

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097281.D
 Acq On : 2 Aug 2017 18:52
 Operator : SJ/JU
 Sample : I4534-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:07 PM

Quant Time: Aug 02 23:29:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	103309	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	473091	20.00	ng	-0.05
38) Acenaphthene-d10	9.48	164	198567	20.00	ng	-0.05
63) Phenanthrene-d10	10.95	188	378929	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	246724	20.00	ng	-0.05
86) Perylene-d12	14.92	264	209091	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	794967	116.00	ng	-0.04
7) Phenol-d6	6.13	99	836260	106.89	ng	-0.04
23) Nitrobenzene-d5	7.02	82	491214	60.91	ng	-0.05
41) 2,4,6-Tribromophenol	10.27	330	173516	110.60	ng	-0.05
44) 2-Fluorobiphenyl	8.82	172	828553	70.81	ng	-0.05
78) Terphenyl-d14	12.53	244	682977	56.44	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	88385	30.906	ng	# 69
3) Pyridine	2.59	79	276978	31.629	ng	# 64
4) n-Nitrosodimethylamine	2.55	42	155503	32.053	ng	# 78
6) Aniline	6.11	93	333617	33.887	ng	94
8) 2-Chlorophenol	6.24	128	263829	36.004	ng	93
9) Benzaldehyde	5.99	77	150575	32.516	ng	96
10) Phenol	6.13	94	357911	38.568	ng	97
