

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099350.D
 Acq On : 11 Oct 2017 17:49
 Operator : SJ/JU
 Sample : PB103140BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:07:12 PM

Quant Time: Oct 12 01:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118250	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	484057	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	217515	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	383391	20.00	ng	0.00
75) Chrysene-d12	14.02	240	225452	20.00	ng	0.00
86) Perylene-d12	15.48	264	176070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	880075	118.48	ng	0.02
7) Phenol-d6	6.50	99	1046446	114.20	ng	0.01
23) Nitrobenzene-d5	7.42	82	625738	82.90	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	223082	125.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1175626	90.23	ng	0.00
78) Terphenyl-d14	12.96	244	983913	99.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	112058	31.580	ng	93
3) Pyridine	3.49	79	311285	32.429	ng	92
4) n-Nitrosodimethylamine	3.45	42	132411	32.530	ng	# 78
6) Aniline	6.52	93	310159	25.078	ng	99
8) 2-Chlorophenol	6.65	128	321187	38.181	ng	93
9) Benzaldehyde	6.40	77	118005	22.200	ng	96
10) Phenol	6.51	94	393827	38.428	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	299491	37.591	ng	97
12) 1,3-Dichlorobenzene	6.79	146	347081	39.397	ng	97
13) 1,4-Dichlorobenzene	6.87	146	352176	39.290	ng	99
14) 1,2-Dichlorobenzene	7.02	146	324750	39.210	ng	98
15) Benzyl Alcohol	7.00	79	247430	36.807	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	422187	34.012	ng	95
17) 2-Methylphenol	7.11	107	264512	38.429	ng	98
18) Hexachloroethane	7.36	117	122093	37.895	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	197919	33.829	ng	95
20) 3+4-Methylphenols	7.26	107	312434	35.881	ng	# 76
22) Acetophenone	7.26	105	418594	35.692	ng	# 94
24) Nitrobenzene	7.44	77	316794	36.999	ng	96
25) Isophorone	7.67	82	583212	37.372	ng	99
26) 2-Nitrophenol	7.75	139	183194	44.493	ng	92
27) 2,4-Dimethylphenol	7.79	122	296402	38.119	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	375571	38.618	ng	99
29) 2,4-Dichlorophenol	8.00	162	269797	40.413	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	275397	41.245	ng	100
31) Naphthalene	8.16	128	907854	39.933	ng	99
32) Benzoic acid	7.93	122	205257	32.136	ng	96
33) 4-Chloroaniline	8.20	127	162005	17.064	ng	96
34) Hexachlorobutadiene	8.27	225	138366	40.232	ng	99
35) Caprolactam	8.59	113	89063m	41.589	ng	
36) 4-Chloro-3-methylphenol	8.69	107	279044	37.187	ng	97
37) 2-Methylnaphthalene	8.85	142	623175	42.166	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	249497	38.462	ng	99
40) Hexachlorocyclopentadiene	9.00	237	175332	59.144	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099350.D
 Acq On : 11 Oct 2017 17:49
 Operator : SJ/JU
 Sample : PB103140BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:07:12 PM

Quant Time: Oct 12 01:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	178196	38.776	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	187089	40.782	nq	93
45) 1,1'-Biphenyl	9.31	154	718675	38.444	nq	99
46) 2-Chloronaphthalene	9.34	162	567495	40.432	nq	97
47) 2-Nitroaniline	9.44	65	159443	37.099	nq	90
48) Acenaphthylene	9.76	152	854989	39.792	nq	99
49) Dimethylphthalate	9.62	163	663040	40.388	nq	100
50) 2,6-Dinitrotoluene	9.68	165	150063	41.987	nq	# 85
51) Acenaphthene	9.93	154	501617	36.854	nq	100
52) 3-Nitroaniline	9.85	138	111976	26.870	nq	89
53) 2,4-Dinitrophenol	9.96	184	129012	70.110	nq	90
54) Dibenzofuran	10.10	168	751725	41.481	nq	100
55) 4-Nitrophenol	10.02	139	229968	65.262	nq	86
56) 2,4-Dinitrotoluene	10.09	165	194667	41.968	nq	# 93
57) Fluorene	10.44	166	591302	40.595	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	141910	44.781	nq	95
59) Diethylphthalate	10.31	149	634526	39.555	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	266613	40.748	nq	98
61) 4-Nitroaniline	10.47	138	167423	41.642	nq	86
62) Azobenzene	10.59	77	572492	38.813	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	89202	38.241	nq	79
65) n-Nitrosodiphenylamine	10.55	169	534617	40.252	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	155669	41.481	nq	# 88
67) Hexachlorobenzene	10.99	284	159526	39.801	nq	99
68) Atrazine	11.07	200	166854	41.754	nq	98
69) Pentachlorophenol	11.19	266	159468	63.928	nq	100
70) Phenanthrene	11.40	178	844880	41.170	nq	99
71) Anthracene	11.46	178	877968	41.812	nq	99
72) Carbazole	11.61	167	815091	39.640	nq	99
73) Di-n-butylphthalate	11.93	149	986193	39.846	nq	99
74) Fluoranthene	12.59	202	858097	41.293	nq	99
76) Benzidine	12.71	184	207912	24.933	nq	97
77) Pyrene	12.82	202	850930	49.497	nq	100
79) Butylbenzylphthalate	13.43	149	383174	47.425	nq	93
80) Benzo(a)anthracene	14.00	228	594031	43.513	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	151257	30.224	nq	98
82) Chrysene	14.04	228	555996	42.779	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	492490	44.268	nq	99
84) Di-n-octyl phthalate	14.59	149	668019	37.290	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	527326	50.720	nq	96
87) Benzo(b)fluoranthene	15.05	252	476442m	44.011	nq	
88) Benzo(k)fluoranthene	15.09	252	427856	40.015	nq	97
89) Benzo(a)pyrene	15.42	252	442823	44.563	nq	97
90) Dibenzo(a,h)anthracene	16.98	278	433533	54.515	nq	97
91) Benzo(g,h,i)perylene	17.42	276	471379	59.965	nq	95

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

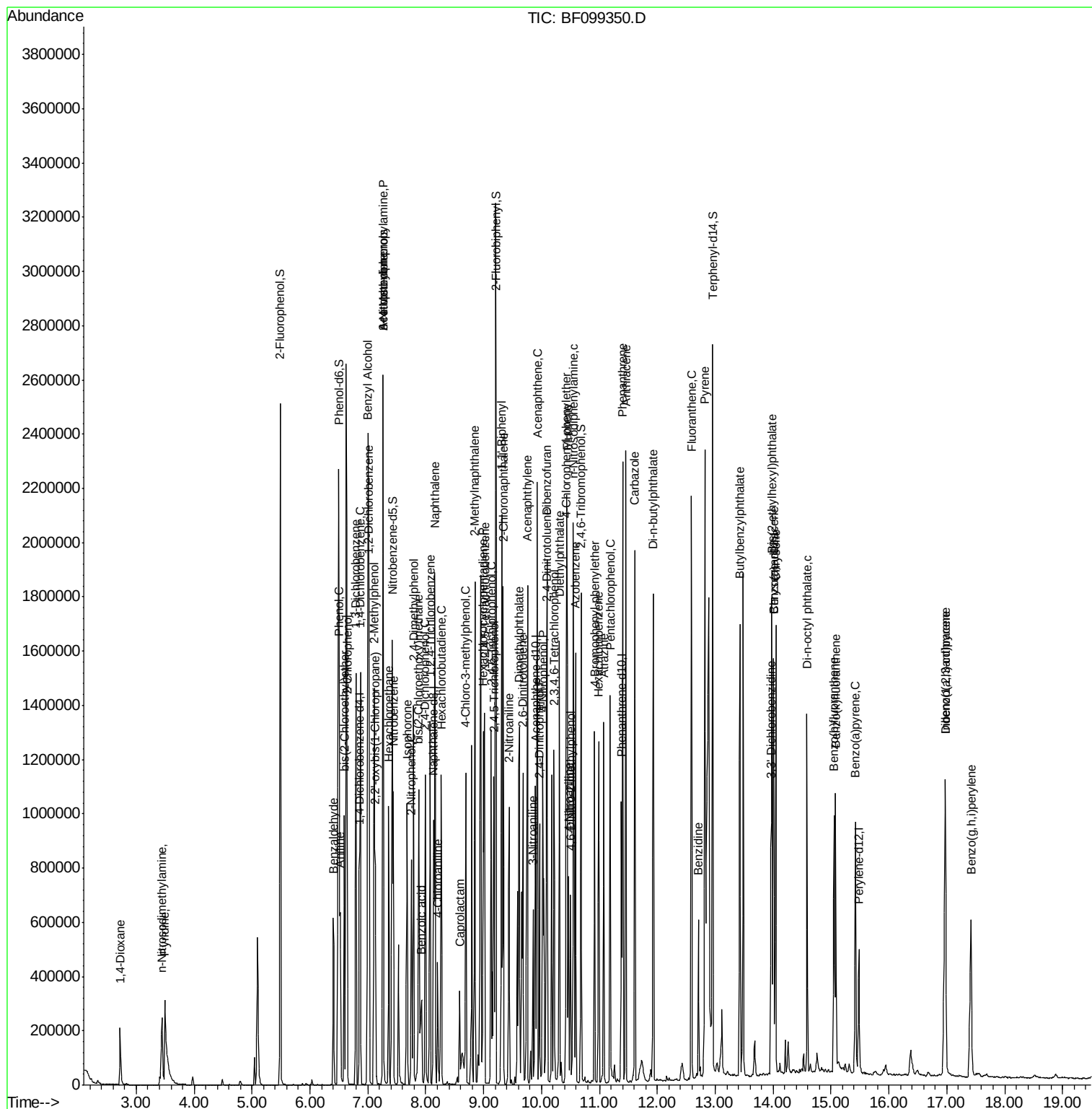
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\  
Data File : BF099350.D  
Acq On    : 11 Oct 2017  17:49  
Operator  : SJ/JU  
Sample    : PB103140BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```

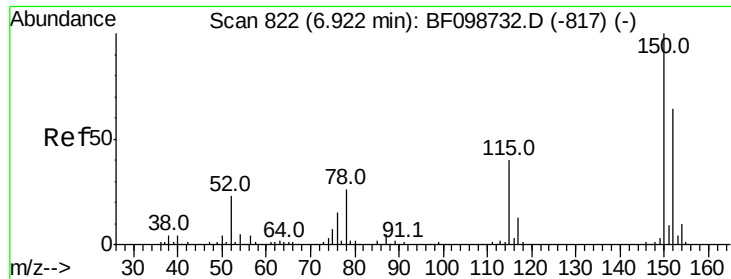
Instrument :
BNA_F
ClientSampleId :
PB103140BS

Manual Integrations APPROVED

Sohil
10/13/2017 12:07:12 PM

Quant Time: Oct 12 01:03:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

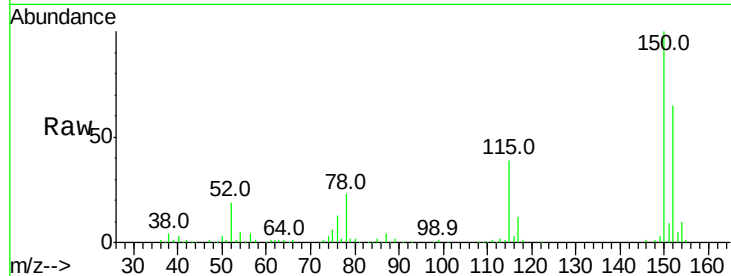
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

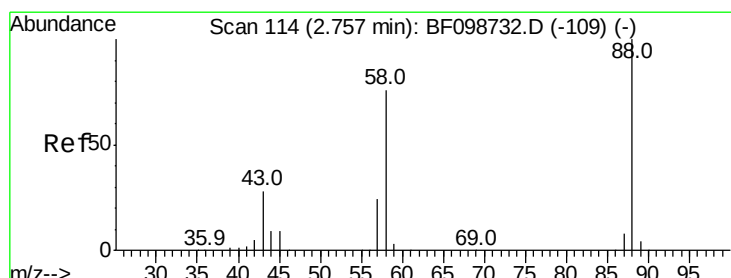
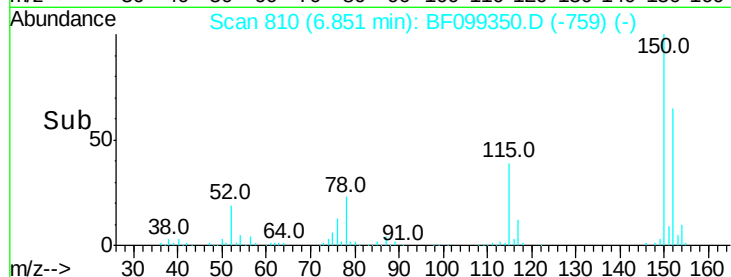
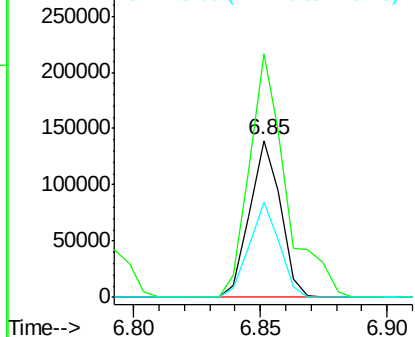
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	60.5	50.1	75.1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

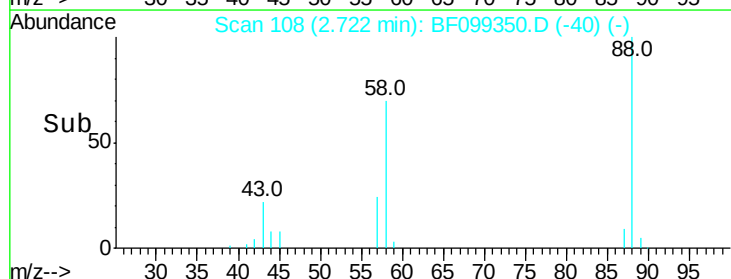
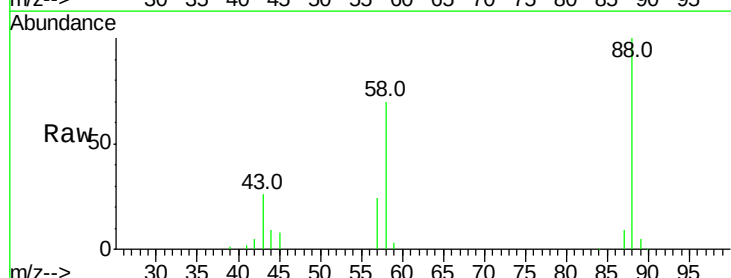
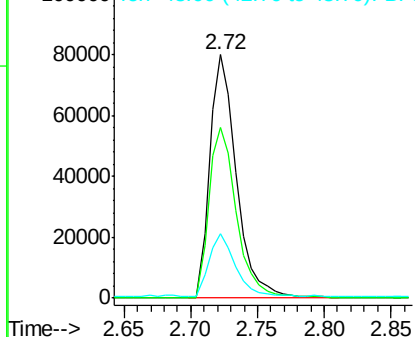


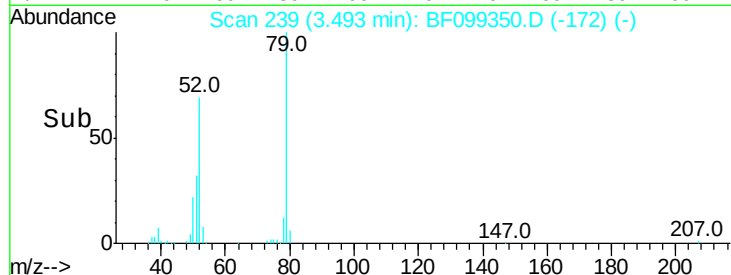
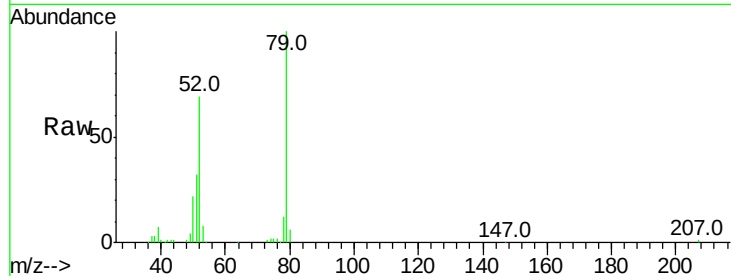
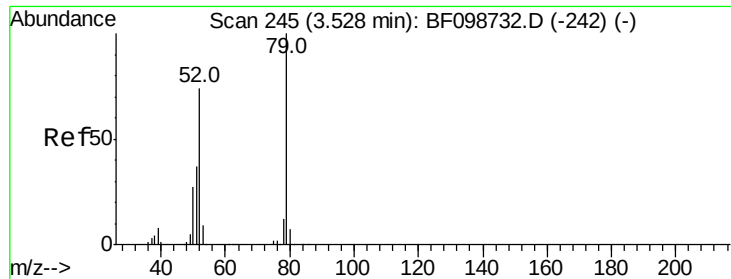
#2

1,4-Dioxane
Concen: 31.580 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.10 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	62.6	93.8
43	26.1	24.6	37.0

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.429 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.09 min

Lab File: BF099350.D

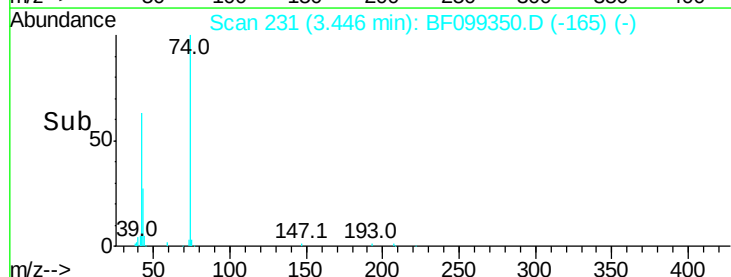
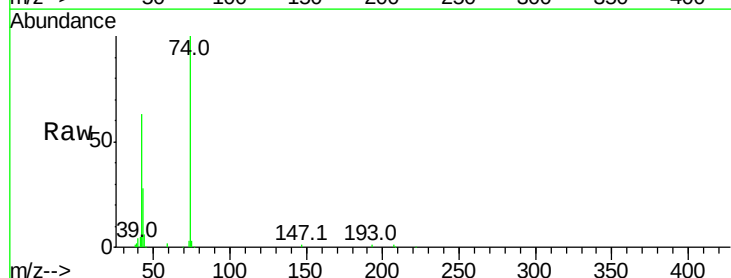
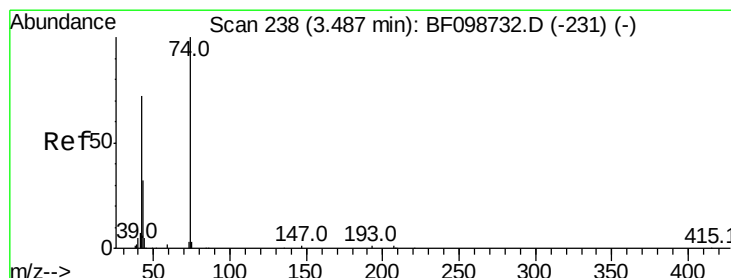
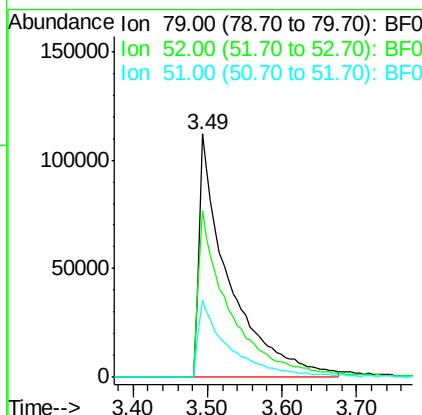
Acq: 11 Oct 2017 17:49

Tot Ion	Ratio	Resp	Lower	Upper
79	100	311285		
52	68.8		59.8	89.6
51	31.8		29.8	44.8

Instrument :
BNA_F
ClientSampled :
PB103140BS

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#4

n-Nitrosodimethylamine

Concen: 32.530 ng

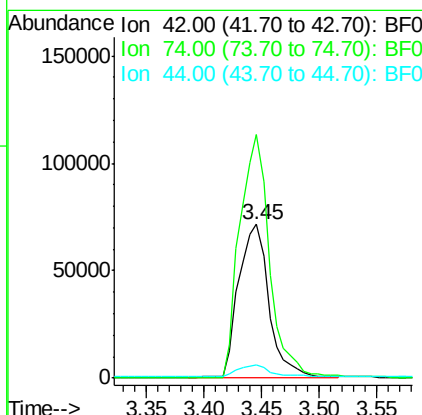
RT: 3.45 min Scan# 231

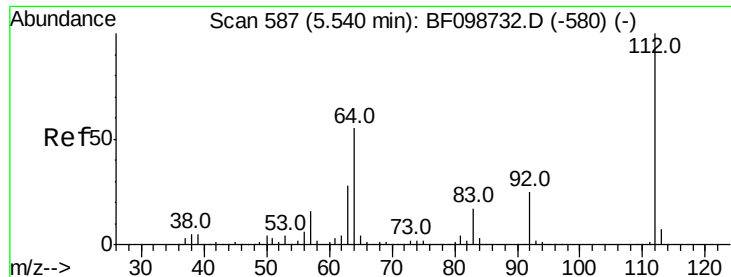
Delta R.T. 0.09 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	132411		
74	158.3		104.9	157.3#
44	8.7		6.9	10.3





#5

2-Fluorophenol

Concen: 118.477 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

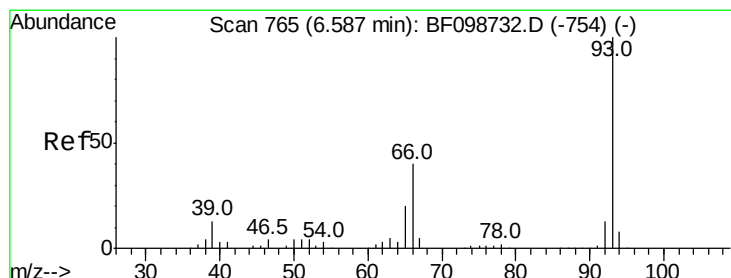
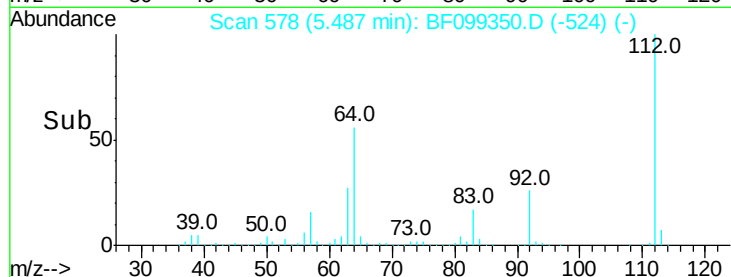
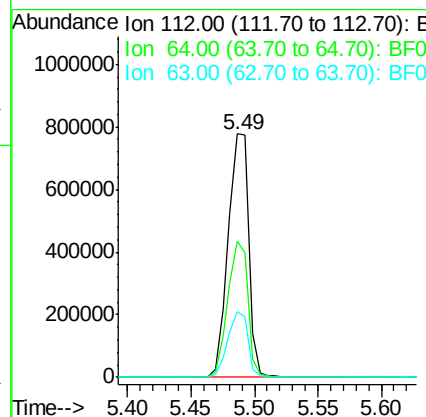
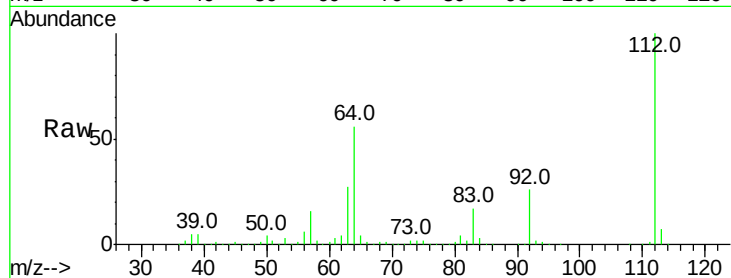
ClientSampled :

PB103140BS

Tot Ion:	112	Resp:	880075
Ion Ratio		Lower	Upper
112	100		
64	56.1	47.9	71.9
63	26.8	23.7	35.5

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#6

Aniline

Concen: 25.078 ng

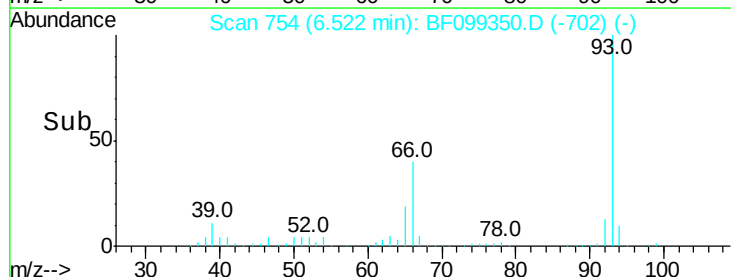
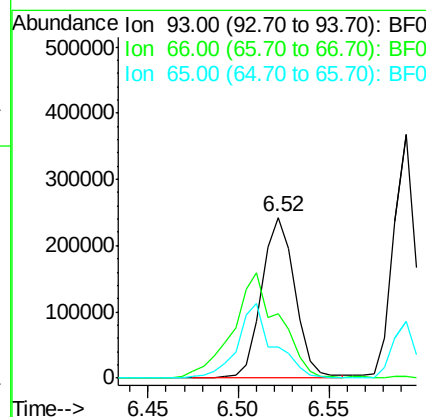
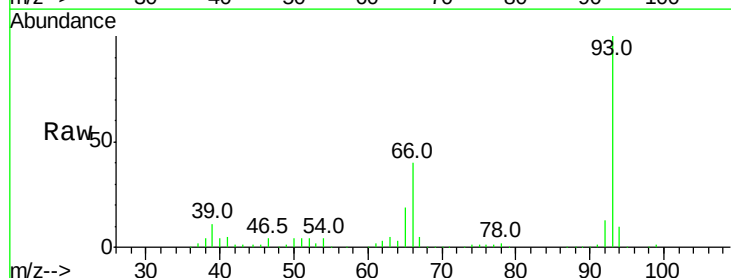
RT: 6.52 min Scan# 754

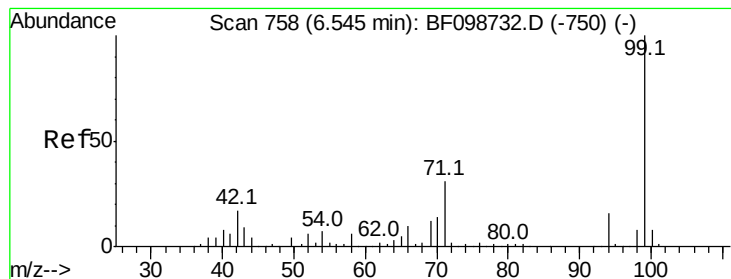
Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	93	Resp:	310159
Ion Ratio		Lower	Upper
93	100		
66	39.9	32.2	48.2
65	19.1	16.4	24.6





#7

Phenol-d6

Concen: 114.196 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

PB103140BS

Tot Ion: 99 Resp: 1046446

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

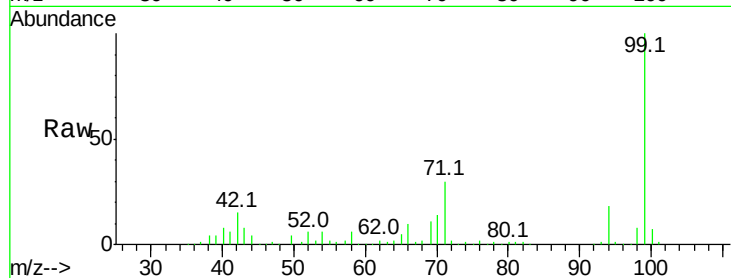
71 30.0 25.4 38.0

Manual Integrations

APPROVED

Sohil

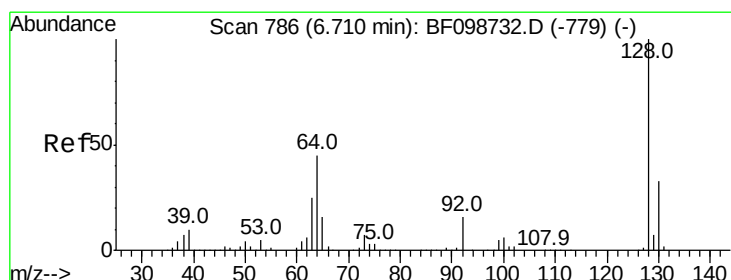
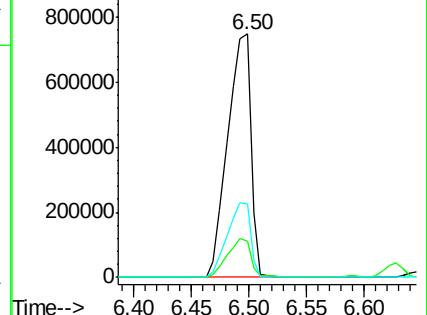
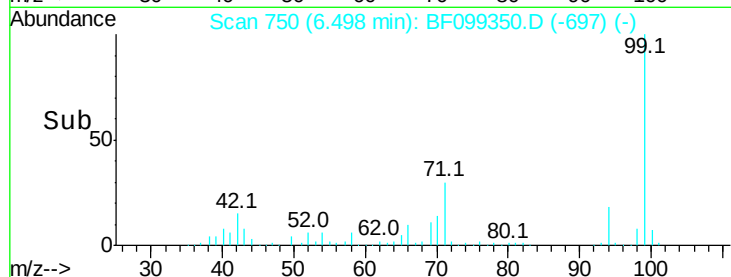
10/13/2017 12:07:12 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.181 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

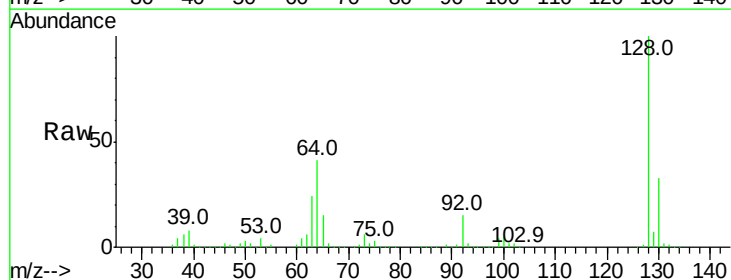
Tgt Ion: 128 Resp: 321187

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

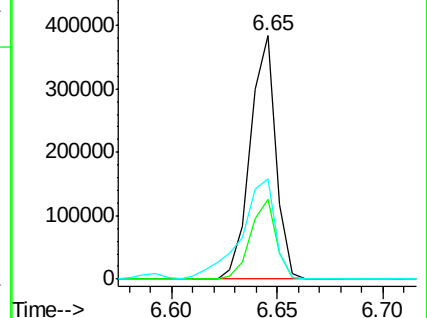
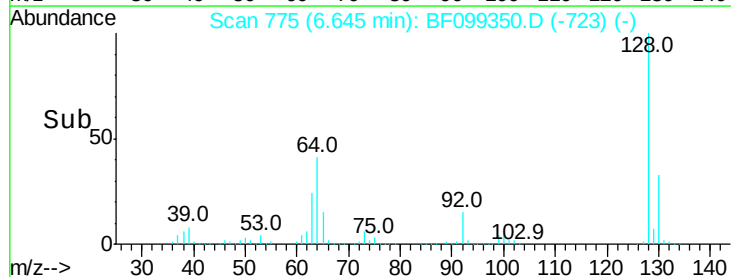
64 41.0 29.4 69.4

