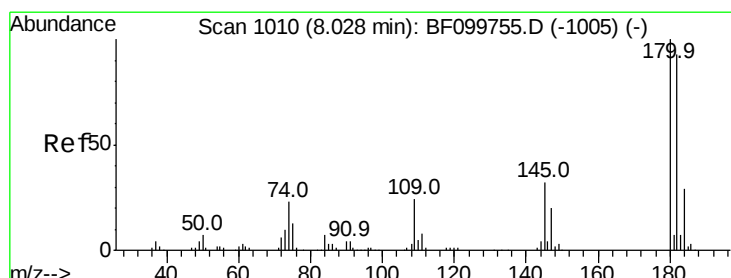
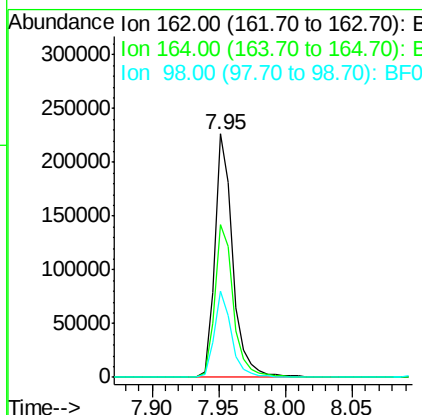
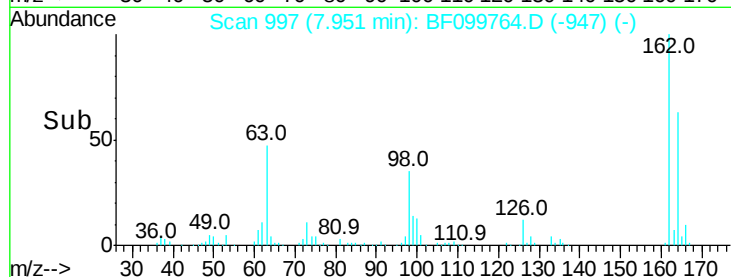
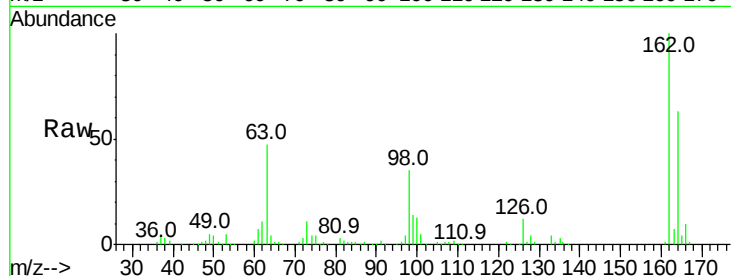
#29
 2,4-Dichlorophenol
 Concen: 39.555 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion:	162	Resp:	215737
Ion Ratio	Lower	Upper	
162	100		
164	62.6	42.7	82.7
98	35.3	18.1	58.1

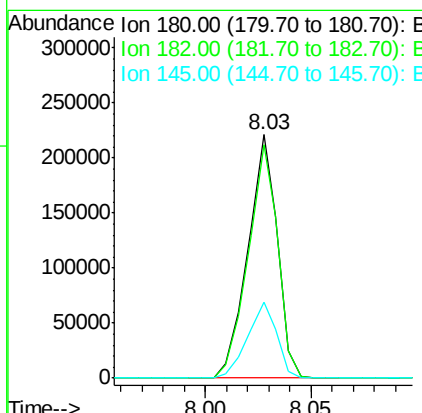
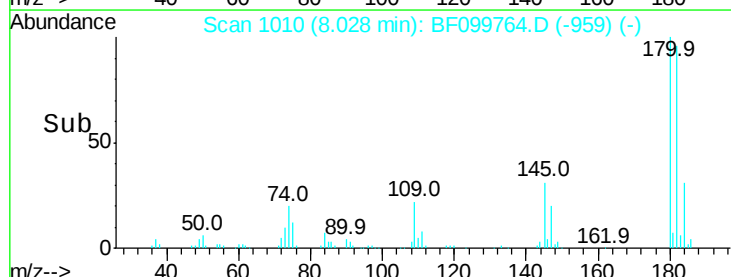
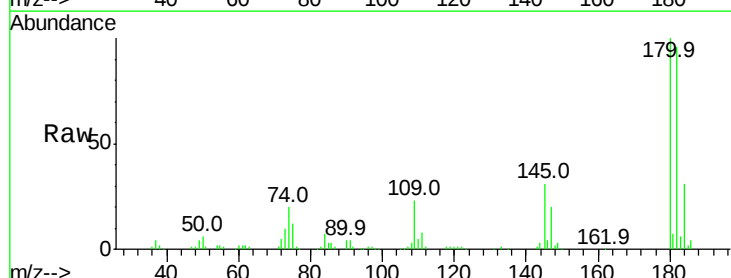
Manual Integrations
 APPROVED

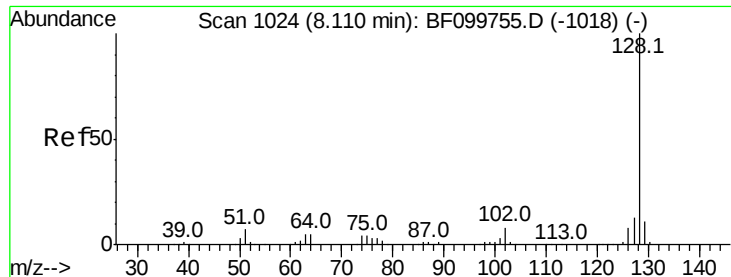
Sohil
 10/24/2017 8:40:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.687 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion:	180	Resp:	213798
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	31.2	26.5	39.7





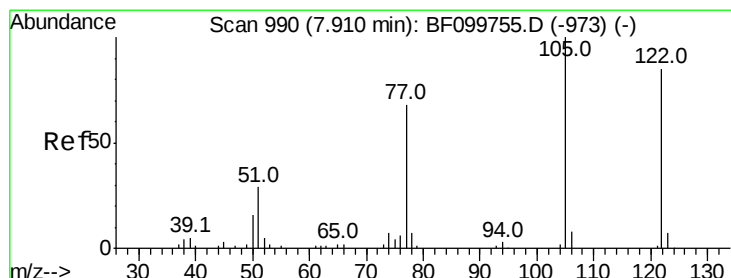
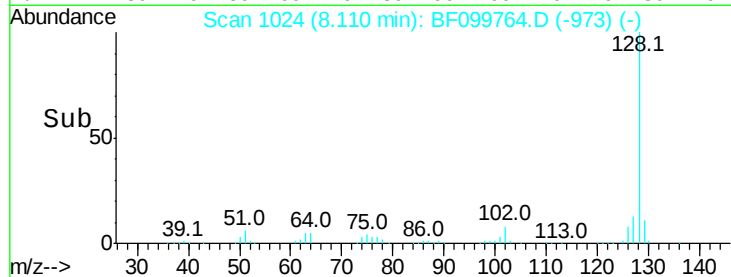
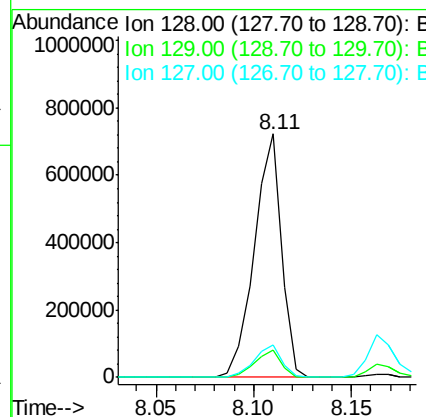
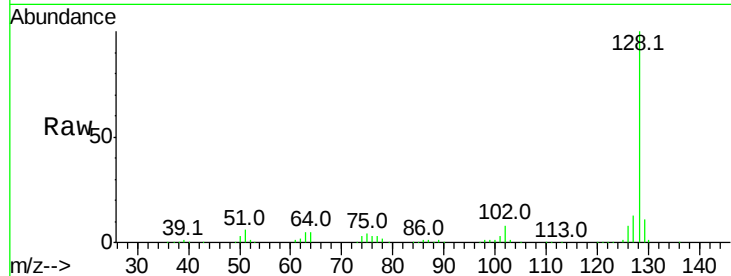
#31
Naphthalene
Concen: 36.236 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

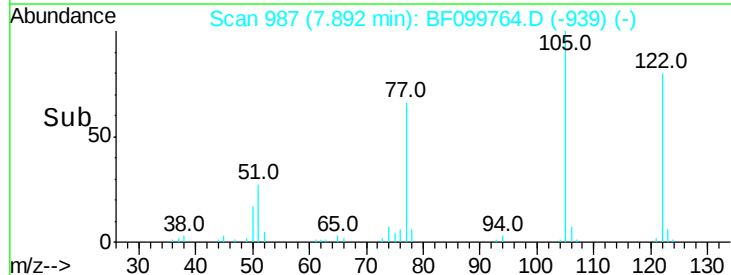
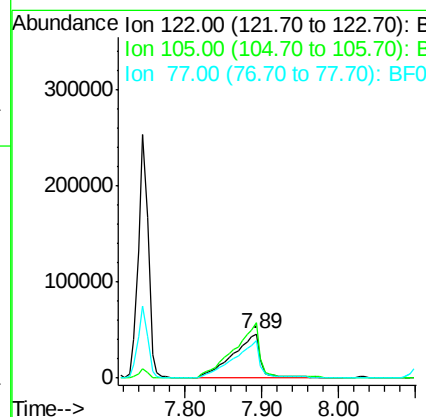
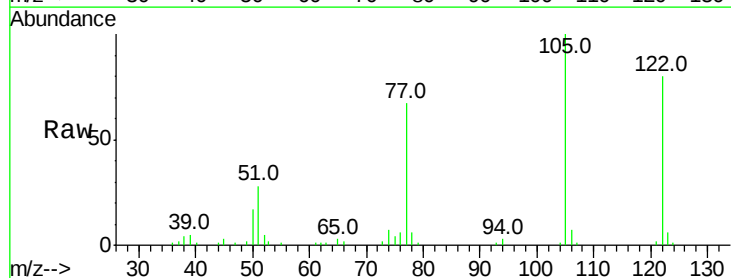
Manual Integrations
APPROVED

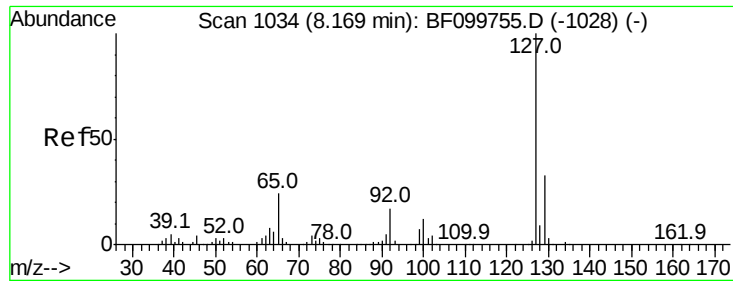
Sohil
10/24/2017 8:40:59 PM



#32
Benzoic acid
Concen: 26.004 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	124.6	101.1	141.1
77	83.7	70.7	110.7





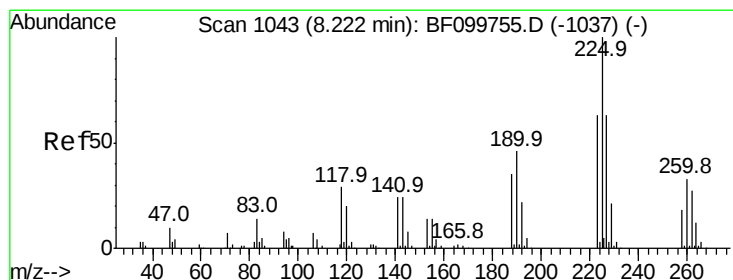
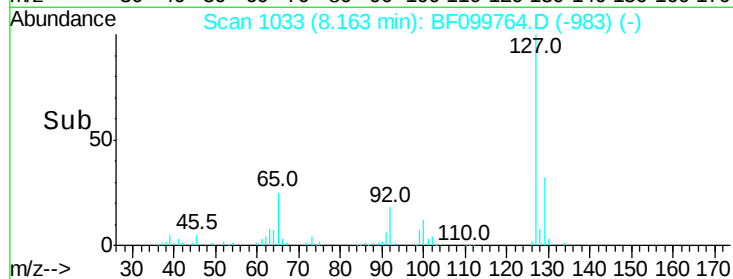
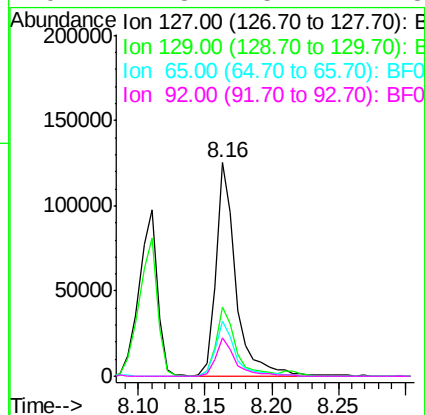
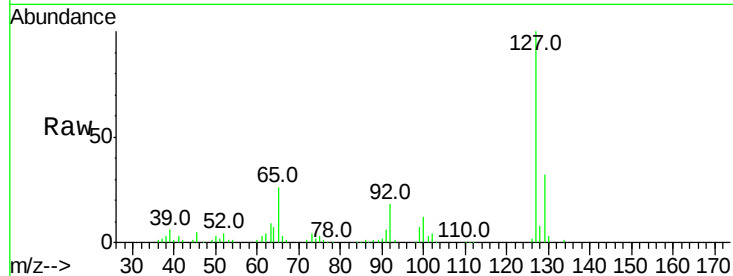
#33
4-Chloroaniline
Concen: 16.499 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.9	38.9	
65	25.5	25.0	37.4	
92	17.8	15.2	22.8	

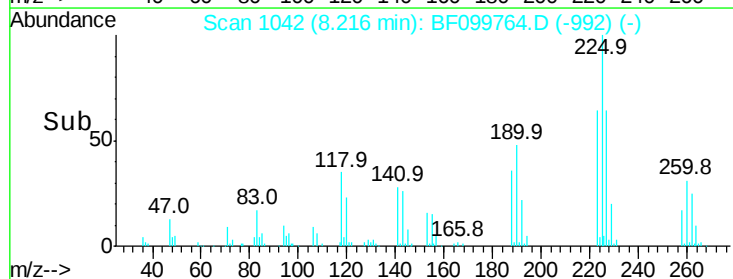
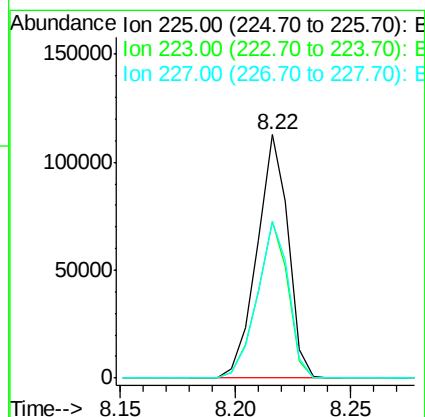
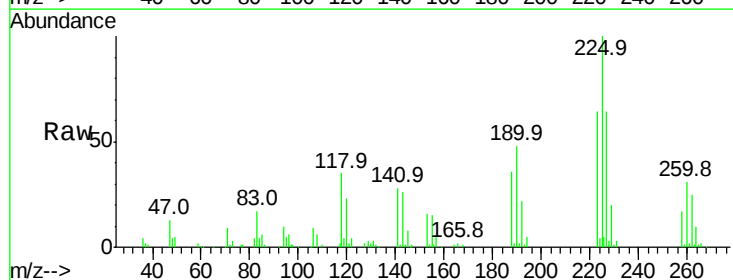
Manual Integrations
APPROVED

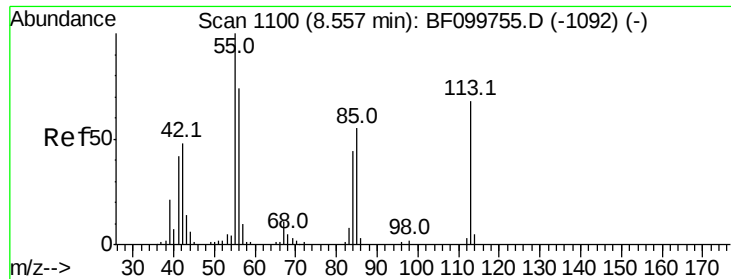
Sohil
10/24/2017 8:40:59 PM



#34
Hexachlorobutadiene
Concen: 35.400 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	50.6	76.0	
227	64.4	51.9	77.9	





#35

Caprolactam

Concen: 40.469 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

ClientSampleID :

PB103538BS

Tot Ion: 113 Resp: 69412

Ion Ratio Lower Upper

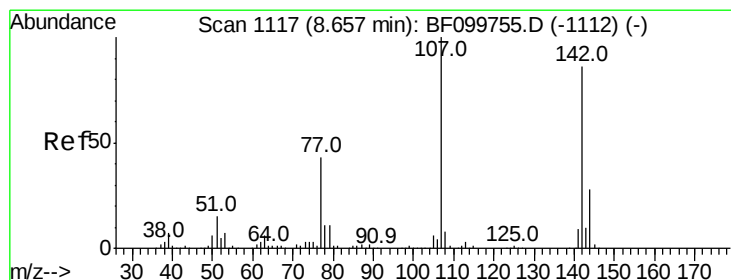
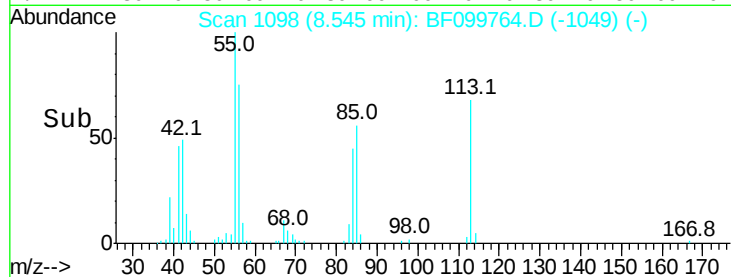
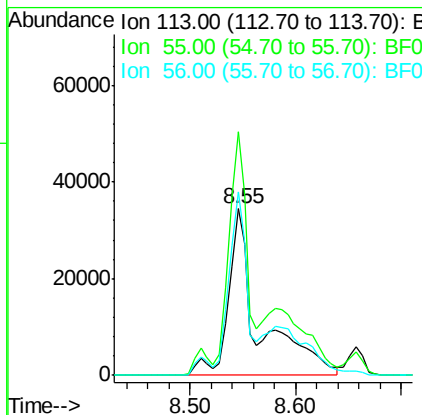
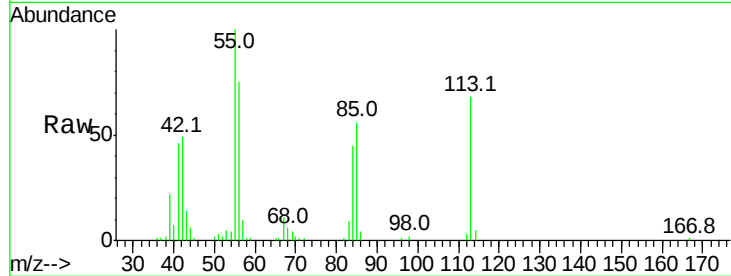
113 100

55 146.5 163.3 203.3#

56 110.5 115.7 155.7#

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



#36

4-Chloro-3-methylphenol

Concen: 39.654 ng/mL

RT: 8.66 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

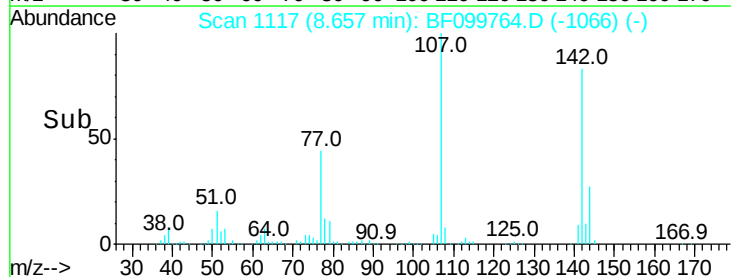
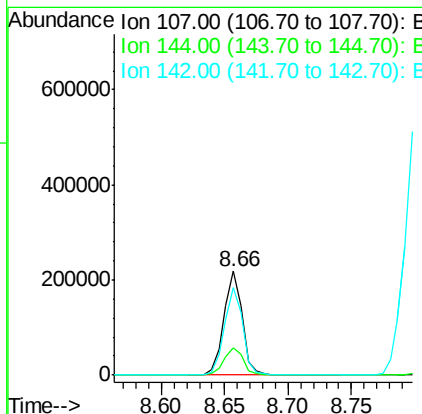
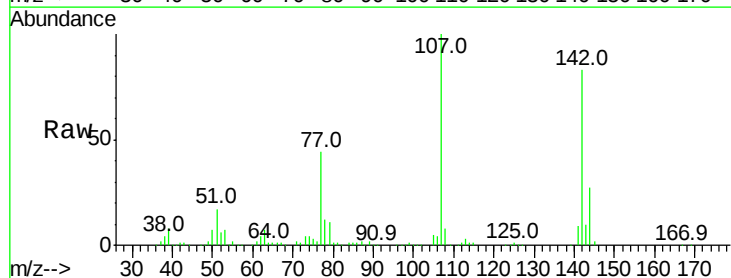
Tgt Ion: 107 Resp: 220753