11) bis(2-Chloroethyl)ether	6.20	93	253131	34.488	ng	92
12) 1,3-Dichlorobenzene	6.39	146	263810	33.406	ng	96
13) 1,4-Dichlorobenzene	6.47	146	272879	34.868	ng	97
14) 1,2-Dichlorobenzene	6.62	146	231929	33.941	ng	97
15) Benzyl Alcohol	6.62	79	197634	39.899	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.75	45	565982	38.447	ng	70
17) 2-Methylphenol	6.74	107	221533	39.171	ng	# 91
18) Hexachloroethane	6.96	117	94268	32.925	ng	# 80
19) n-Nitroso-di-n-propylamine	6.88	70	182444	35.428	ng	# 81
20) 3+4-Methylphenols	6.90	107	277600	37.582	ng	# 63
22) Acetophenone	6.87	105	356608	31.388	ng	# 99
24) Nitrobenzene	7.04	77	258021	30.721	ng	96
25) Isophorone	7.29	82	499441	31.624	ng	97
26) 2-Nitrophenol	7.36	139	149382	32.875	ng	# 82
27) 2,4-Dimethylphenol	7.42	122	243540	32.491	ng	97
28) bis(2-Chloroethoxy)methane	7.50	93	324871	31.521	ng	99
29) 2,4-Dichlorophenol	7.61	162	223593	34.626	ng	95
30) 1,2,4-Trichlorobenzene	7.68	180	204684	33.255	ng	96
31) Naphthalene	7.76	128	748928	33.583	ng	99
32) Benzoic acid	7.54	122	29455	5.262	ng	87
33) 4-Chloroaniline	7.82	127	272750	30.058	ng	99
34) Hexachlorobutadiene	7.88	225	103444	31.702	ng	97
35) Caprolactam	8.19	113	74699m	36.076	ng	
36) 4-Chloro-3-methylphenol	8.32	107	243289	34.534	ng	86