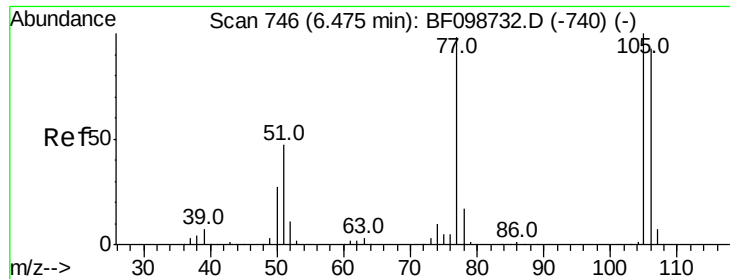


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.200 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

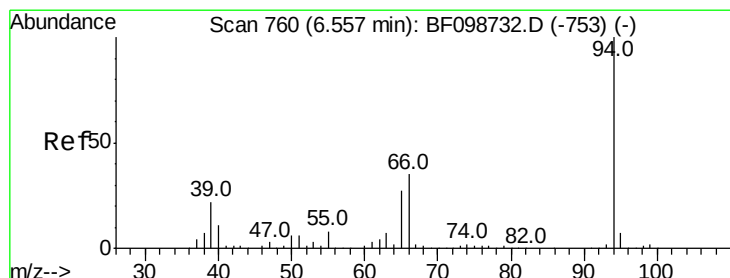
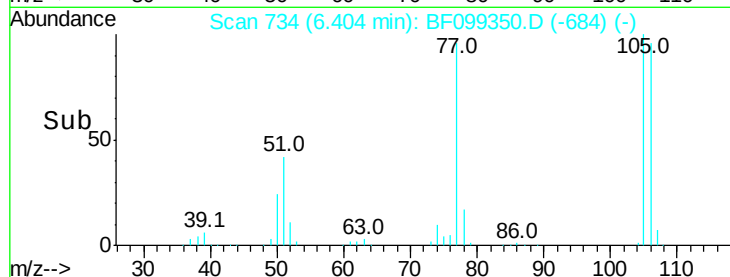
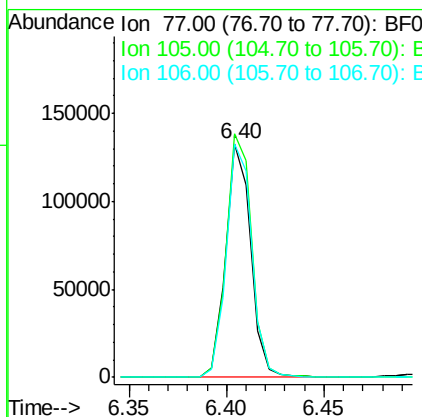
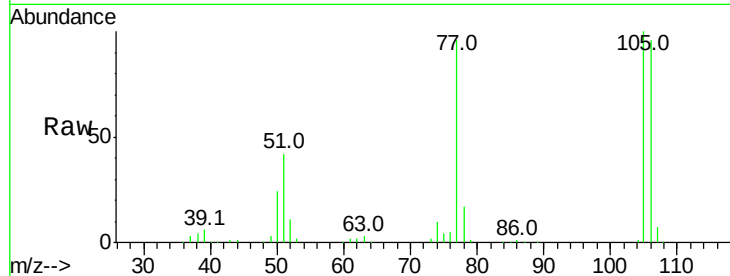
ClientSampleId :

PB103140BS

Tot Ion:	77	Resp:	118005
Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.1	121.1
106	99.5	74.5	114.5

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#10

Phenol

Concen: 38.428 ng

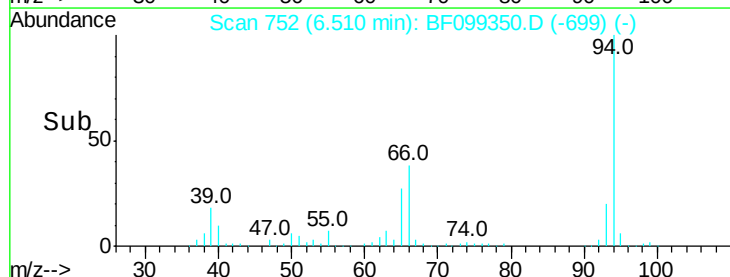
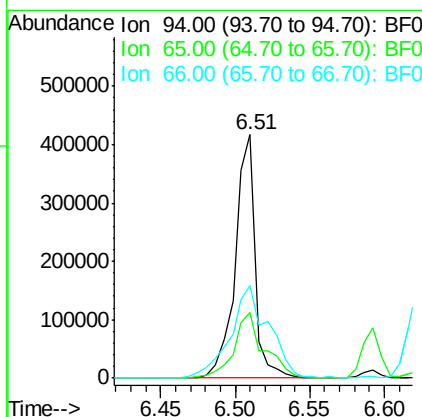
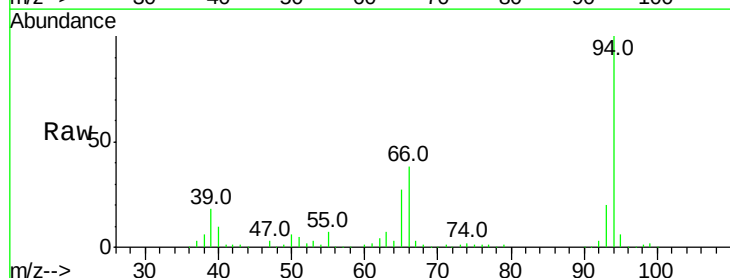
RT: 6.51 min Scan# 752

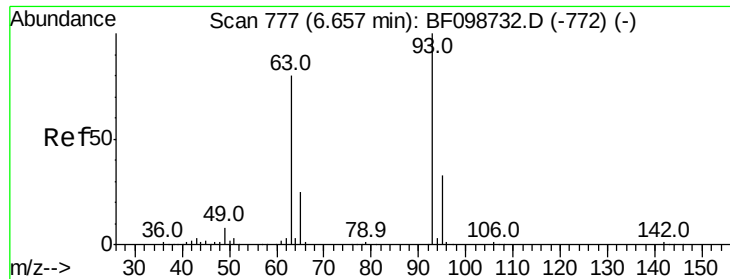
Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	94	Resp:	393827
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	38.2	16.2	56.2





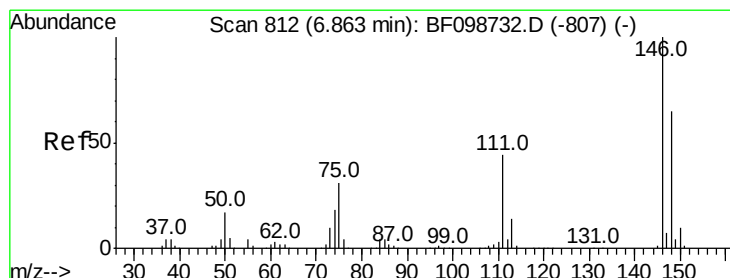
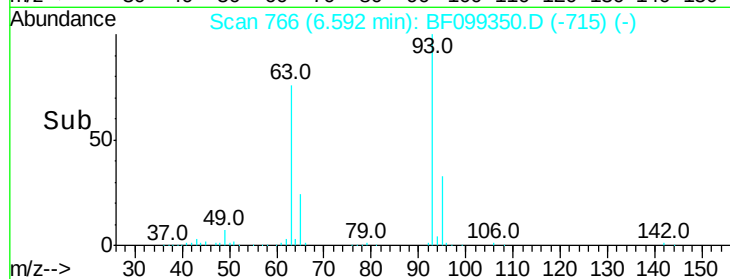
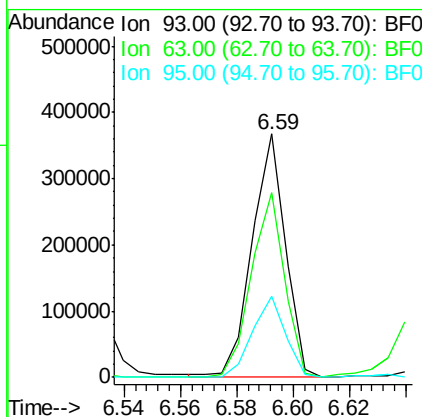
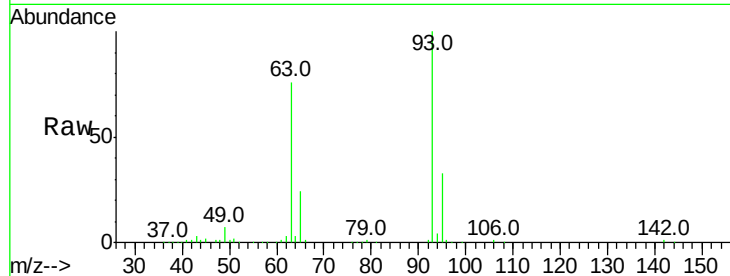
#11
bis(2-Chloroethyl)ether
Concen: 37.591 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion:	93	Resp:	299491
Ion Ratio	Lower	Upper	
93	100		
63	75.8	58.6	98.6
95	33.3	11.8	51.8

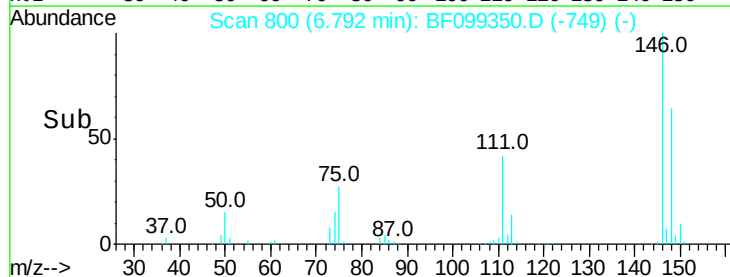
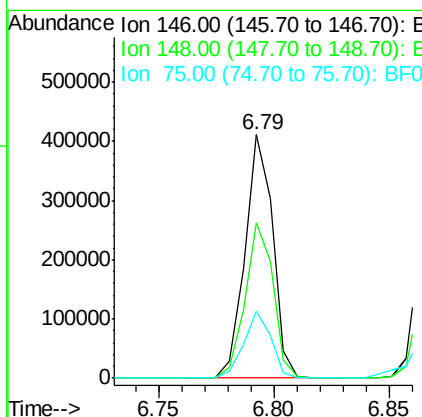
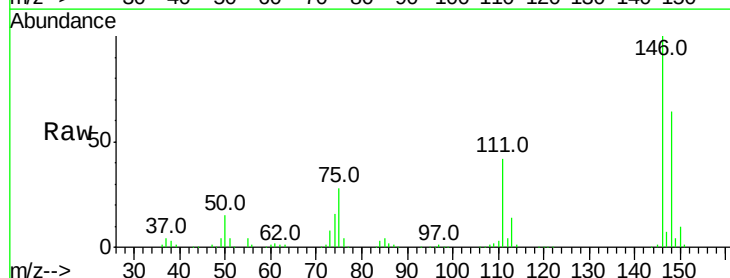
Manual Integrations
APPROVED

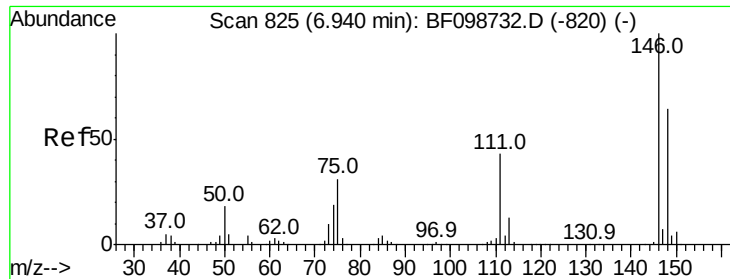
Sohil
10/13/2017 12:07:12 PM



#12
1,3-Dichlorobenzene
Concen: 39.397 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:	146	Resp:	347081
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	27.5	24.2	36.4





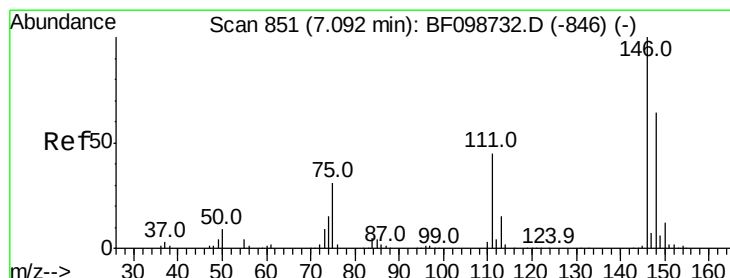
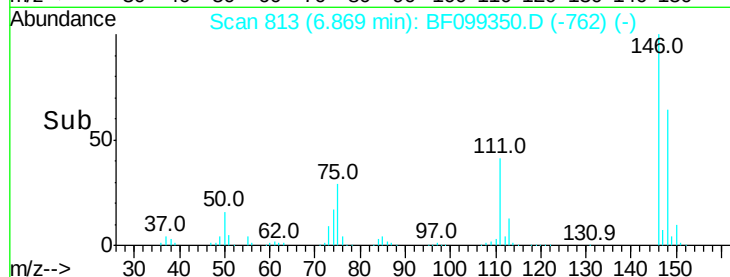
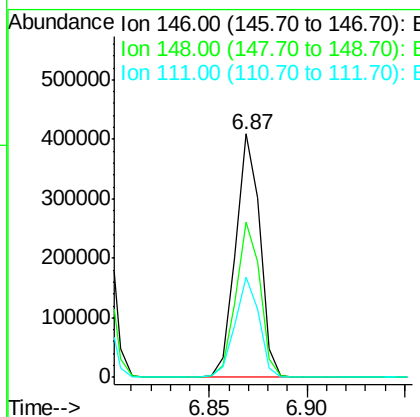
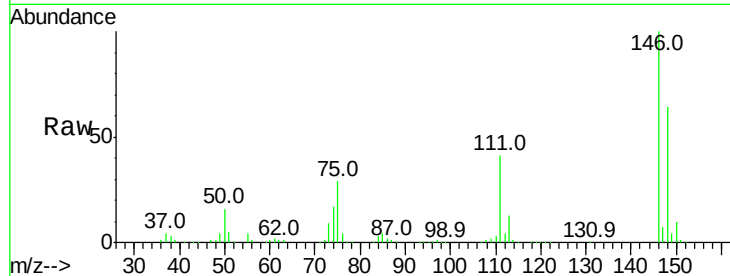
#13
 1,4-Dichlorobenzene
 Concen: 39.290 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampled :
 PB103140BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.3	34.2	51.2

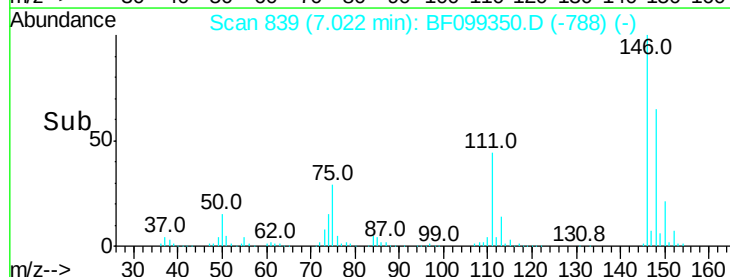
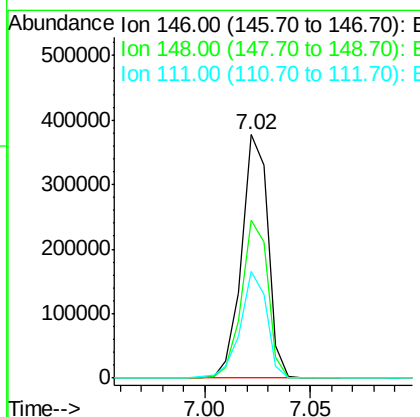
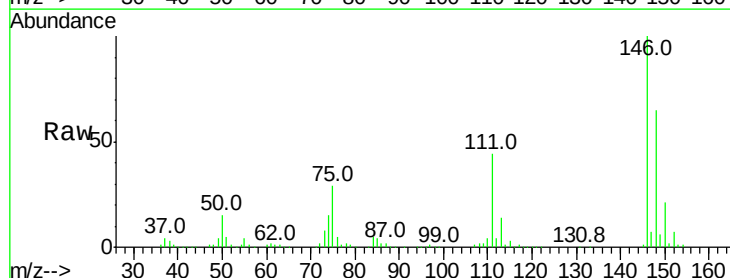
Manual Integrations
 APPROVED

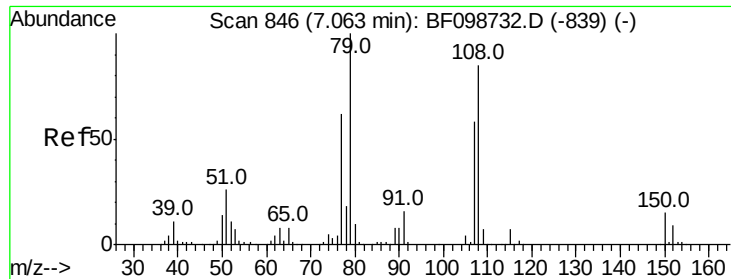
Sohil
 10/13/2017 12:07:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.210 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	43.8	36.0	54.0





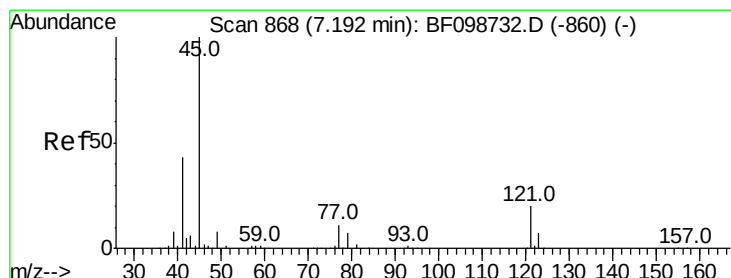
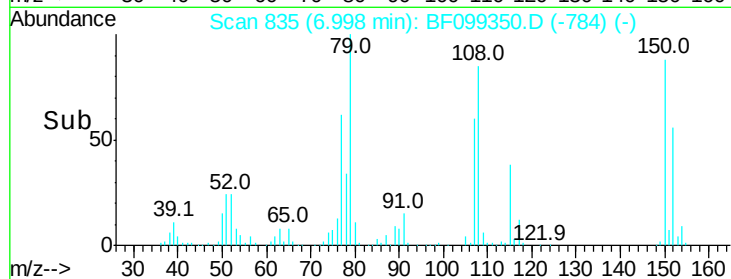
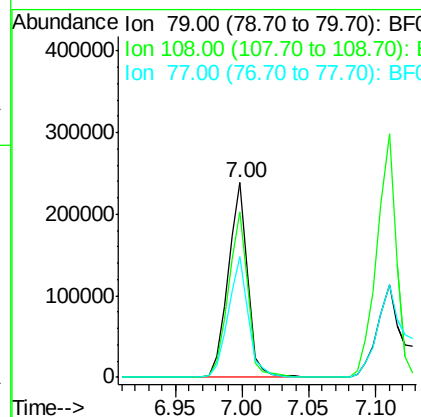
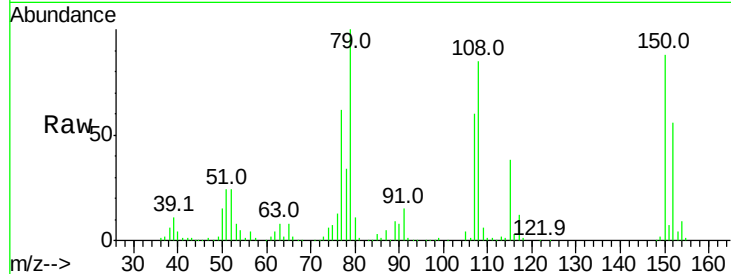
#15
Benzyl Alcohol
Concen: 36.807 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampled :
PB103140BS

Tot Ion:	79	Resp:	247430
Ion Ratio	Lower	Upper	
79	100		
108	85.1	65.1	97.7
77	61.9	50.6	75.8

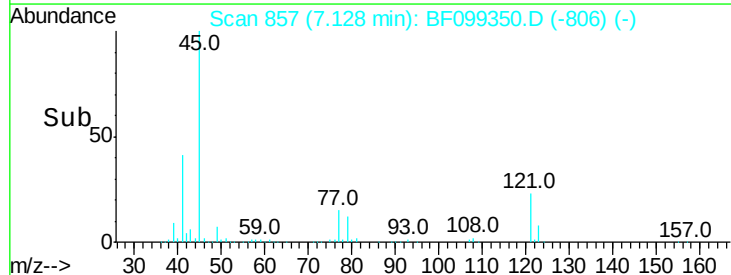
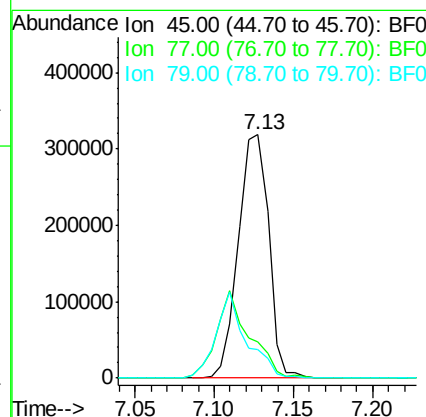
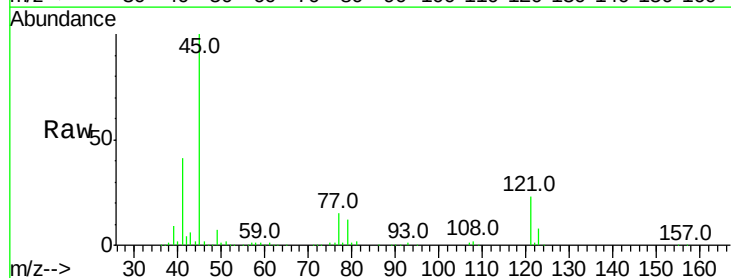
Manual Integrations
APPROVED

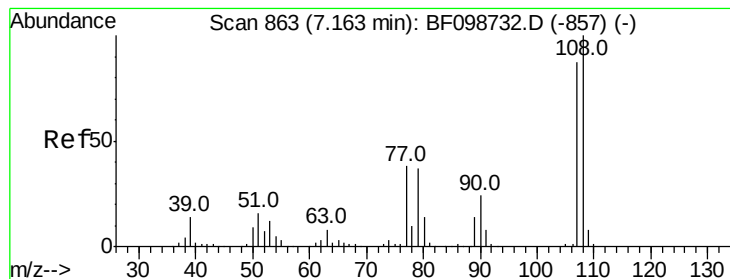
Sohil
10/13/2017 12:07:12 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.012 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:	45	Resp:	422187
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	32.9
79	11.8	0.0	29.6





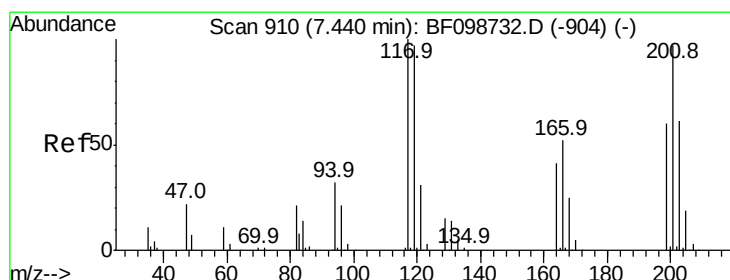
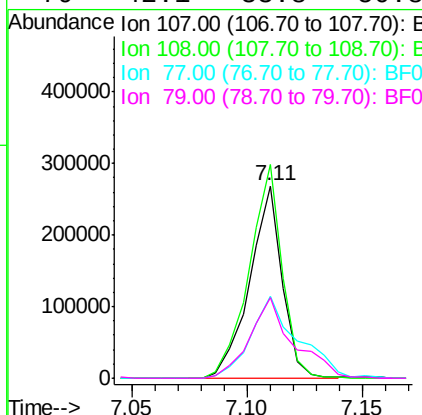
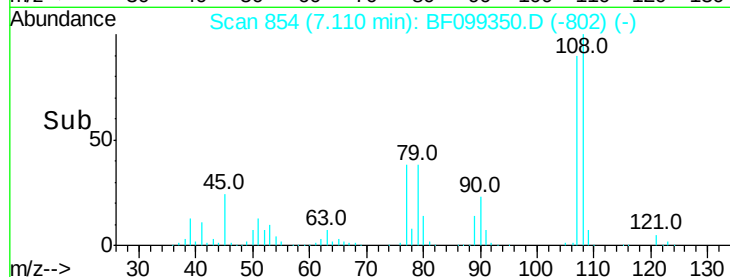
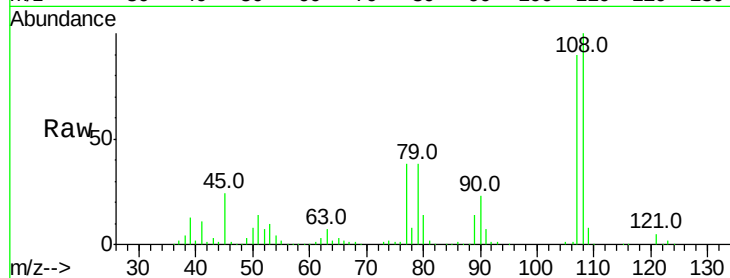
#17
2-Methylphenol
Concen: 38.429 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.7	137.5	
77	42.5	33.8	50.8	
79	42.1	33.8	50.8	

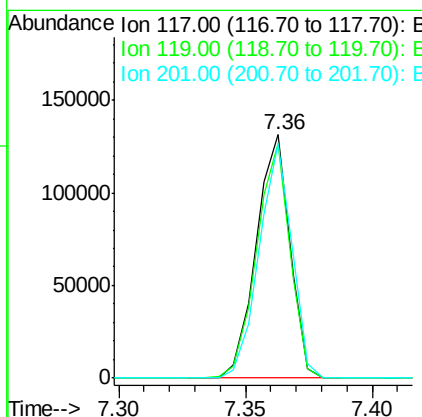
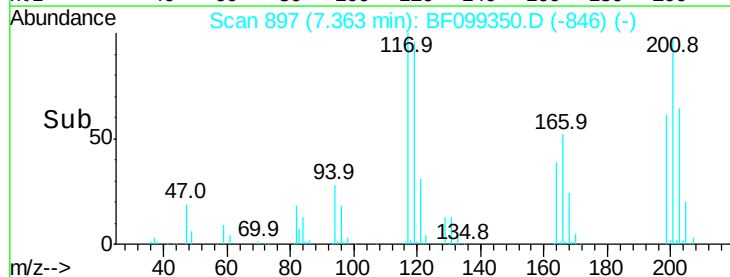
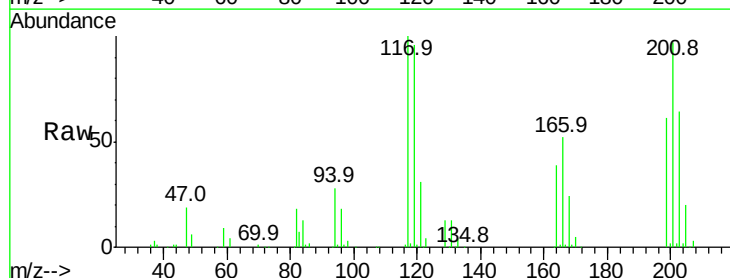
Manual Integrations
APPROVED

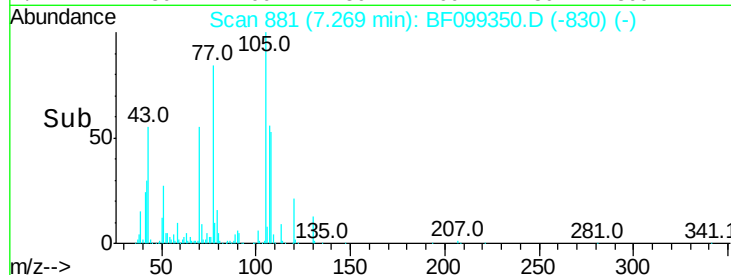
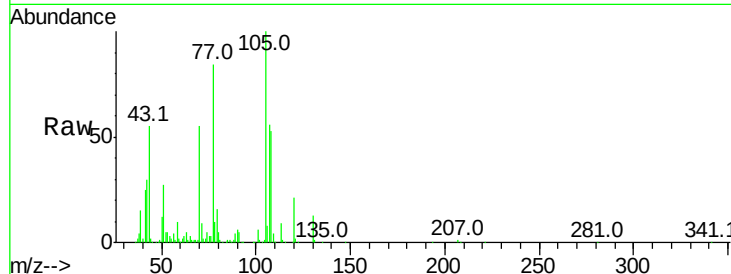
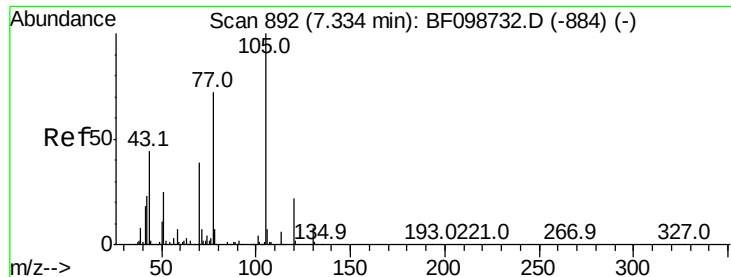
Sohil
10/13/2017 12:07:12 PM



#18
Hexachloroethane
Concen: 37.895 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	96.6	75.7	113.5	





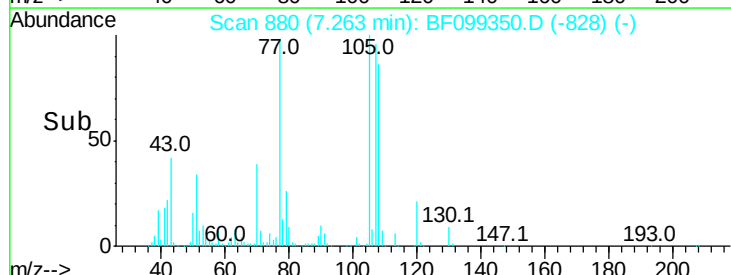
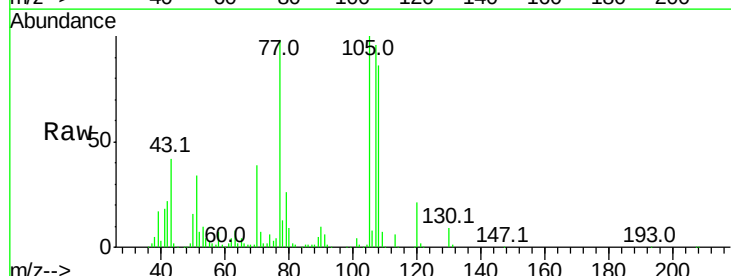
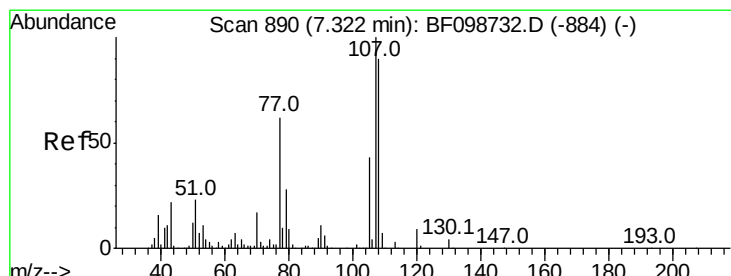
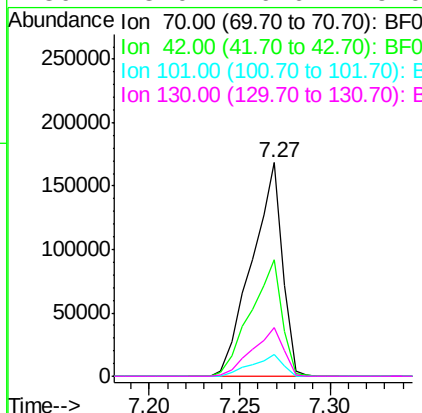
#19
n-Nitroso-di-n-propylamine
Concen: 33.829 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	70	Resp	197919
Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.5	71.3
101	10.0	7.4	11.2
130	23.0	16.6	25.0