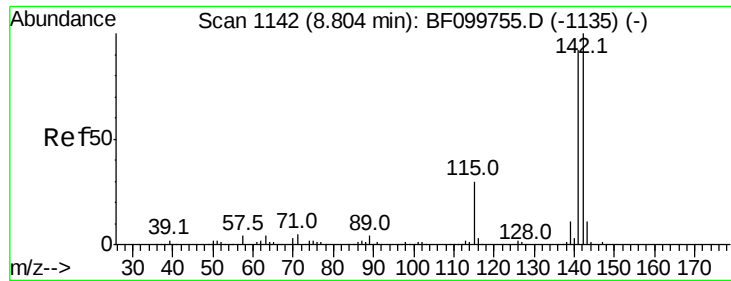
Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

142 83.5 62.0 93.0





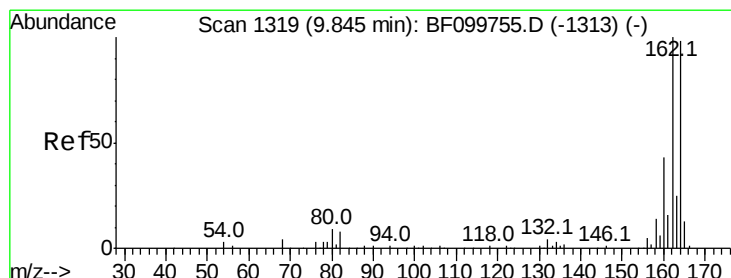
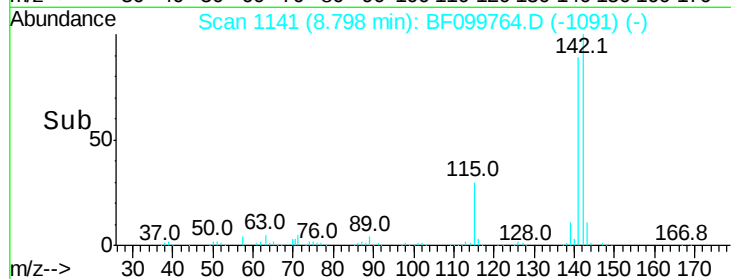
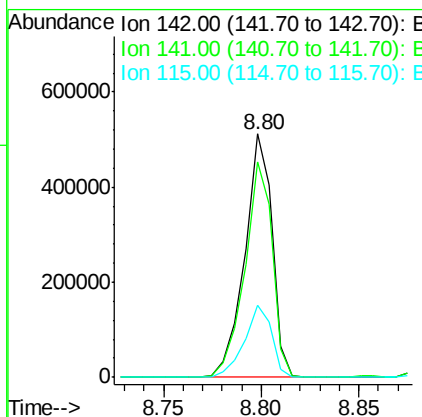
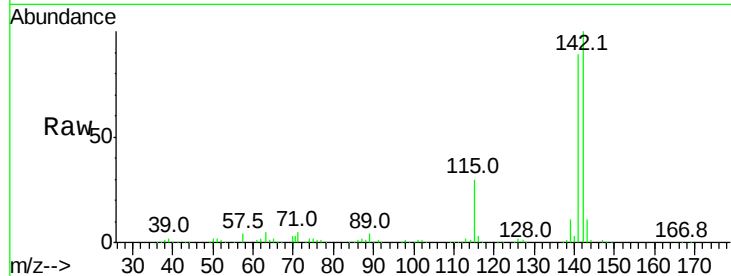
#37
2-Methylnaphthalene
Concen: 38.827 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	29.7	26.1	39.1

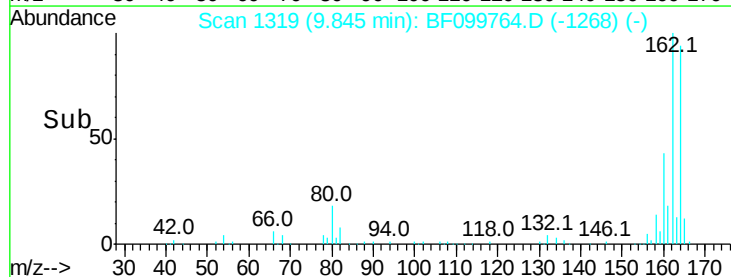
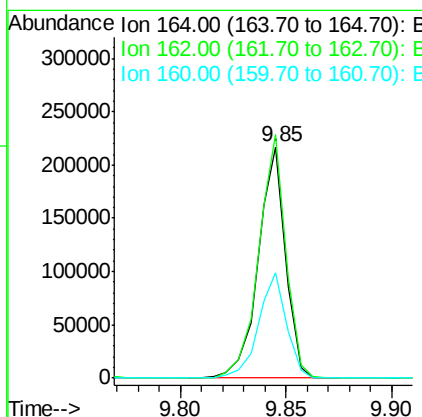
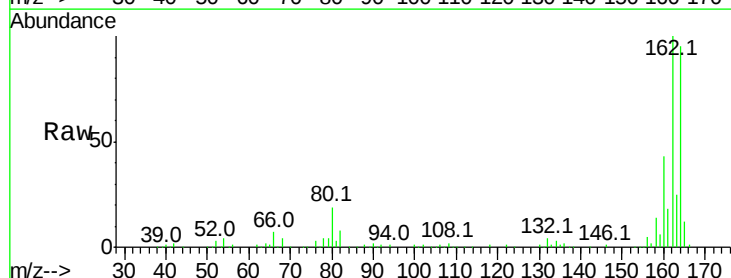
Manual Integrations
APPROVED

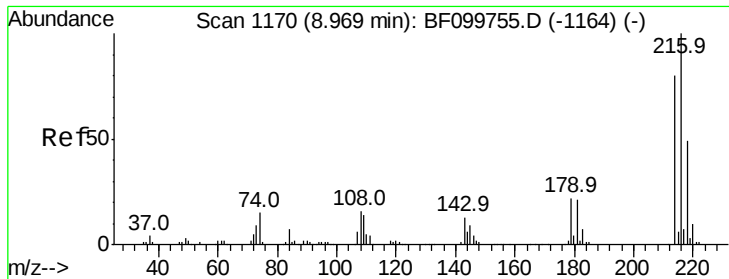
Sohil
10/24/2017 8:40:59 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.5	38.3	57.5





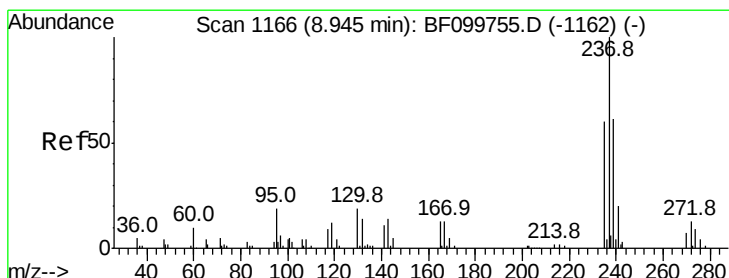
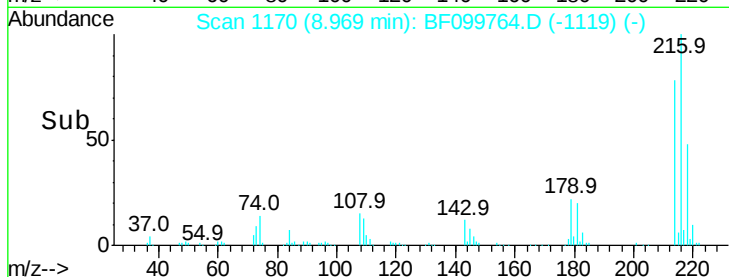
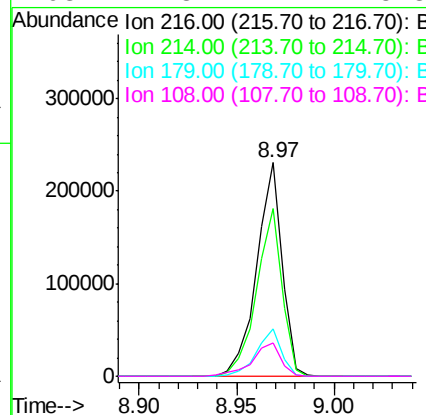
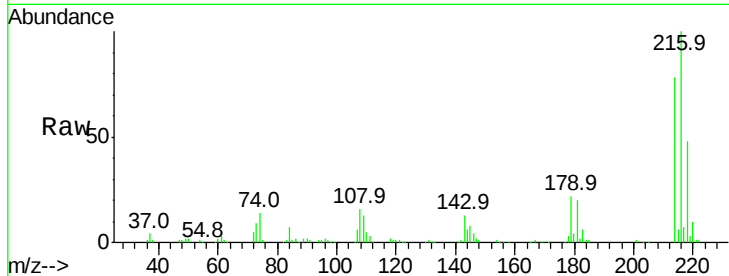
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.090 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	208011		
214	78.8	63.0	94.4	
179	21.6	18.1	27.1	
108	17.8	17.2	25.8	

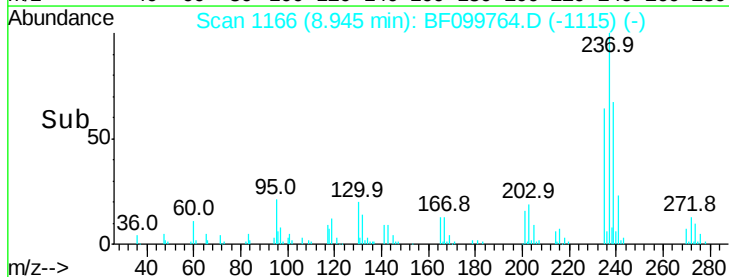
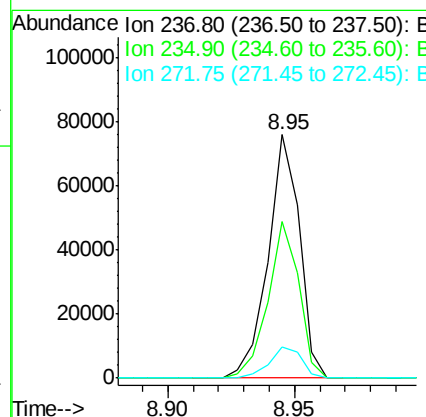
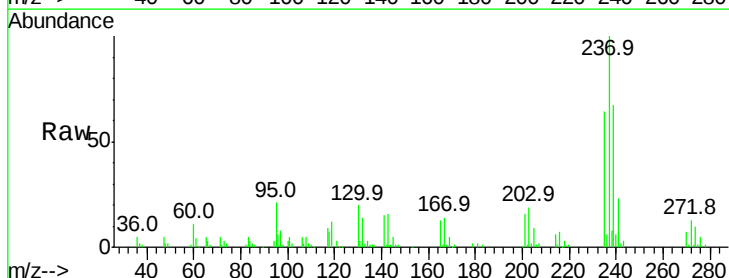
Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM



#40
 Hexachlorocyclopentadiene
 Concen: 56.756 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	66378		
235	64.3	44.8	84.8	
272	12.7	0.0	33.3	





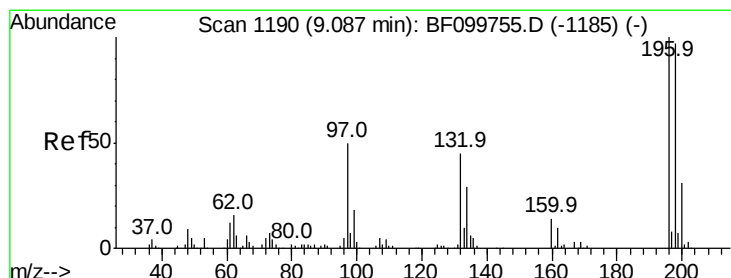
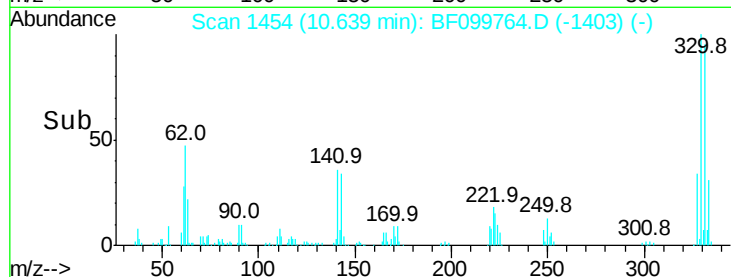
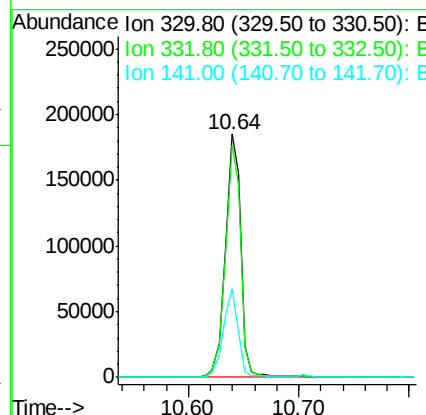
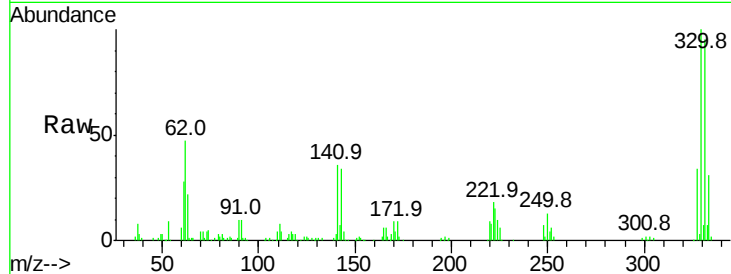
#41
 2,4,6-Tribromophenol
 Concen: 102.831 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleID :
 PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	34.7	29.9	44.9	

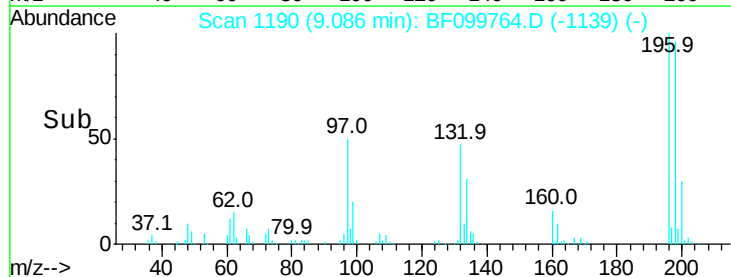
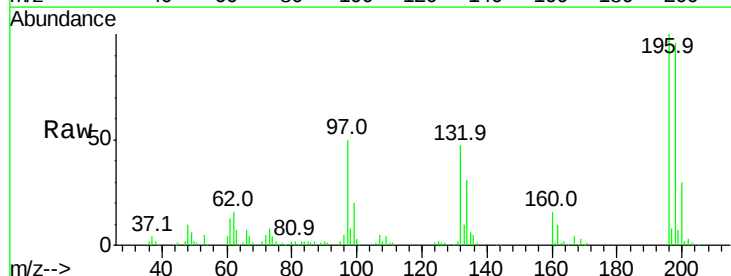
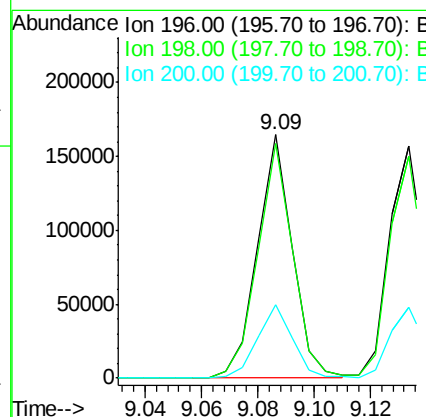
Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.293 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.4	75.7	113.5	
200	30.3	24.5	36.7	





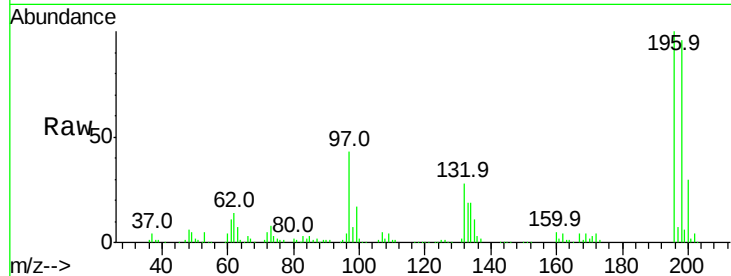
#43
 2,4,5-Trichlorophenol
 Concen: 37.689 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

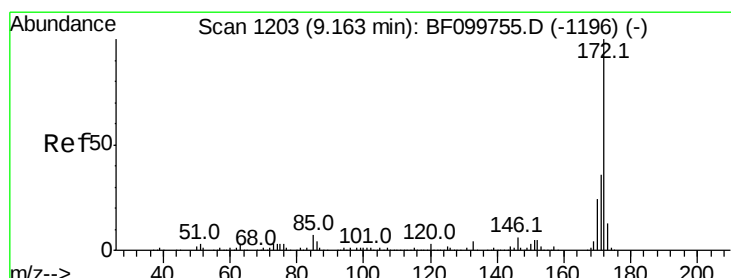
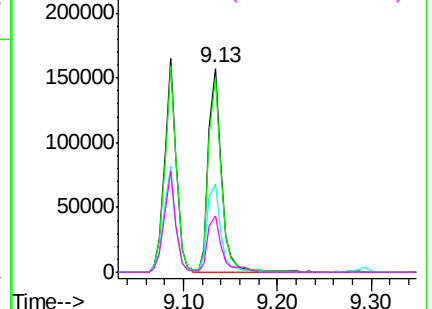
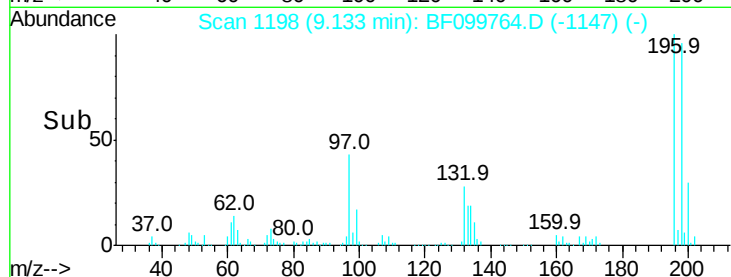
Tot Ion	Ratio	Resp	Lower	Upper
196	100	152076		
198	95.6	74.6	112.0	
97	43.2	42.9	64.3	
132	27.8	26.3	39.5	

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM

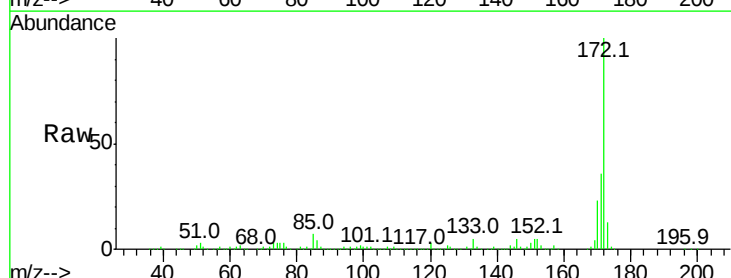


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

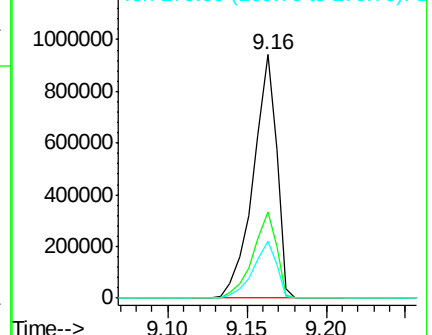
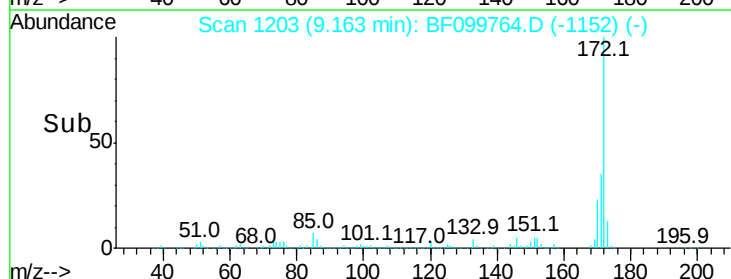