37) 2-Methylnaphthalene	8.45	142	489066	34.637	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	180684	34.102	ng	99
40) Hexachlorocyclopentadiene	8.60	237	90809	51.566	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097281.D
 Acq On : 2 Aug 2017 18:52
 Operator : SJ/JU
 Sample : I4534-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:07 PM

Quant Time: Aug 02 23:29:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	121106	31.542	nq	99
43) 2,4,5-Trichlorophenol	8.79	196	136858	35.612	nq	97
45) 1,1'-Biphenyl	8.91	154	560706	33.060	nq	98
46) 2-Chloronaphthalene	8.93	162	428443	34.328	nq	94
47) 2-Nitroaniline	9.04	65	176113	38.881	nq	96
48) Acenaphthylene	9.34	152	628813	32.824	nq	99
49) Dimethylphthalate	9.22	163	666250	44.184	nq	99
50) 2,6-Dinitrotoluene	9.29	165	111590	34.892	nq	# 88
51) Acenaphthene	9.51	154	377074	33.416	nq	97
52) 3-Nitroaniline	9.45	138	123671	31.154	nq	91
53) 2,4-Dinitrophenol	9.57	184	52943	36.409	nq	# 73
54) Dibenzofuran	9.69	168	555224	36.940	nq	99
55) 4-Nitrophenol	9.65	139	130182	55.146	nq	# 62
56) 2,4-Dinitrotoluene	9.69	165	140849	38.311	nq	# 79
57) Fluorene	10.03	166	450163	39.849	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	98890	37.268	nq	99