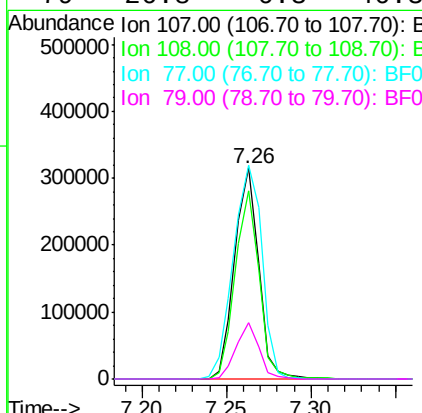
Manual Integrations
APPROVED

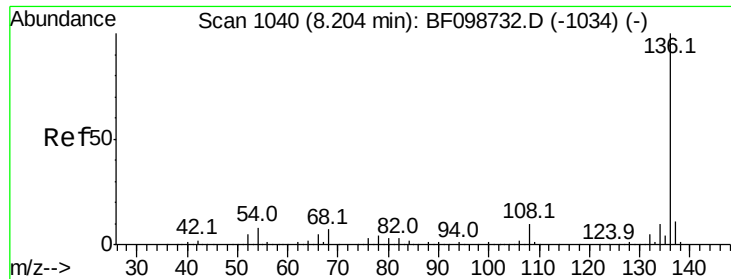
Sohil
10/13/2017 12:07:12 PM



#20
3+4-Methylphenols
Concen: 35.881 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	107	Resp	312434
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	101.2	26.7	66.7#
79	26.8	6.3	46.3





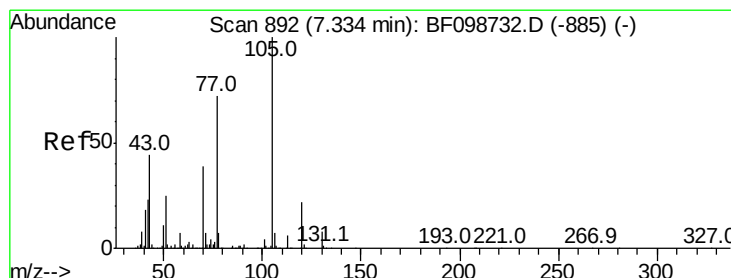
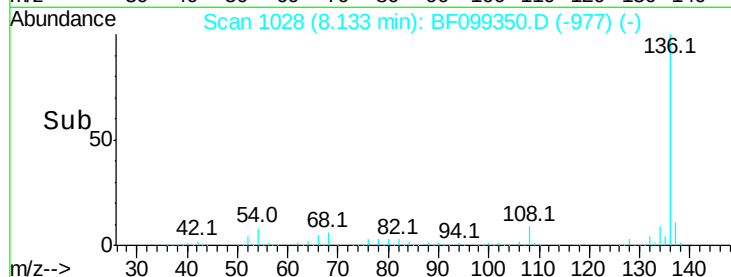
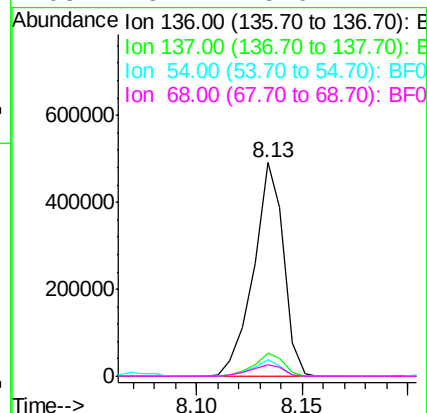
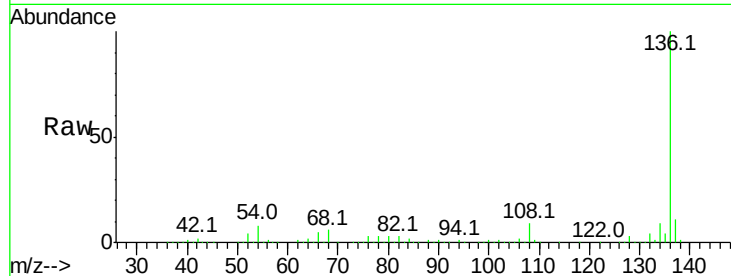
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	484057		
137	10.8		8.9	13.3
54	7.6		6.6	9.8
68	5.7		5.0	7.4

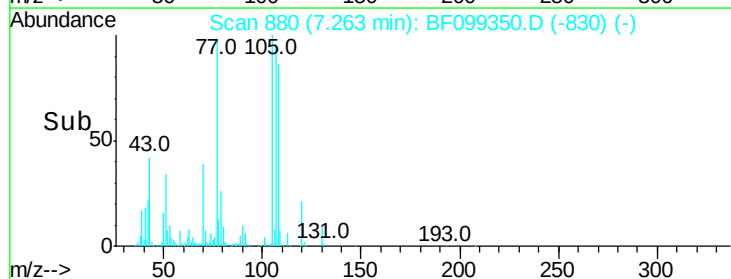
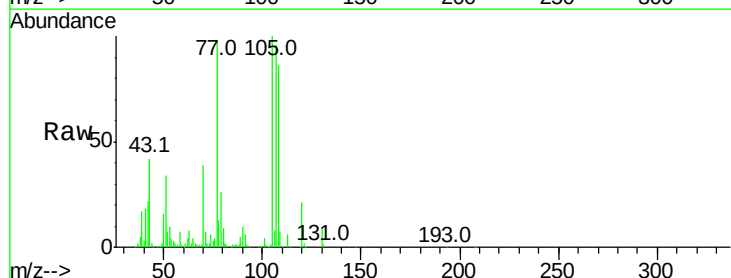
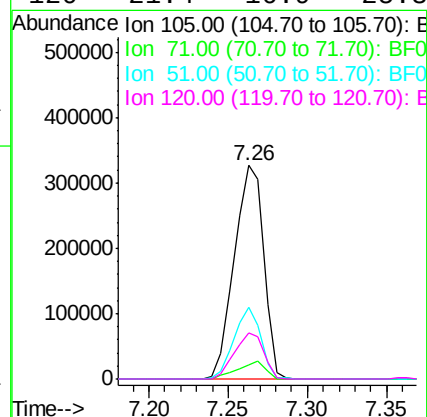
Manual Integrations
APPROVED

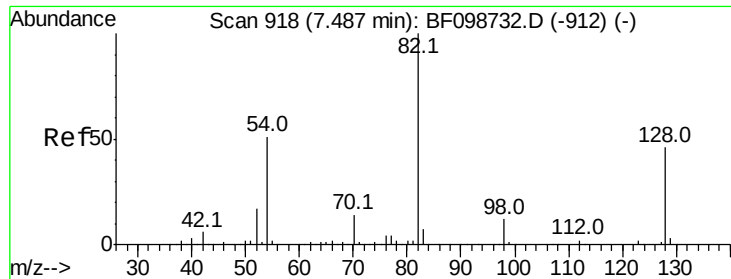
Sohil
10/13/2017 12:07:12 PM



#22
Acetophenone
Concen: 35.692 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	418594		
71	6.7		4.4	6.6#
51	33.5		22.3	33.5#
120	21.4		16.9	25.3





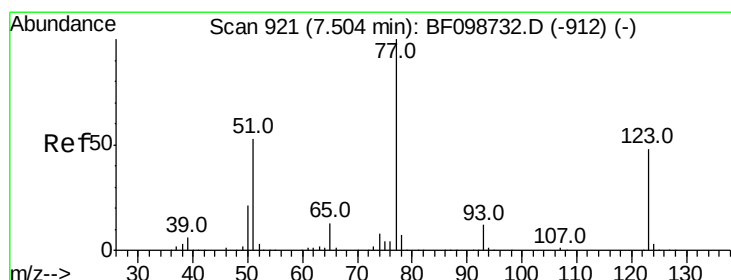
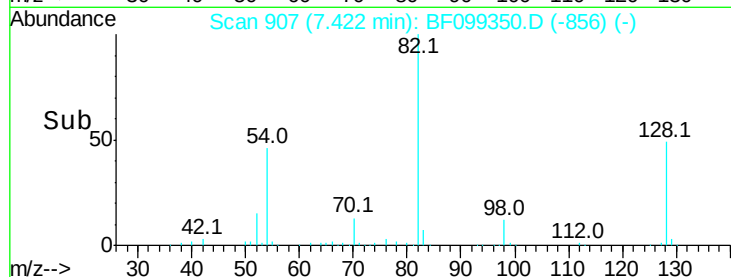
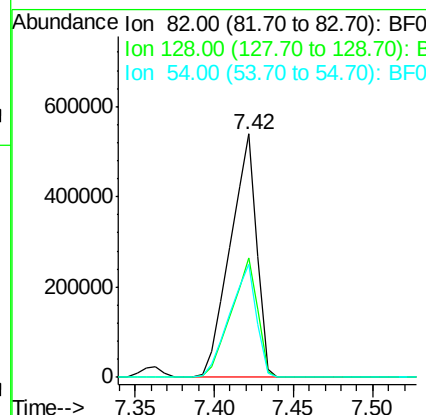
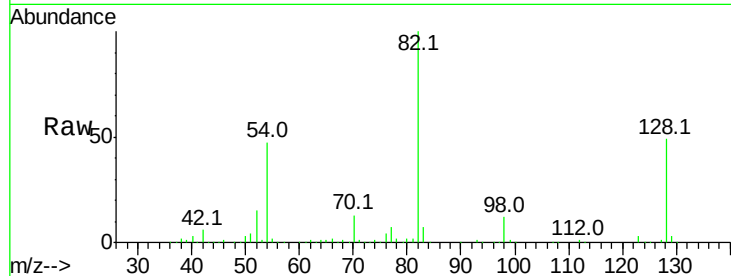
#23
 Nitrobenzene-d5
 Concen: 82.901 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	46.6	41.4	62.2

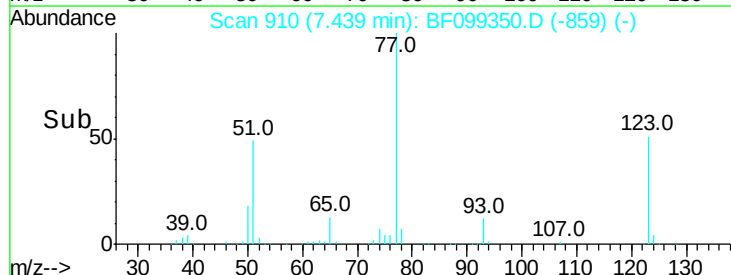
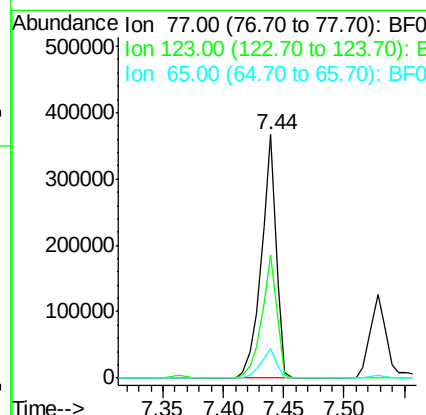
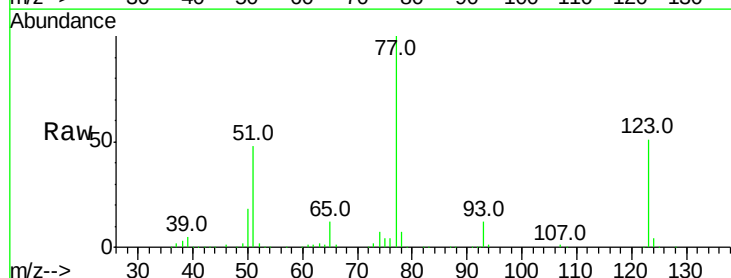
Manual Integrations
 APPROVED

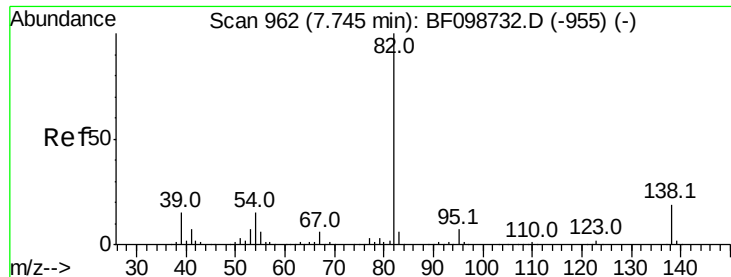
Sohil
 10/13/2017 12:07:12 PM



#24
 Nitrobenzene
 Concen: 36.999 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.9	56.9
65	12.4	11.0	16.4





#25

Isophorone

Concen: 37.372 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

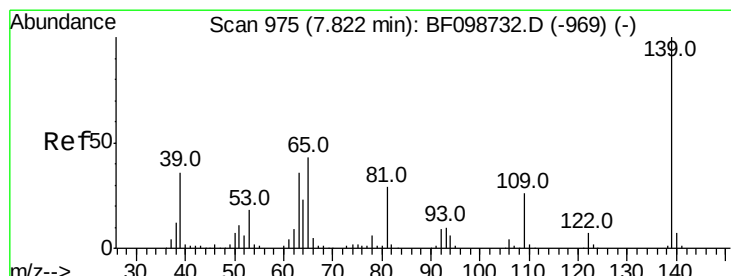
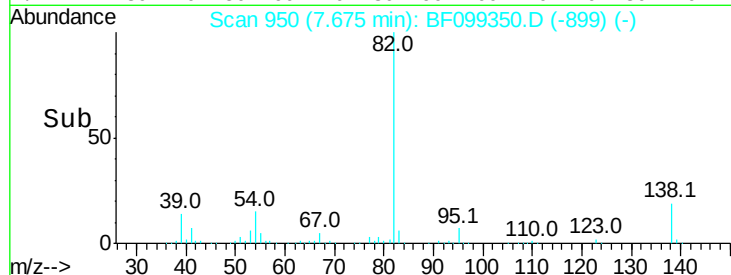
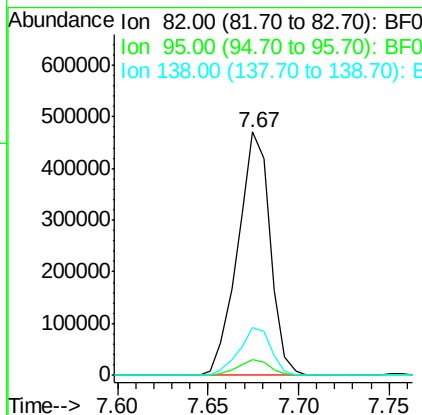
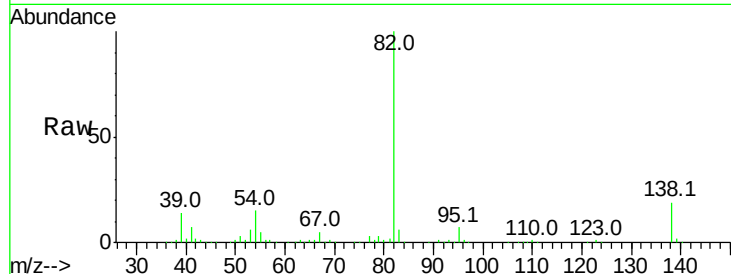
ClientSampleId :

PB103140BS

Tot Ion:	82	Resp:	583212
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#26

2-Nitrophenol

Concen: 44.493 ng

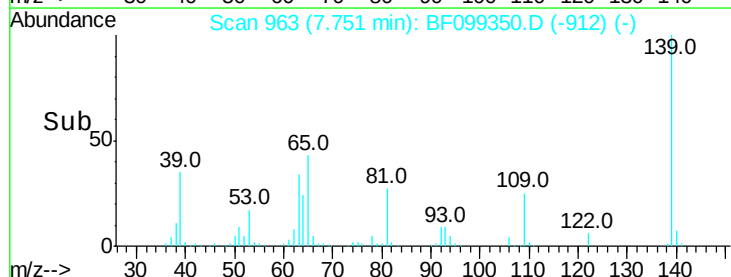
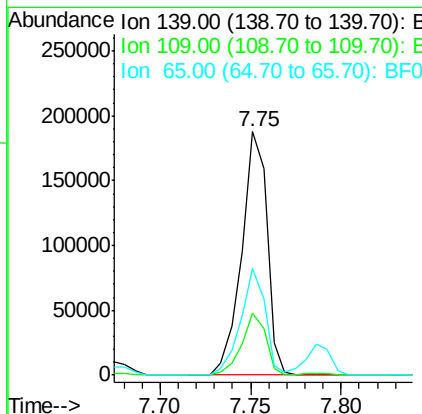
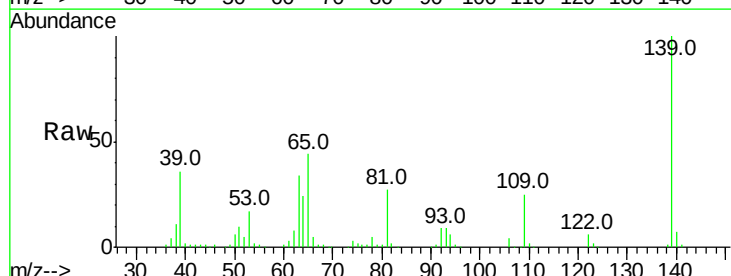
RT: 7.75 min Scan# 963

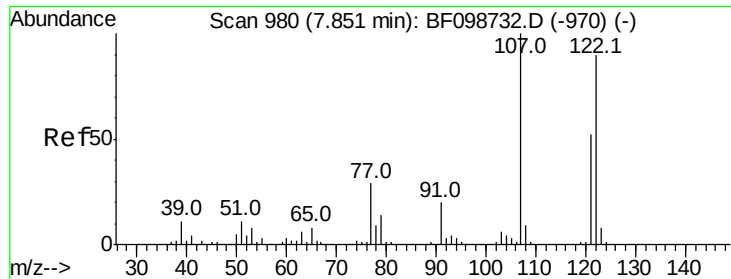
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	139	Resp:	183194
Ion Ratio	Lower	Upper	
139	100		
109	25.5	22.7	34.1
65	43.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 38.119 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

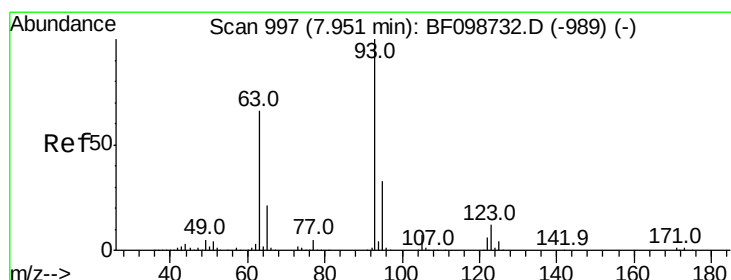
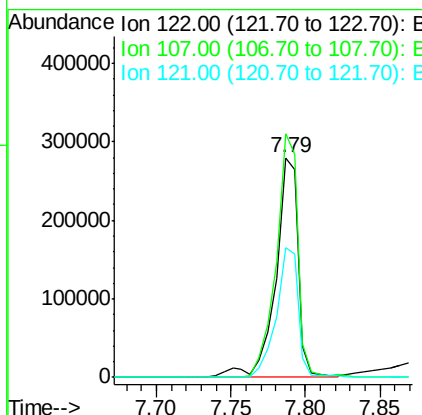
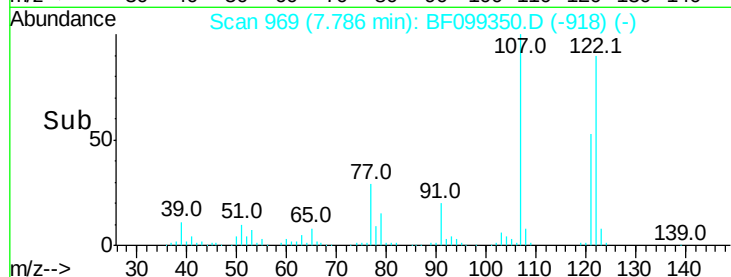
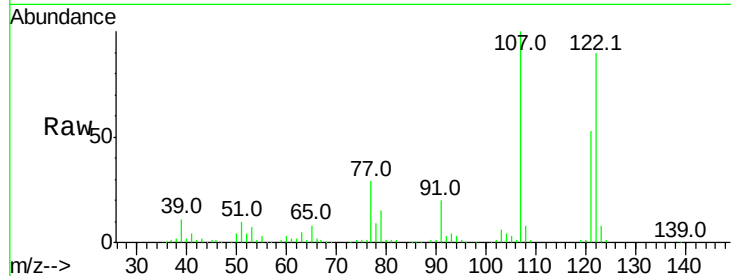
ClientSampleId :

PB103140BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
296402	122	100			
	107	110.8	91.2	136.8	
	121	58.8	47.2	70.8	

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.618 ng

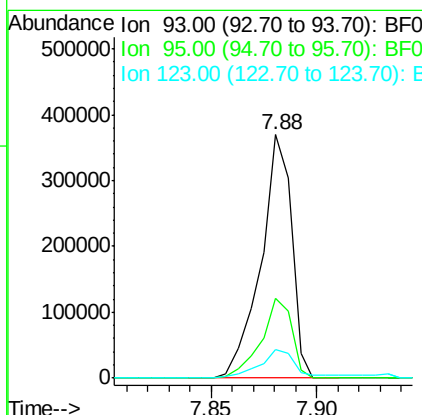
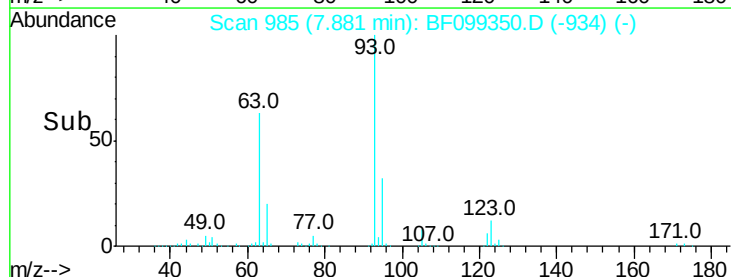
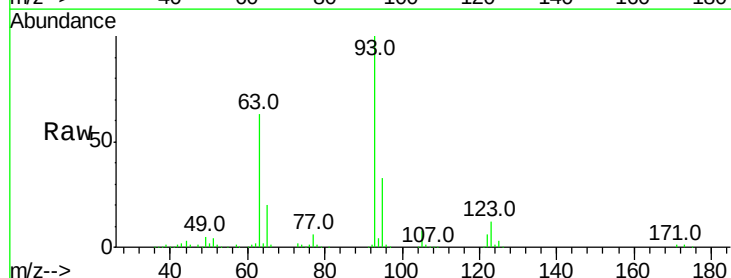
RT: 7.88 min Scan# 985

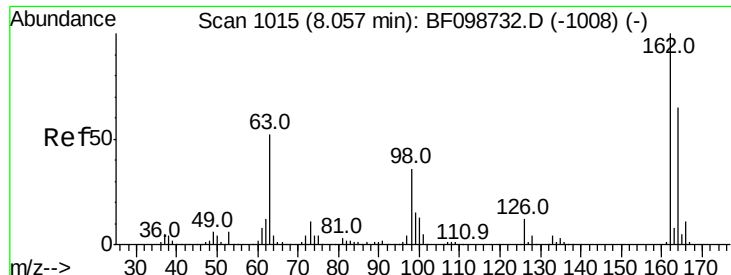
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
375571	93	100			
	95	32.5	26.3	39.5	
	123	11.8	9.8	14.6	





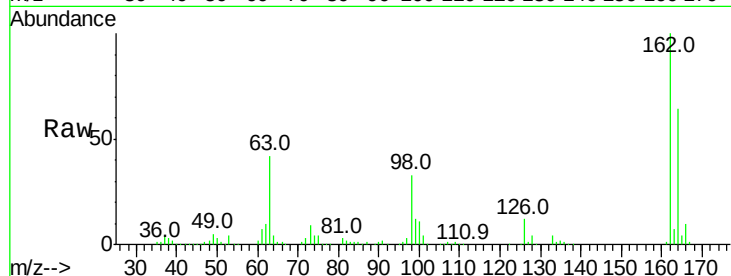
#29
 2,4-Dichlorophenol
 Concen: 40.413 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampled :
 PB103140BS

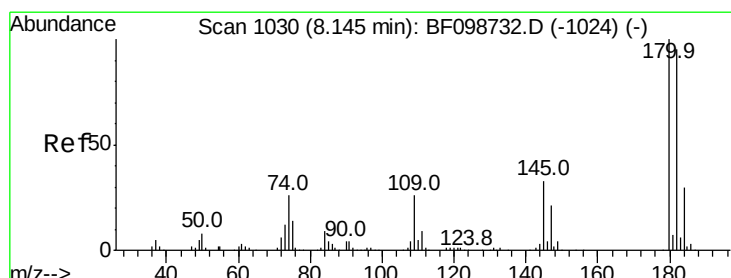
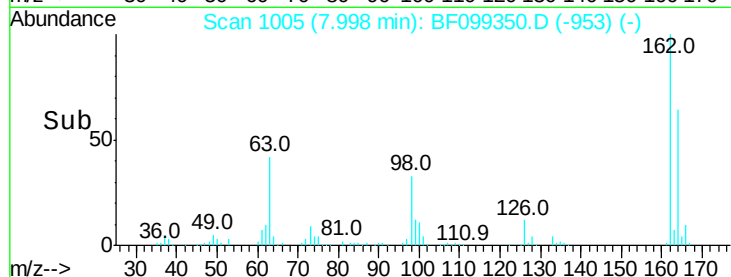
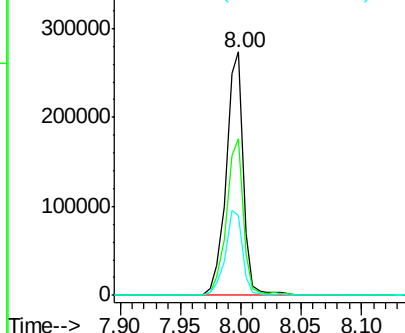
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	42.7	82.7
98	33.0	18.1	58.1

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:07:12 PM



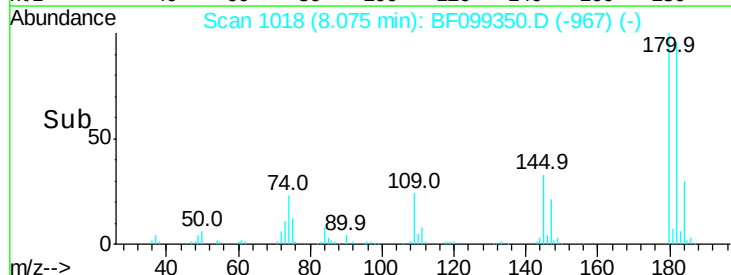
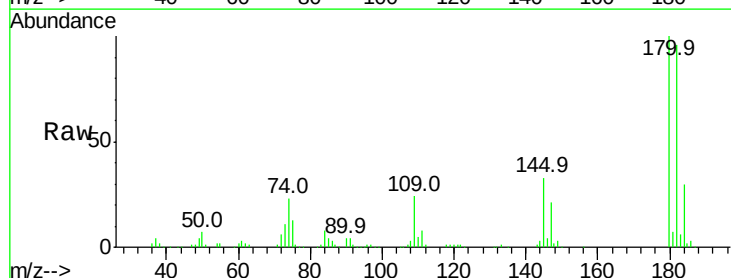
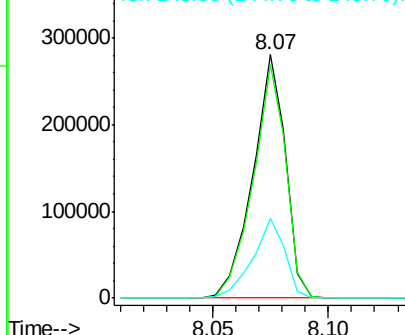
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

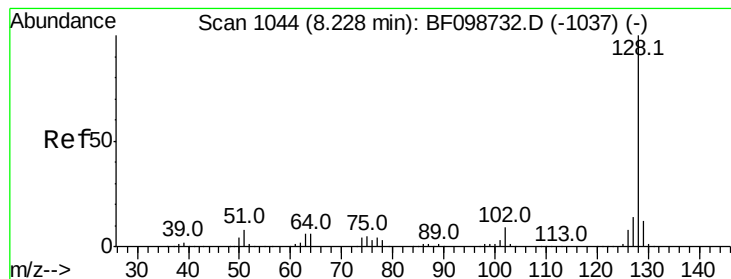


#30
 1,2,4-Trichlorobenzene
 Concen: 41.245 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	76.8	115.2
145	32.6	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.933 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

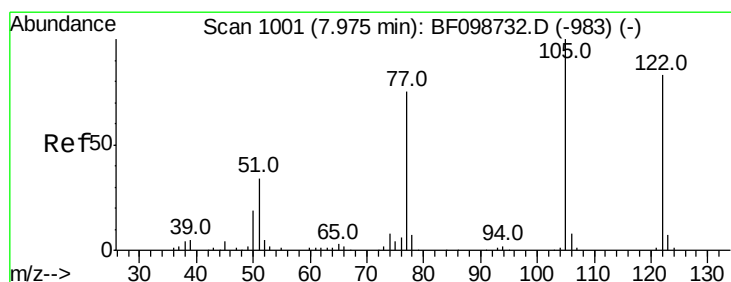
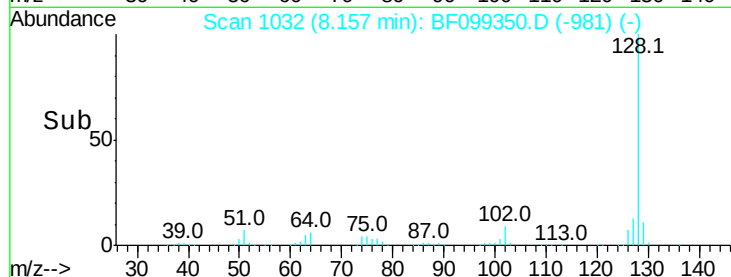
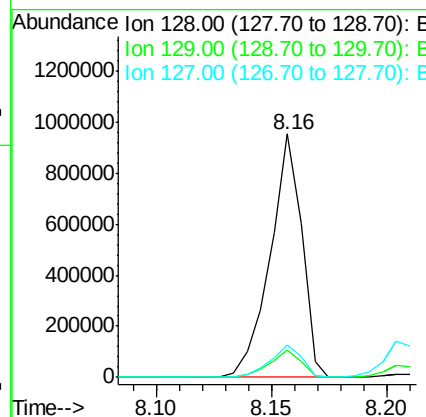
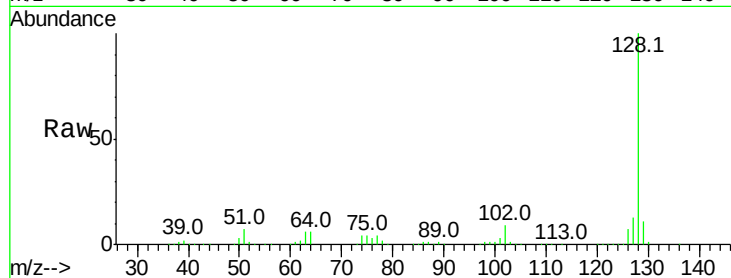
ClientSampleId :

PB103140BS

Tot Ion:	128	Resp:	907854
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#32