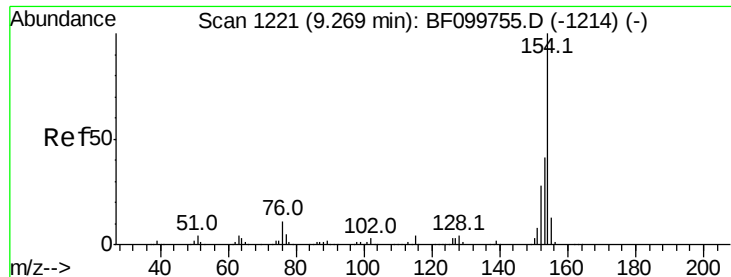
#44
 2-Fluorobiphenyl
 Concen: 76.275 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	962244		
171	35.5	29.7	44.5	
170	23.3	19.6	29.4	



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





#45

1,1'-Biphenyl

Concen: 33.468 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

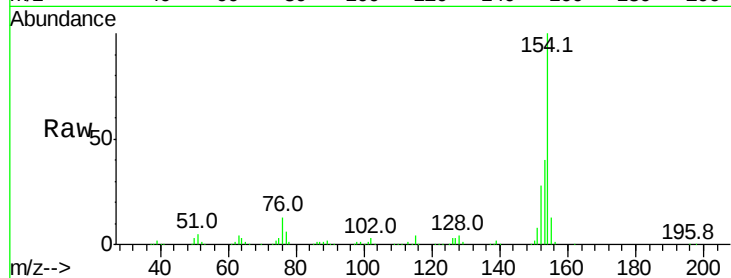
ClientSampleId :

PB103538BS

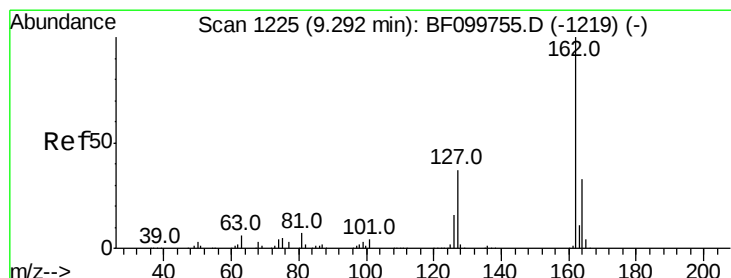
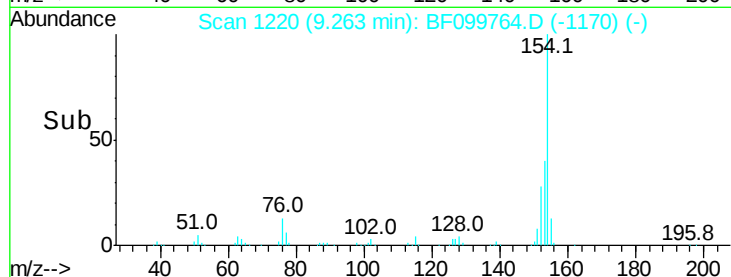
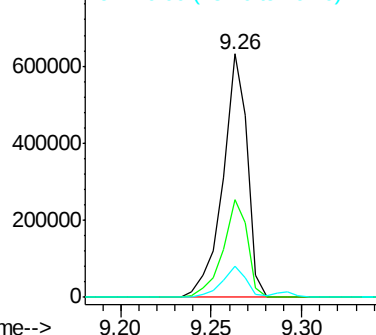
Tot Ion:	154	Resp:	589299
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	13.0	0.0	34.0

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.152 ng

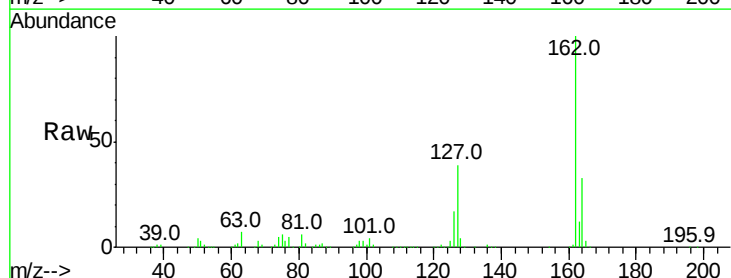
RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

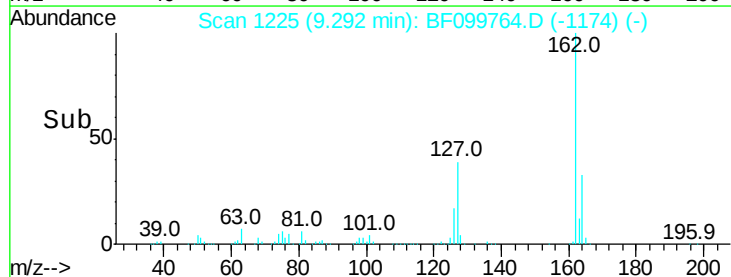
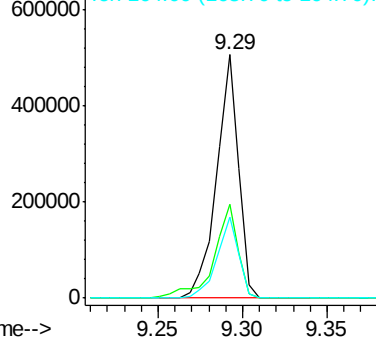
Lab File: BF099764.D

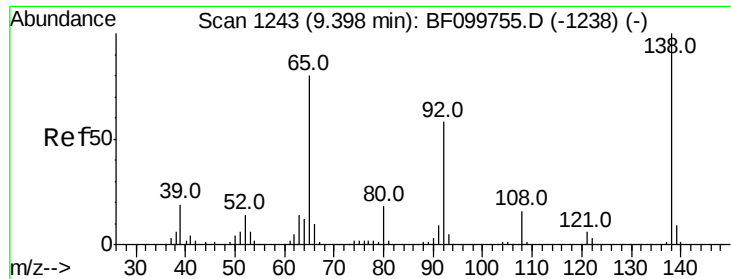
Acq: 23 Oct 2017 17:40

Tgt Ion:	162	Resp:	462284
Ion Ratio	Lower	Upper	
162	100		
127	38.6	33.9	50.9
164	33.2	26.5	39.7



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





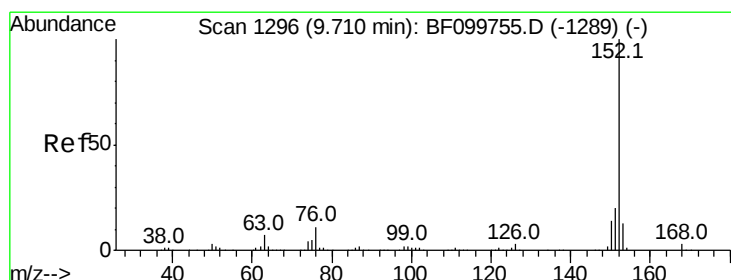
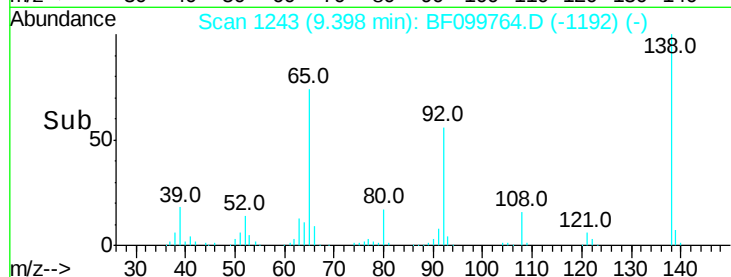
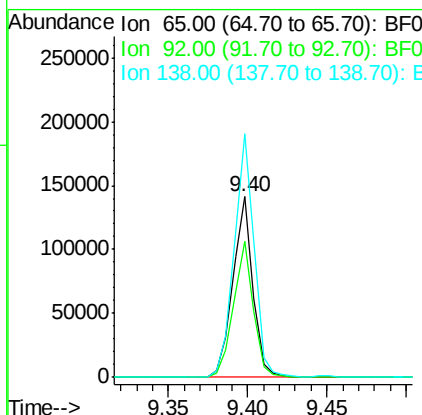
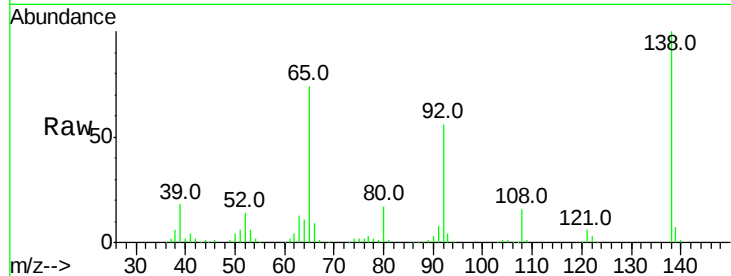
#47
2-Nitroaniline
Concen: 37.025 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleID :
PB103538BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.1	55.8	83.6
138	134.7	91.2	136.8

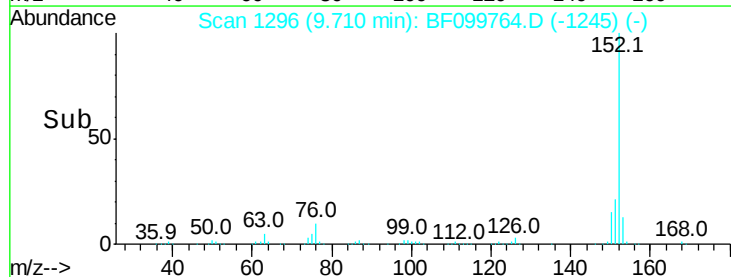
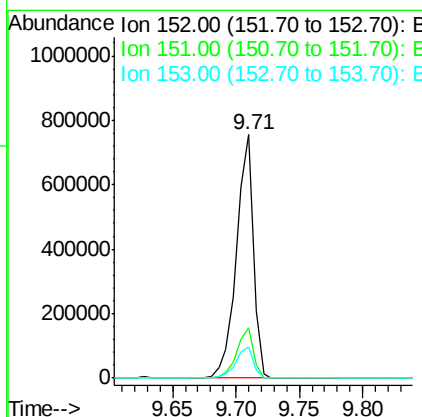
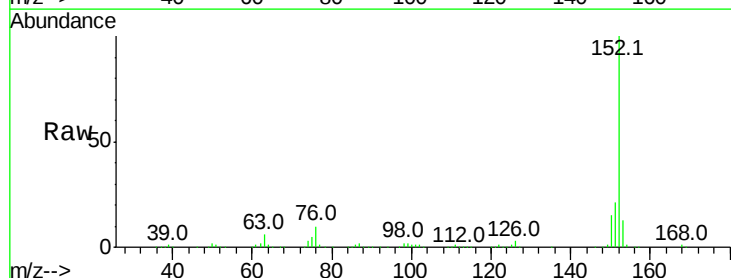
Manual Integrations
APPROVED

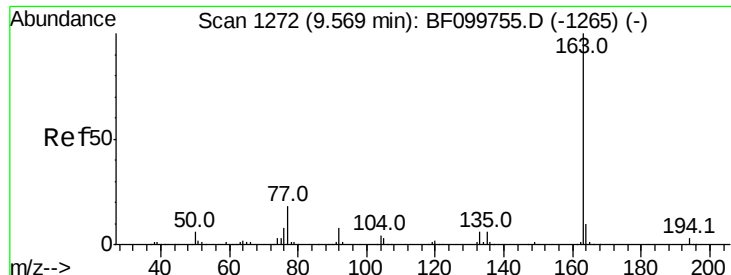
Sohil
10/24/2017 8:40:59 PM



#48
Acenaphthylene
Concen: 35.107 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.0	10.7	16.1





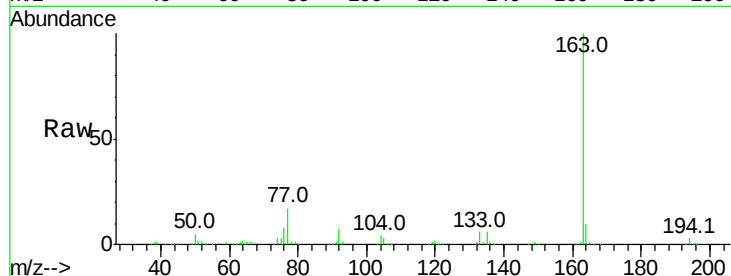
#49
 Dimethylphthalate
 Concen: 36.706 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

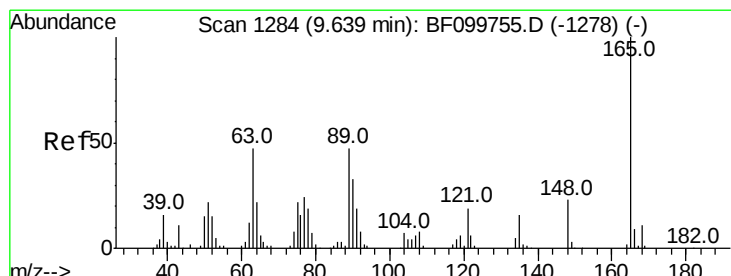
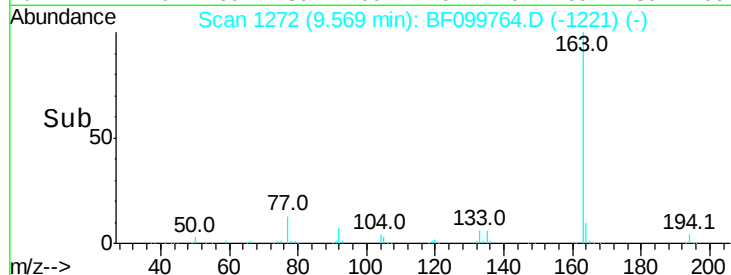
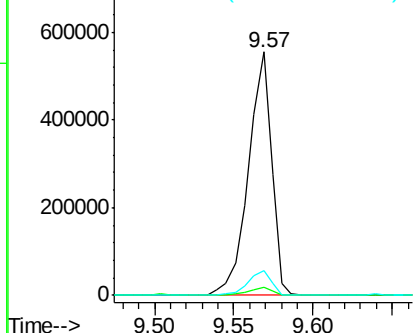
Tot Ion	163	Resp	565761
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM



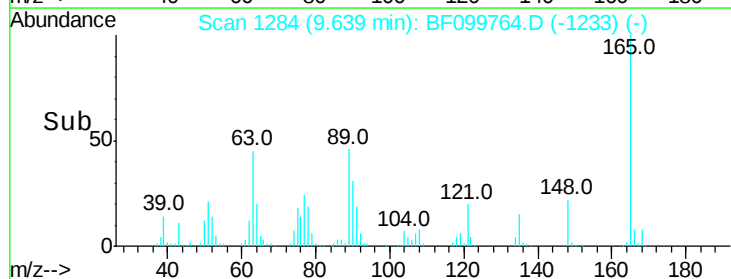
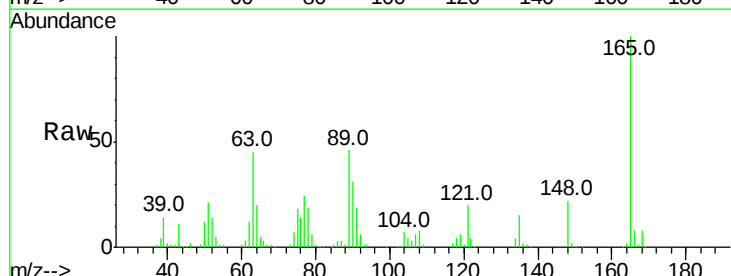
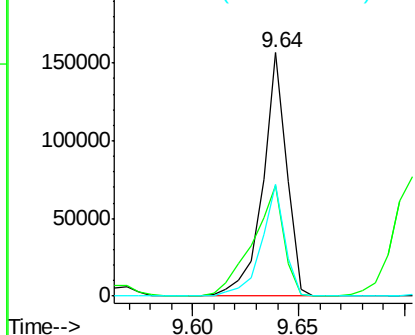
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

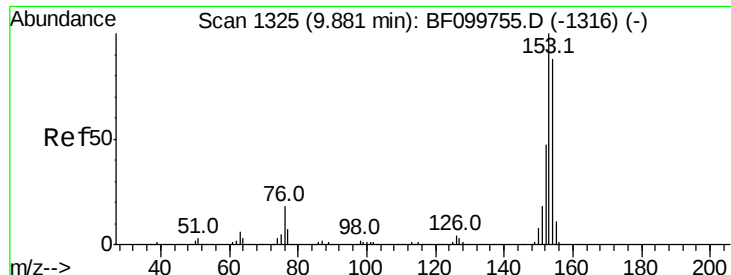


#50
 2,6-Dinitrotoluene
 Concen: 37.864 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	165	Resp	122689
Ion Ratio	Lower	Upper	
165	100		
63	45.2	44.7	67.1
89	46.1	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.280 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

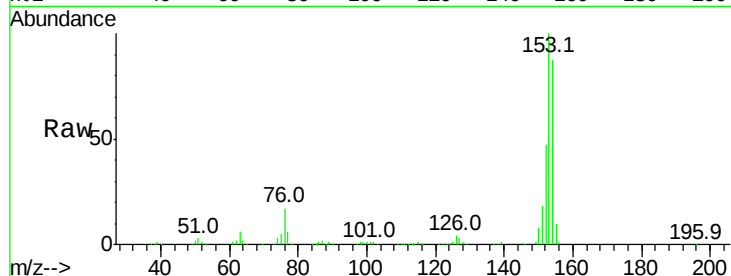
ClientSampleId :

PB103538BS

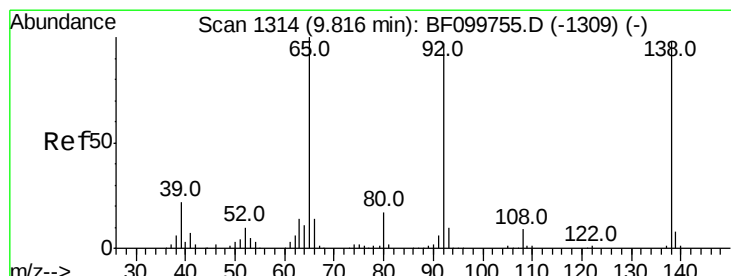
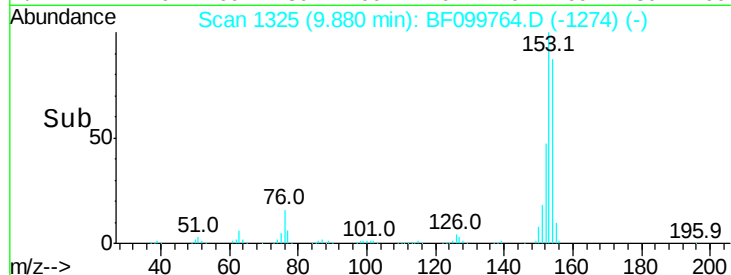
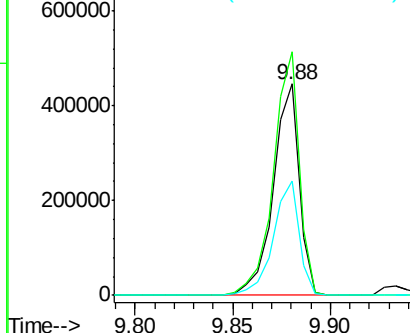
Tot Ion:	154	Resp:	412524
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.2	136.8
152	54.4	43.8	65.8

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



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



#52

3-Nitroaniline

Concen: 21.972 ng

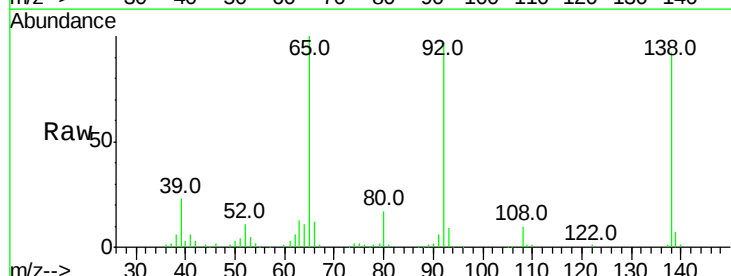
RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