59) Diethylphthalate	9.92	149	554739	40.100	nq	100
60) 4-Chlorophenyl-phenylether	10.02	204	183842	39.409	nq	94
61) 4-Nitroaniline	10.06	138	154394	40.933	nq	92
62) Azobenzene	10.18	77	566446	44.138	nq	93
64) 4,6-Dinitro-2-methylphenol	10.10	198	77390	32.867	nq	87
65) n-Nitrosodiphenylamine	10.15	169	445313	33.776	nq	98
66) 4-Bromophenyl-phenylether	10.50	248	125057	33.070	nq	93
67) Hexachlorobenzene	10.57	284	128988	30.417	nq	# 89
68) Atrazine	10.68	200	138023	36.508	nq	95
69) Pentachlorophenol	10.77	266	98509	56.143	nq	99
70) Phenanthrene	10.97	178	701506	34.552	nq	99
71) Anthracene	11.03	178	711553	34.218	nq	99
72) Carbazole	11.19	167	728976	35.645	nq	99
73) Di-n-butylphthalate	11.53	149	864508	34.197	nq	99
74) Fluoranthene	12.16	202	661416	33.254	nq	98
76) Benzidine	12.29	184	393104	42.940	nq	# 92
77) Pyrene	12.38	202	704913	34.899	nq	100
79) Butylbenzylphthalate	13.02	149	356821	34.729	nq	# 85
80) Benzo(a)anthracene	13.56	228	533268	33.404	nq	100
81) 3,3'-Dichlorobenzidine	13.53	252	160660	26.687	nq	# 97
82) Chrysene	13.60	228	516360	33.125	nq	100
83) Bis(2-ethylhexyl)phthalate	13.58	149	467372	34.840	nq	99
84) Di-n-octyl phthalate	14.19	149	800557	32.519	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.12	276	371330	27.780	nq	97