Benzoic acid

Concen: 32.136 ng

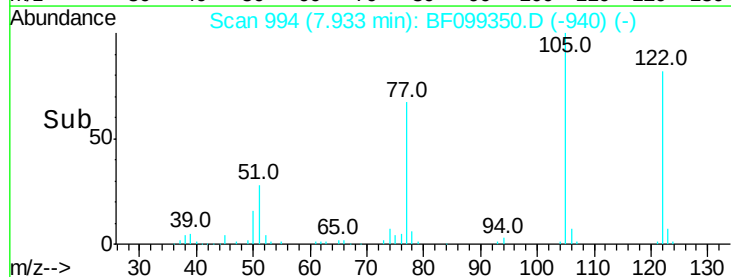
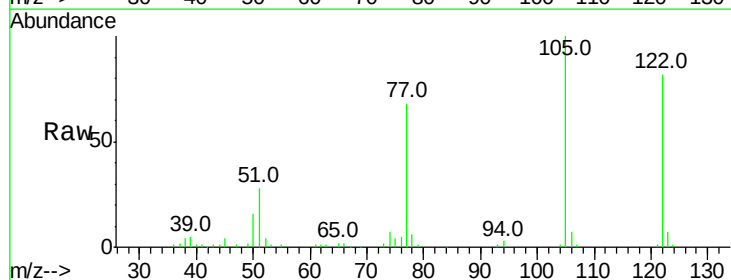
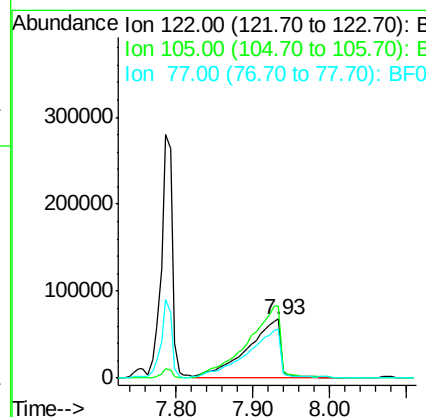
RT: 7.93 min Scan# 994

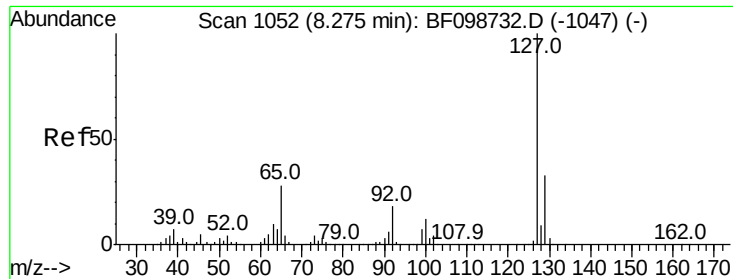
Delta R.T. 0.02 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	122	Resp:	205257
Ion Ratio	Lower	Upper	
122	100		
105	122.1	101.1	141.1
77	82.8	70.7	110.7





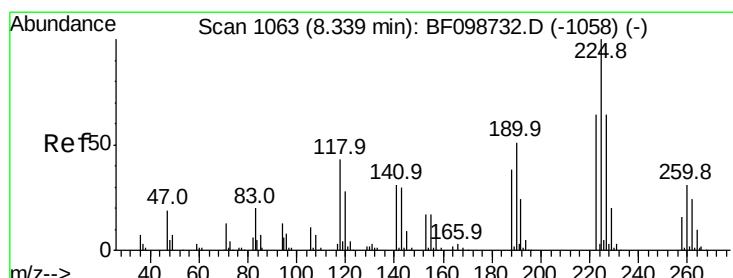
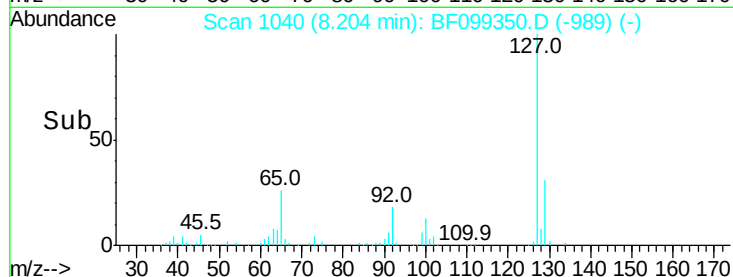
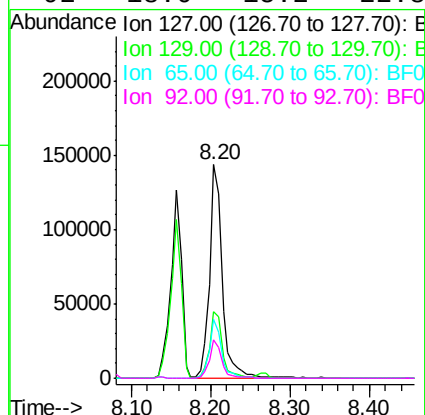
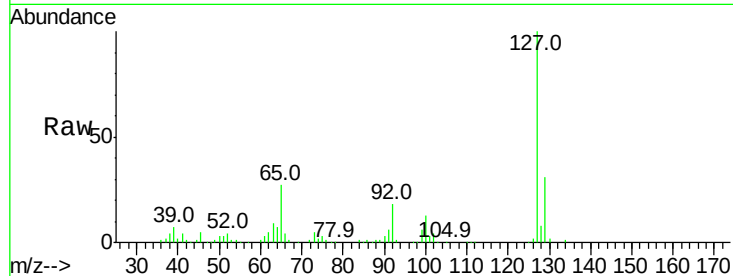
#33
4-Chloroaniline
Concen: 17.064 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	25.9	38.9	
65	27.5	25.0	37.4	
92	18.0	15.2	22.8	

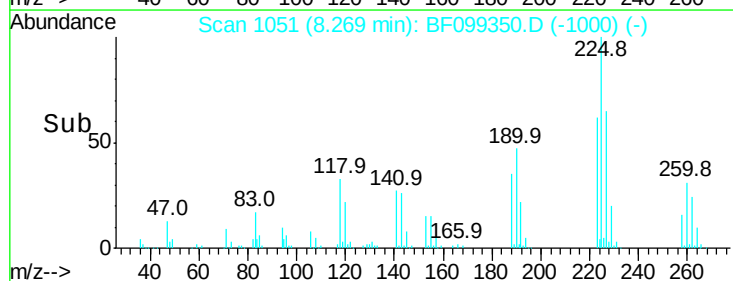
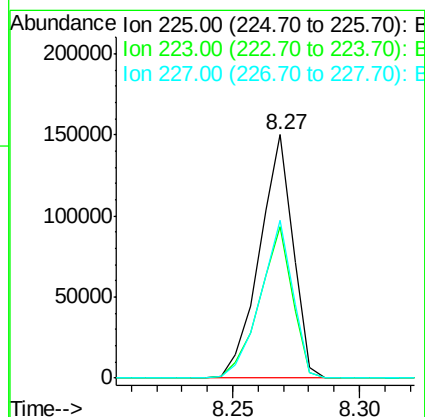
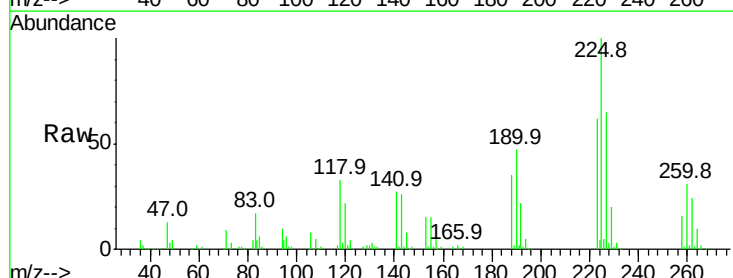
Manual Integrations
APPROVED

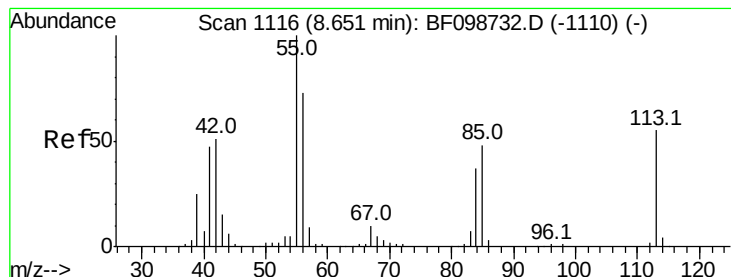
Sohil
10/13/2017 12:07:12 PM



#34
Hexachlorobutadiene
Concen: 40.232 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	50.6	76.0	
227	64.8	51.9	77.9	





#35

Caprolactam

Concen: 41.589 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleID :

PB103140BS

Tot Ion:113 Resp: 89063

Ion Ratio Lower Upper

113 100

55 170.9 163.3 203.3

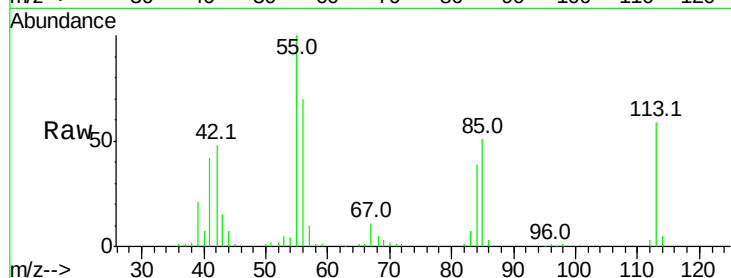
56 119.2 115.7 155.7

Manual Integrations

APPROVED

Sohil

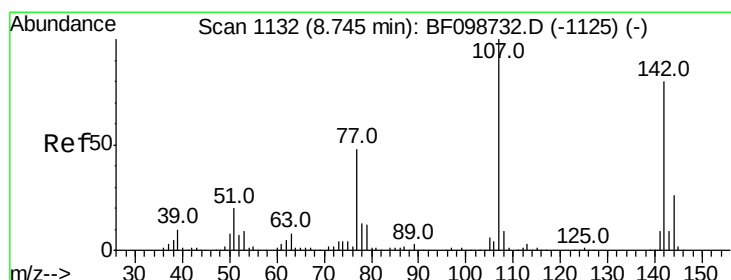
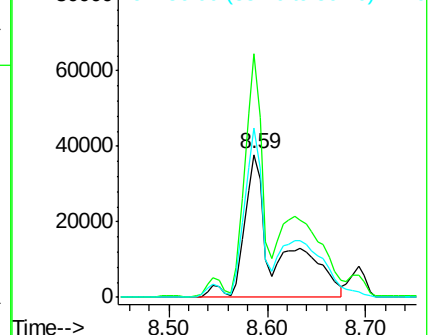
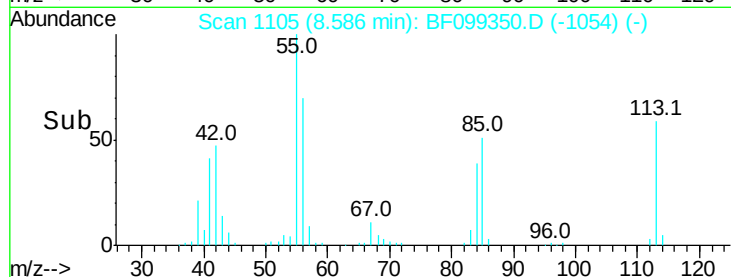
10/13/2017 12:07:12 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.187 ng/mL

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

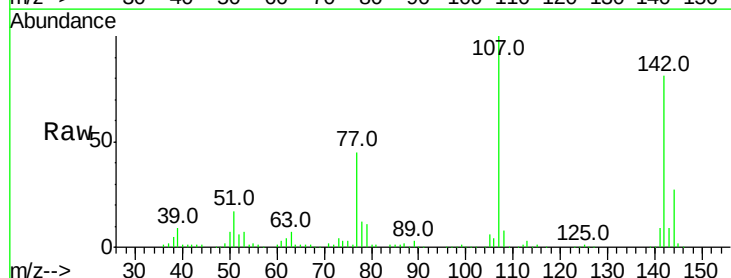
Tgt Ion:107 Resp: 279044

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

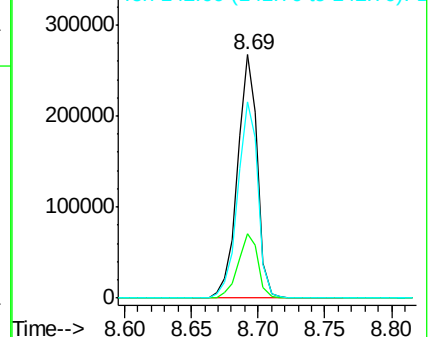
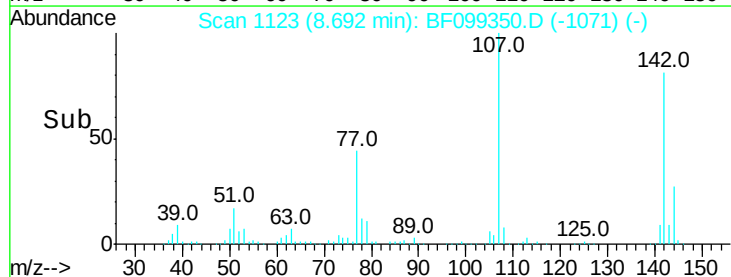
142 80.7 62.0 93.0

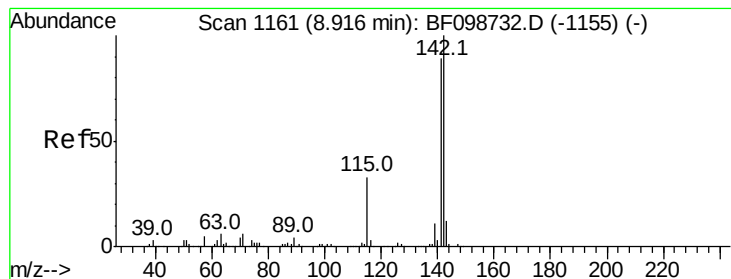


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





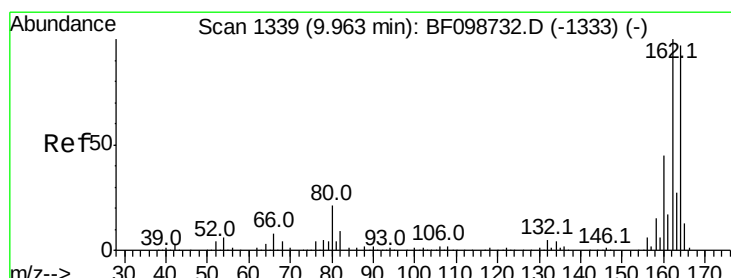
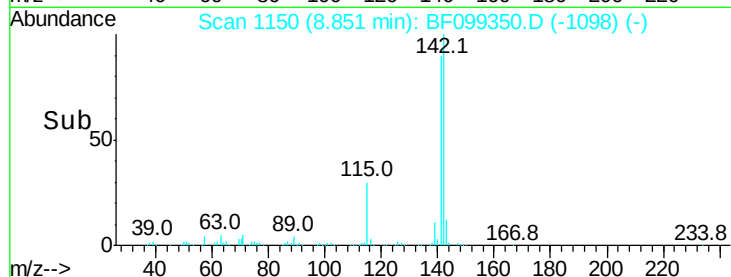
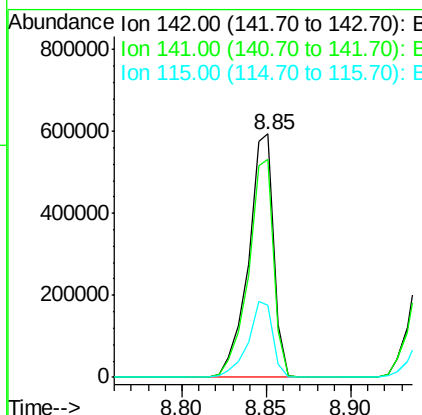
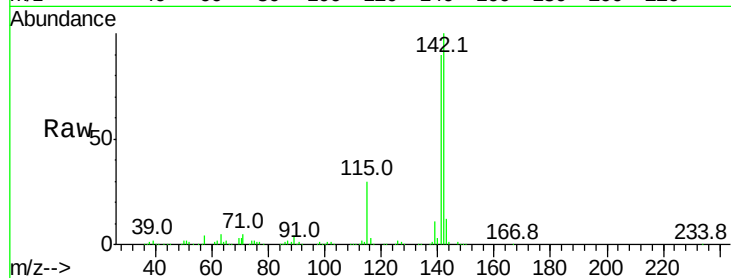
#37
2-Methylnaphthalene
Concen: 42.166 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	623175		
141	89.7		70.8	106.2
115	29.6		26.1	39.1

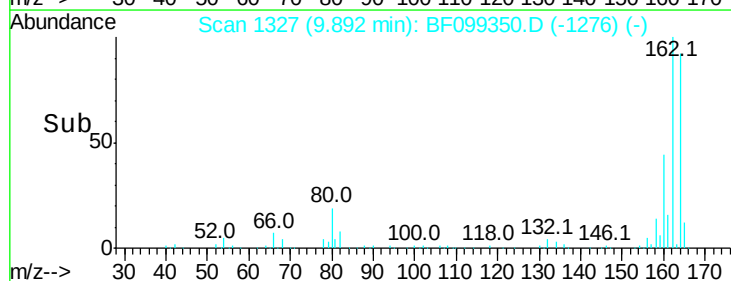
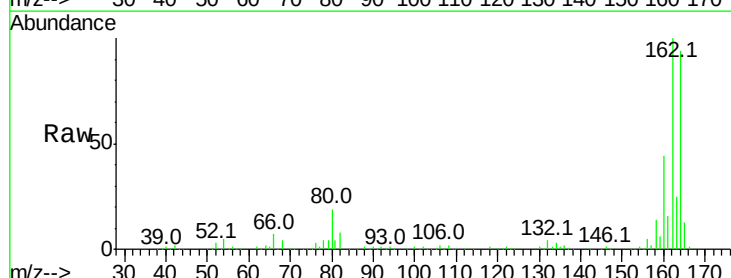
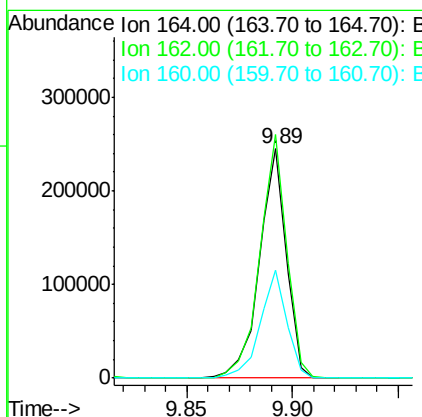
Manual Integrations
APPROVED

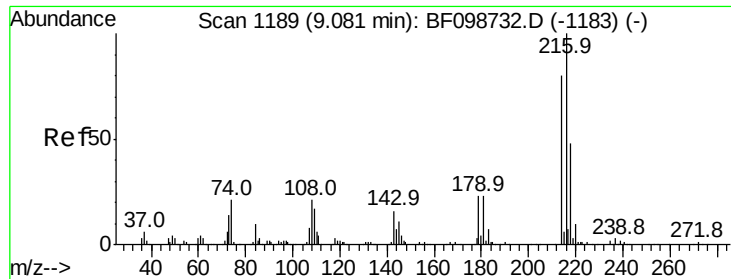
Sohil
10/13/2017 12:07:12 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	217515		
162	106.1		86.1	129.1
160	47.1		38.3	57.5





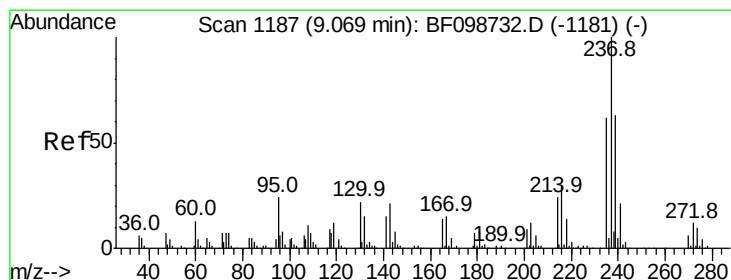
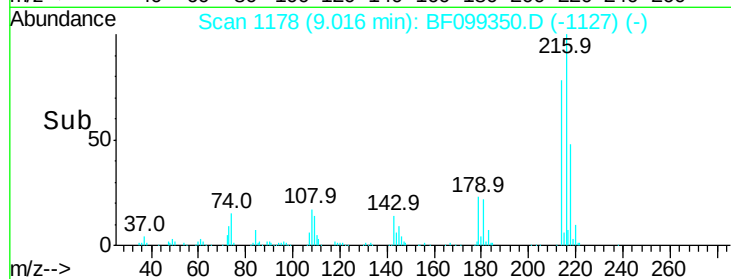
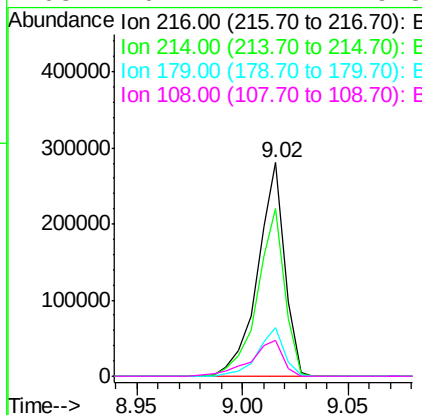
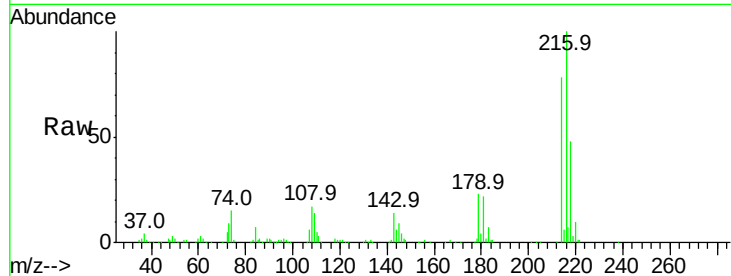
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.462 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	249497		
214	78.9	63.0	94.4	
179	22.5	18.1	27.1	
108	20.2	17.2	25.8	

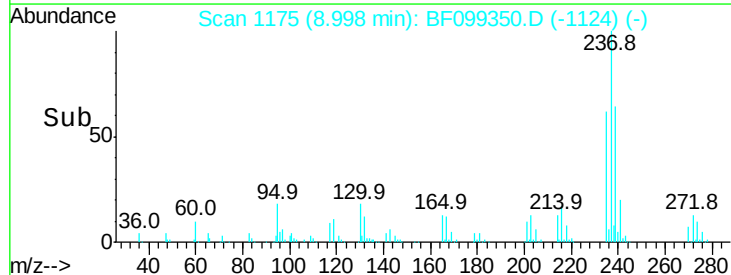
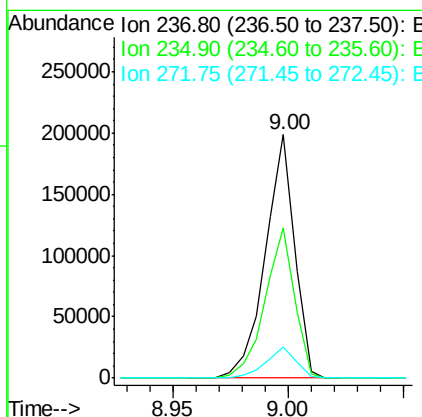
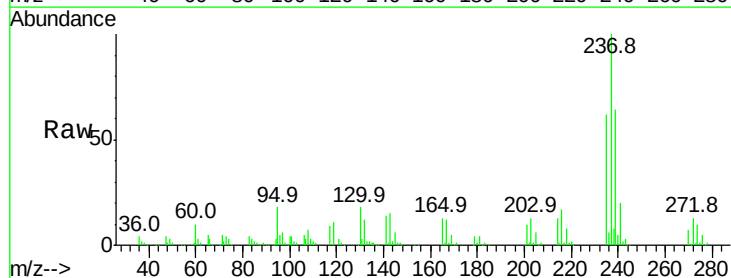
Manual Integrations
 APPROVED

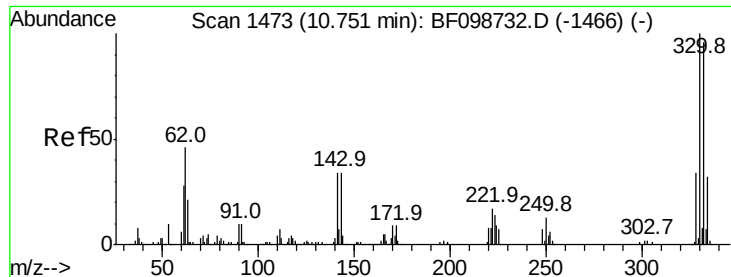
Sohil
 10/13/2017 12:07:12 PM



#40
 Hexachlorocyclopentadiene
 Concen: 59.144 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	175332		
235	61.7	44.8	84.8	
272	12.6	0.0	33.3	





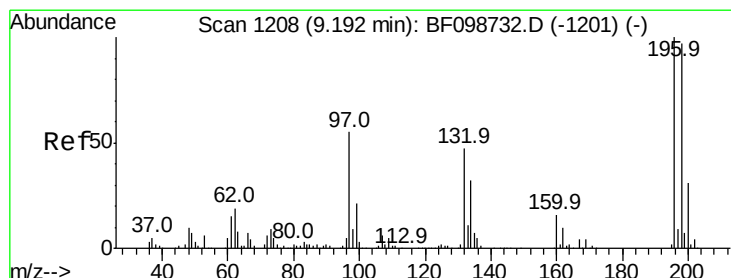
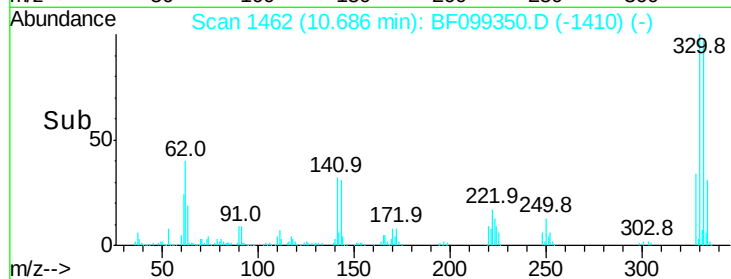
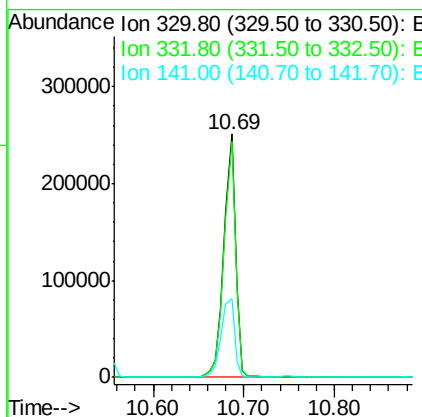
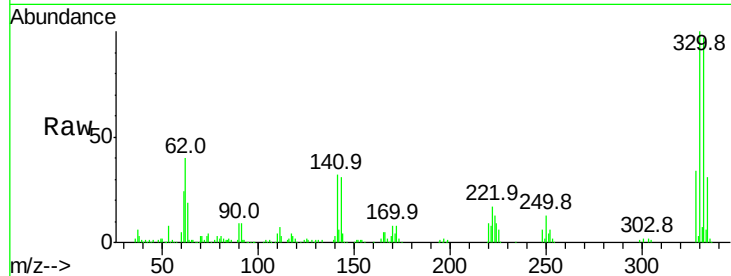
#41
 2,4,6-Tribromophenol
 Concen: 125.337 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223082		
332	96.6	77.0	115.6	
141	37.2	29.9	44.9	

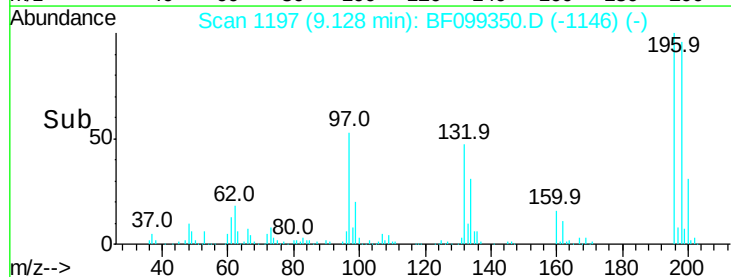
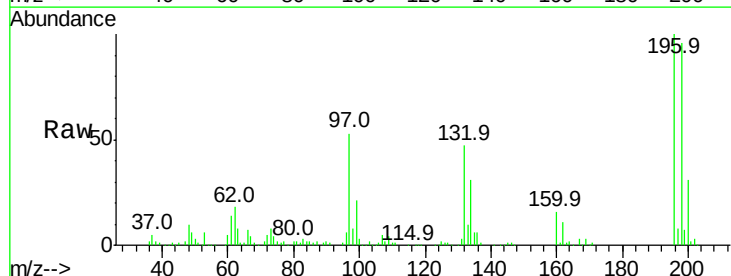
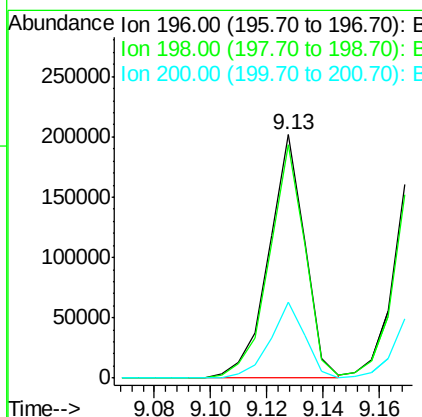
Manual Integrations
 APPROVED

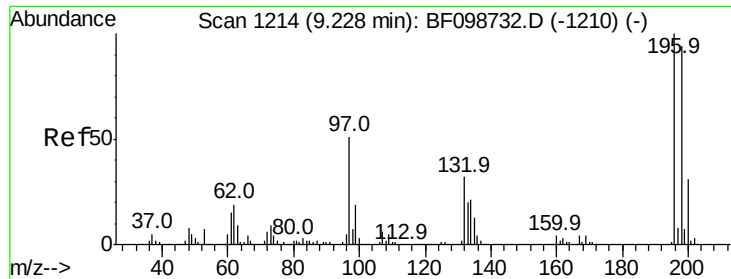
Sohil
 10/13/2017 12:07:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.776 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178196		
198	95.8	75.7	113.5	
200	31.0	24.5	36.7	





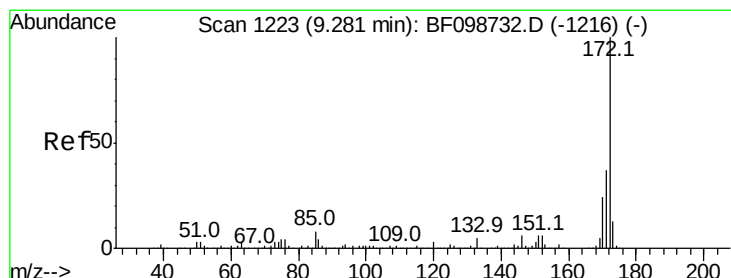
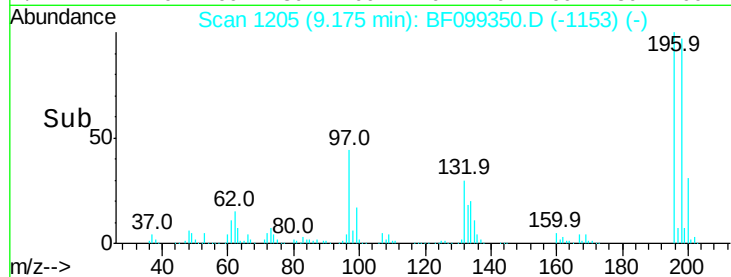
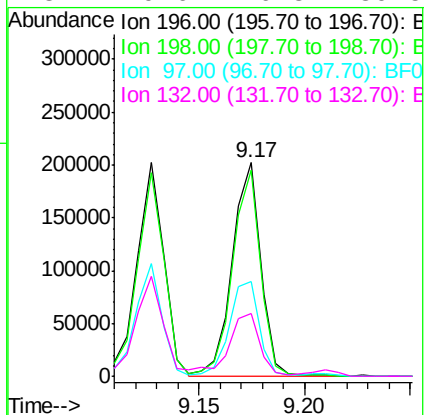
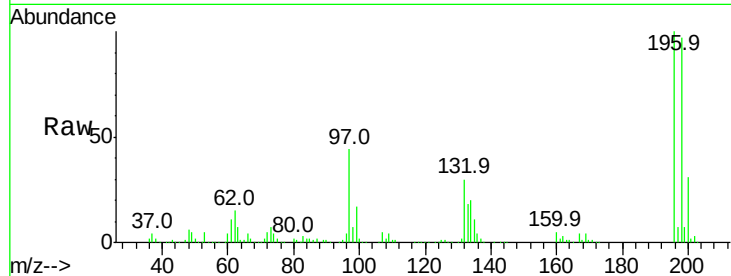
#43
 2,4,5-Trichlorophenol
 Concen: 40.782 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Tot Ion	196	Resp	187089
Ion Ratio	Lower	Upper	
196	100		
198	96.5	74.6	112.0
97	44.3	42.9	64.3
132	29.6	26.3	39.5