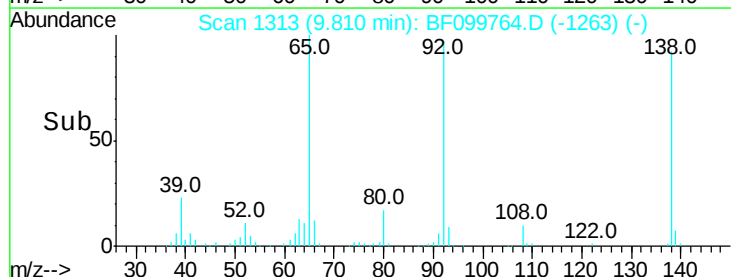
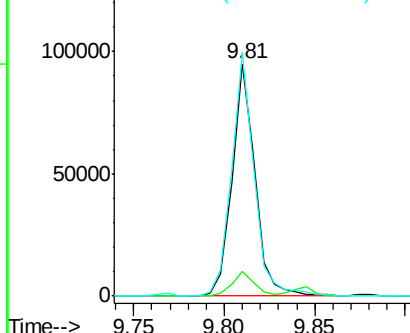
Lab File: BF099764.D

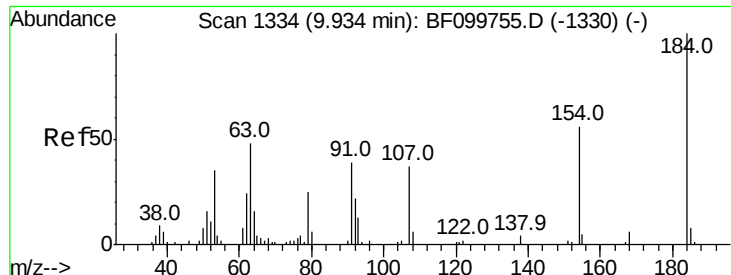
Acq: 23 Oct 2017 17:40

Tgt Ion:	138	Resp:	83888
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	104.9	89.4	134.2



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





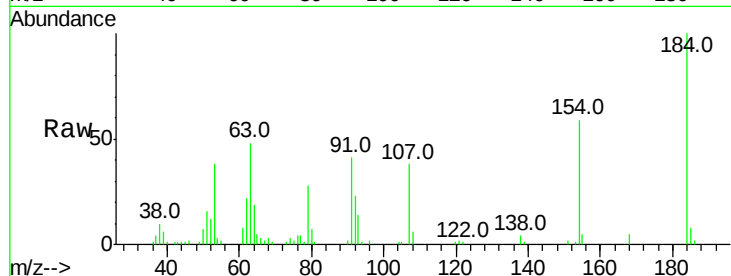
#53
 2,4-Dinitrophenol
 Concen: 36.007 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

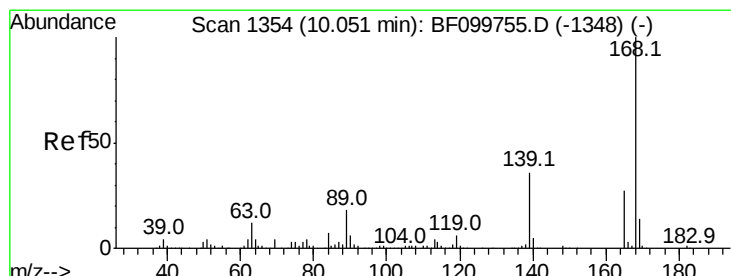
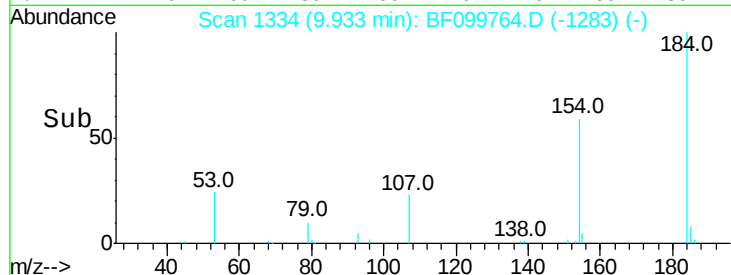
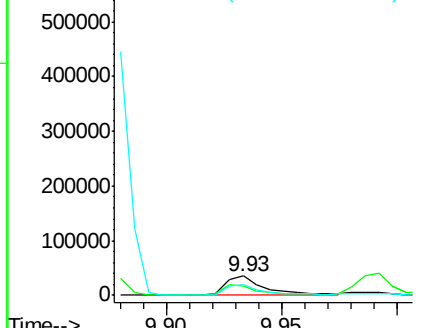
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	47.8	54.2	81.2	#
154	59.2	53.5	80.3	

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM

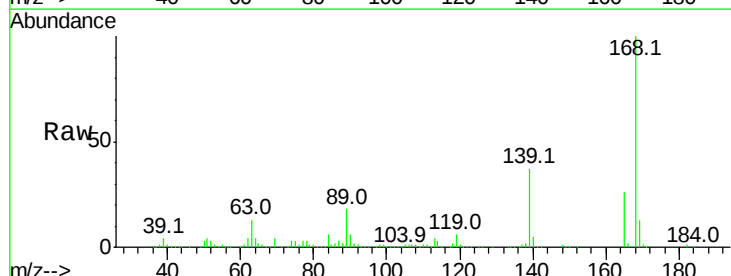


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

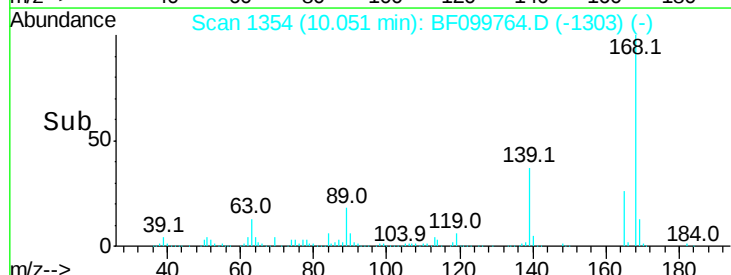
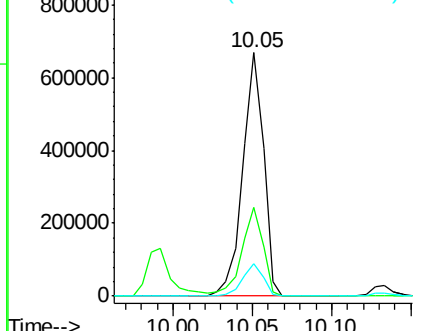


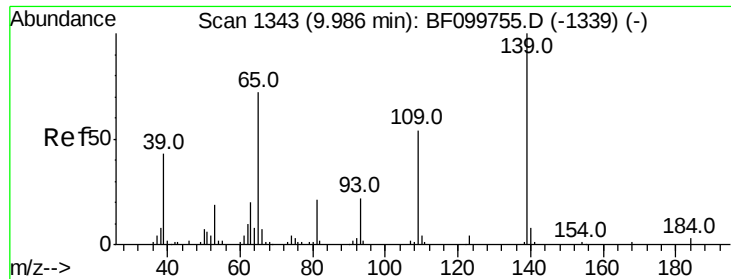
#54
 Dibenzofuran
 Concen: 35.759 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.6	30.1	45.1	
169	13.2	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.495 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

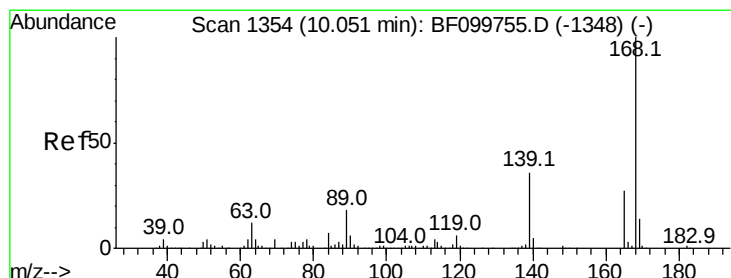
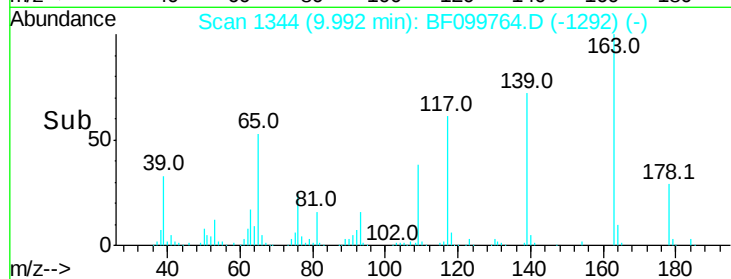
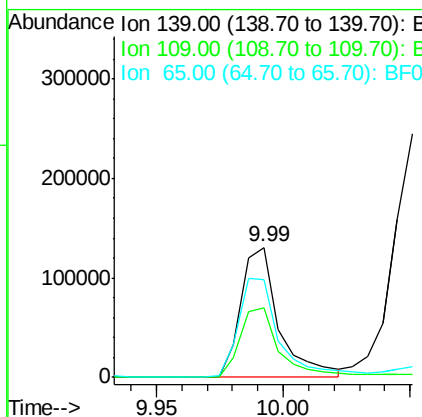
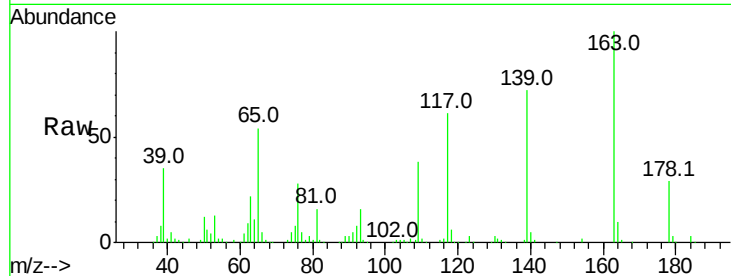
ClientSampleId :

PB103538BS

Tot Ion:	139	Resp:	136640
Ion Ratio	Lower	Upper	
139	100		
109	53.6	48.4	88.4
65	75.1	72.6	112.6

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



#56

2,4-Dinitrotoluene

Concen: 37.856 ng

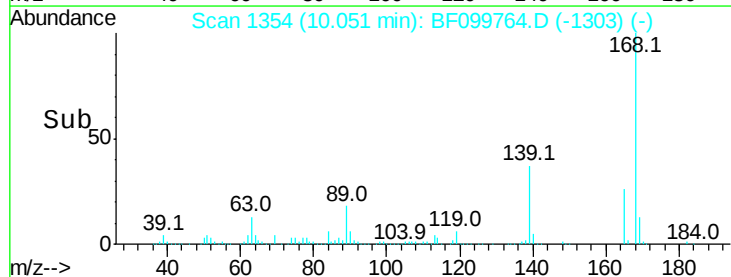
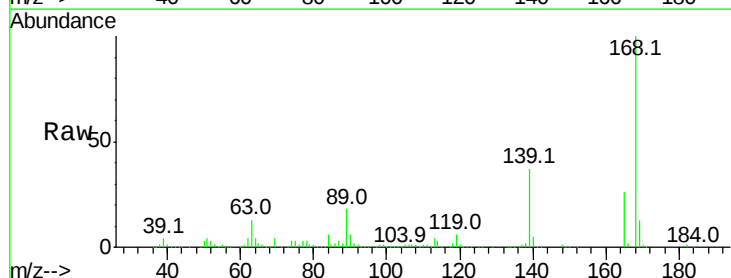
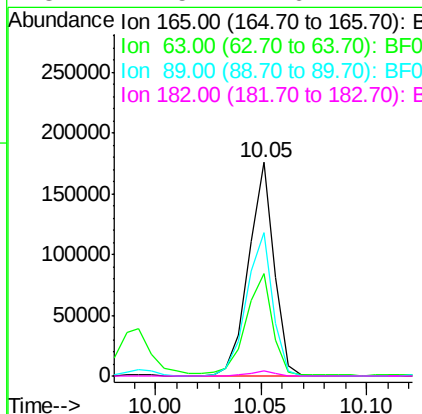
RT: 10.05 min Scan# 1354

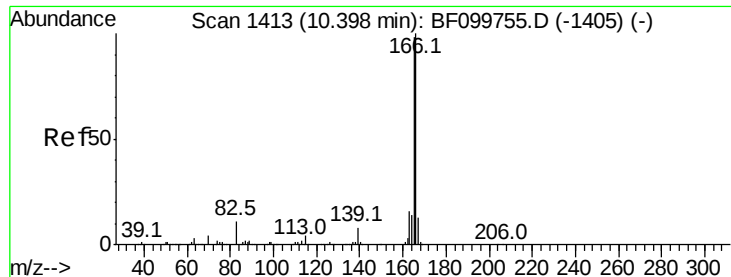
Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Tgt Ion:	165	Resp:	147721
Ion Ratio	Lower	Upper	
165	100		
63	48.2	36.4	54.6
89	67.3	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 35.256 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

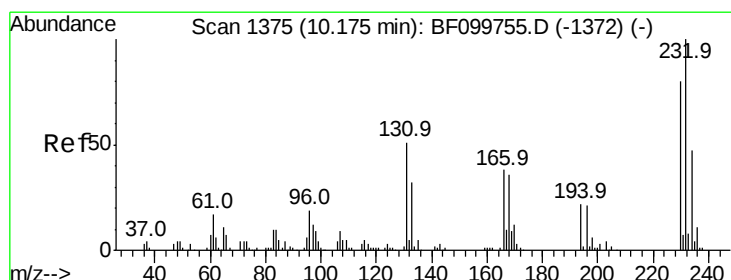
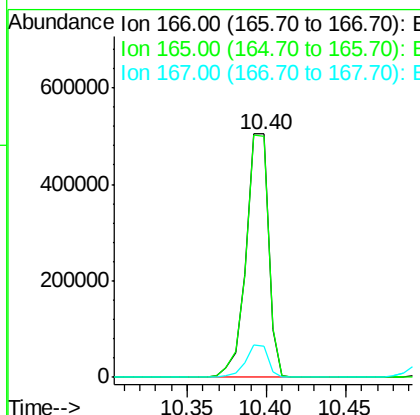
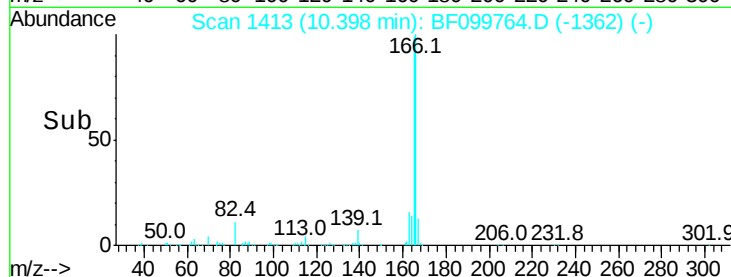
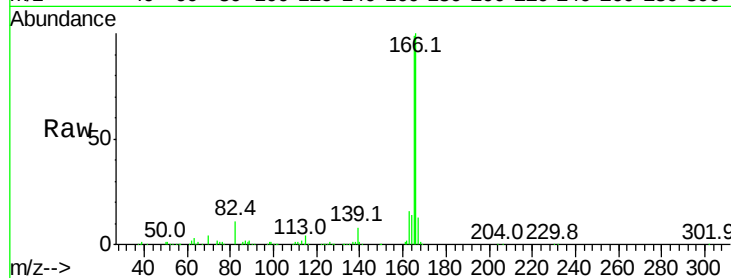
ClientSampleId :

PB103538BS

Tot Ion:	166	Resp:	495860
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	13.0	10.6	16.0

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.983 ng

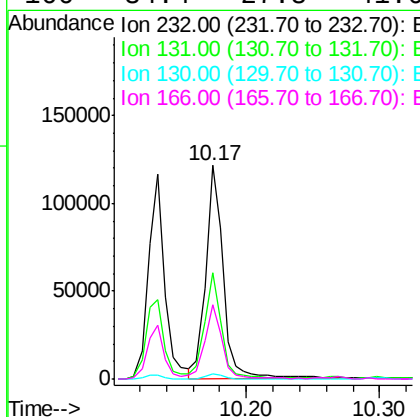
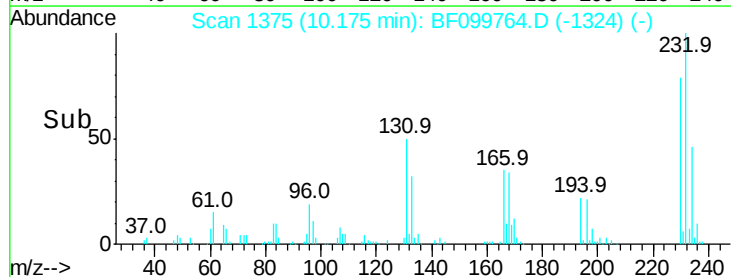
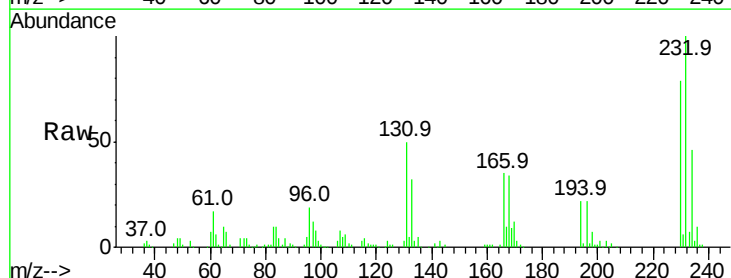
RT: 10.17 min Scan# 1375

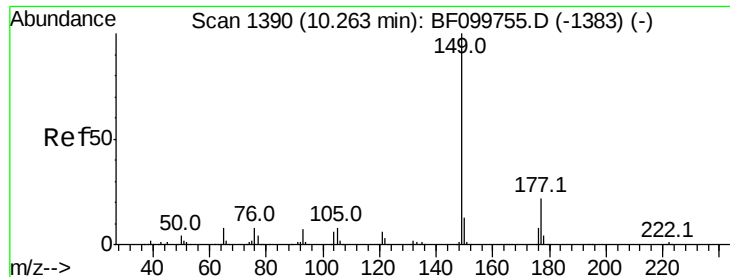
Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Tgt Ion:	232	Resp:	110288
Ion Ratio	Lower	Upper	
232	100		
131	48.7	43.8	65.8
130	2.3	2.1	3.1
166	34.4	27.8	41.6





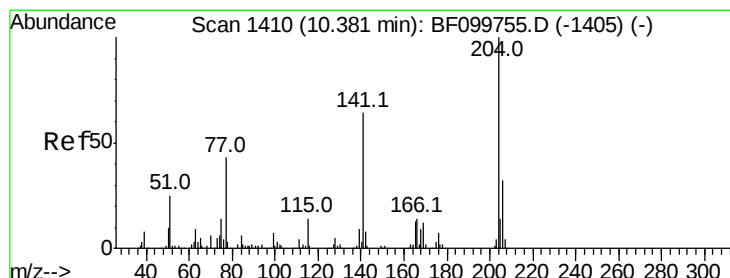
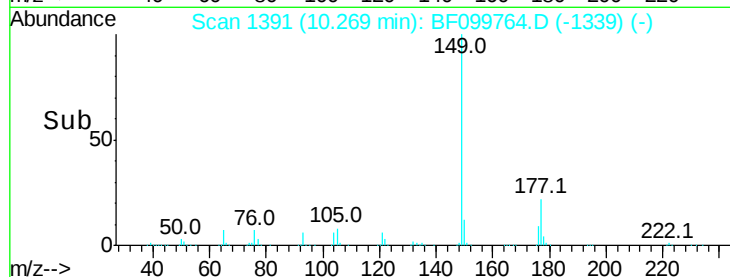
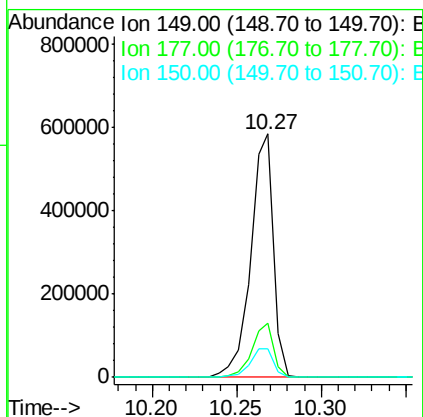
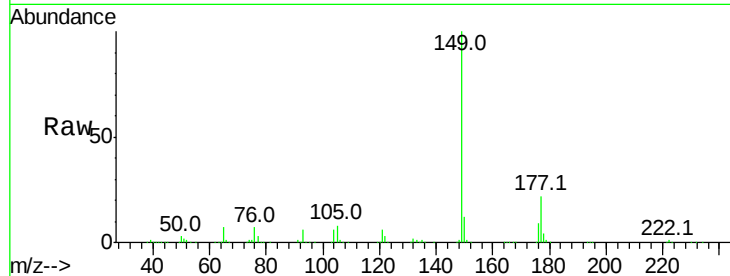
#59
Diethylphthalate
Concen: 36.559 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.0	10.1	15.1