87) Benzo(b)fluoranthene	14.56	252	457076	36.366	nq	97
88) Benzo(k)fluoranthene	14.59	252	415416	34.684	nq	96
89) Benzo(a)pyrene	14.86	252	384868	33.457	nq	98
90) Dibenzo(a,h)anthracene	16.13	278	301997	32.014	nq	96
91) Benzo(g,h,i)perylene	16.47	276	337954	34.163	nq	98

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

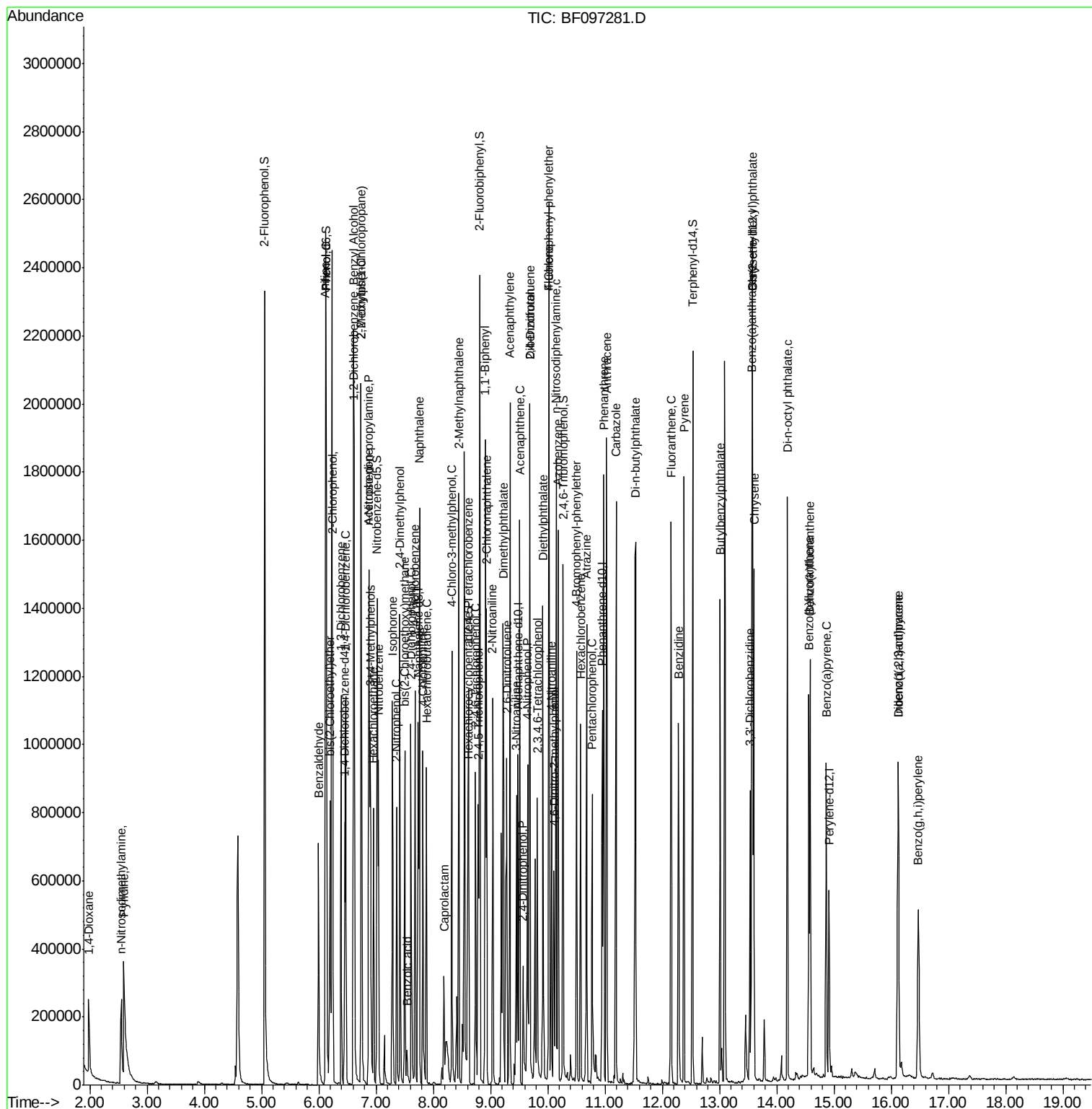
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\  
Data File : BF097281.D  
Acq On    : 2 Aug 2017 18:52  
Operator  : SJ/JU  
Sample    : I4534-01MS  
Misc      :  
ALS Vial  : 12 Sample Multiplier: 1
```

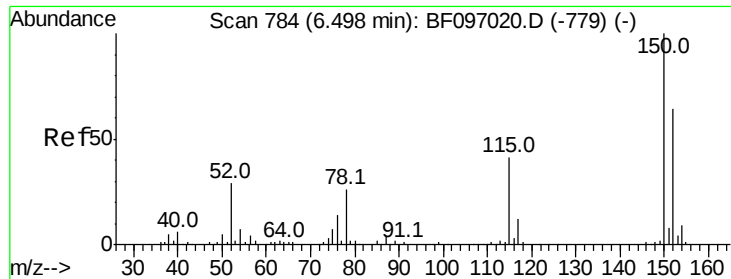
Instrument :
BNA_F
ClientSampleId :
72-11938MS

Manual Integrations APPROVED

Sohil
8/3/2017 6:08:07 PM

Quant Time: Aug 02 23:29:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration





#1

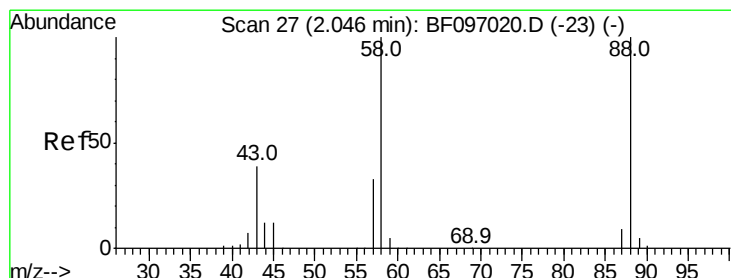
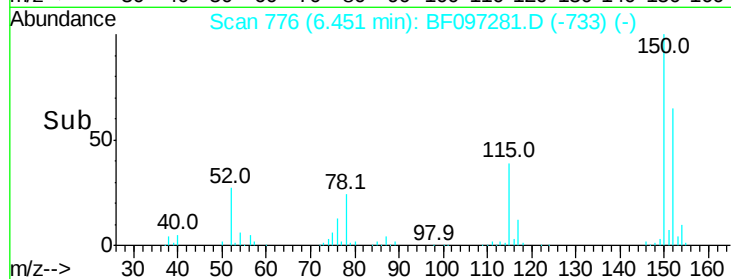
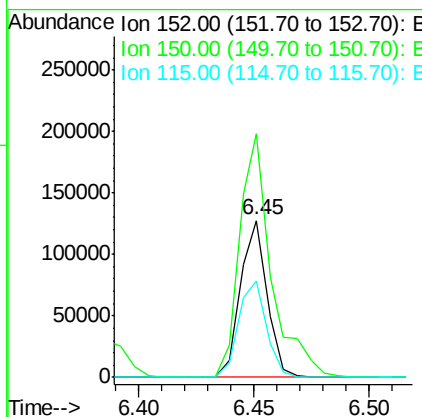
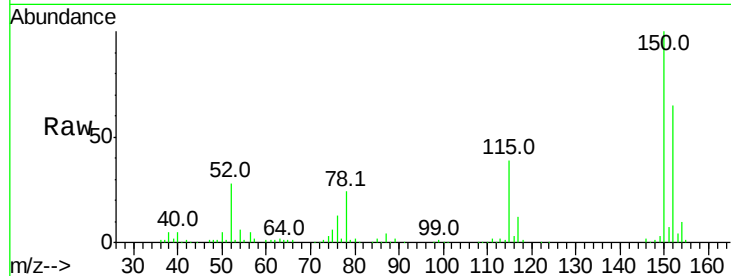
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	61.1	52.2	78.2

Manual Integrations
APPROVED

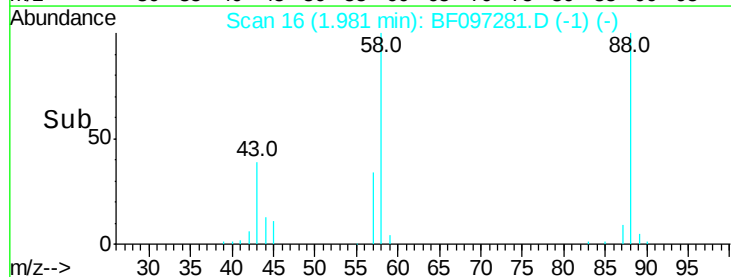
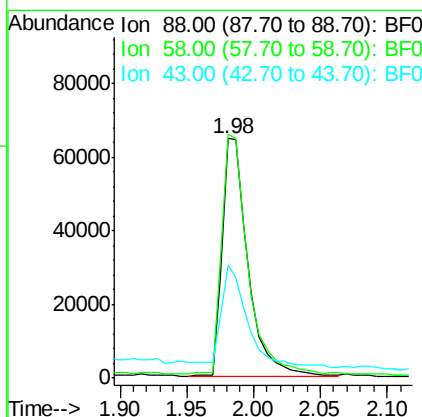
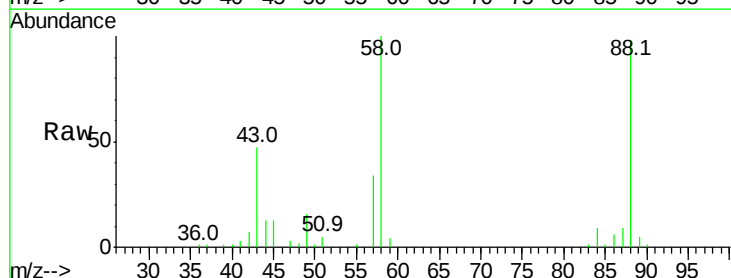