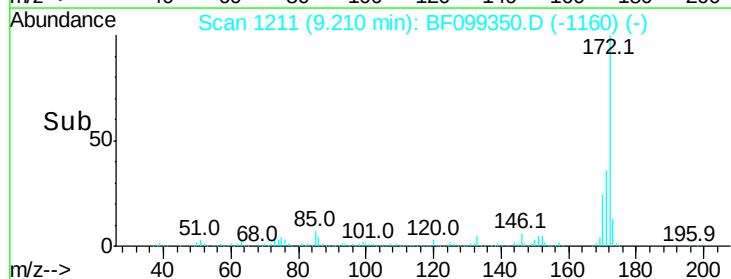
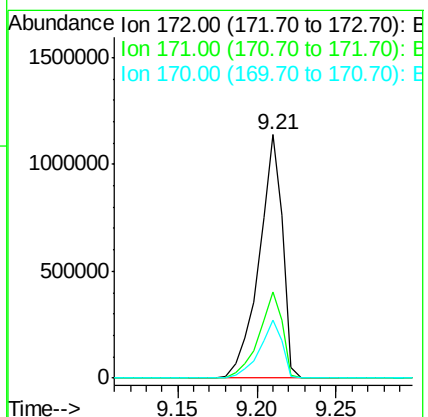
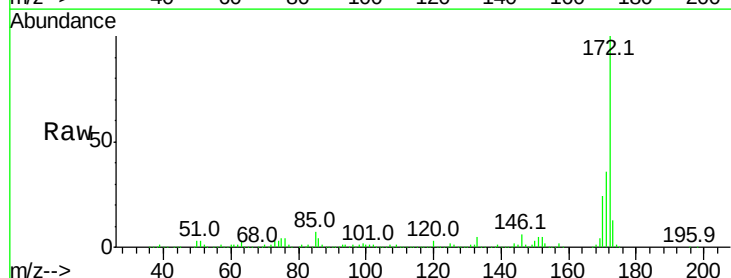
Manual Integrations
 APPROVED

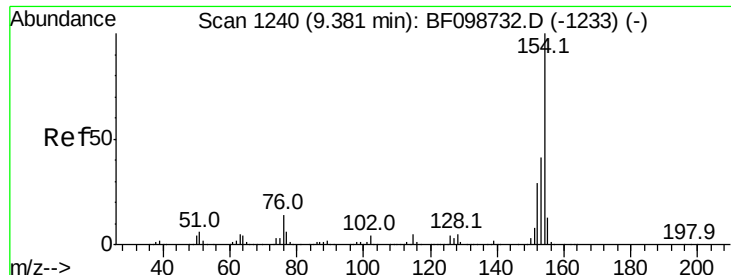
Sohil
 10/13/2017 12:07:12 PM



#44
 2-Fluorobiphenyl
 Concen: 90.229 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	172	Resp	1175626
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4





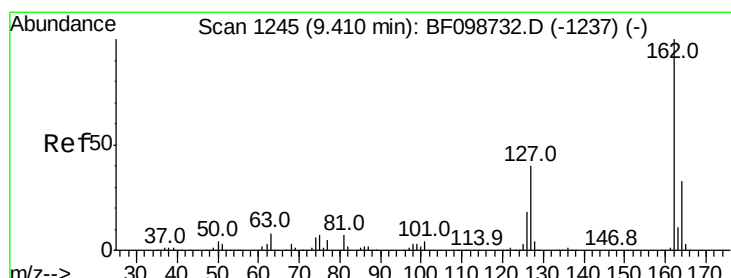
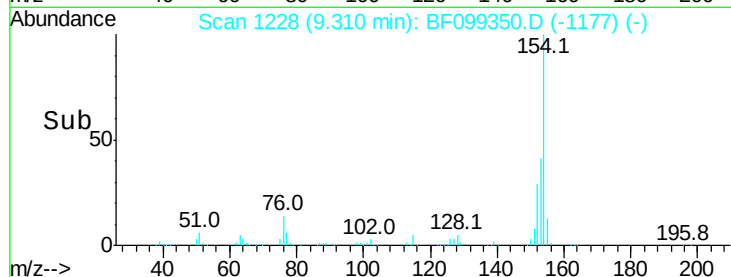
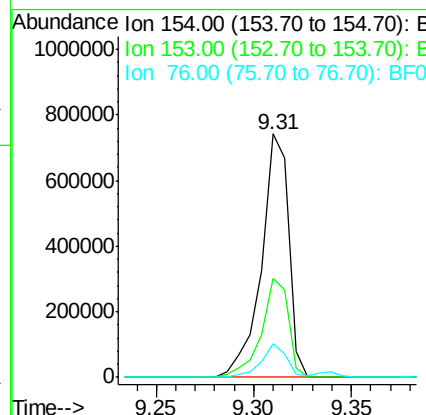
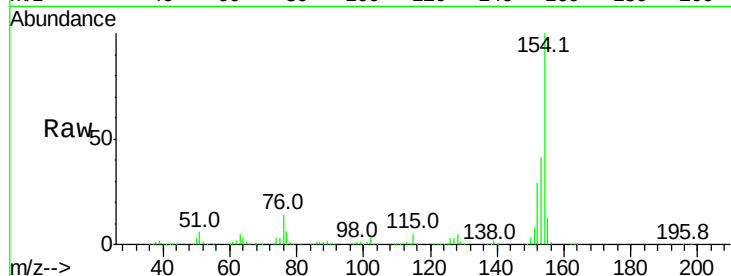
#45
1,1'-Biphenyl
Concen: 38.444 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.7	0.0	34.0

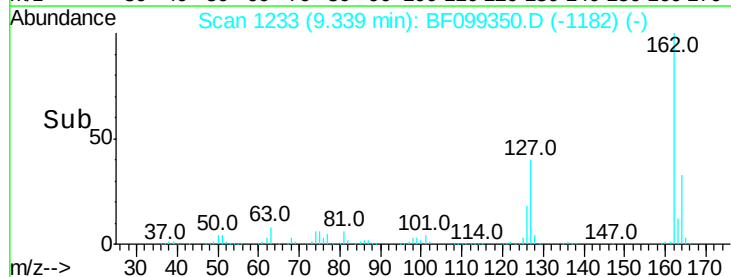
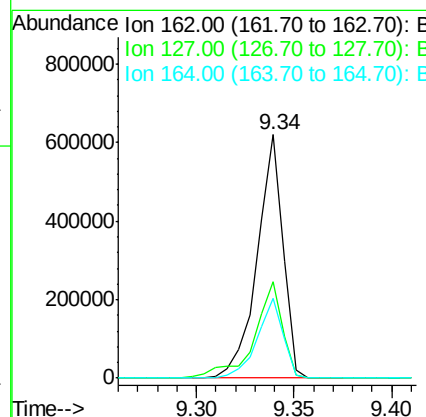
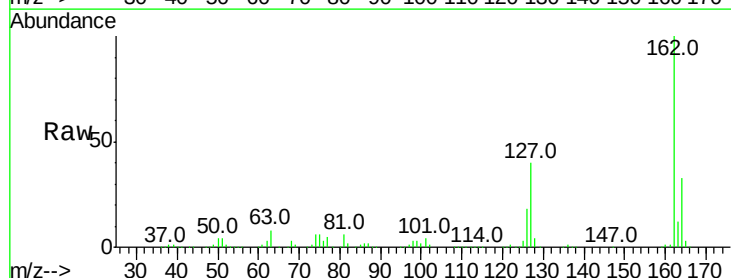
Manual Integrations
APPROVED

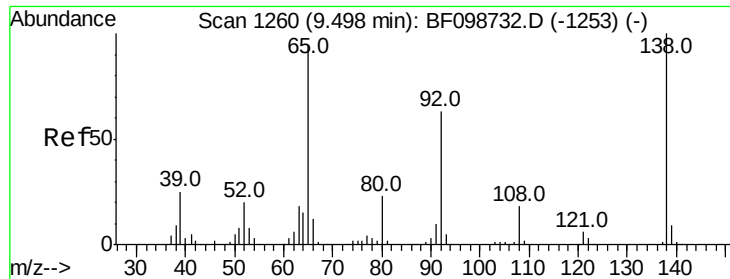
Sohil
10/13/2017 12:07:12 PM



#46
2-Chloronaphthalene
Concen: 40.432 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.6	33.9	50.9
164	32.6	26.5	39.7





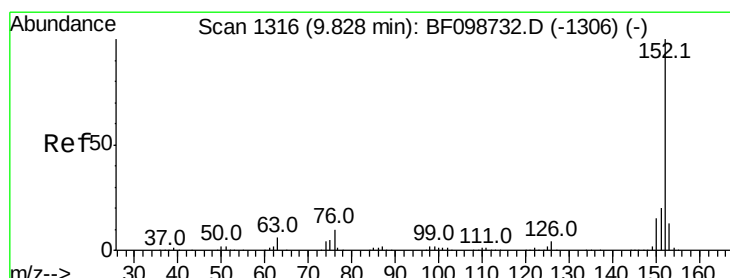
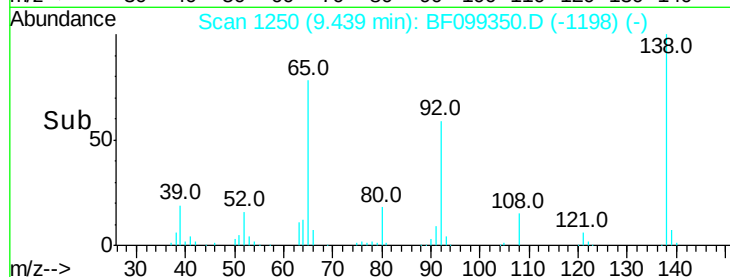
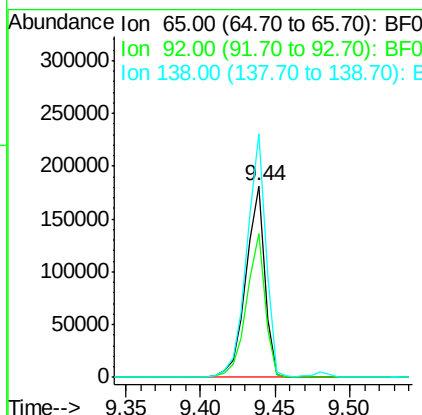
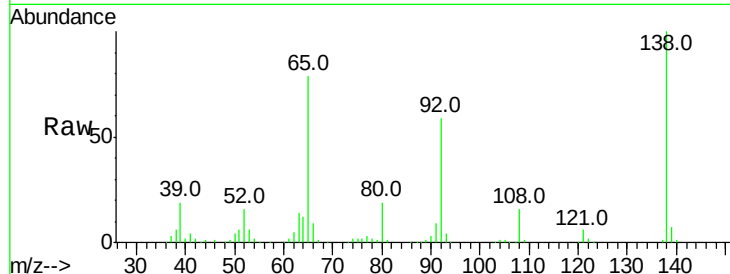
#47
2-Nitroaniline
Concen: 37.099 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	55.8	83.6
138	127.3	91.2	136.8

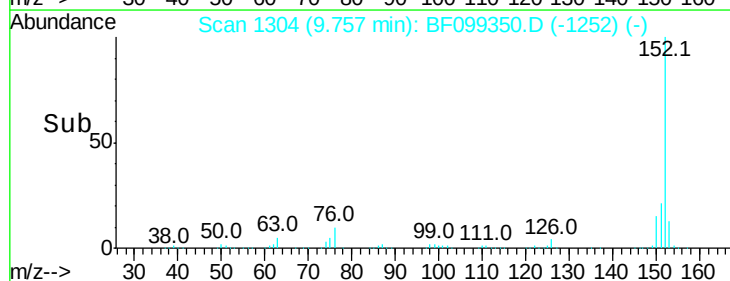
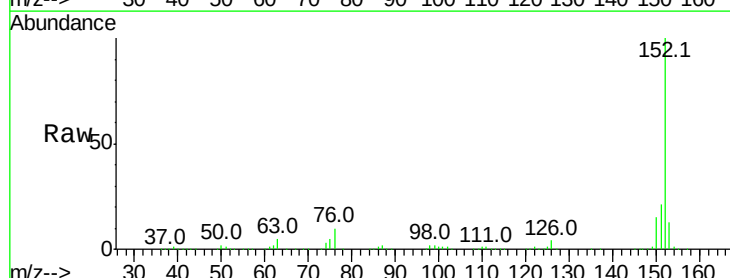
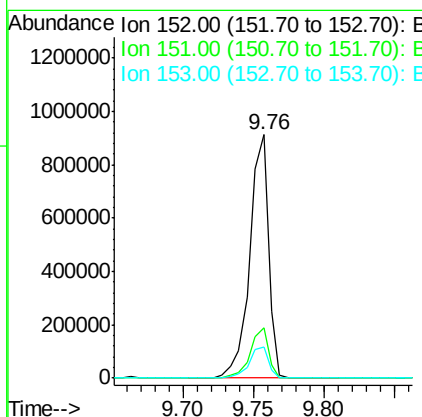
Manual Integrations
APPROVED

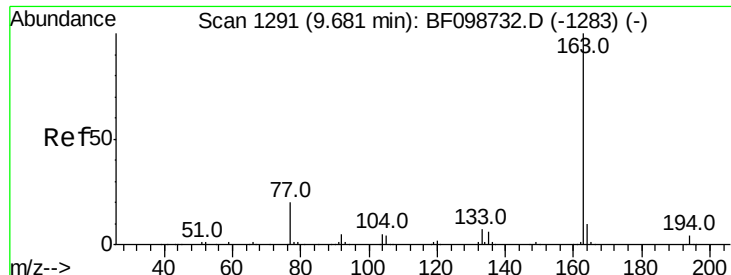
Sohil
10/13/2017 12:07:12 PM



#48
Acenaphthylene
Concen: 39.792 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.7	16.1





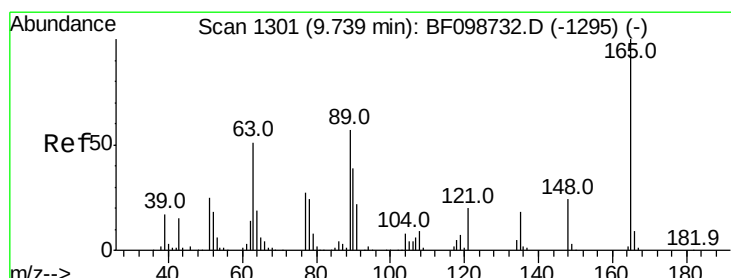
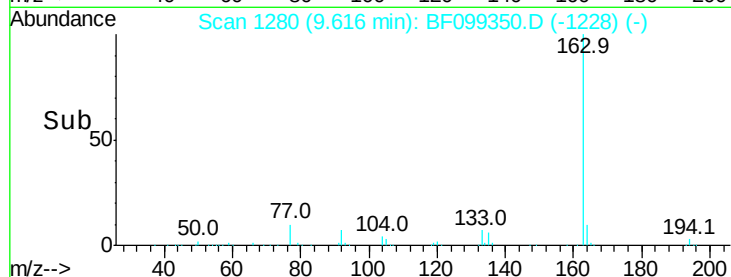
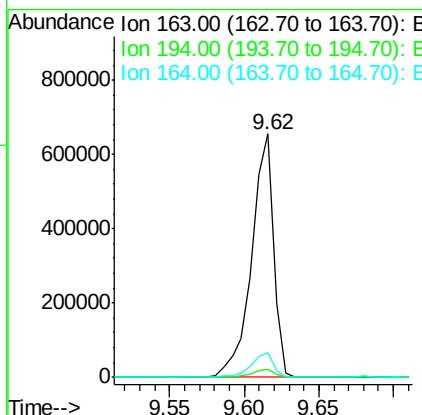
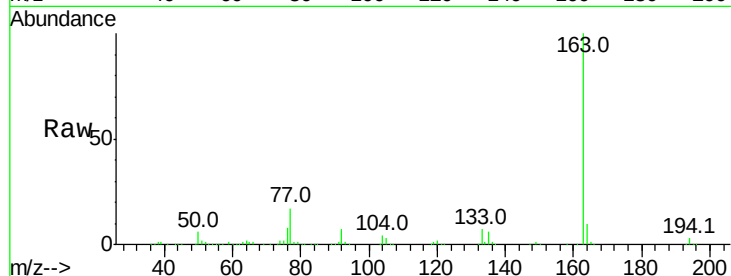
#49
Dimethylphthalate
Concen: 40.388 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampled :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	663040		
194	3.5		2.7	4.1
164	10.1		8.2	12.2

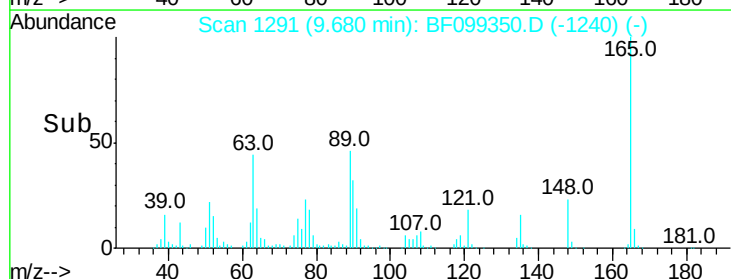
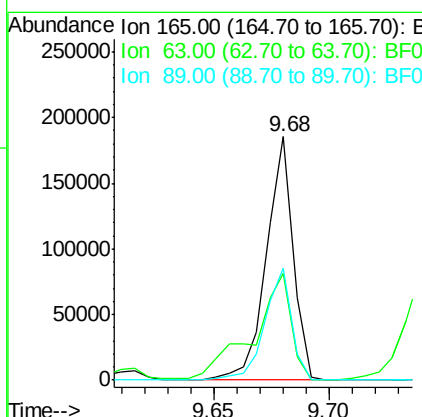
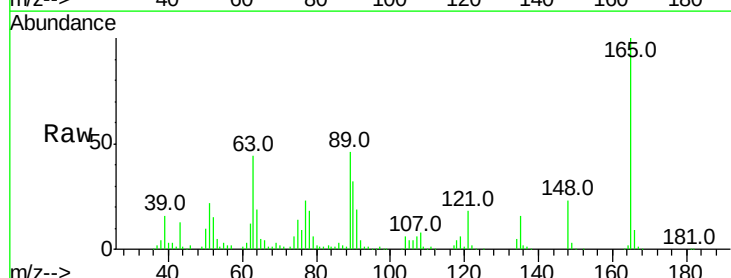
Manual Integrations
APPROVED

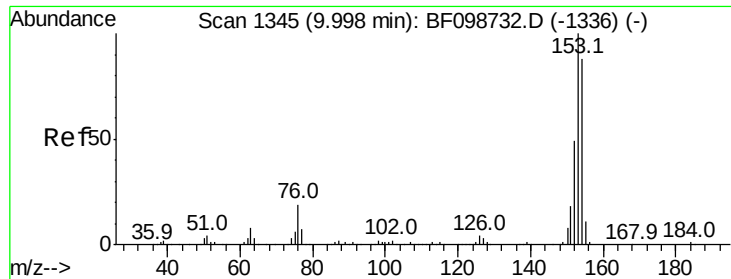
Sohil
10/13/2017 12:07:12 PM



#50
2,6-Dinitrotoluene
Concen: 41.987 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150063		
63	44.0		44.7	67.1#
89	45.8		44.0	66.0





#51

Acenaphthene

Concen: 36.854 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

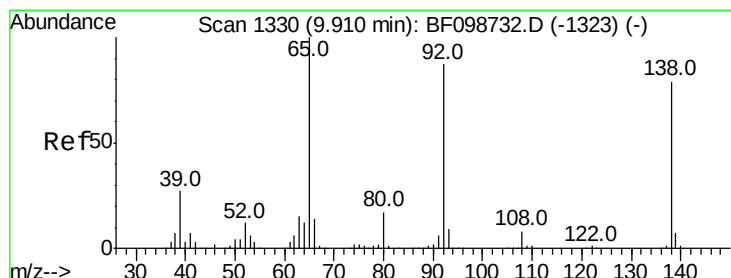
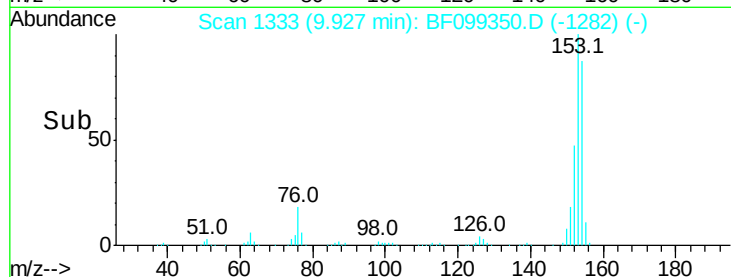
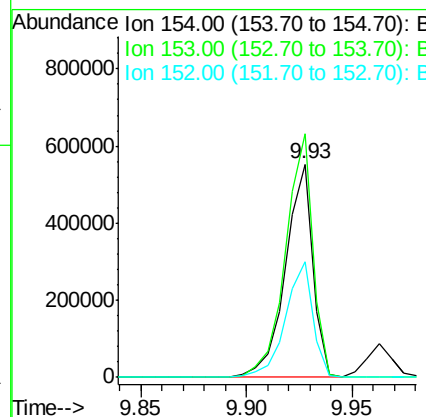
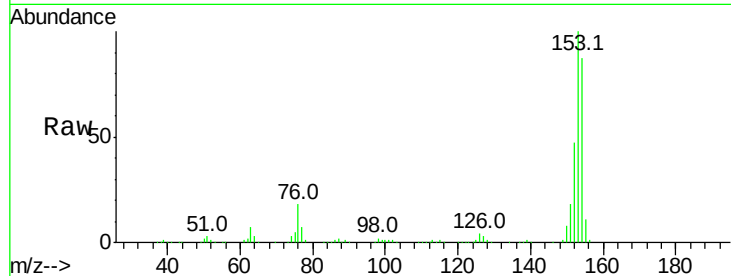
ClientSampleId :

PB103140BS

Tot Ion:	154	Resp:	501617
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#52

3-Nitroaniline

Concen: 26.870 ng

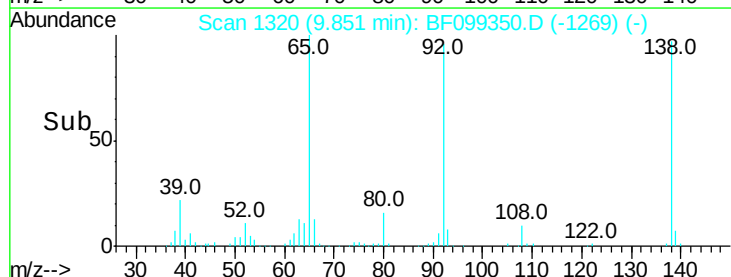
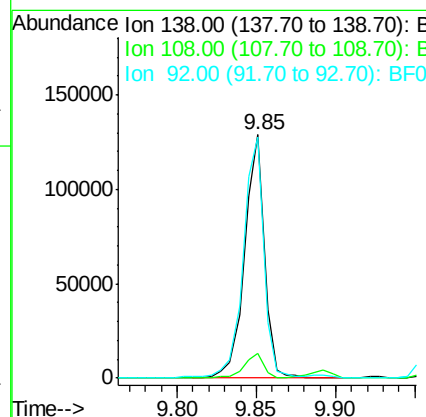
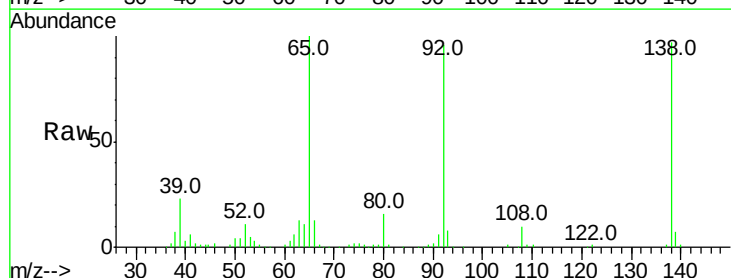
RT: 9.85 min Scan# 1320

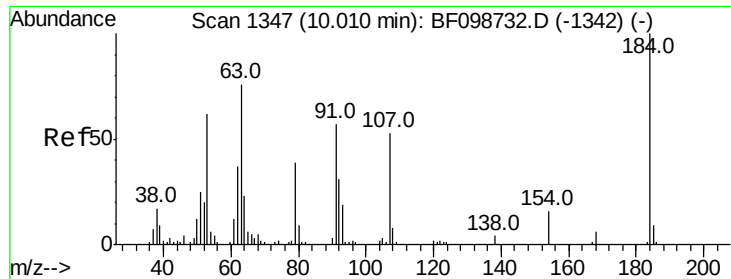
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	138	Resp:	111976
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	98.9	89.4	134.2





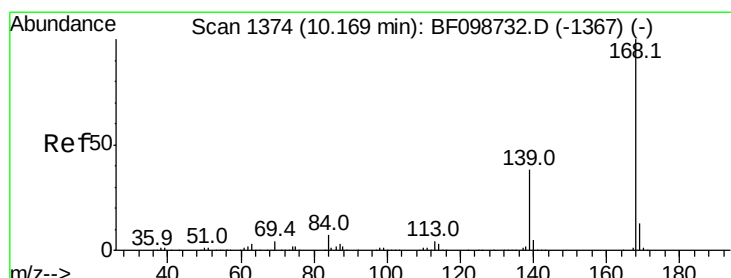
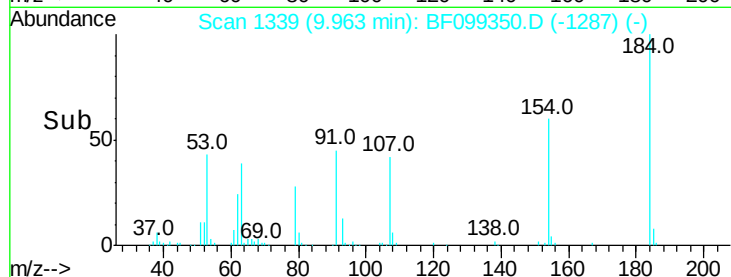
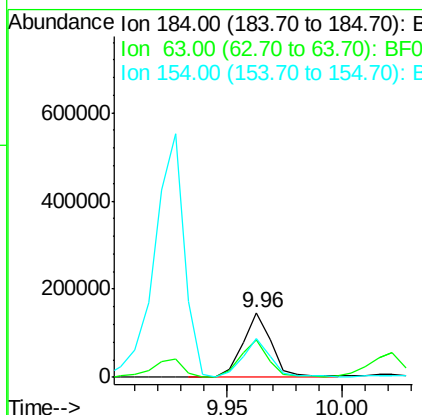
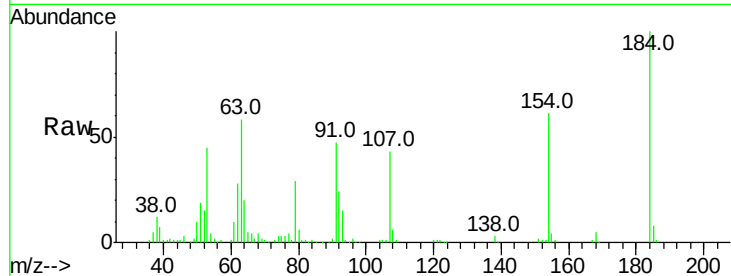
#53
2,4-Dinitrophenol
Concen: 70.110 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	129012		
63	57.6	54.2	81.2	
154	60.5	53.5	80.3	

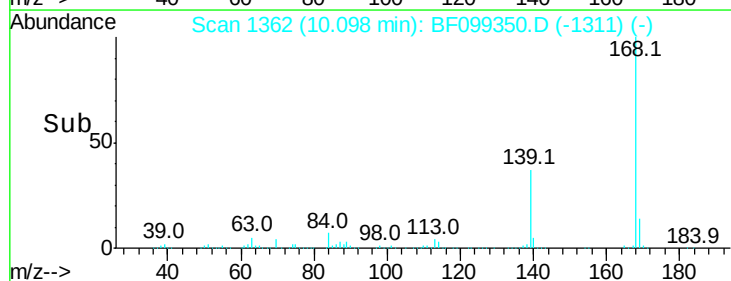
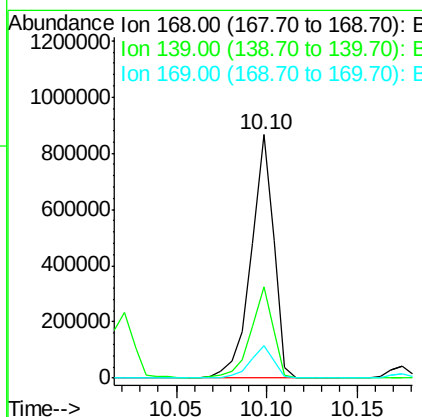
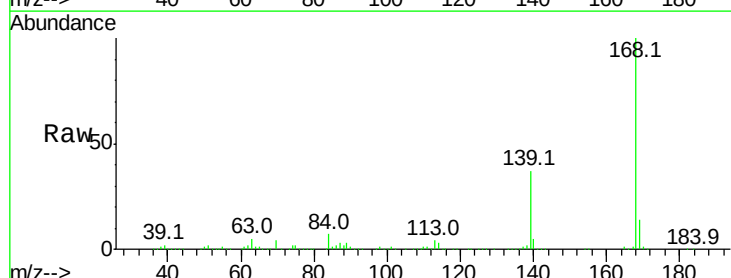
Manual Integrations
APPROVED

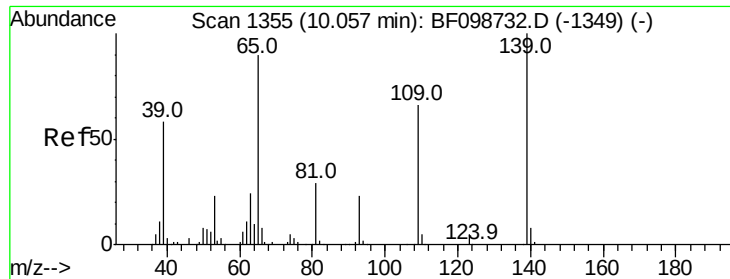
Sohil
10/13/2017 12:07:12 PM



#54
Dibenzofuran
Concen: 41.481 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	751725		
139	37.3	30.1	45.1	
169	13.5	10.9	16.3	





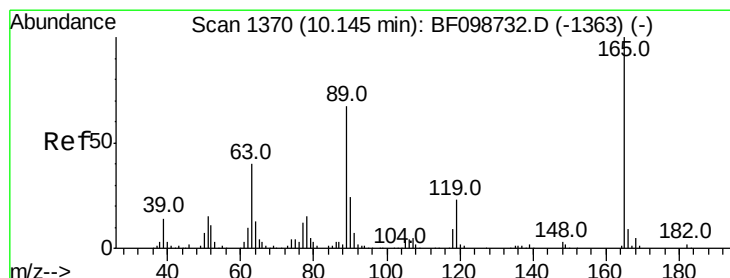
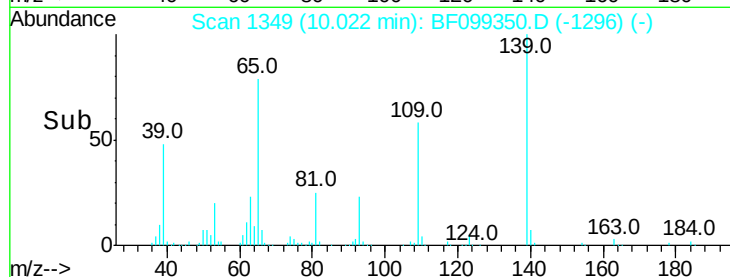
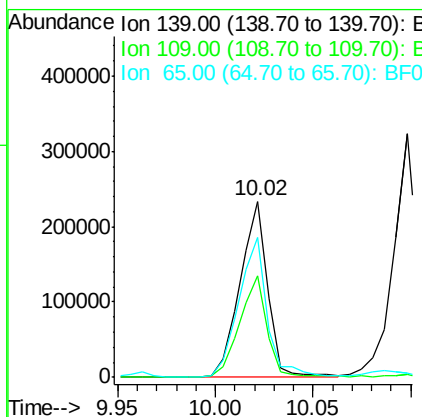
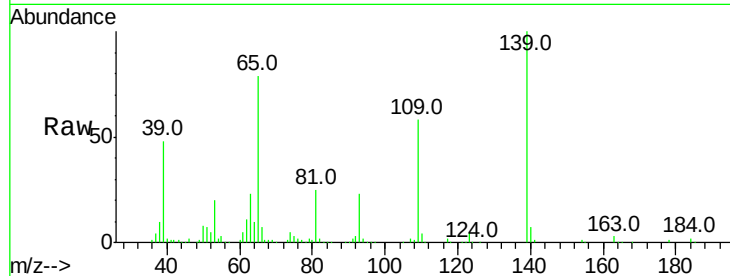
#55
4-Nitrophenol
Concen: 65.262 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	229968		
109	57.6	48.4	88.4	
65	79.5	72.6	112.6	