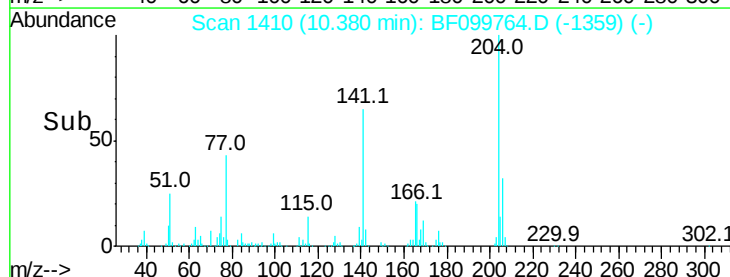
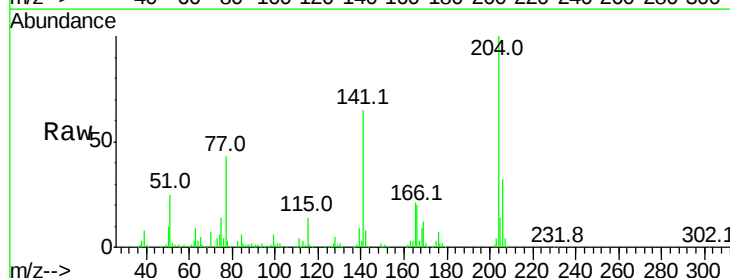
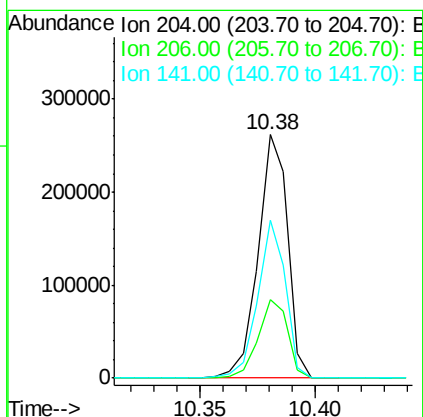
Manual Integrations
APPROVED

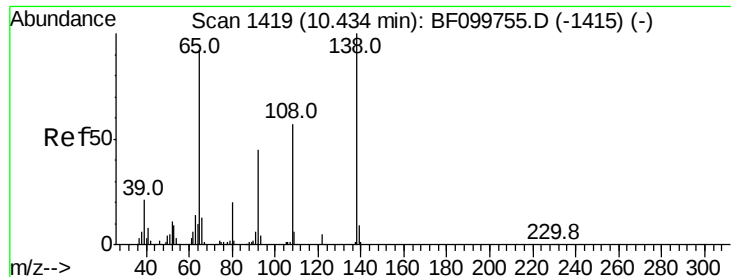
Sohil
10/24/2017 8:40:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.209 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.4	26.5	39.7
141	64.8	54.6	81.8





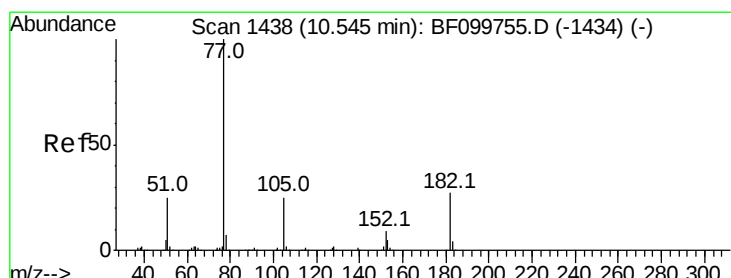
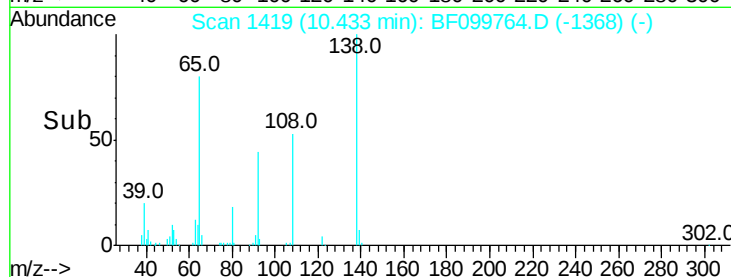
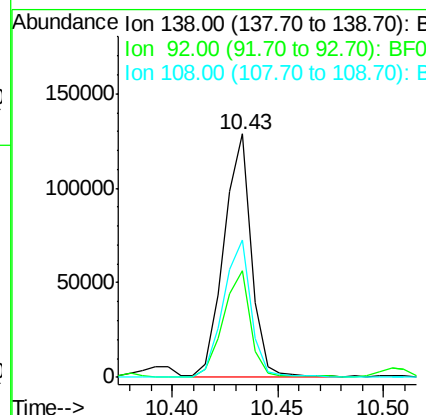
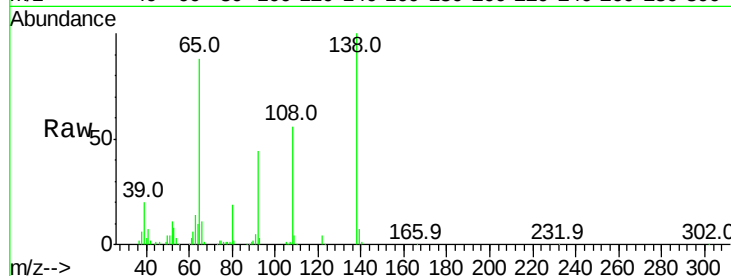
#61
4-Nitroaniline
Concen: 31.472 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	30.2	70.2
108	56.2	52.5	92.5

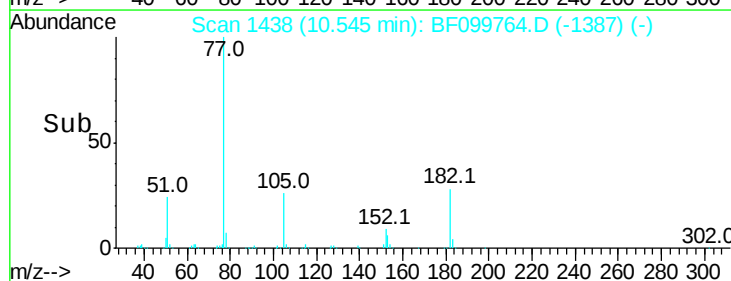
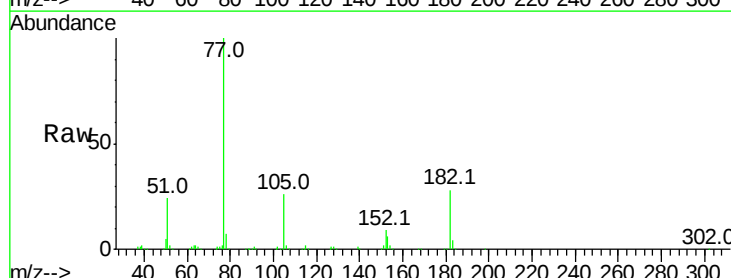
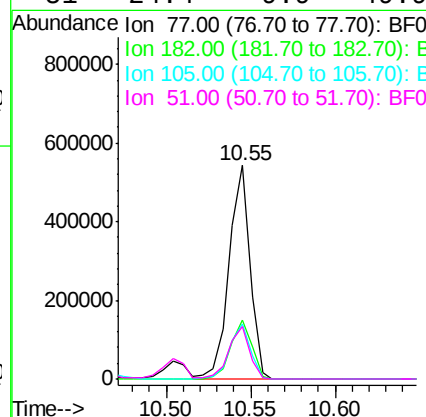
Manual Integrations
APPROVED

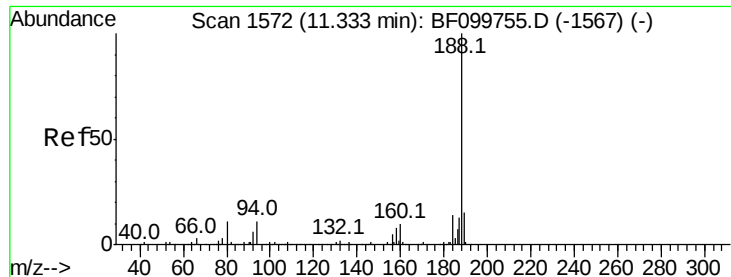
Sohil
10/24/2017 8:40:59 PM



#62
Azobenzene
Concen: 37.010 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	1.7	41.7
105	26.0	3.0	43.0
51	24.4	9.9	49.9





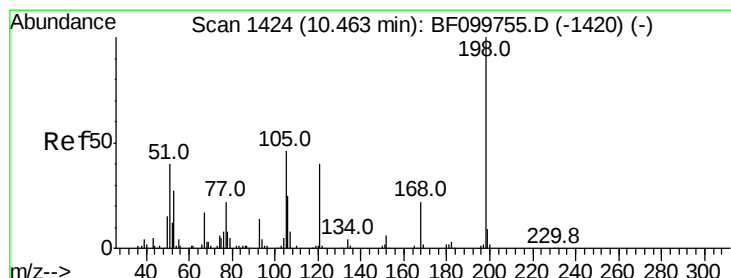
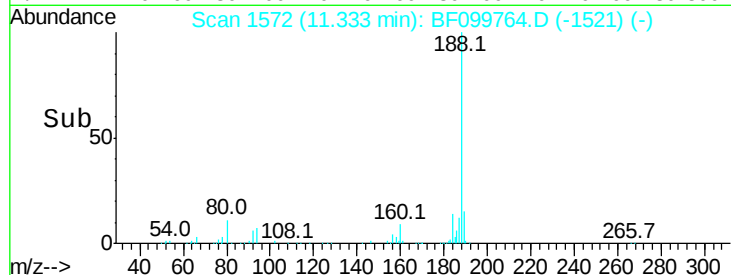
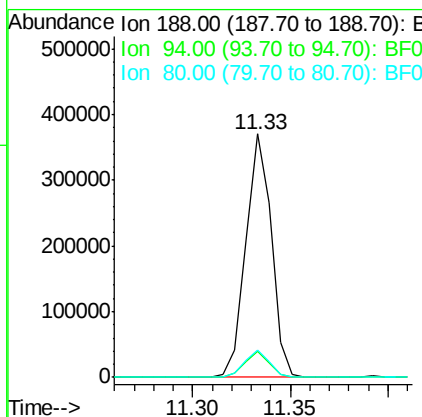
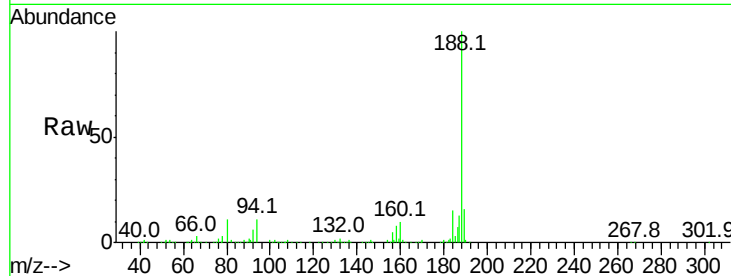
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.2	9.2	13.8

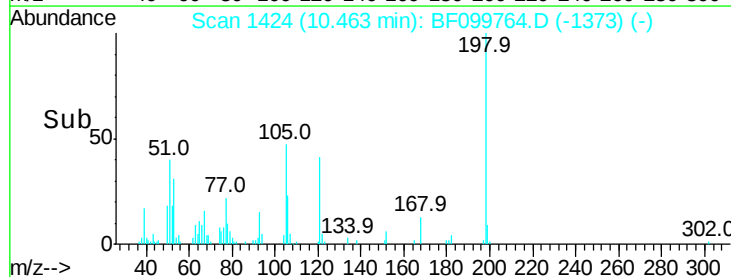
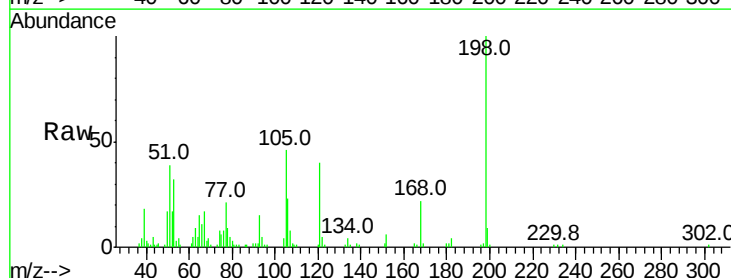
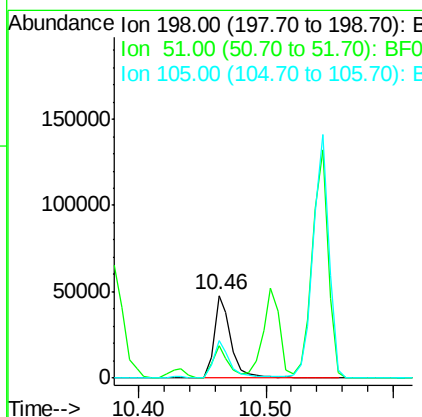
Manual Integrations
APPROVED

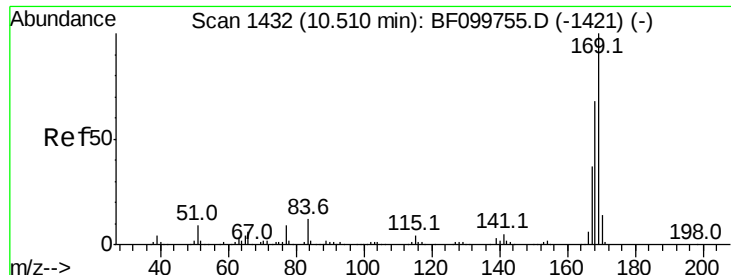
Sohil
10/24/2017 8:40:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 21.287 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.9	37.7	77.7
105	45.9	36.3	76.3





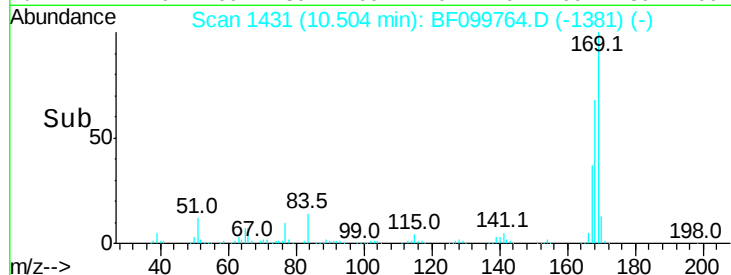
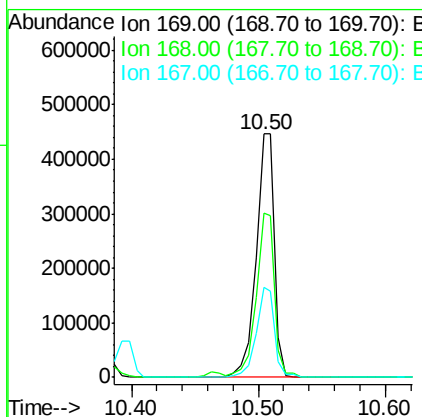
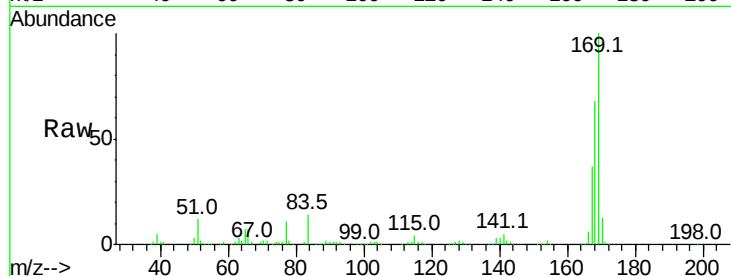
#65
 n-Nitrosodiphenylamine
 Concen: 36.648 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.7	54.4	81.6	
167	37.1	29.8	44.6	

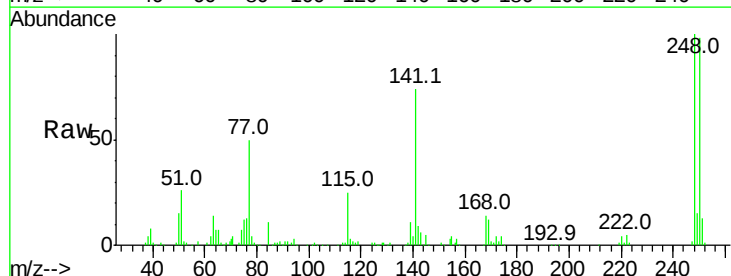
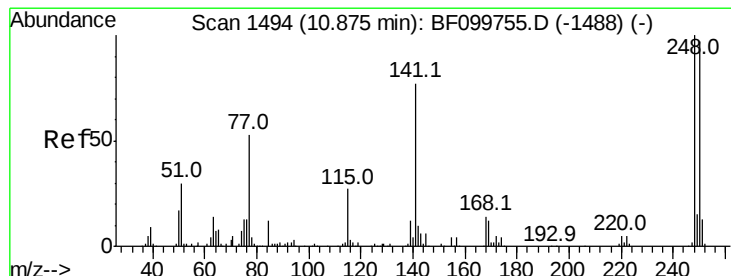
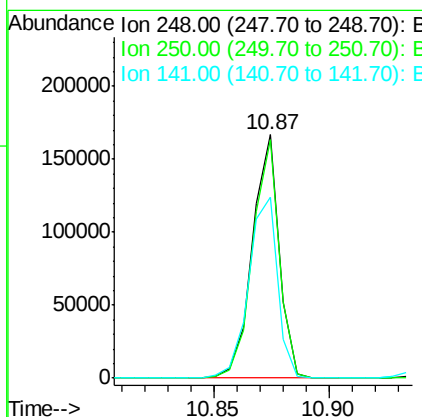
Manual Integrations
 APPROVED

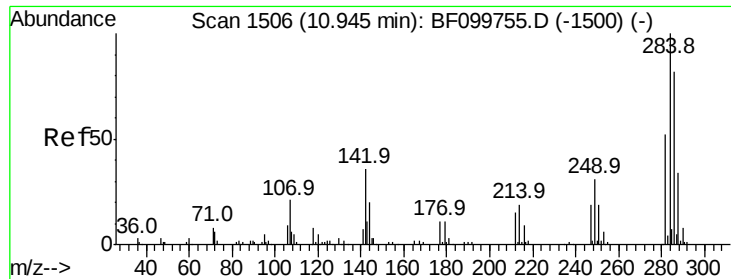
Sohil
 10/24/2017 8:40:59 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.388 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.0	76.9	115.3	
141	74.2	74.4	111.6#	





#67

Hexachlorobenzene

Concen: 36.960 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

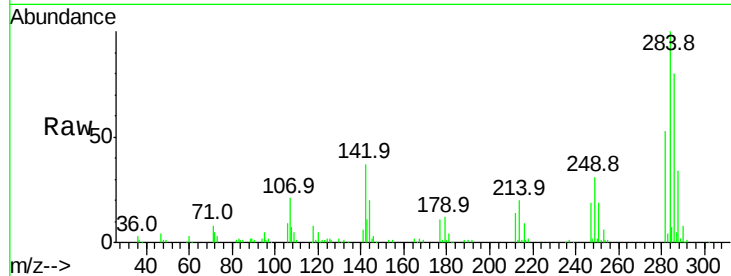
ClientSampleId :

PB103538BS

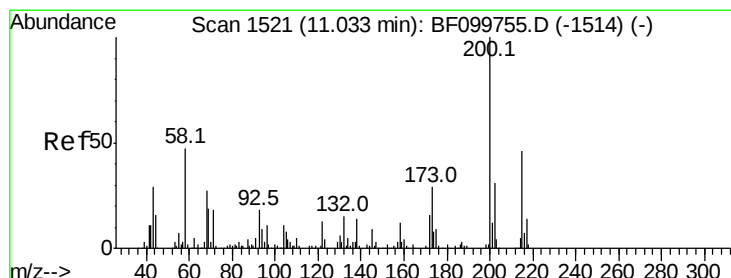
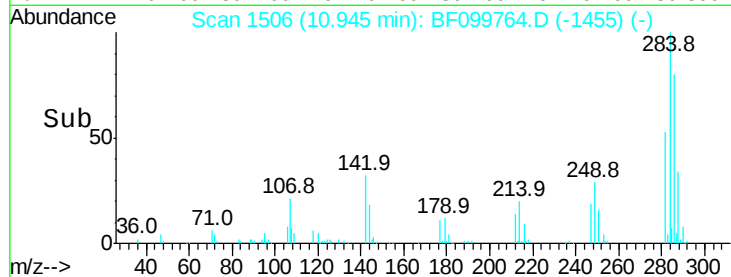
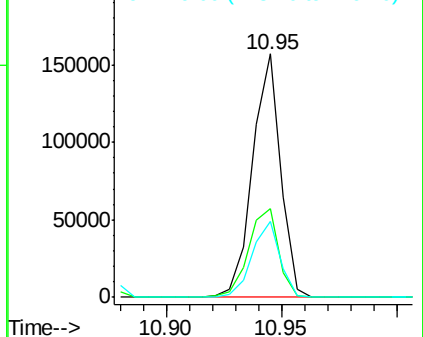
Tot Ion:	284	Resp:	133766
Ion Ratio	Lower	Upper	
284	100		
142	36.6	34.6	52.0
249	31.2	24.8	37.2