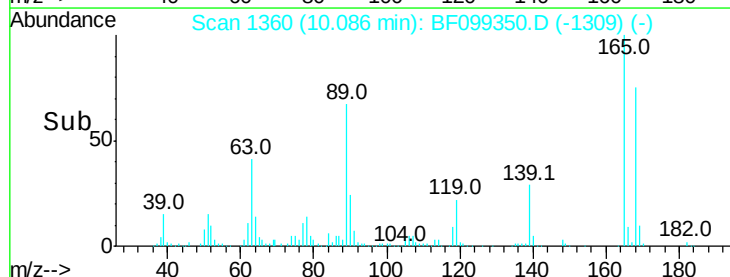
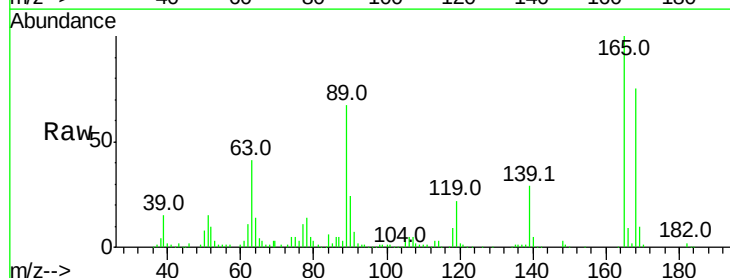
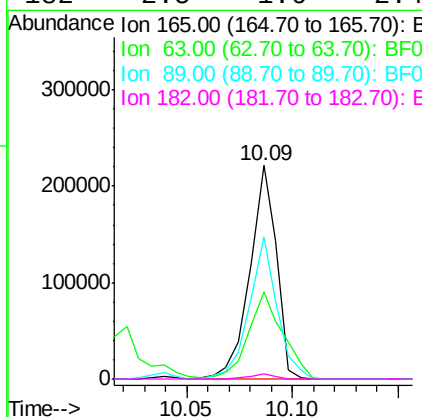
Manual Integrations
APPROVED

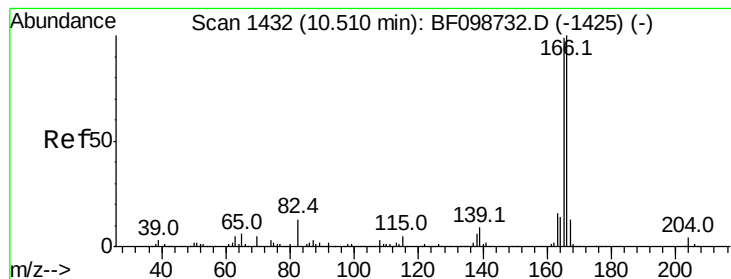
Sohil
10/13/2017 12:07:12 PM



#56
2,4-Dinitrotoluene
Concen: 41.968 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194667		
63	41.1	36.4	54.6	
89	66.7	57.8	86.6	
182	2.5	1.6	2.4	#





#57

Fluorene

Concen: 40.595 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

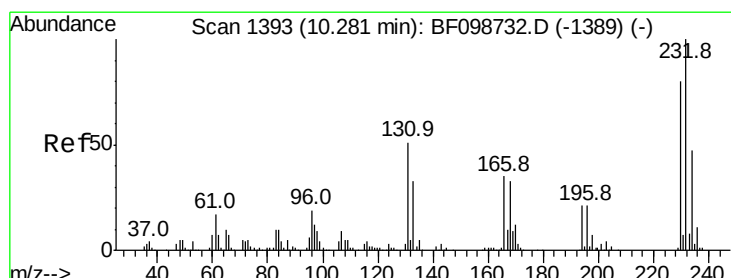
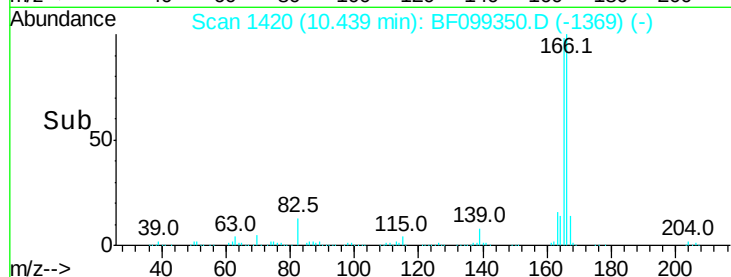
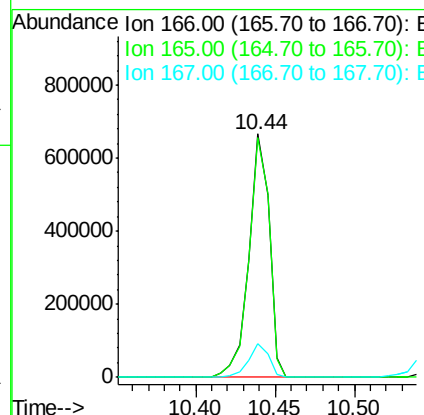
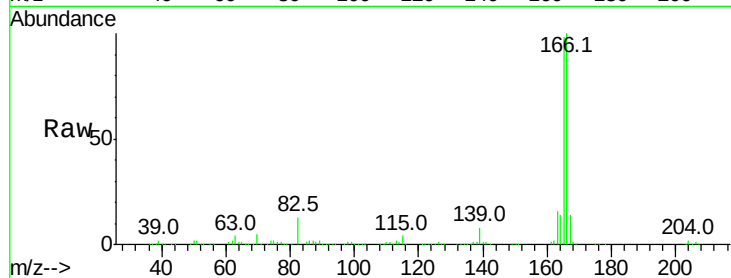
ClientSampleId :

PB103140BS

Tot Ion:	166	Resp:	591302
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.8	119.8
167	13.7	10.6	16.0

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.781 ng

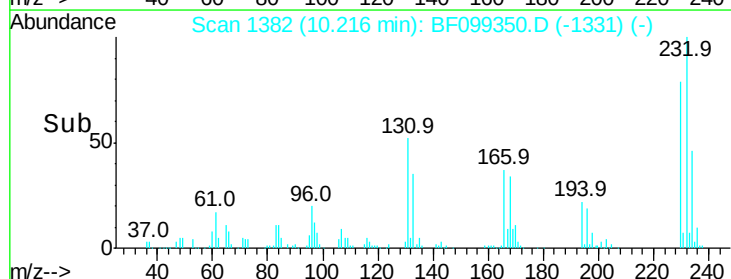
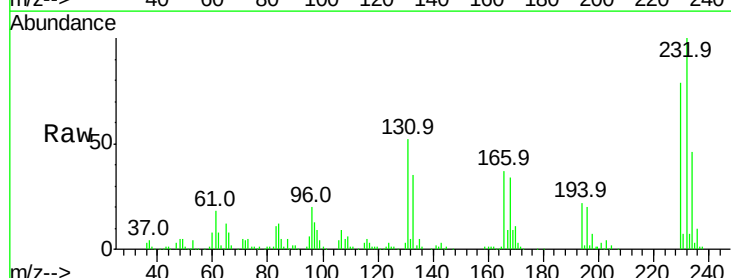
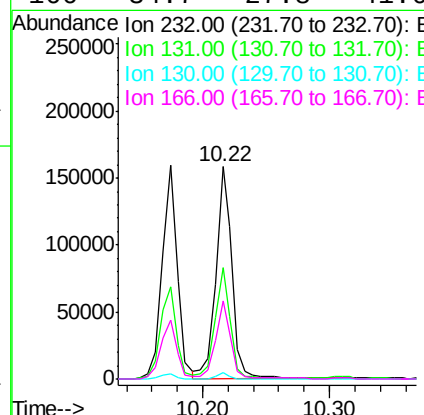
RT: 10.22 min Scan# 1382

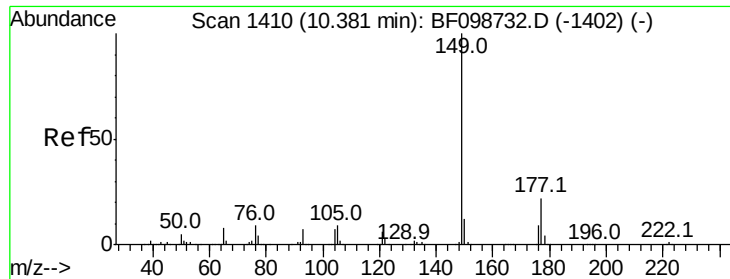
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	232	Resp:	141910
Ion Ratio	Lower	Upper	
232	100		
131	49.2	43.8	65.8
130	2.5	2.1	3.1
166	34.7	27.8	41.6





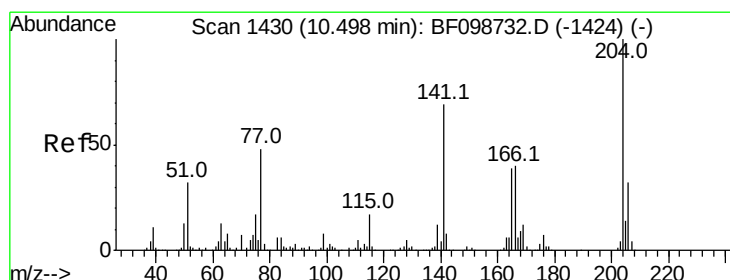
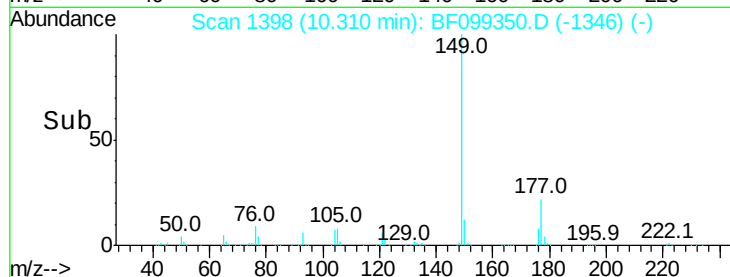
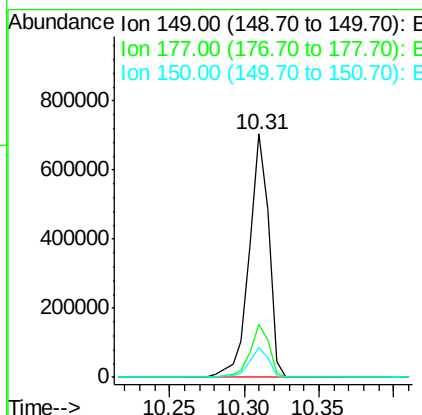
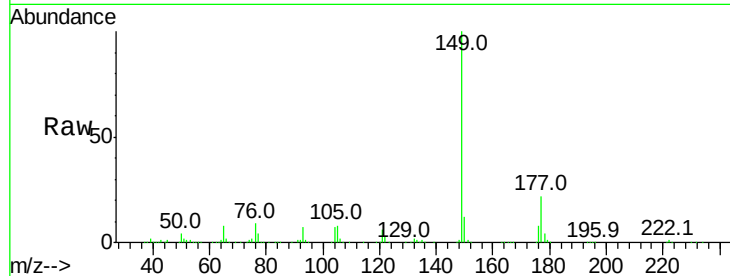
#59
Diethylphthalate
Concen: 39.555 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	634526		
177	21.5		16.1	24.1
150	12.2		10.1	15.1

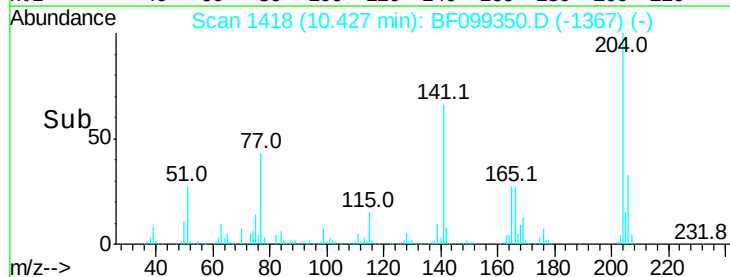
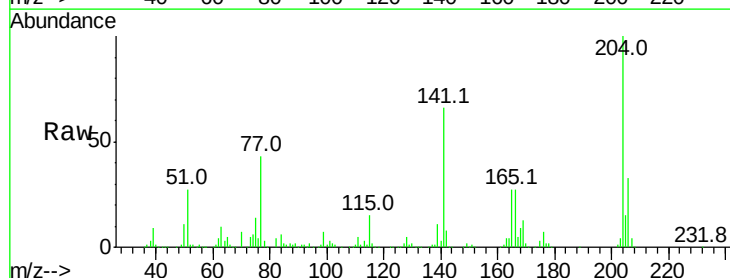
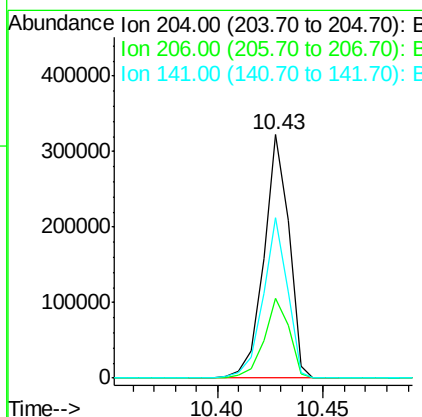
Manual Integrations
APPROVED

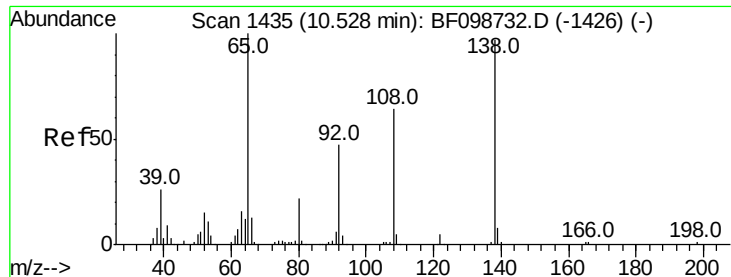
Sohil
10/13/2017 12:07:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.748 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	266613		
206	32.6		26.5	39.7
141	66.0		54.6	81.8





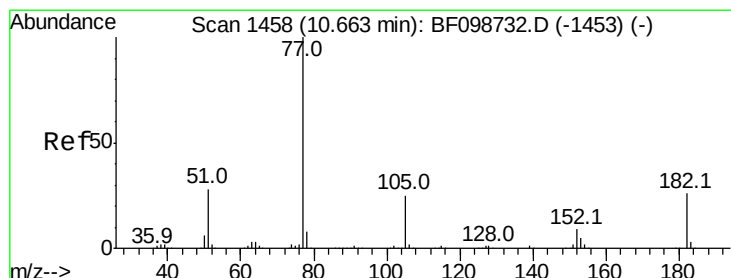
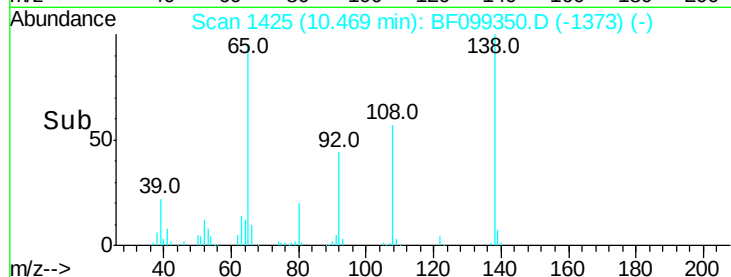
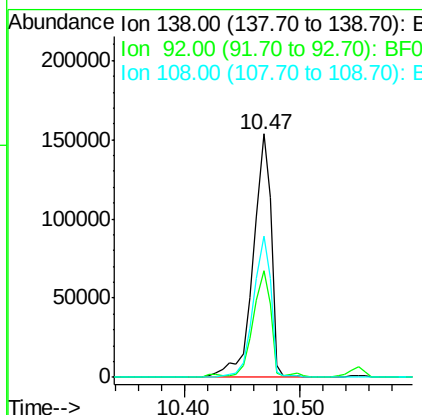
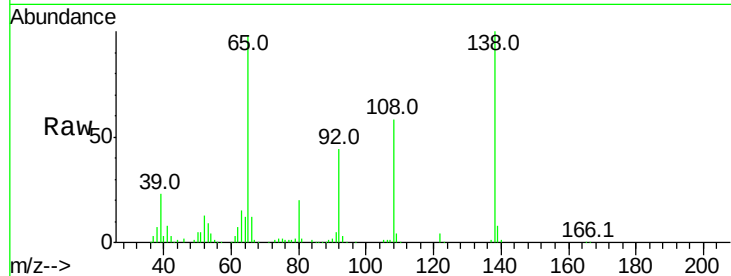
#61
4-Nitroaniline
Concen: 41.642 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	167423		
92	43.7	30.2	70.2	
108	58.1	52.5	92.5	

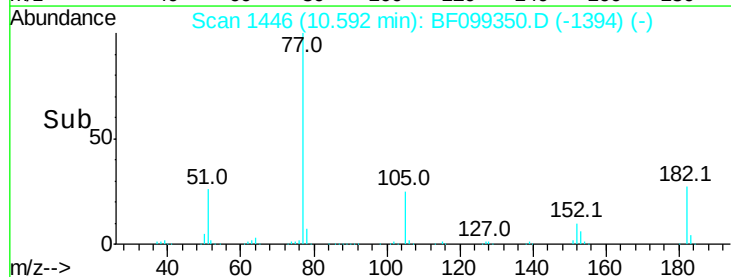
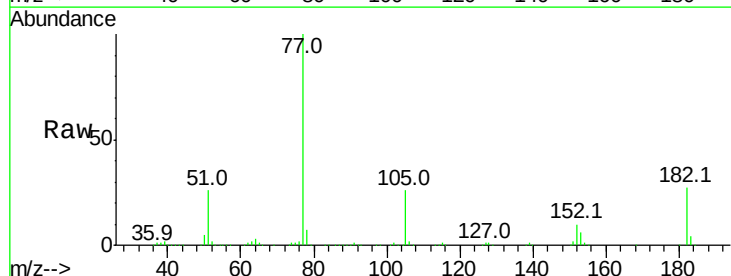
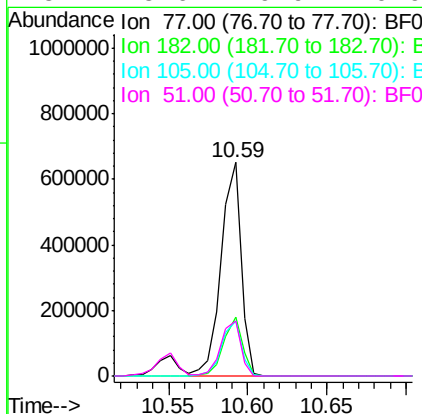
Manual Integrations
APPROVED

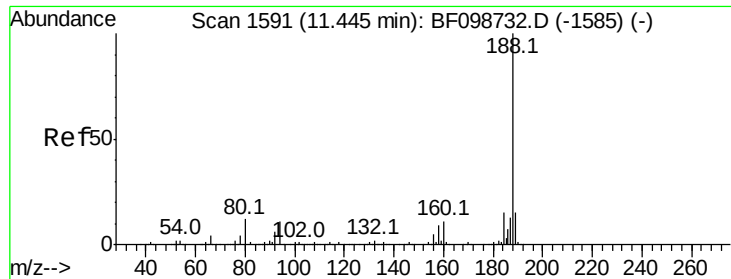
Sohil
10/13/2017 12:07:12 PM



#62
Azobenzene
Concen: 38.813 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	572492		
182	27.4	1.7	41.7	
105	25.6	3.0	43.0	
51	25.6	9.9	49.9	





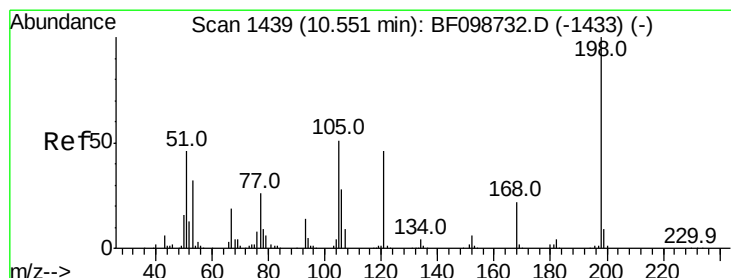
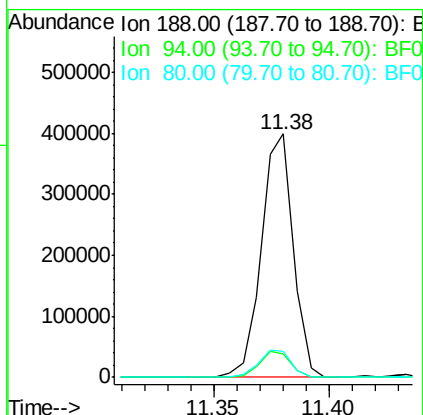
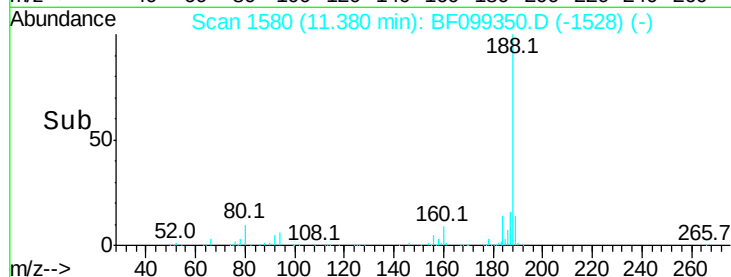
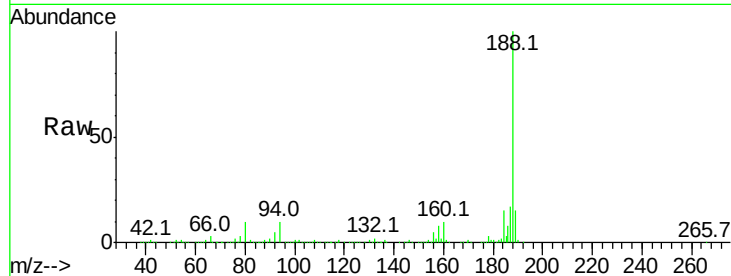
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	8.5	12.7	
80	10.5	9.2	13.8	

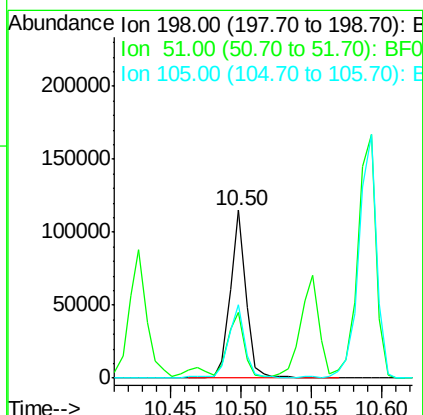
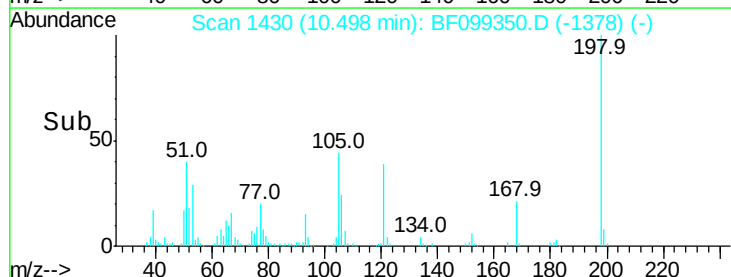
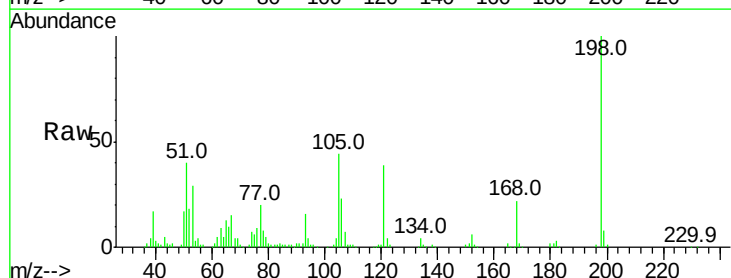
Manual Integrations
APPROVED

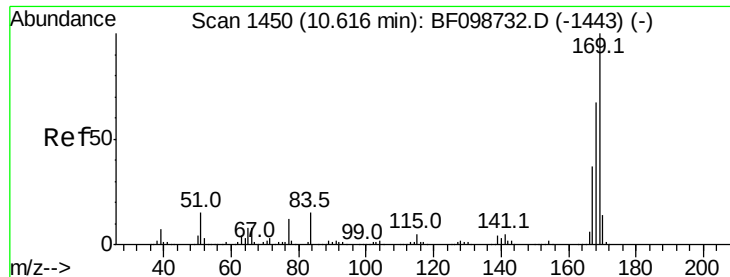
Sohil
10/13/2017 12:07:12 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.241 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	39.6	37.7	77.7	
105	44.1	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 40.252 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

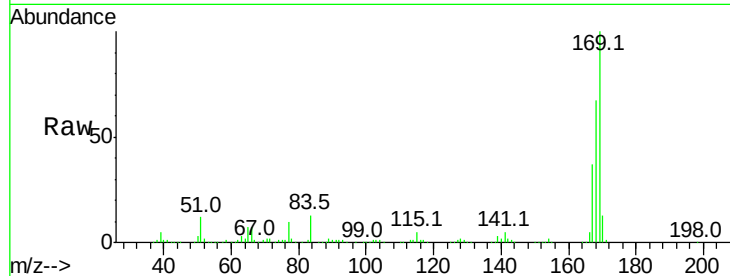
ClientSampleId :

PB103140BS

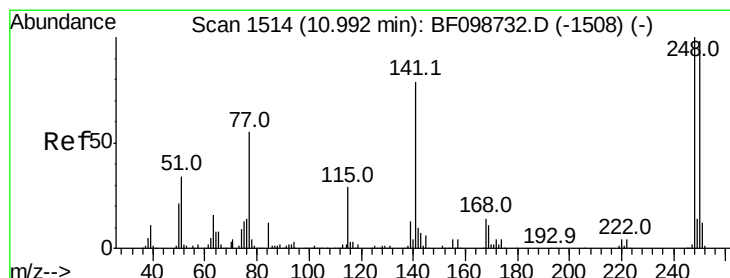
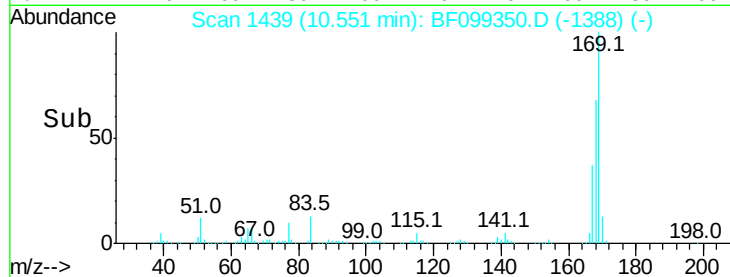
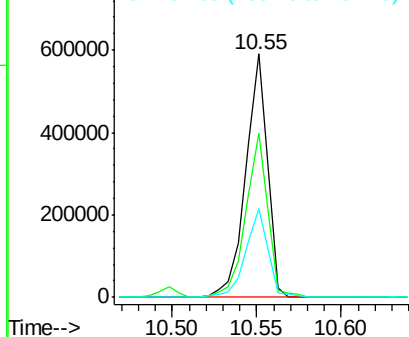
Tot Ion:	169	Resp:	534617
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.4	81.6
167	36.7	29.8	44.6

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.481 ng

RT: 10.92 min Scan# 1502

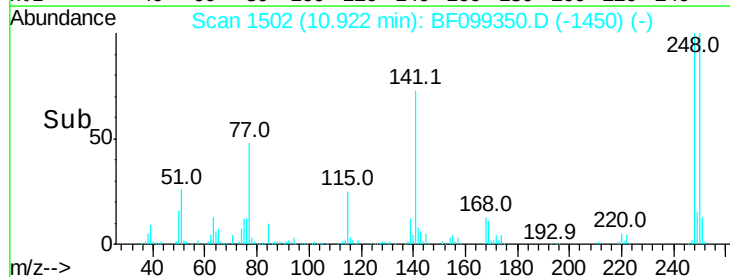
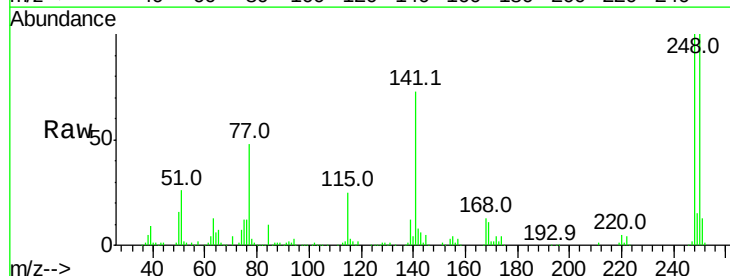
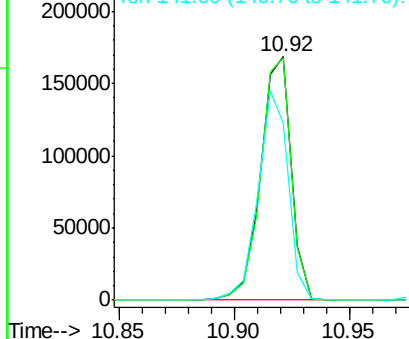
Delta R.T. 0.01 min

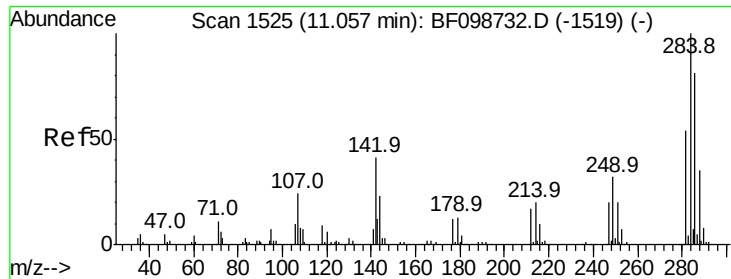
Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	248	Resp:	155669
Ion Ratio	Lower	Upper	
248	100		
250	99.7	76.9	115.3
141	72.6	74.4	111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.801 ng

RT: 10.99 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

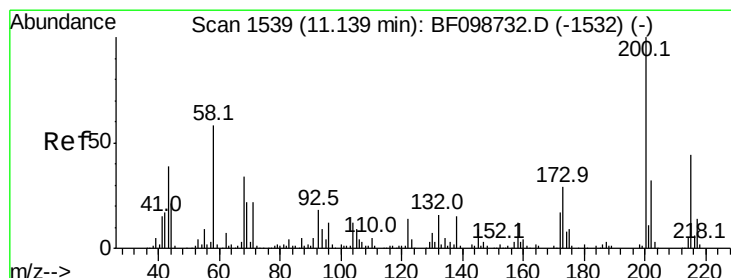
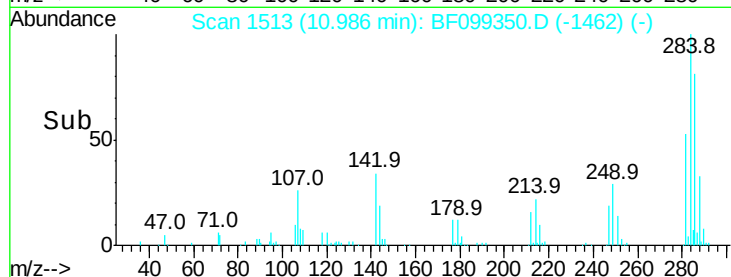
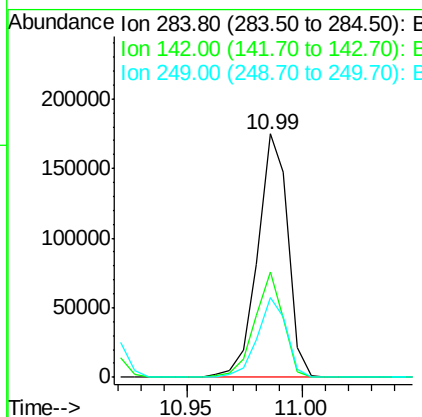
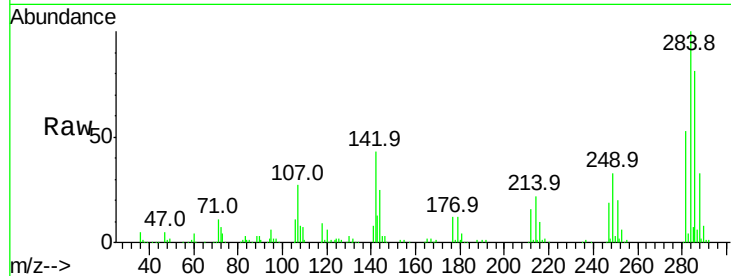
ClientSampleId :

PB103140BS

Tot Ion:	284	Resp:	159526
Ion Ratio	Lower	Upper	
284	100		
142	43.0	34.6	52.0
249	32.6	24.8	37.2

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#68

Atrazine

Concen: 41.754 ng

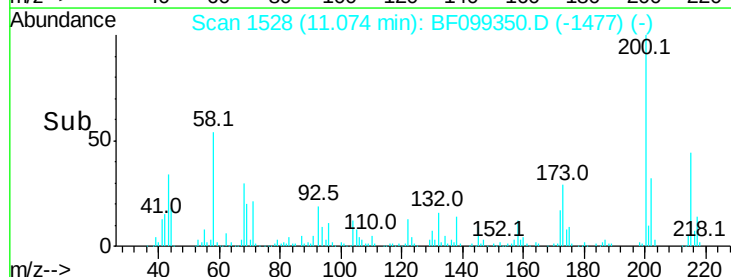
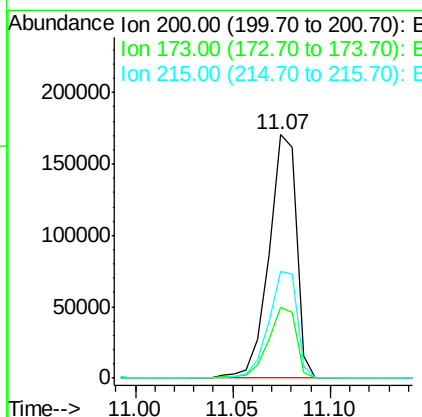
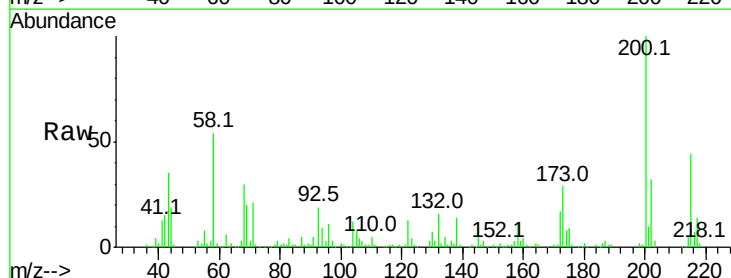
RT: 11.07 min Scan# 1528

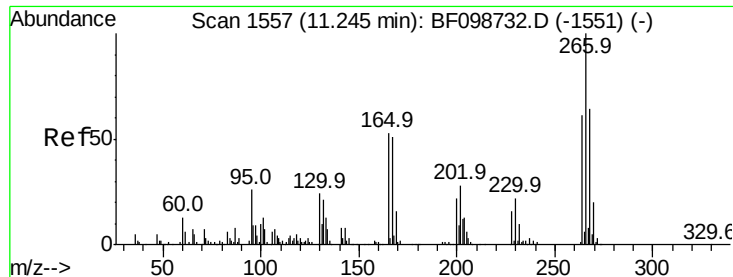
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	200	Resp:	166854
Ion Ratio	Lower	Upper	
200	100		
173	29.2	8.6	48.6
215	43.6	25.1	65.1





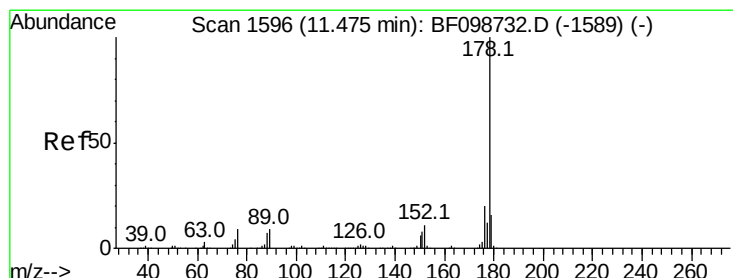
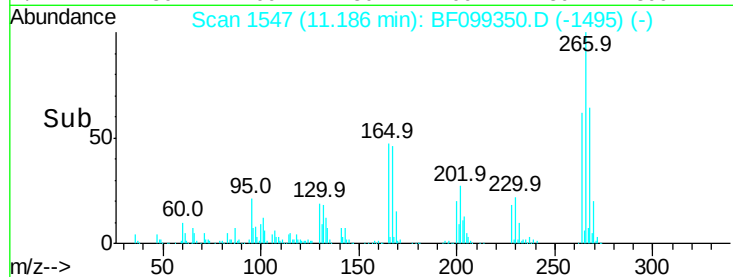
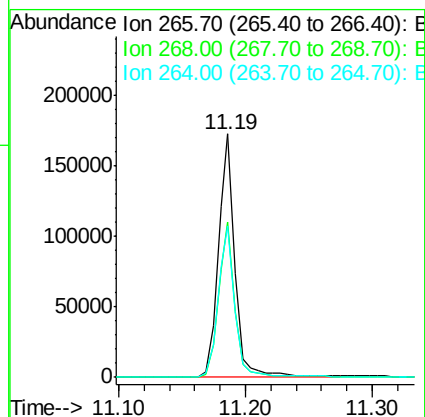
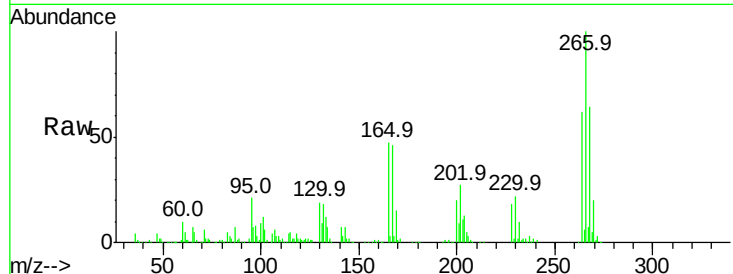
#69
 Pentachlorophenol
 Concen: 63.928 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampled :
 PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	159468		
268	64.0	51.1	76.7	
264	62.2	49.5	74.3	

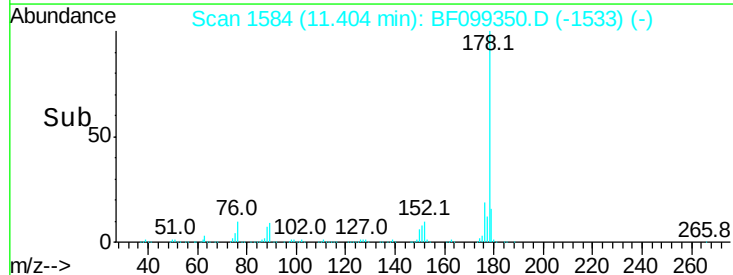
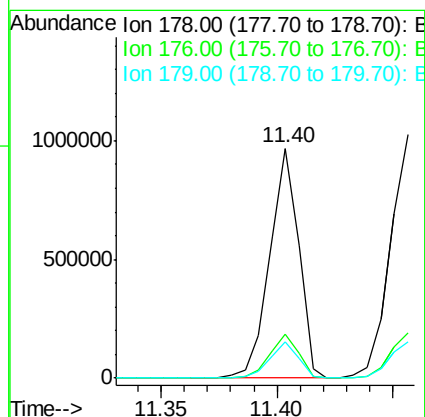
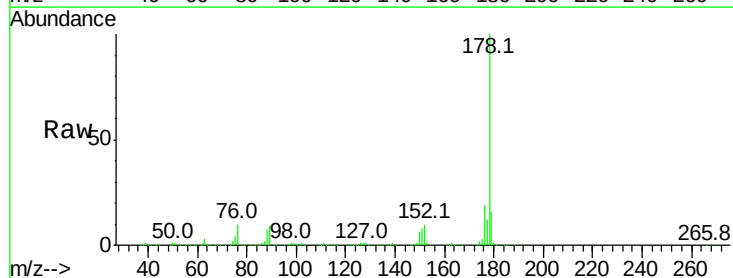
Manual Integrations
 APPROVED

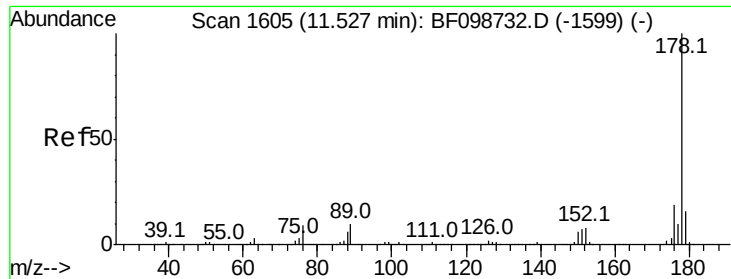
Sohil
 10/13/2017 12:07:12 PM



#70
 Phenanthrene
 Concen: 41.170 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	844880		
176	19.2	15.8	23.8	
179	15.7	13.0	19.6	





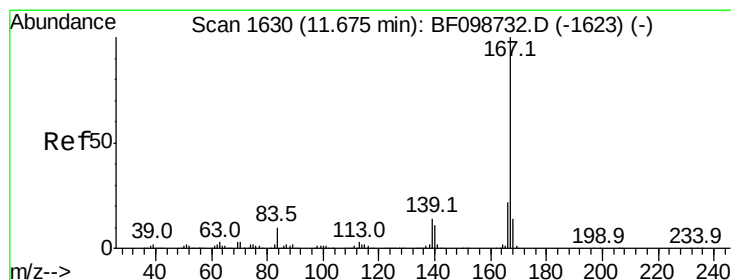
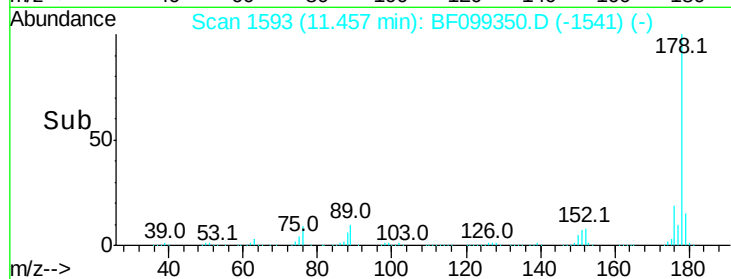
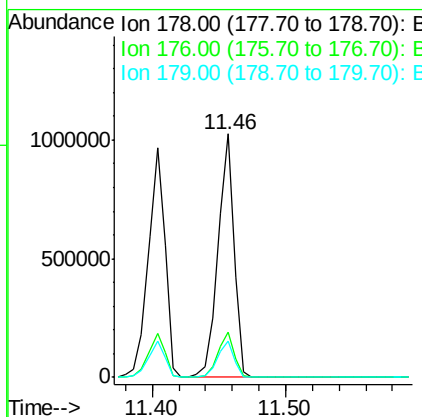
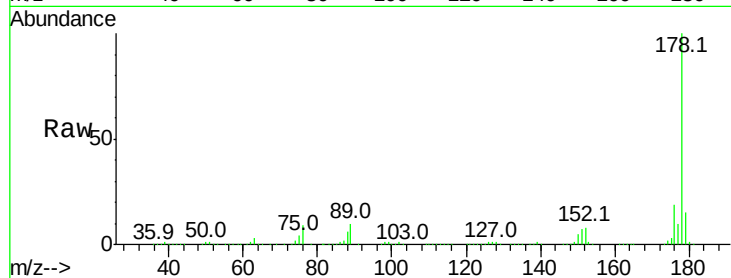
#71
 Anthracene
 Concen: 41.812 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampled :
 PB103140BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.1	12.6	19.0

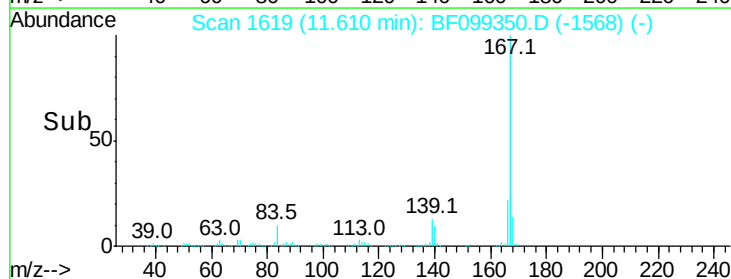
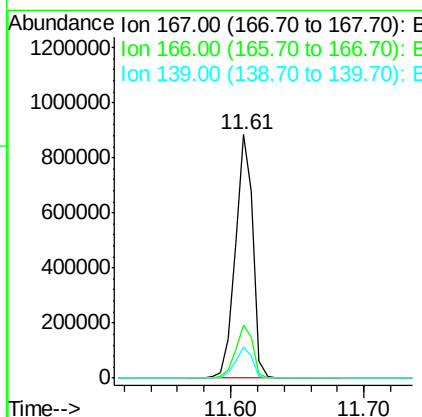
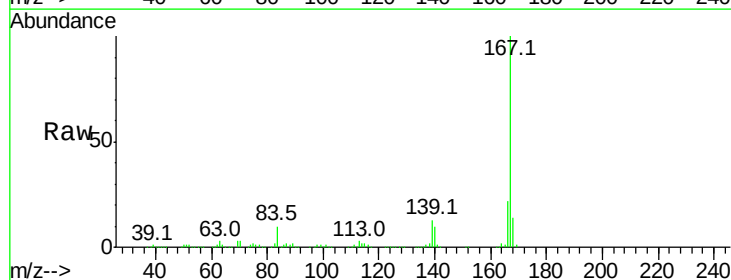
Manual Integrations
 APPROVED

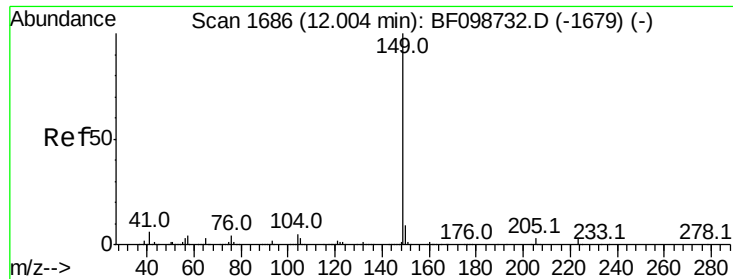
Sohil
 10/13/2017 12:07:12 PM



#72
 Carbazole
 Concen: 39.640 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.846 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

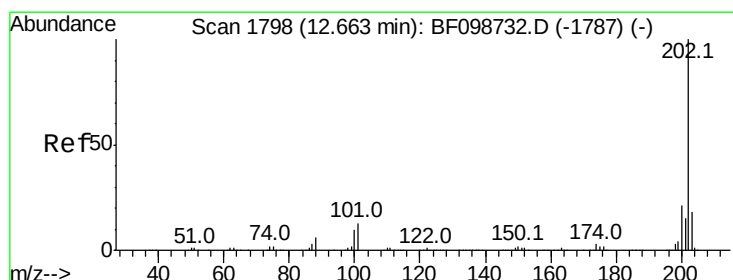
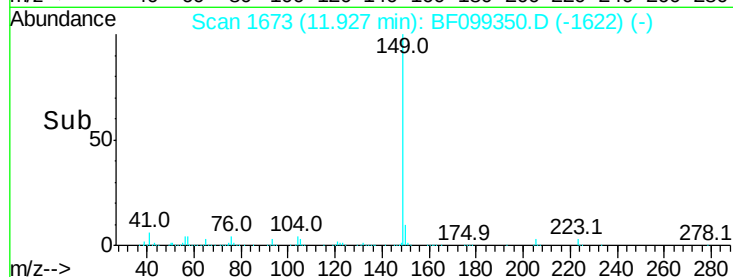
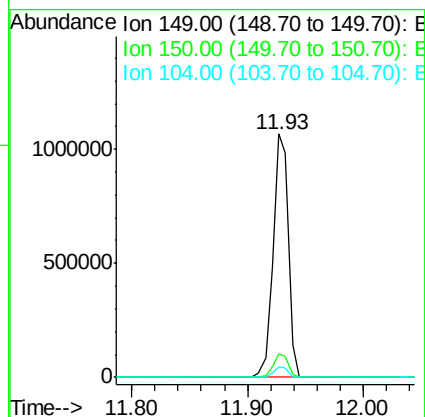
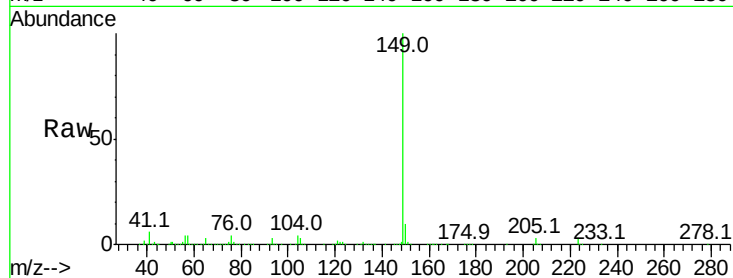
ClientSampleId :

PB103140BS

Tot Ion:	149	Resp:	986193
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#74

Fluoranthene

Concen: 41.293 ng

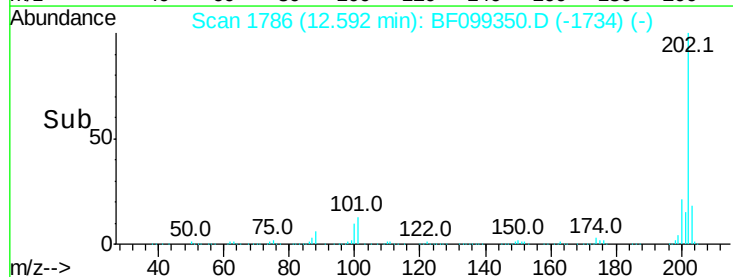
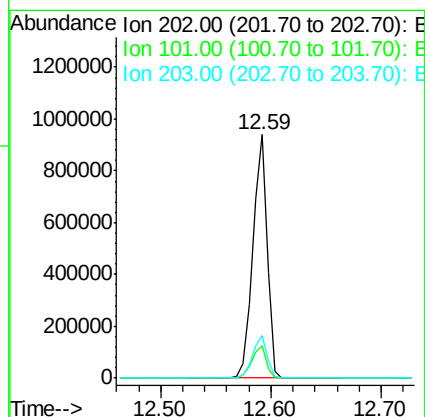
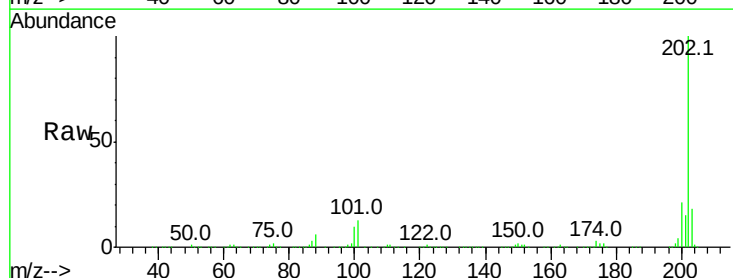
RT: 12.59 min Scan# 1786

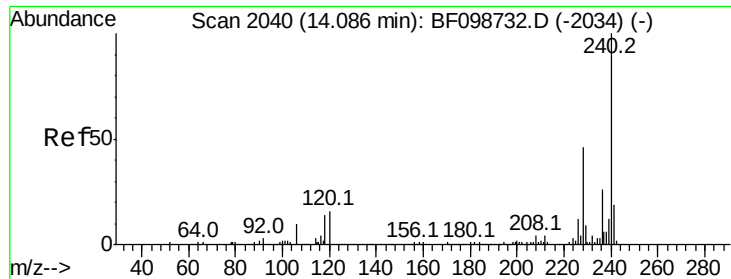
Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	202	Resp:	858097
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

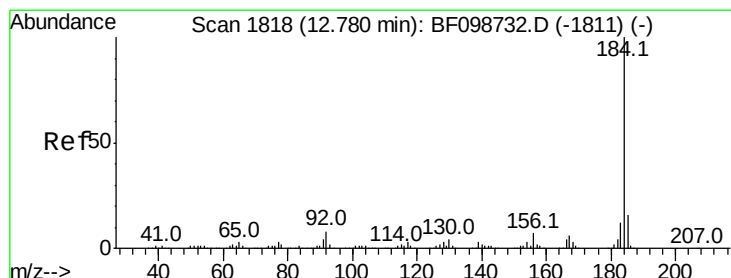
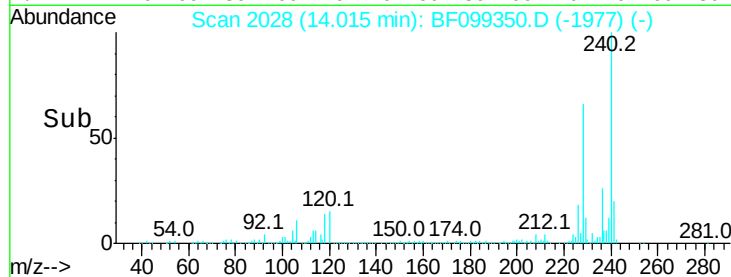
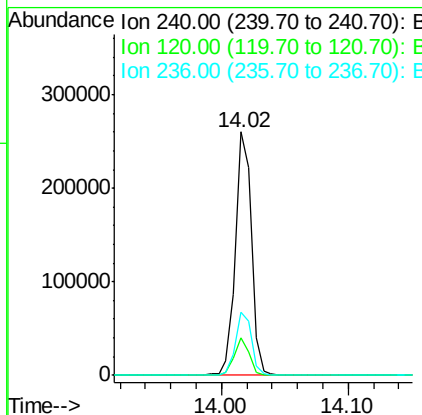
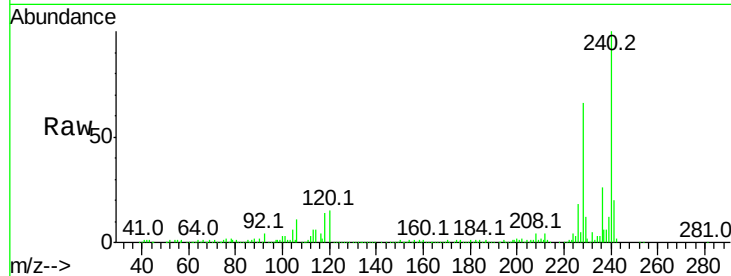
ClientSampleId :

PB103140BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.8	20.7	31.1

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#76

Benzidine

Concen: 24.933 ng

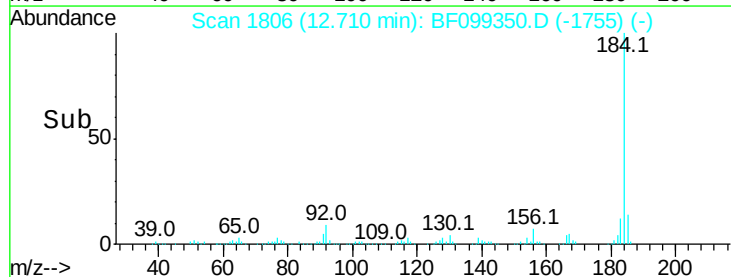
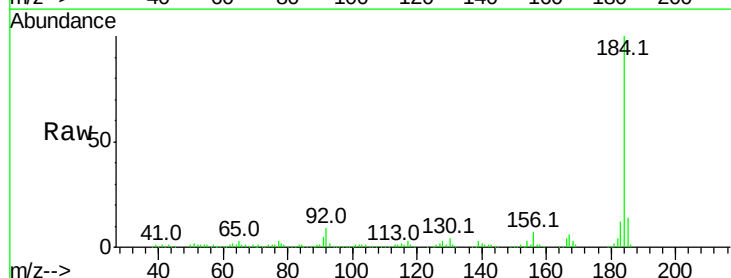
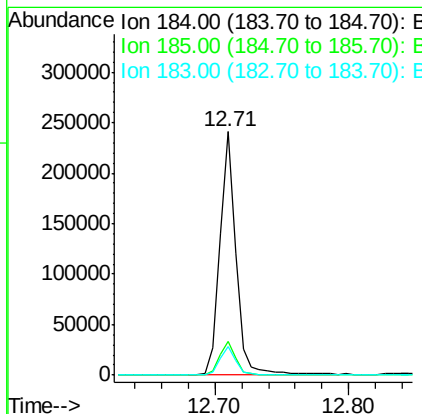
RT: 12.71 min Scan# 1806

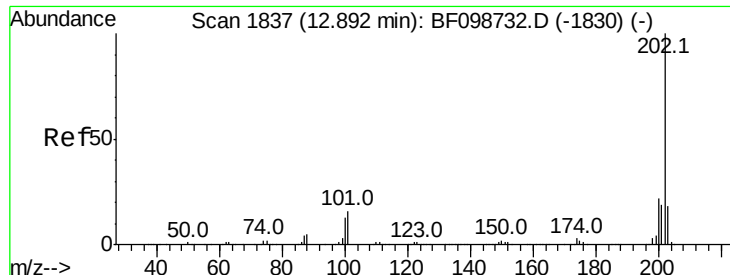
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 49.497 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

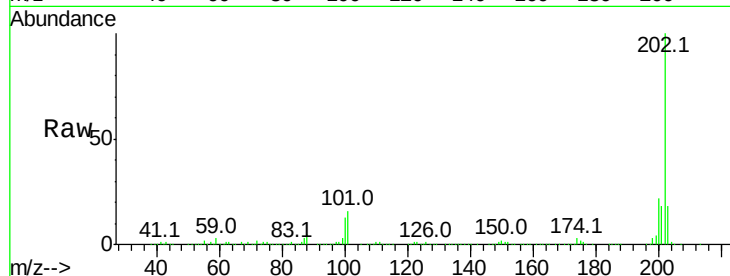
ClientSampleId :

PB103140BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM

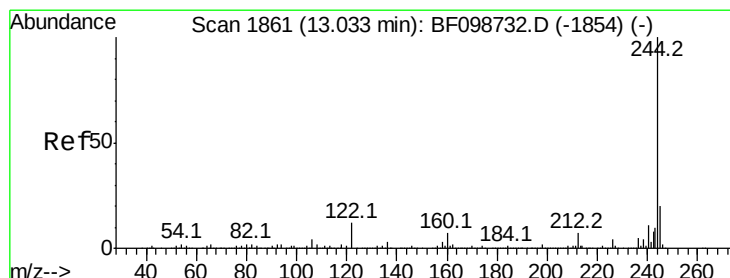
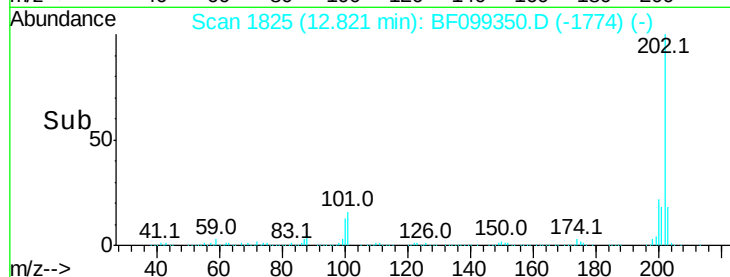
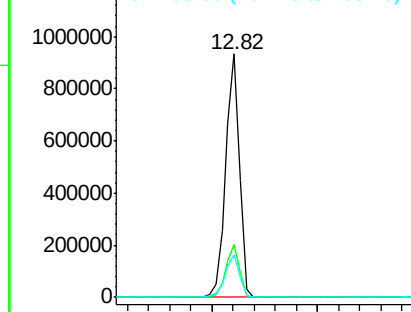


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.250 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

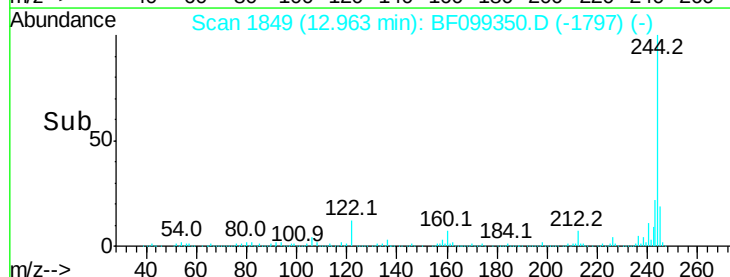
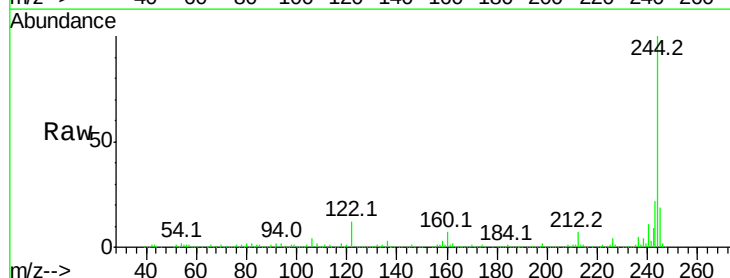
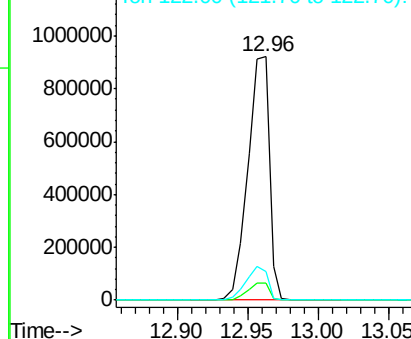
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.7	11.0	16.4

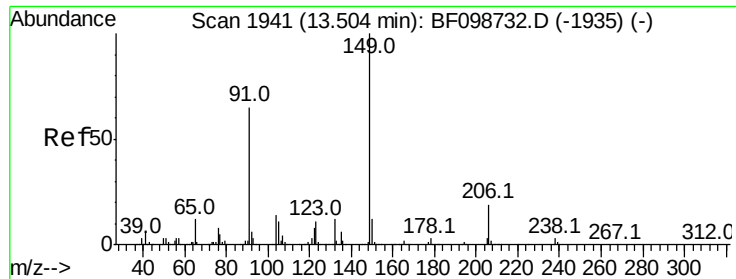
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