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



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



#68

Atrazine

Concen: 38.461 ng

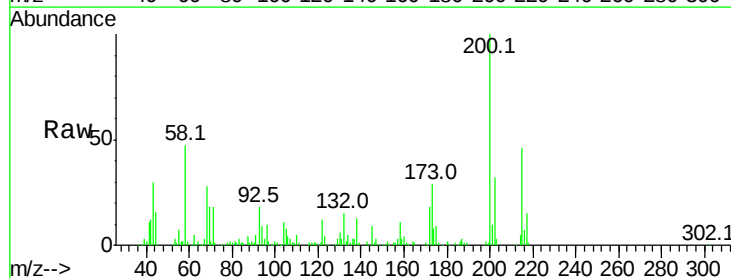
RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

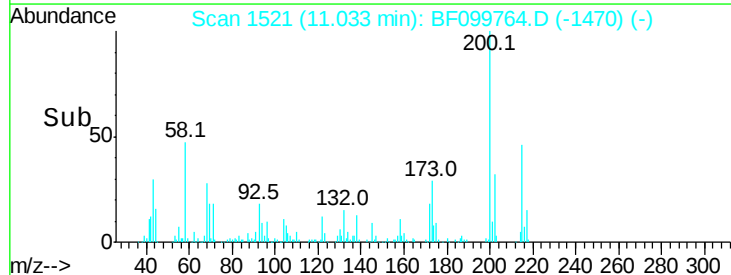
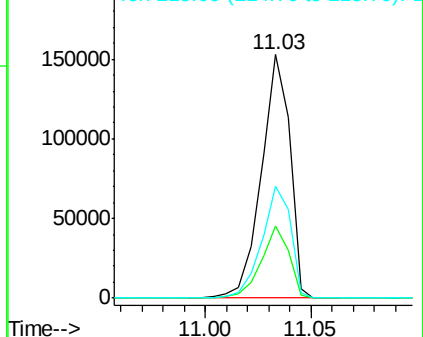
Lab File: BF099764.D

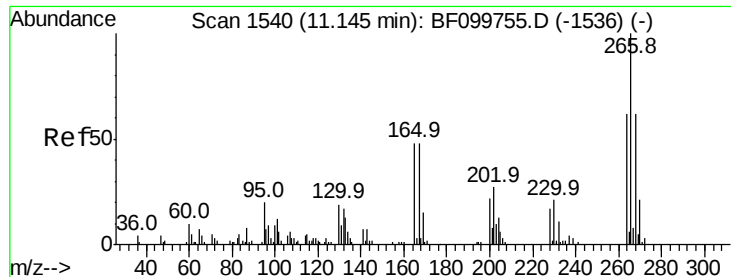
Acq: 23 Oct 2017 17:40

Tgt Ion:	200	Resp:	143313
Ion Ratio	Lower	Upper	
200	100		
173	29.4	8.6	48.6
215	45.8	25.1	65.1



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





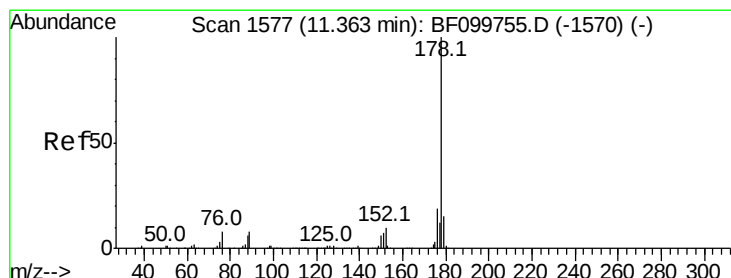
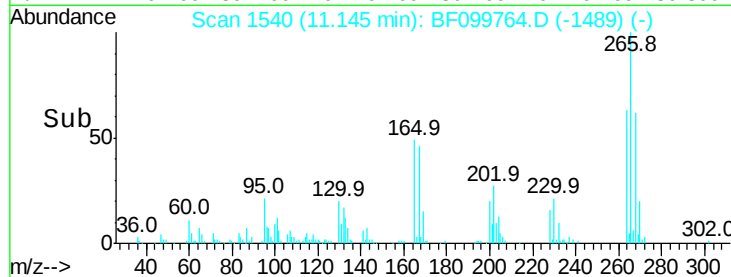
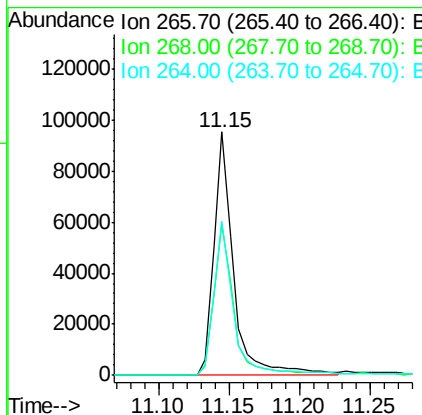
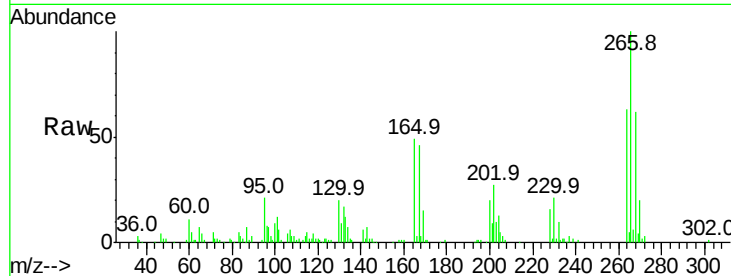
#69
 Pentachlorophenol
 Concen: 59.820 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	92512		
268	62.0		51.1	76.7
264	63.4		49.5	74.3

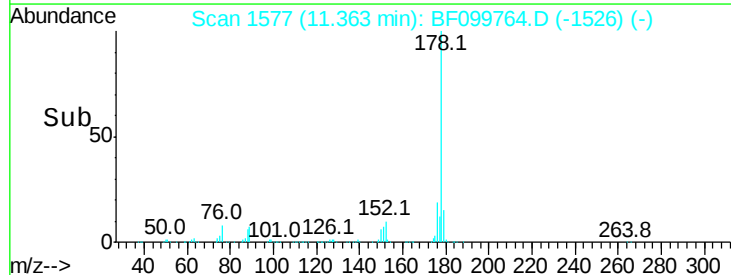
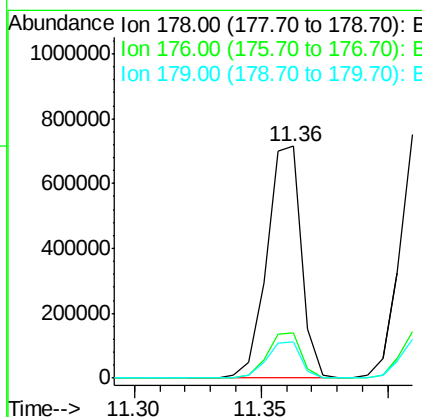
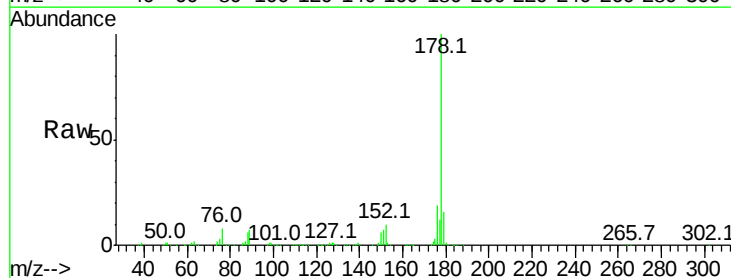
Manual Integrations
 APPROVED

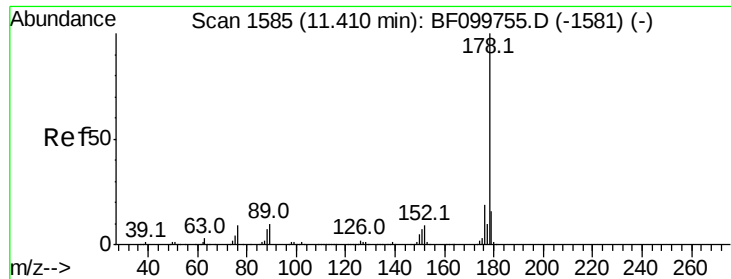
Sohil
 10/24/2017 8:40:59 PM



#70
 Phenanthrene
 Concen: 35.911 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	681024		
176	19.4		15.8	23.8
179	15.6		13.0	19.6





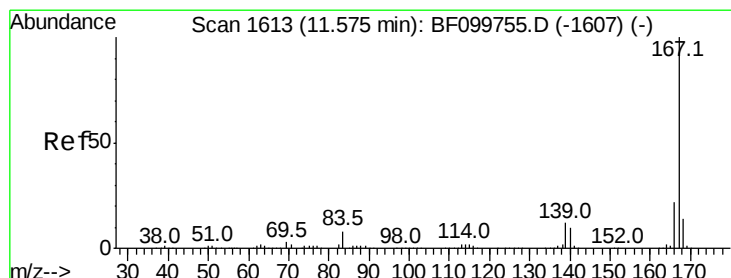
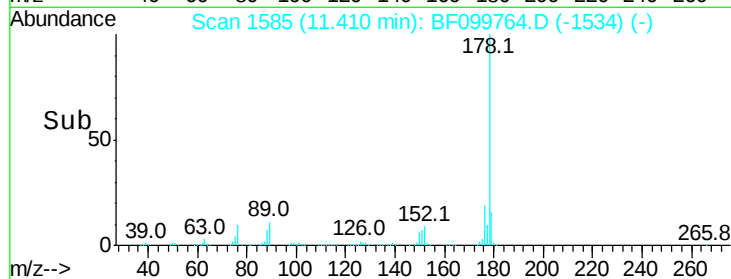
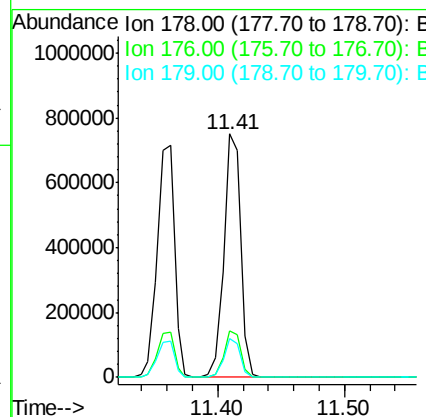
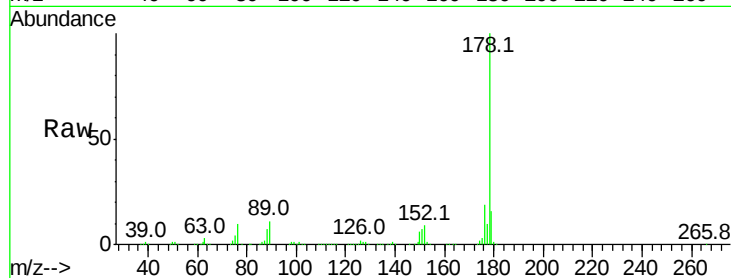
#71
 Anthracene
 Concen: 36.548 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0

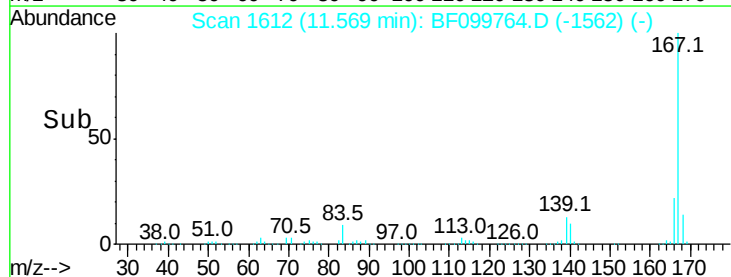
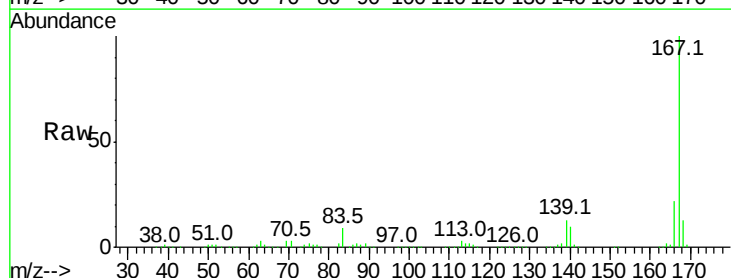
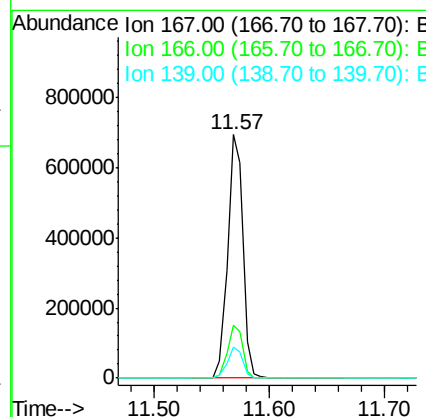
Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM



#72
 Carbazole
 Concen: 35.106 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.916 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Instrument :

BNA_F

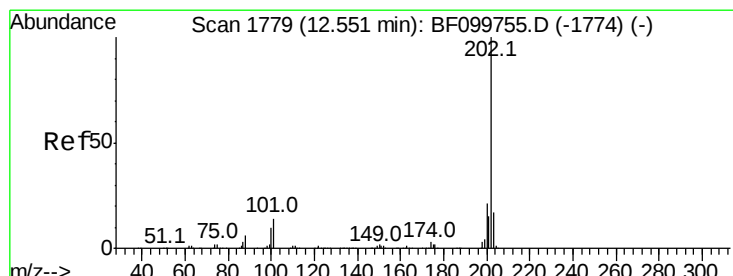
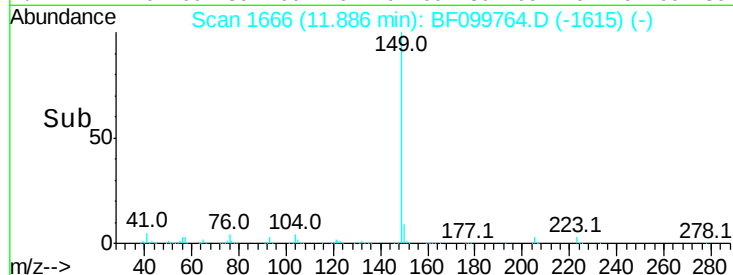
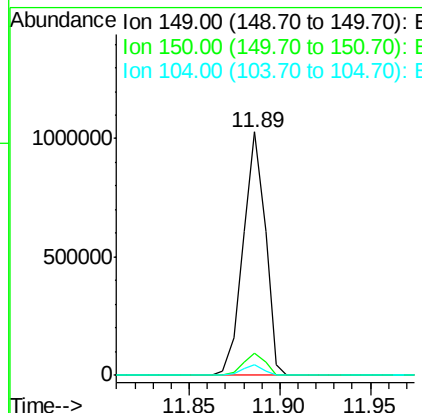
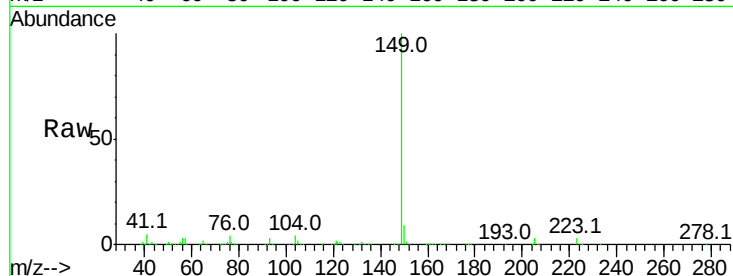
ClientSampleId :

PB103538BS

Tot Ion:	149	Resp:	875450
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM



#74

Fluoranthene

Concen: 31.675 ng

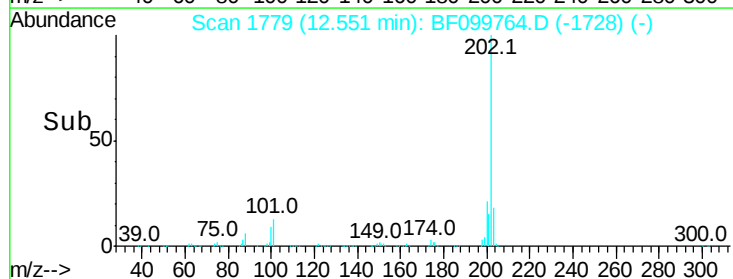
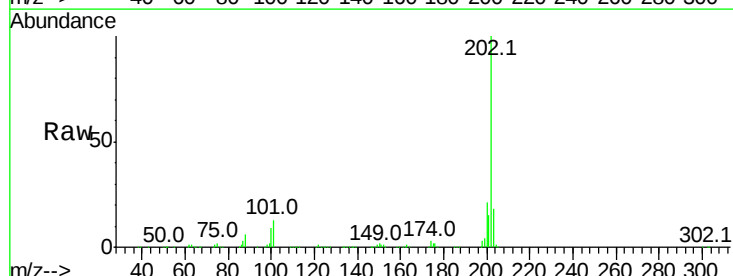
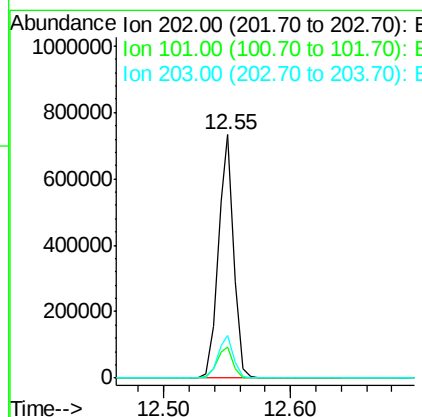
RT: 12.55 min Scan# 1779

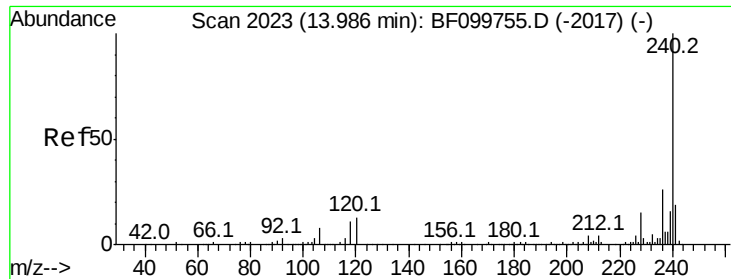
Delta R.T. -0.00 min

Lab File: BF099764.D

Acq: 23 Oct 2017 17:40

Tgt Ion:	202	Resp:	624259
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	17.7	0.0	38.1





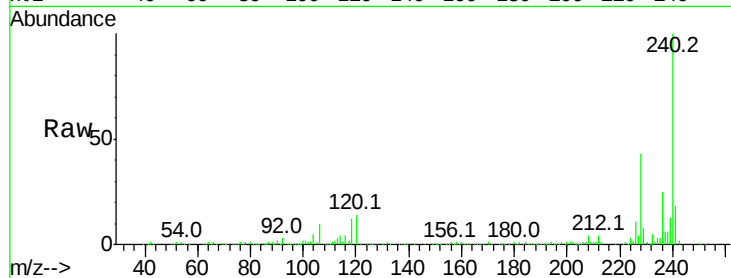
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

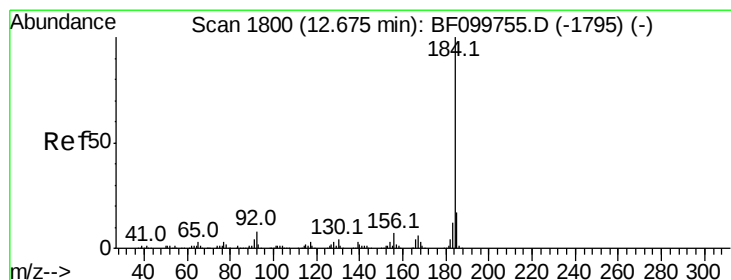
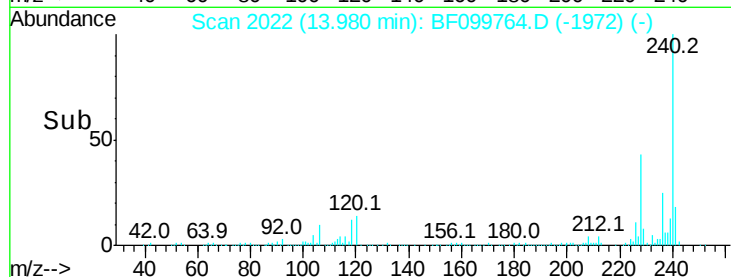
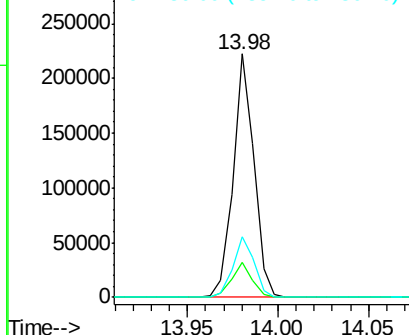
Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
10/24/2017 8:40:59 PM