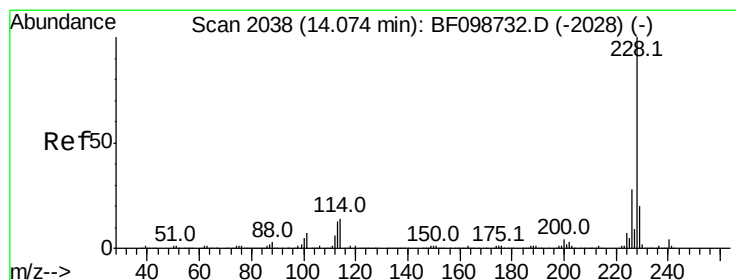
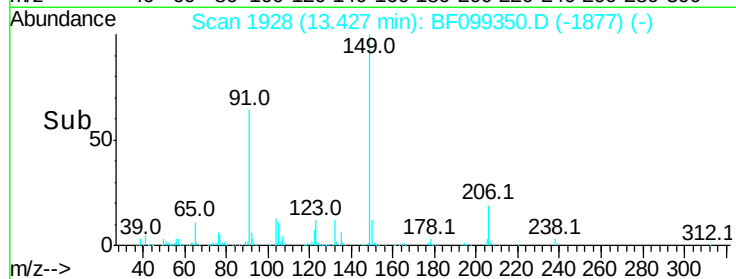
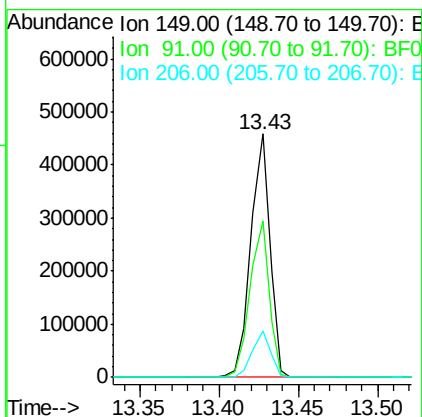
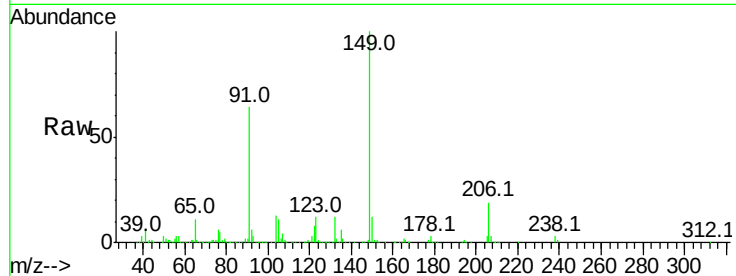
#79
Butylbenzylphthalate
Concen: 47.425 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	383174		
91	64.1	56.8	85.2	
206	18.9	14.1	21.1	

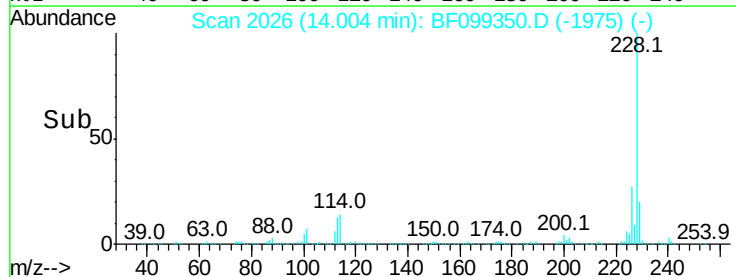
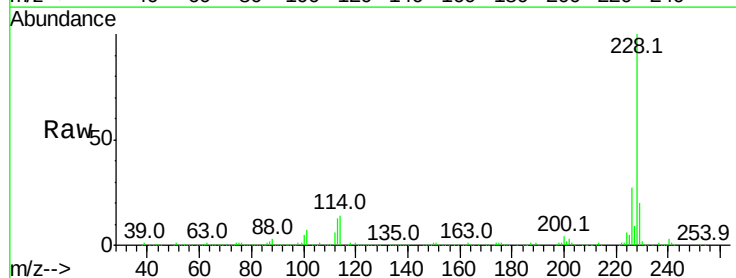
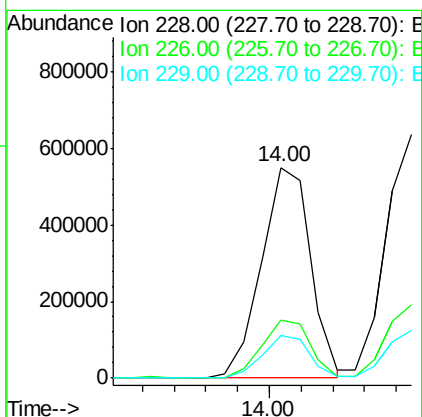
Manual Integrations
APPROVED

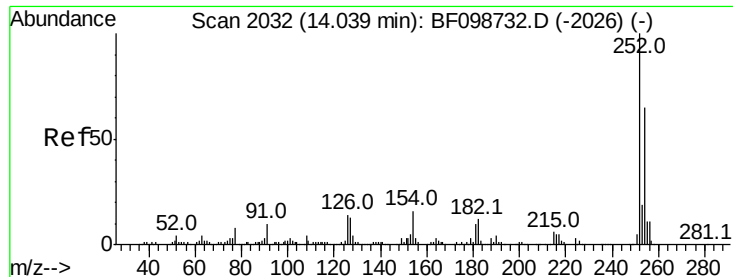
Sohil
10/13/2017 12:07:12 PM



#80
Benzo(a)anthracene
Concen: 43.513 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	594031		
226	27.4	22.6	33.8	
229	20.2	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 30.224 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

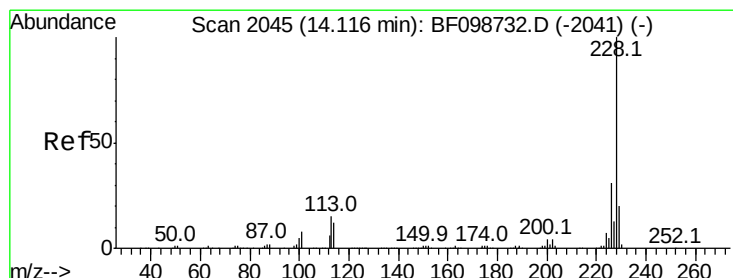
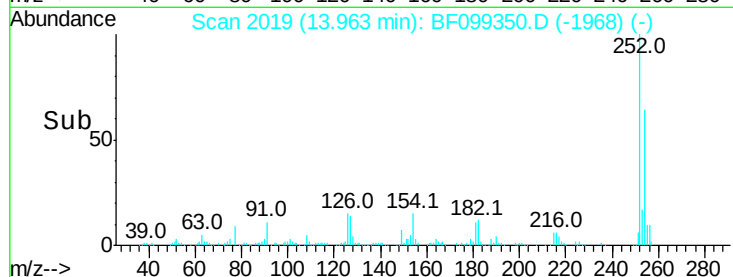
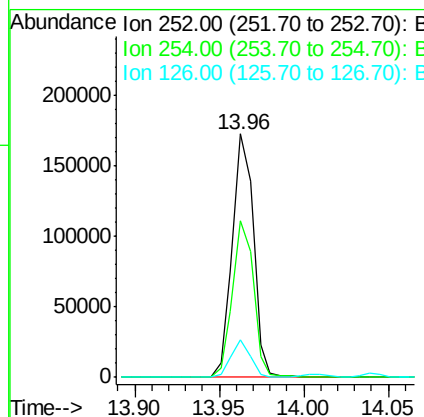
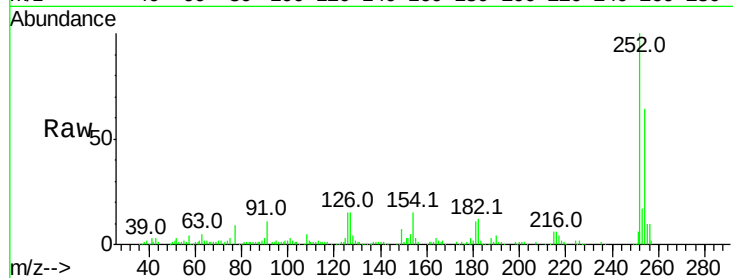
ClientSampleId :

PB103140BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	151257		
254	64.2	50.4	75.6	
126	15.5	11.3	16.9	

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#82

Chrysene

Concen: 42.779 ng

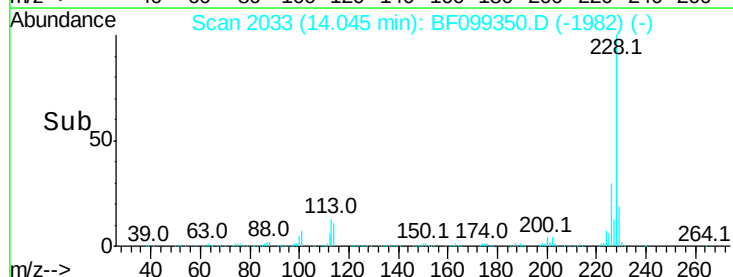
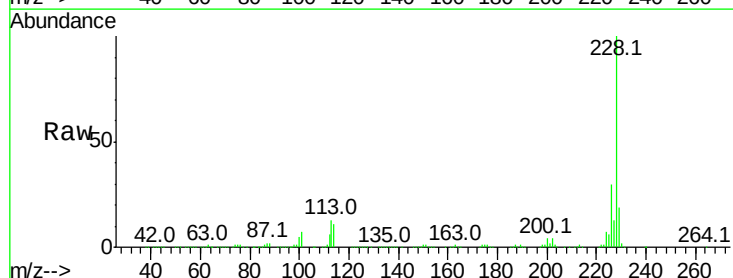
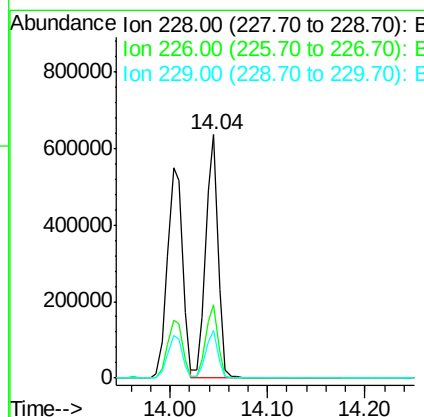
RT: 14.04 min Scan# 2033

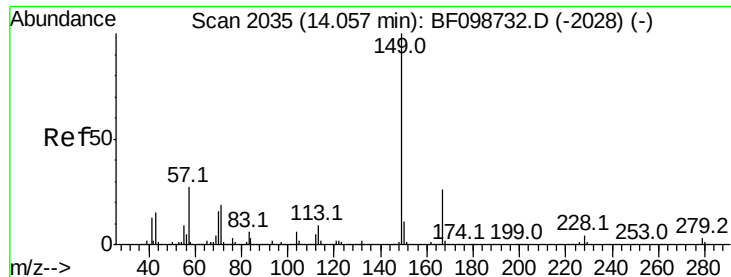
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	555996		
226	29.9	25.0	37.6	
229	19.4	16.2	24.4	





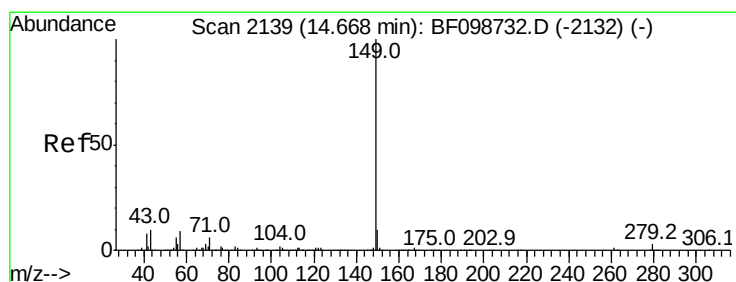
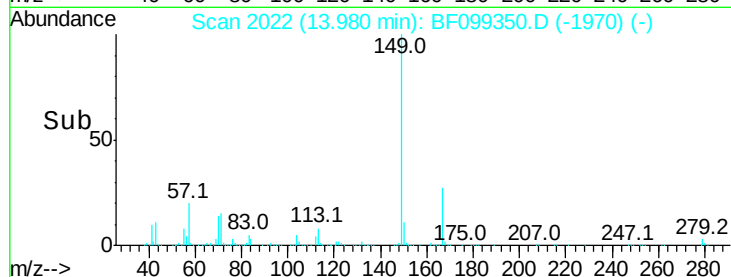
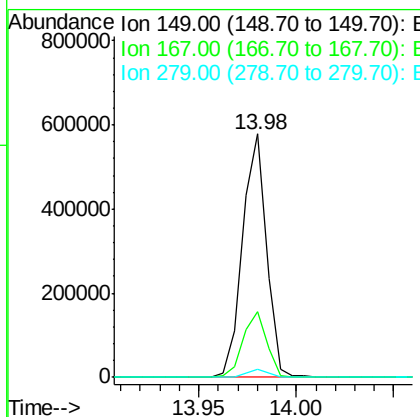
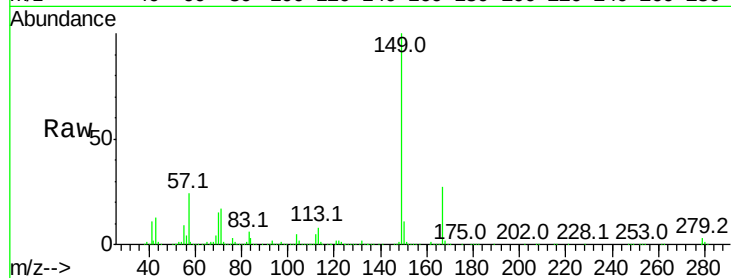
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.268 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.2	3.0	4.4

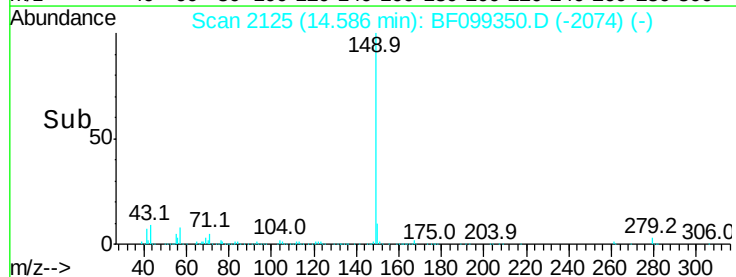
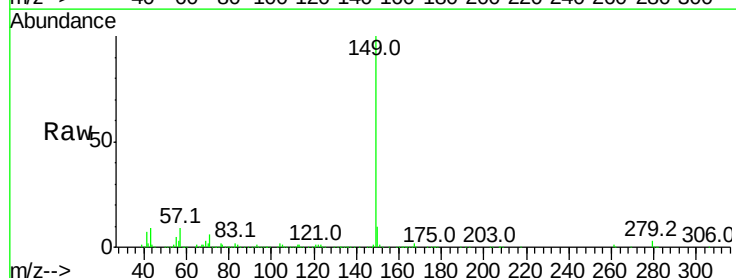
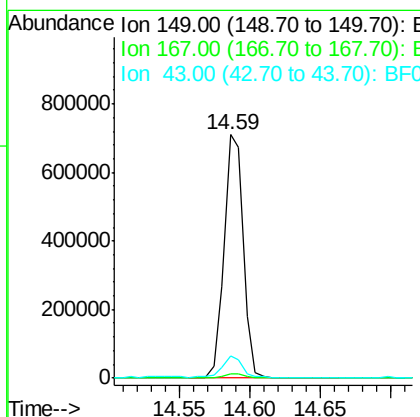
Manual Integrations
 APPROVED

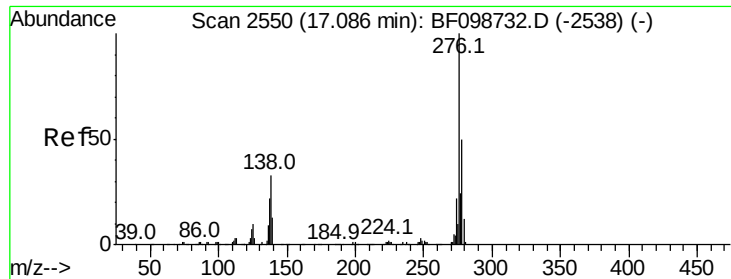
Sohil
 10/13/2017 12:07:12 PM



#84
 Di-n-octyl phthalate
 Concen: 37.290 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.3	8.4	12.6#





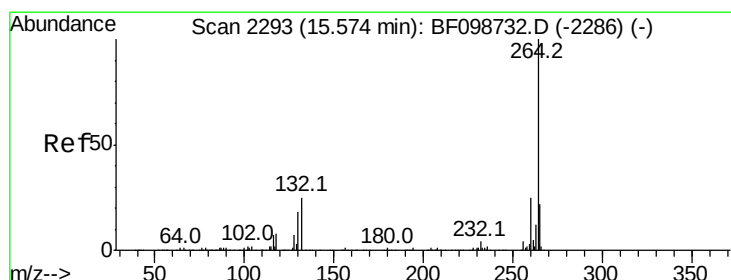
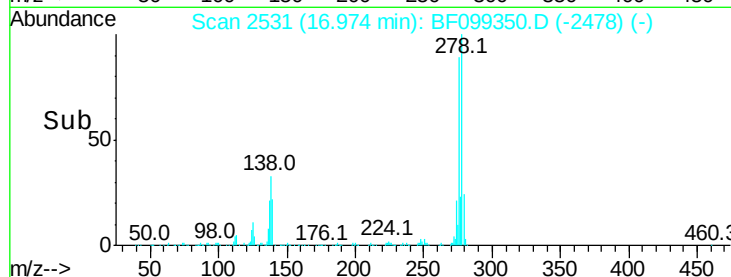
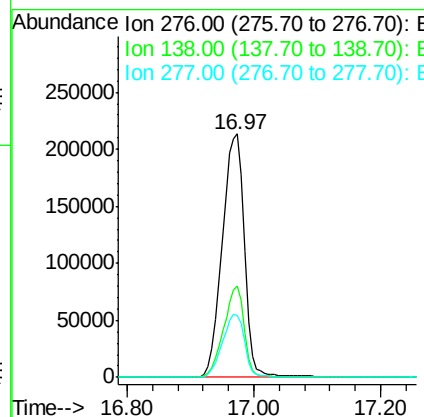
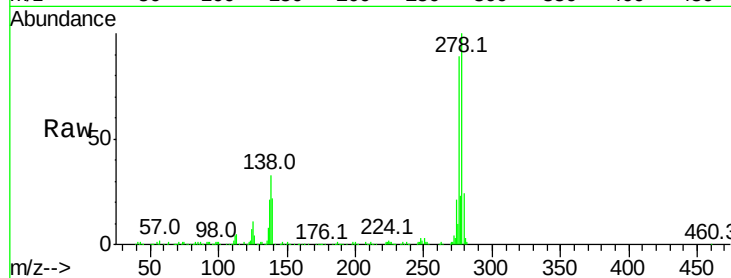
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.720 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.9	20.1	30.1

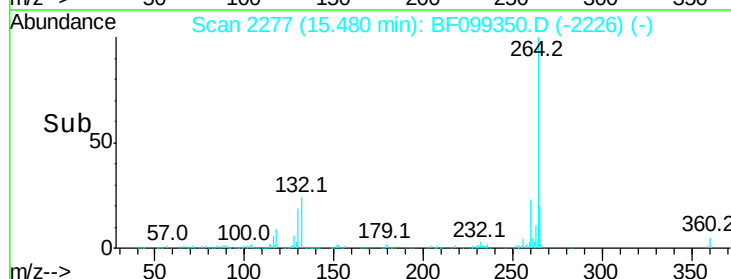
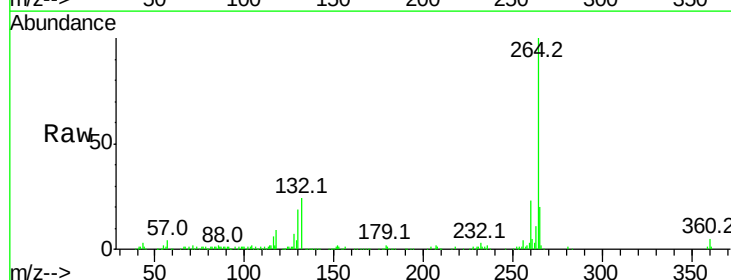
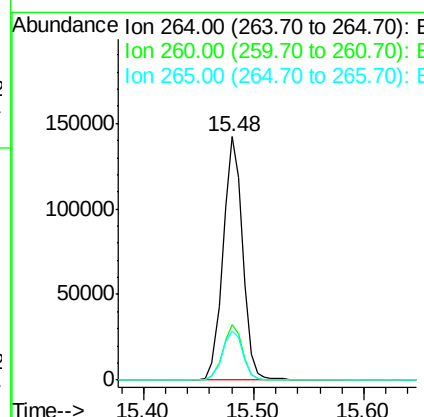
Manual Integrations
 APPROVED

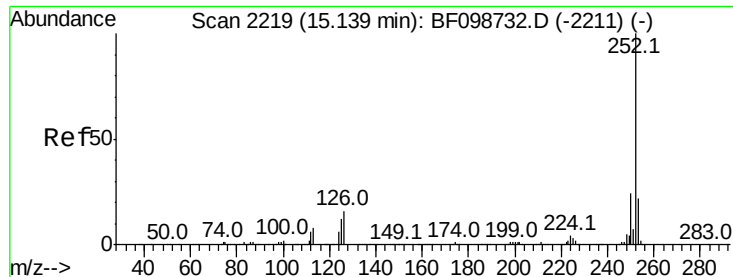
Sohil
 10/13/2017 12:07:12 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.011 ng/mL

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

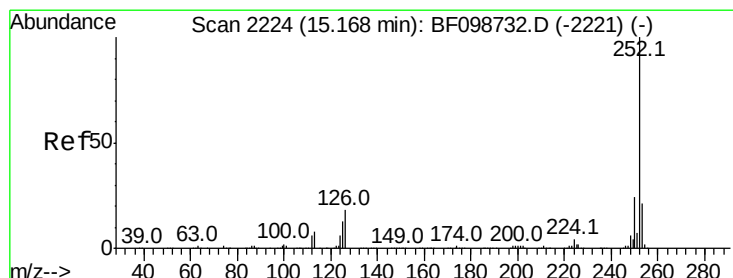
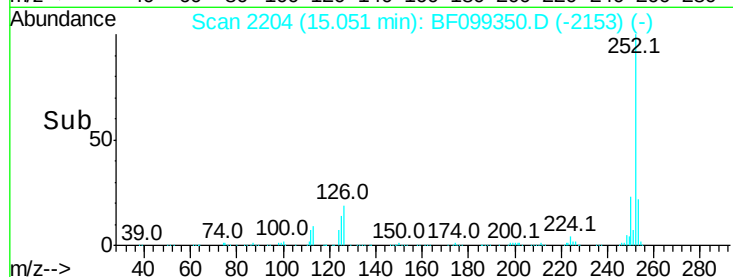
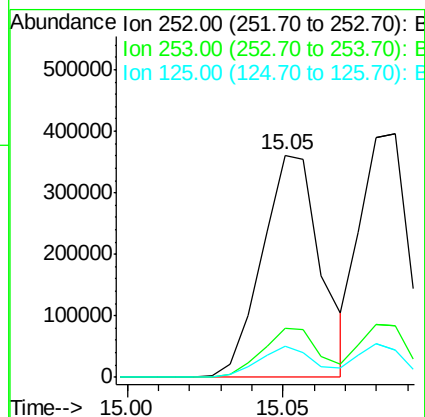
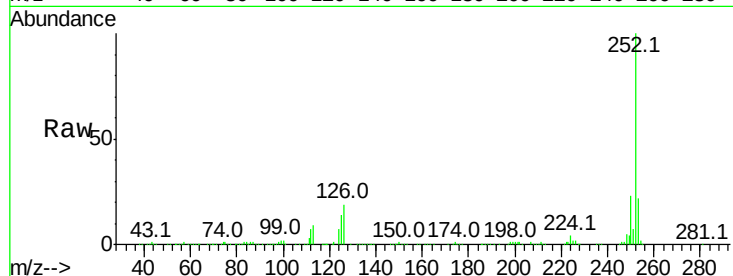
ClientSampleID :

PB103140BS

Tot Ion:	252	Resp:	476442
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	13.9	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:12 PM



#88

Benzo(k)fluoranthene

Concen: 40.015 ng/mL

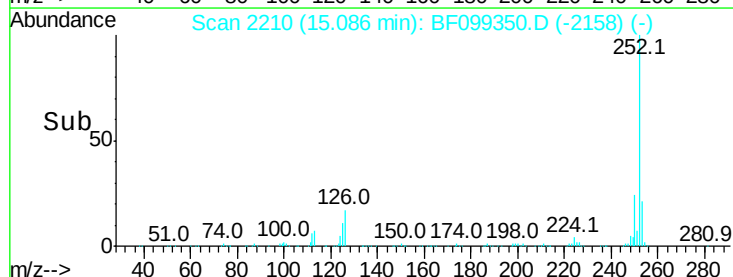
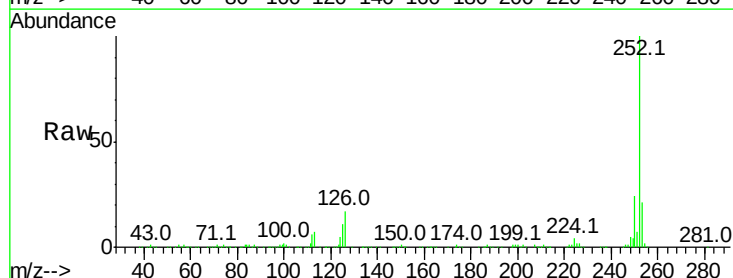
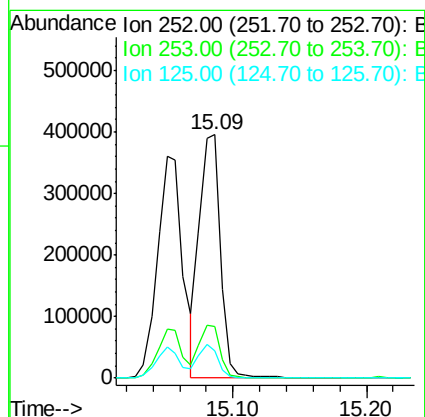
RT: 15.09 min Scan# 2210

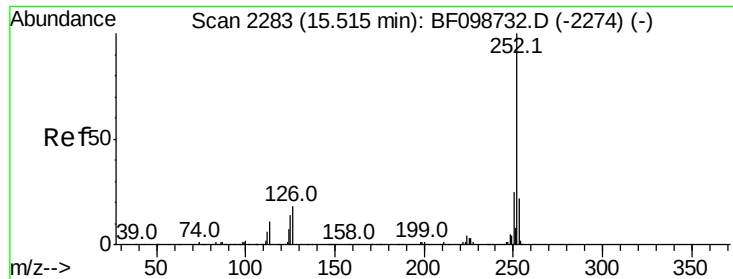
Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:	252	Resp:	427856
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.9	26.9
125	11.2	10.2	15.2





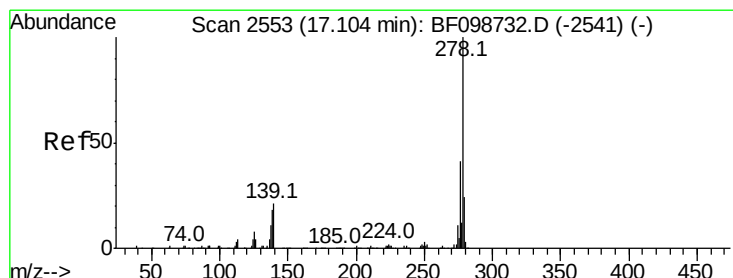
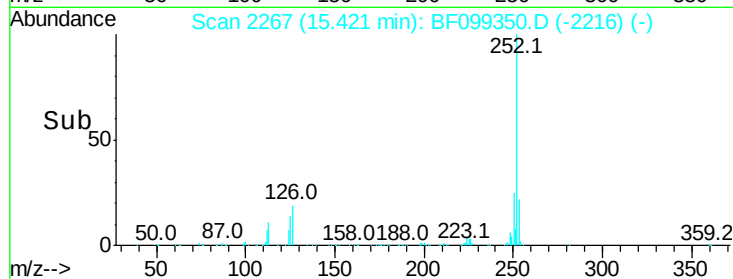
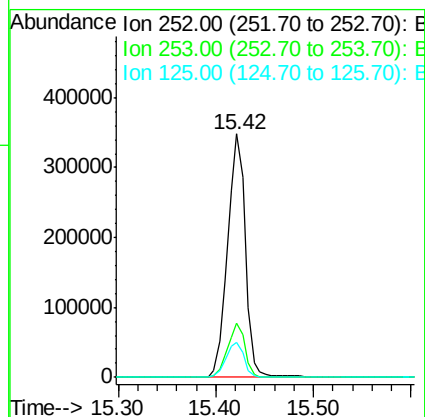
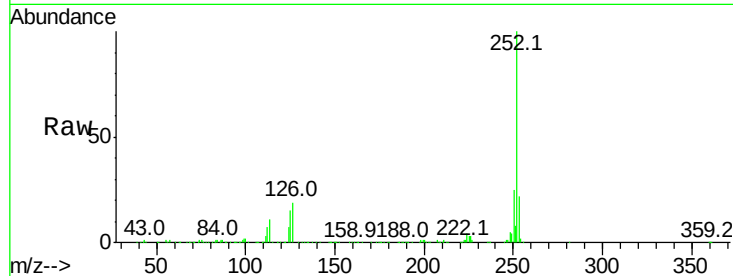
#89
Benzo(a)pyrene
Concen: 44.563 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :
PB103140BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.6	9.8	14.6

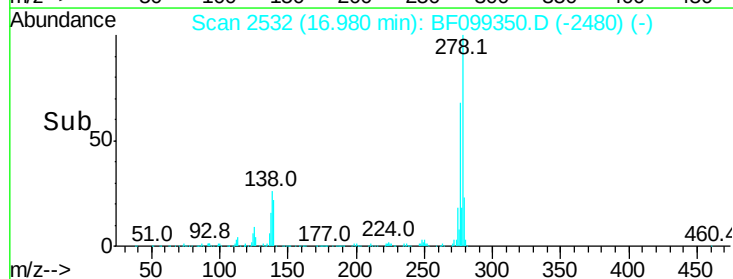
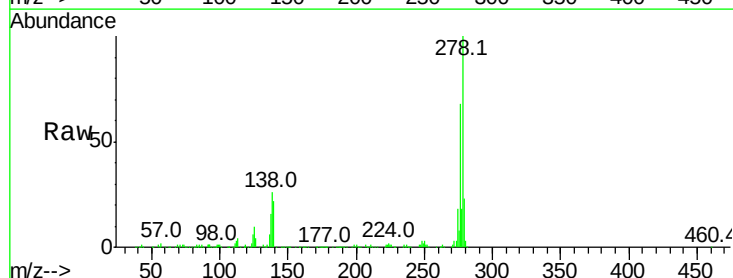
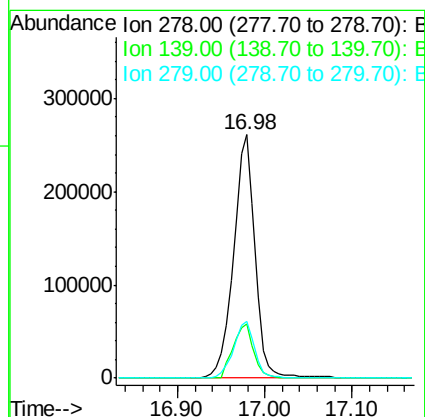
Manual Integrations
APPROVED

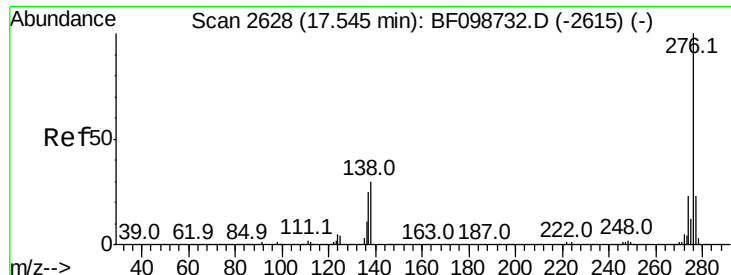
Sohil
10/13/2017 12:07:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 54.515 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 59.965 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB103140BS

Tot Ion:	276	Resp:	471379
Ion Ratio	Lower	Upper	
276	100		
277	24.9	17.9	26.9
138	30.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:07:12 PM