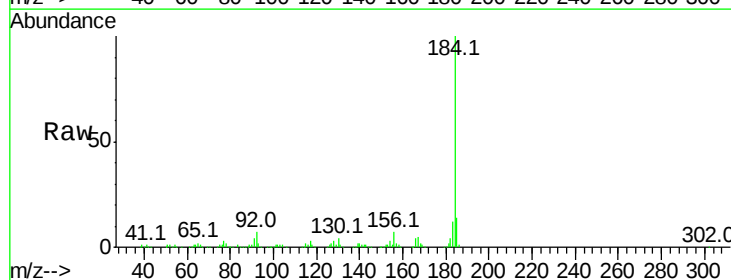


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

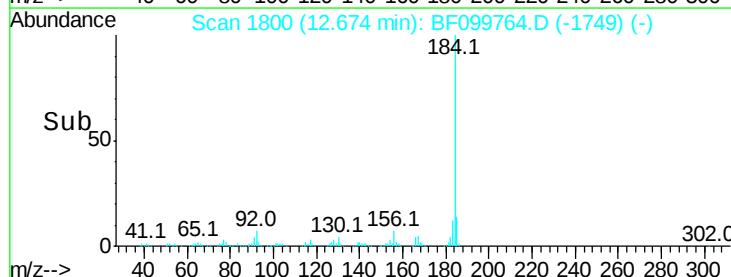
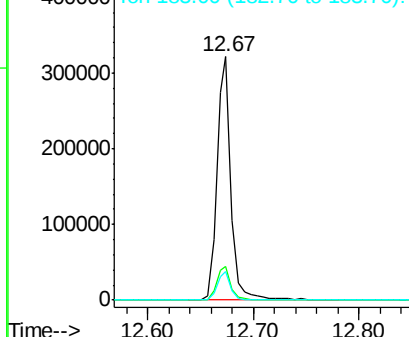


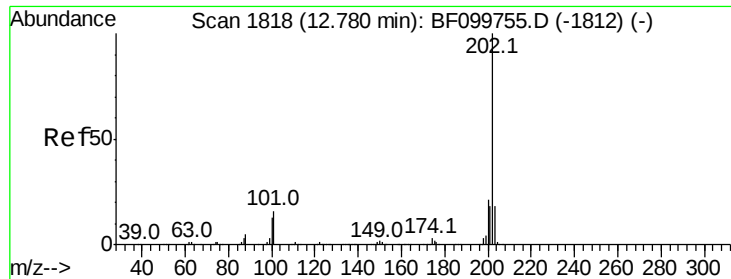
#76
Benzidine
Concen: 38.659 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.1	12.6	18.8
183	11.6	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





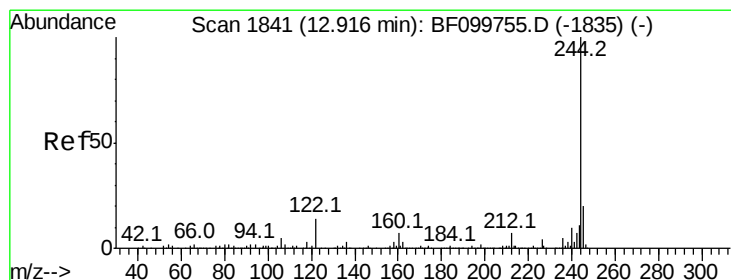
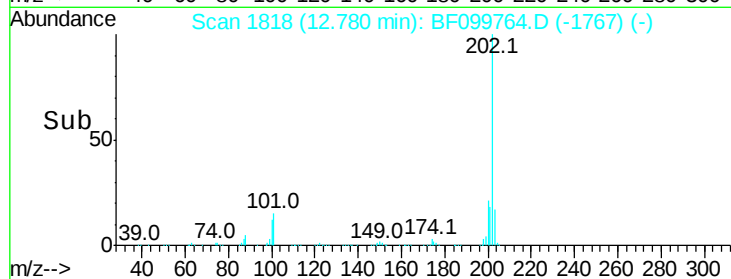
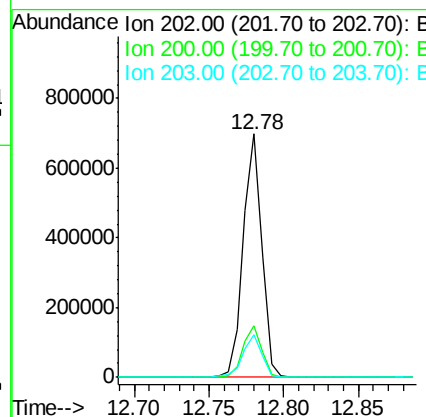
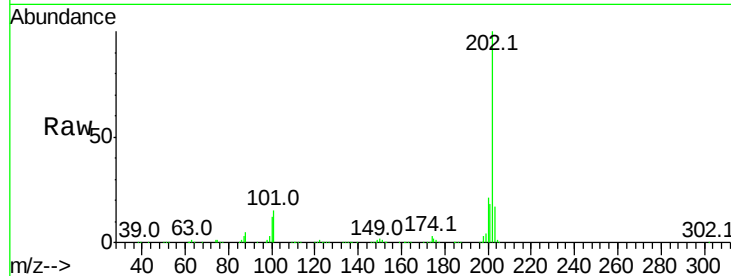
#77
Pvrene
Concen: 44.852 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.3	14.3	21.5

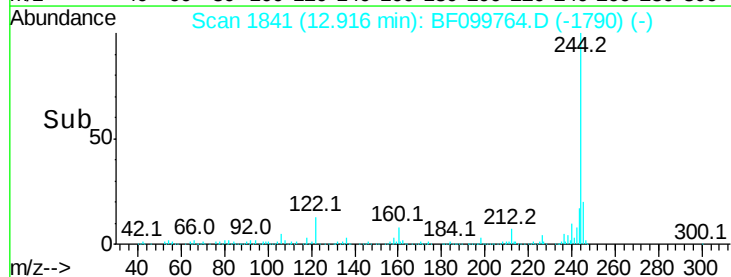
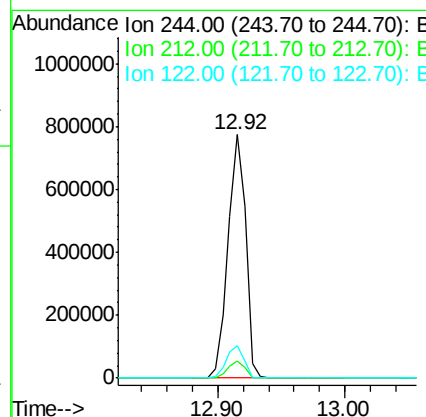
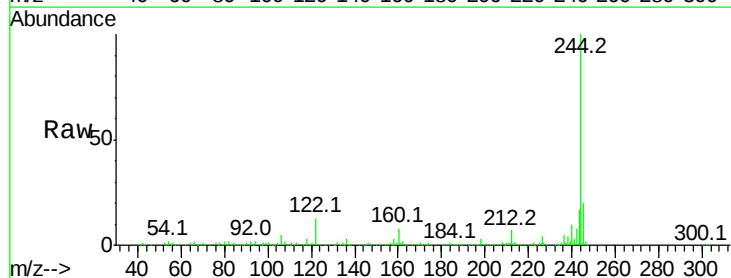
Manual Integrations
APPROVED

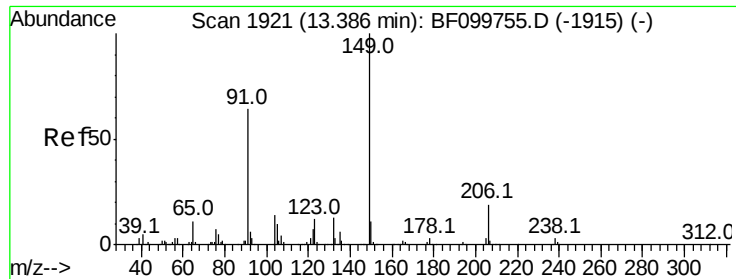
Sohil
10/24/2017 8:40:59 PM



#78
Terphenyl-d14
Concen: 91.642 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.5	11.0	16.4





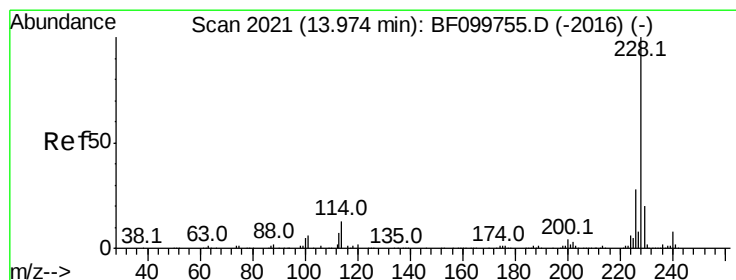
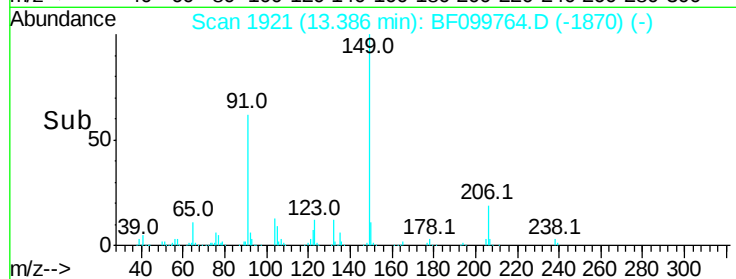
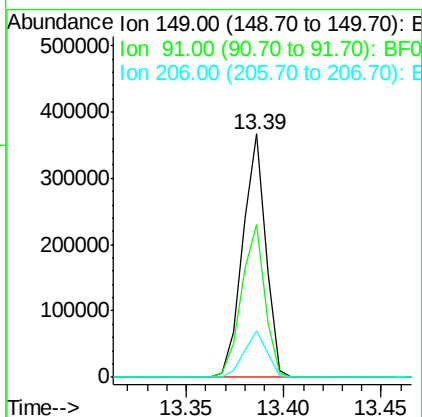
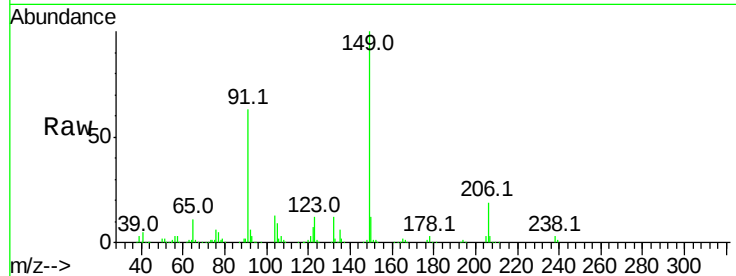
#79
Butylbenzylphthalate
Concen: 44.879 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleID :
PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	62.5	56.8	85.2	
206	19.1	14.1	21.1	

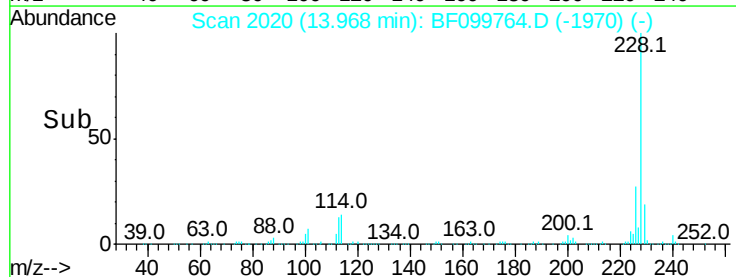
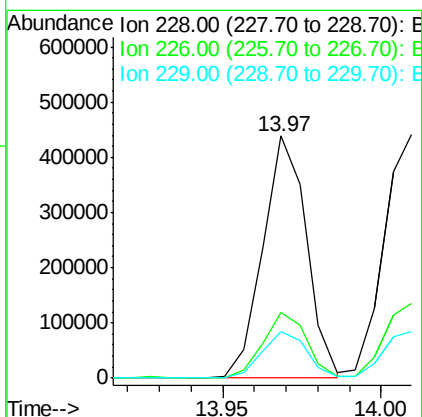
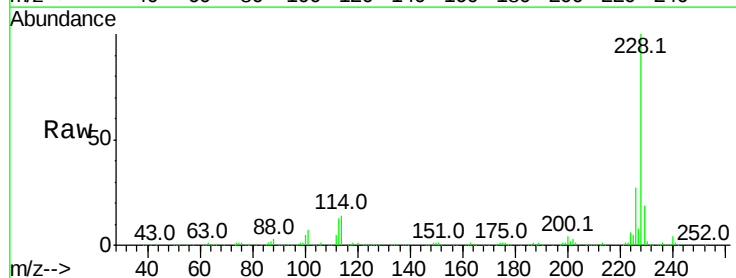
Manual Integrations
APPROVED

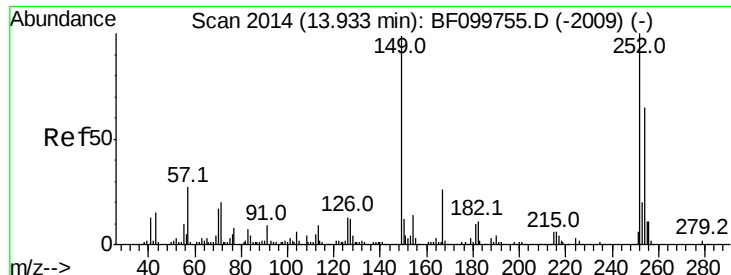
Sohil
10/24/2017 8:40:59 PM



#80
Benzo(a)anthracene
Concen: 37.040 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.3	22.6	33.8	
229	19.4	15.8	23.6	





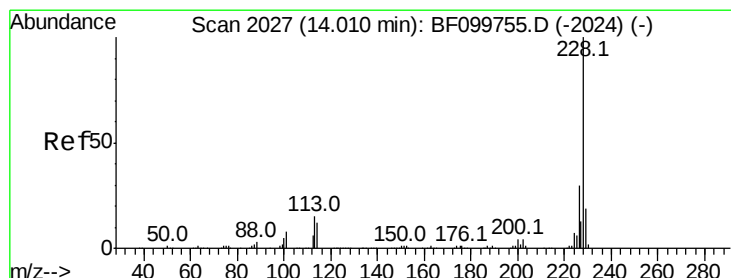
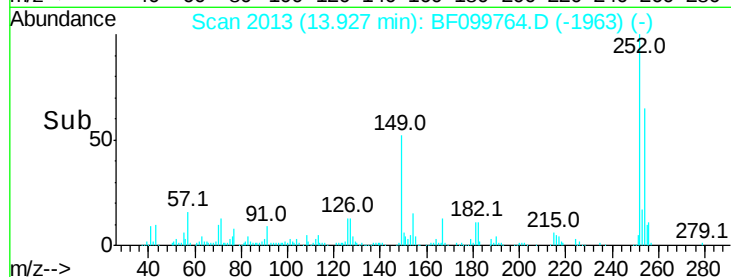
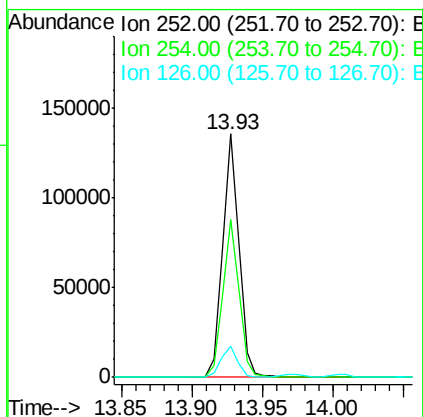
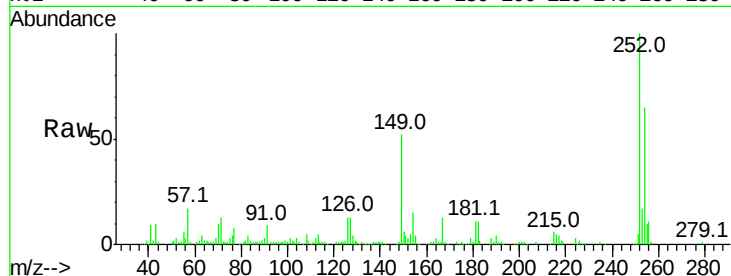
#81
 3,3'-Dichlorobenzidine
 Concen: 26.722 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	12.9	11.3	16.9

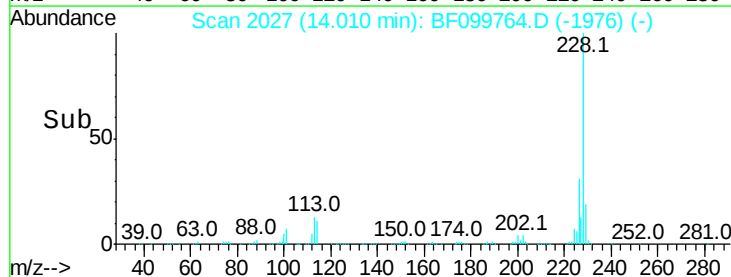
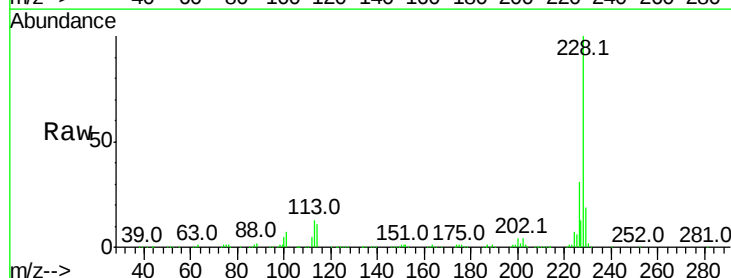
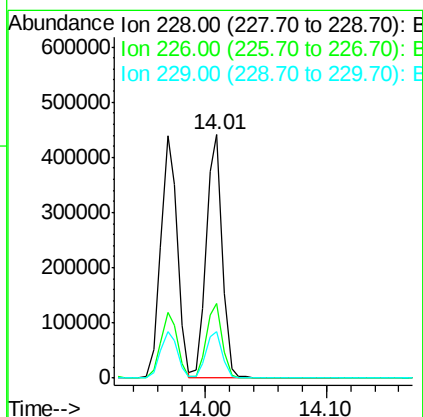
Manual Integrations
 APPROVED

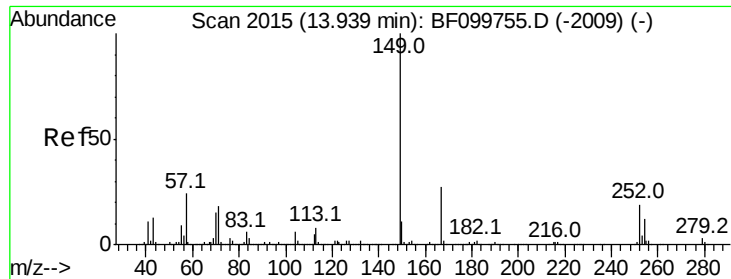
Sohil
 10/24/2017 8:40:59 PM



#82
 Chrysene
 Concen: 37.920 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.1	16.2	24.4





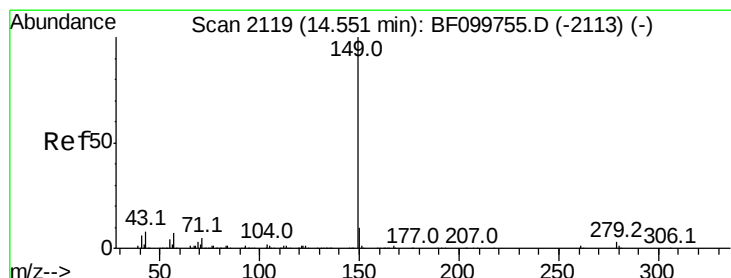
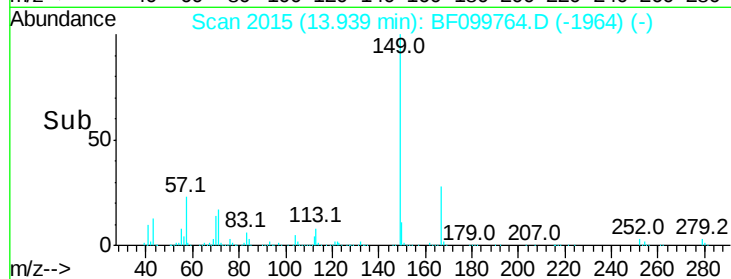
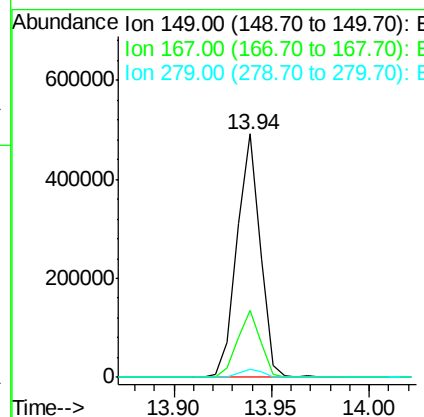
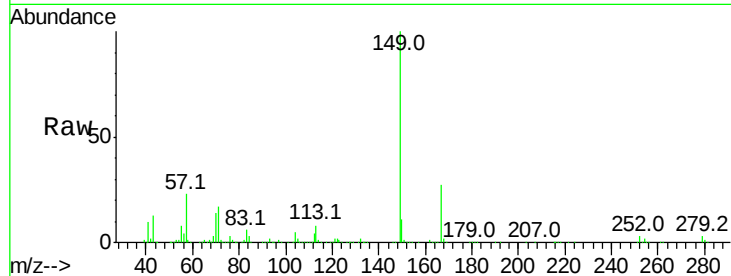
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.265 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.5	21.3	31.9	
279	3.2	3.0	4.4	

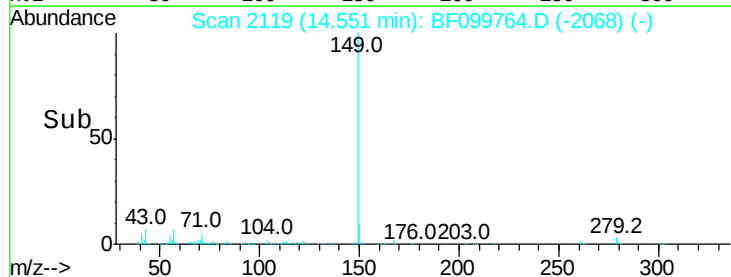
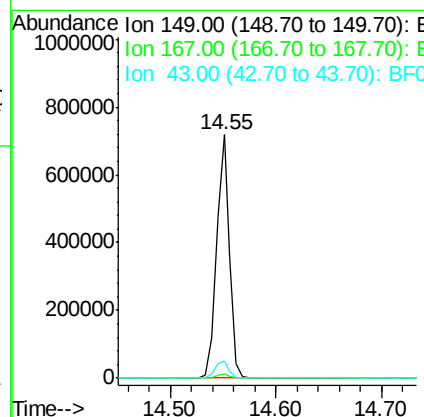
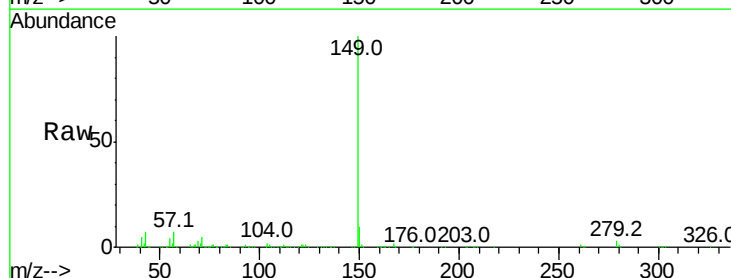
Manual Integrations
 APPROVED

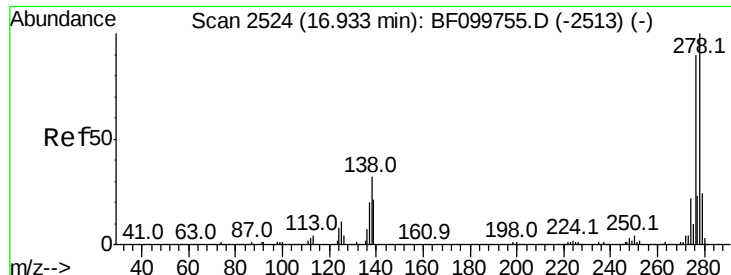
Sohil
 10/24/2017 8:40:59 PM



#84
 Di-n-octyl phthalate
 Concen: 38.144 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	7.3	8.4	12.6	





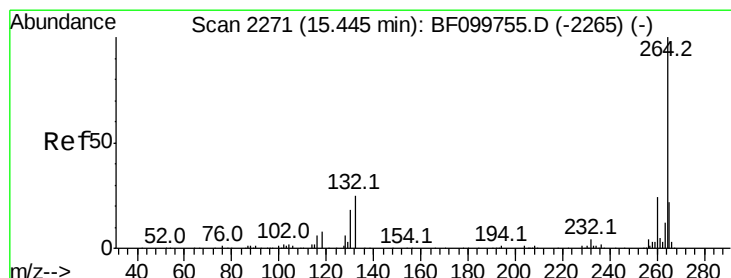
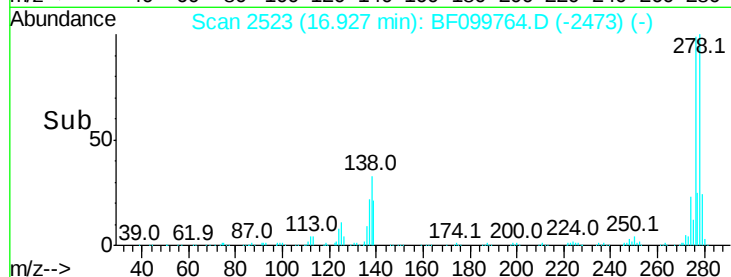
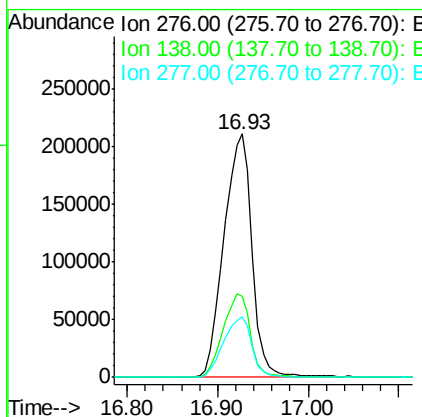
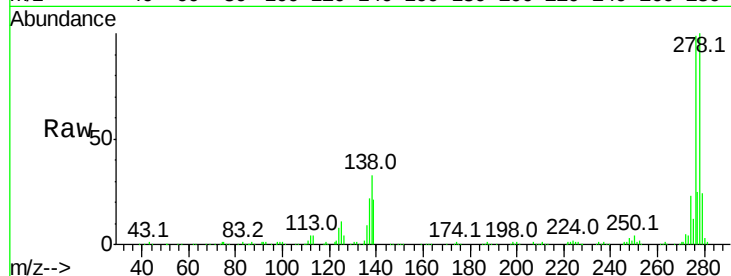
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.611 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	25.2	20.1	30.1

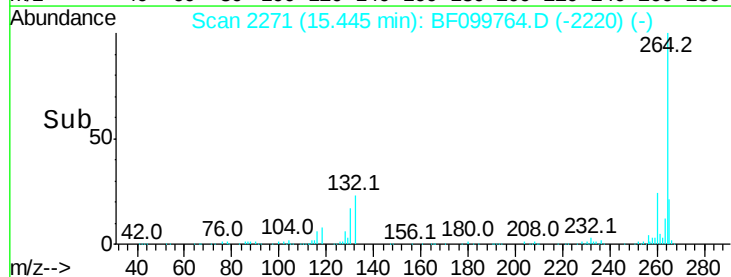
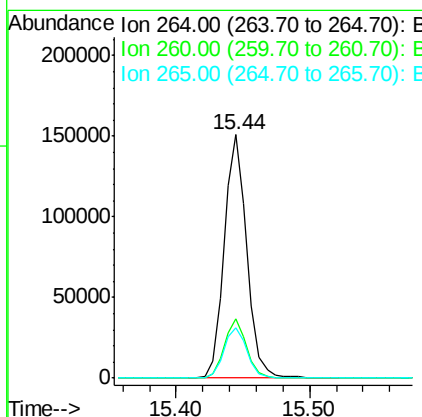
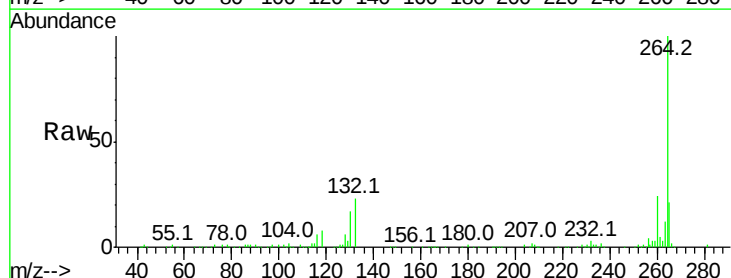
Manual Integrations
APPROVED

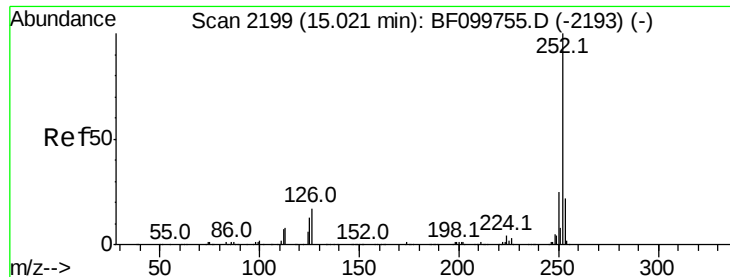
Sohil
10/24/2017 8:40:59 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.7	17.5	26.3





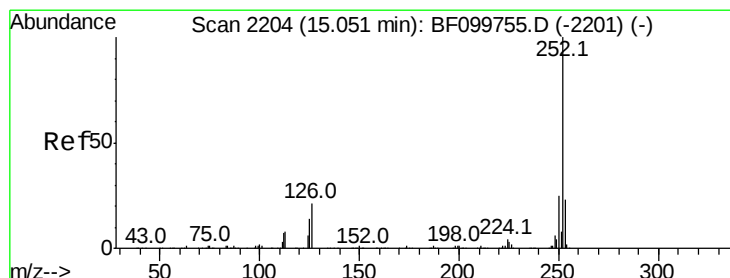
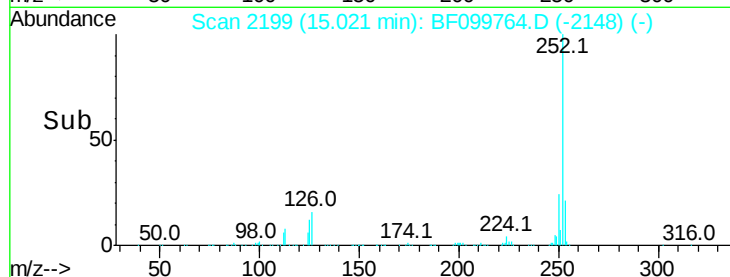
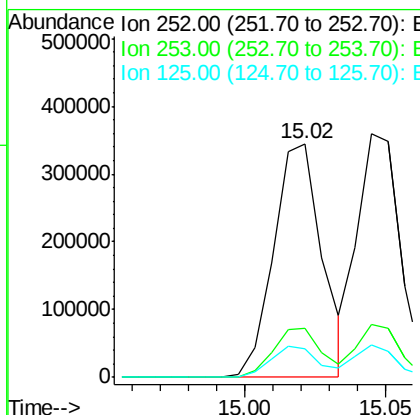
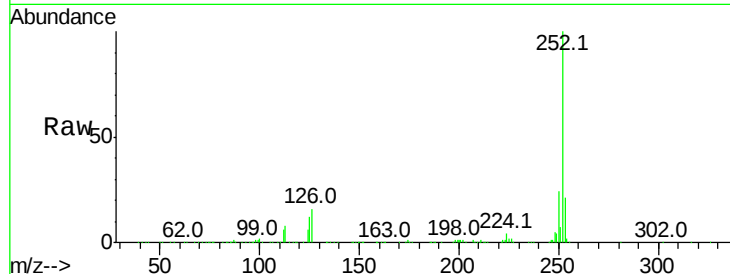
#87
Benzo(b)fluoranthene
Concen: 36.062 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.0	25.6
125	12.1	9.0	13.6

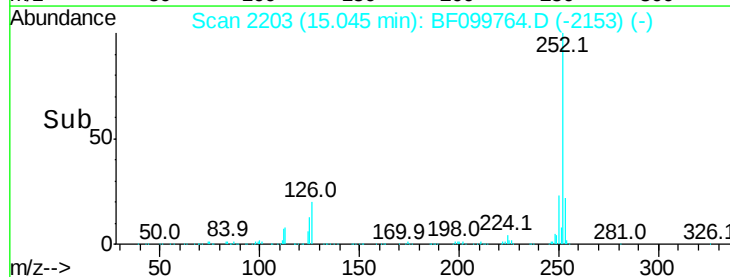
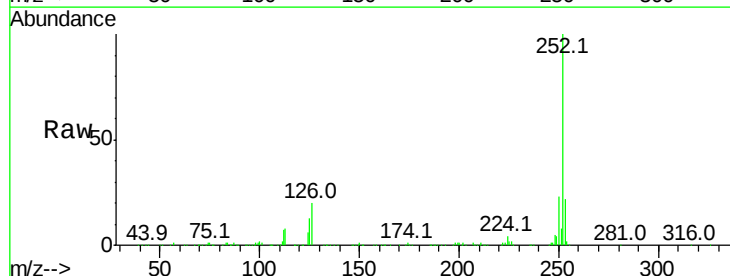
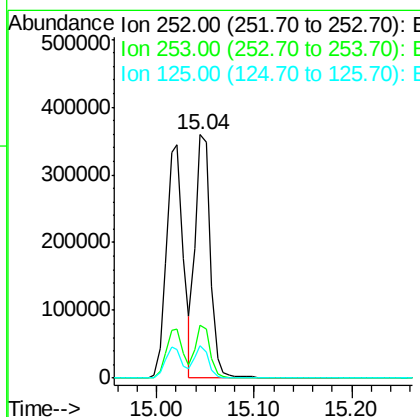
Manual Integrations
APPROVED

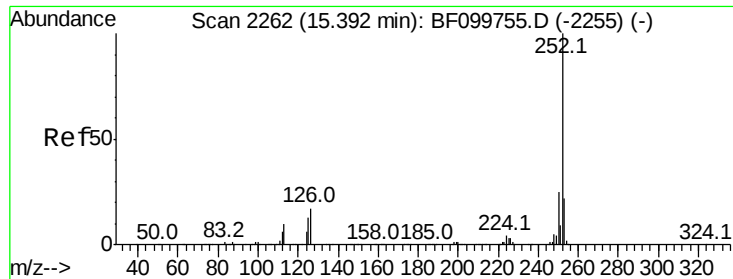
Sohil
10/24/2017 8:40:59 PM



#88
Benzo(k)fluoranthene
Concen: 35.916 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.3	10.2	15.2





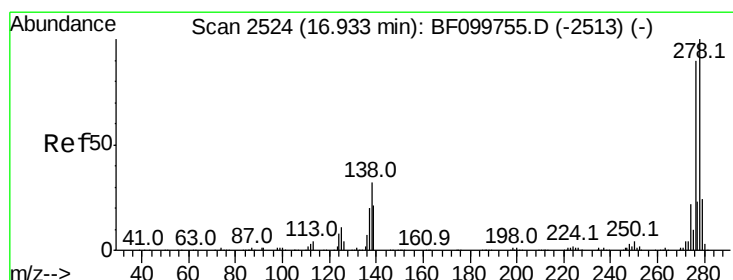
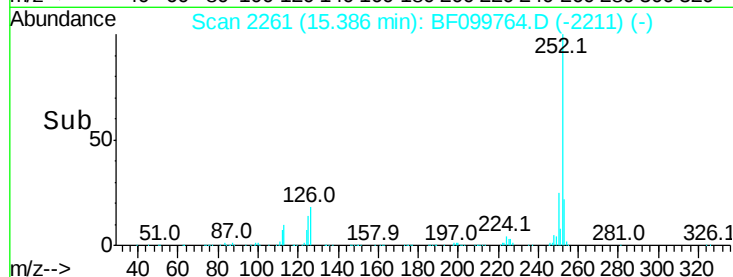
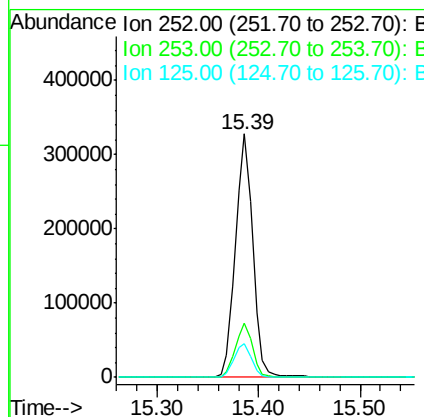
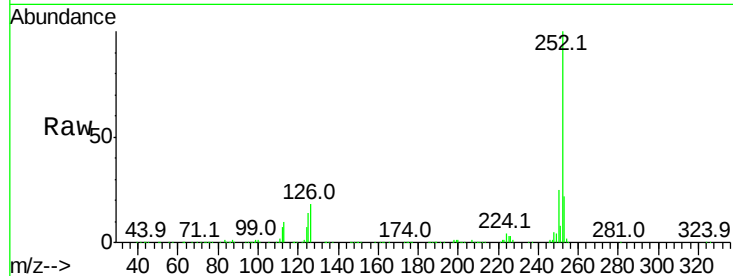
#89
Benzo(a)pyrene
Concen: 38.347 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Tot Ion:	252	Resp:	391298
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	14.0	9.8	14.6

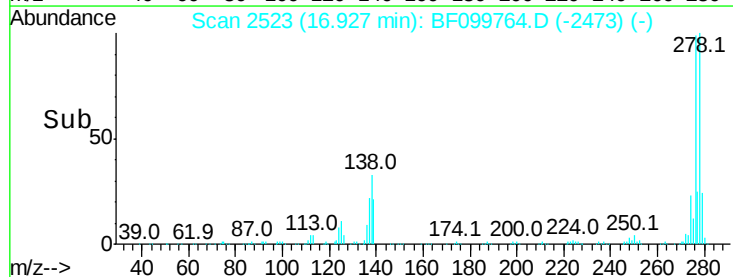
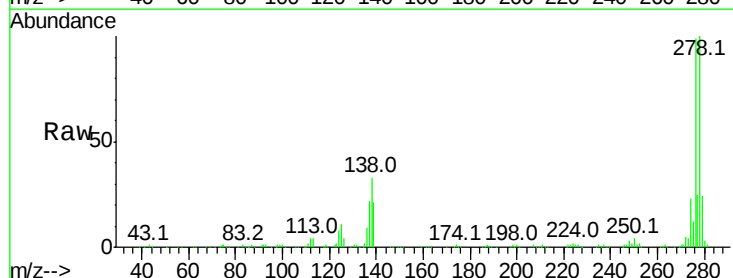
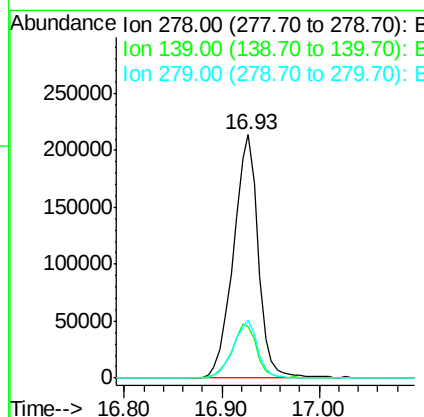
Manual Integrations
APPROVED

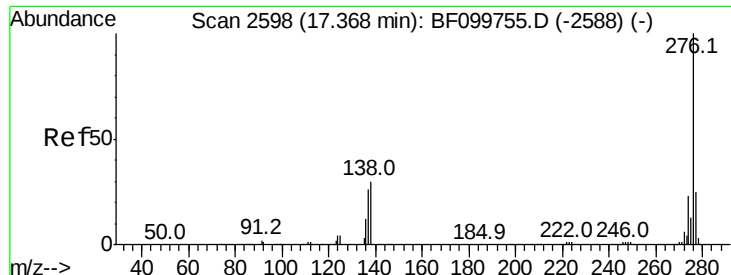
Sohil
10/24/2017 8:40:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.621 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099764.D
Acq: 23 Oct 2017 17:40

Tgt Ion:	278	Resp:	377380
Ion Ratio	Lower	Upper	
278	100		
139	21.3	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.290 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BF099764.D
 Acq: 23 Oct 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:40:59 PM