Sohil
8/3/2017 6:08:07 PM

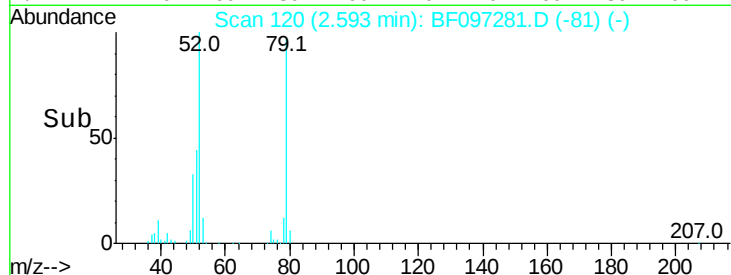
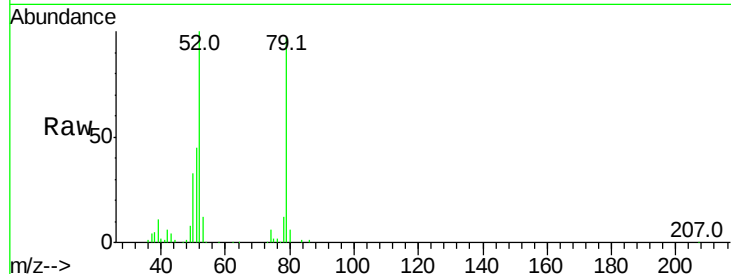
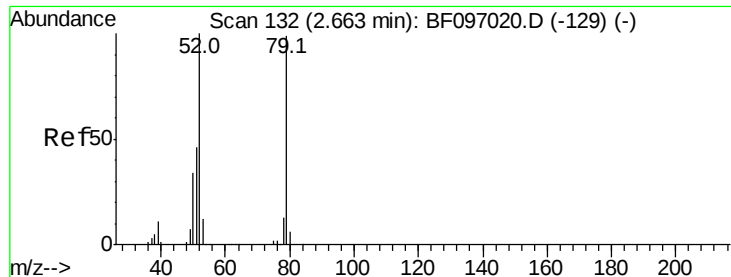


#2

1,4-Dioxane
Concen: 30.906 ng
RT: 1.98 min Scan# 16
Delta R.T. -0.06 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.1	61.4	92.0#
43	42.4	23.4	35.0#





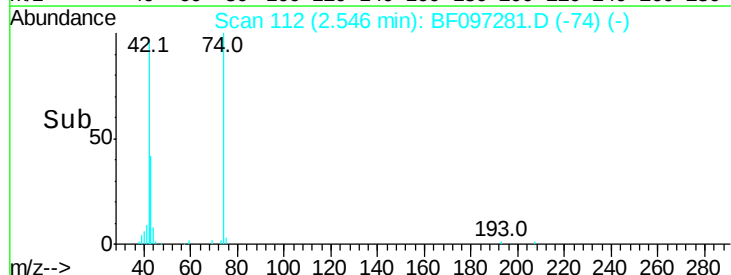
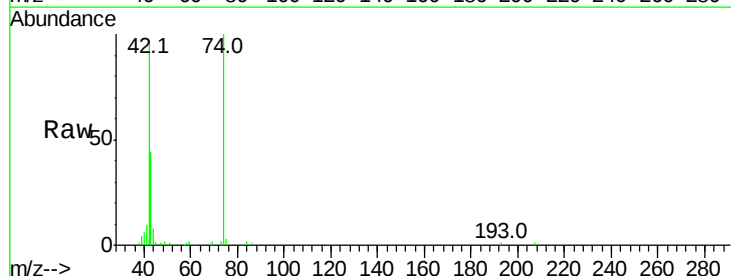
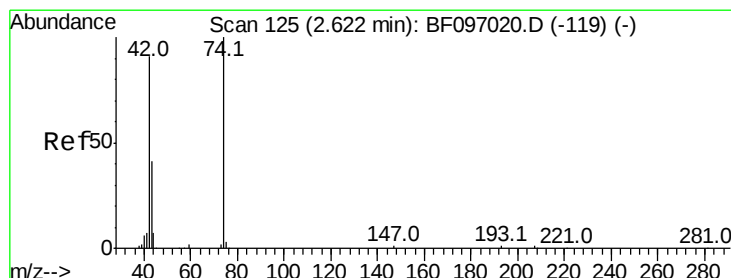
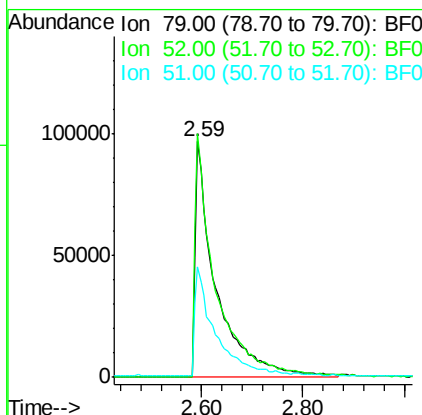
#3
Pvridine
Concen: 31.629 ng
RT: 2.59 min Scan# 120
Delta R.T. -0.07 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.2	54.8	82.2#
51	46.7	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
72-11938MS

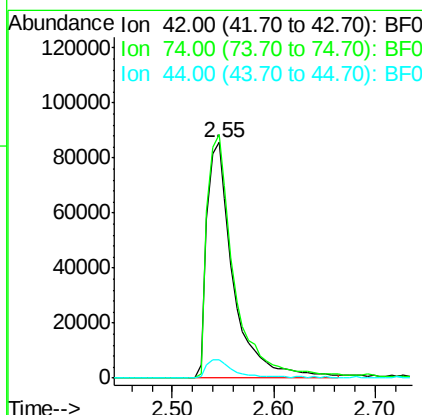
Manual Integrations
APPROVED

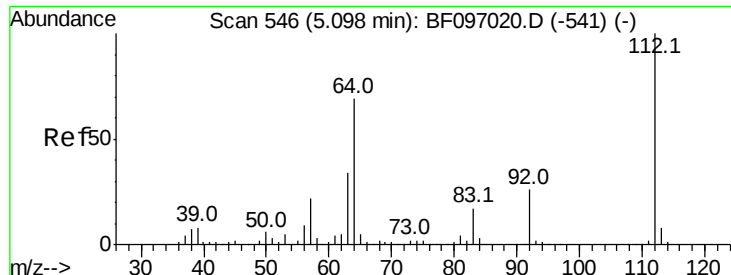
Sohil
8/3/2017 6:08:07 PM



#4
n-Nitrosodimethylamine
Concen: 32.053 ng
RT: 2.55 min Scan# 112
Delta R.T. -0.08 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.3	103.9	155.9#
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 116.002 ng

RT: 5.06 min Scan# 539

Delta R.T. -0.04 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

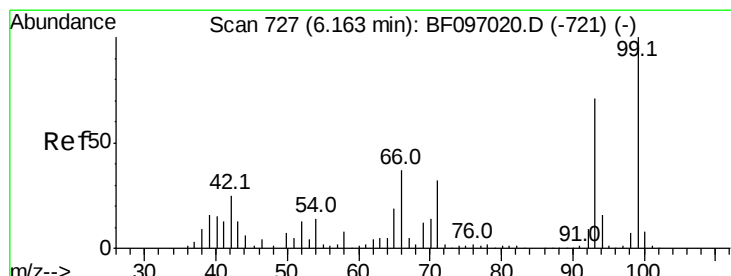
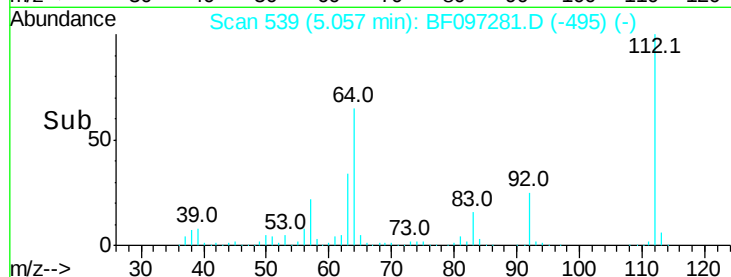
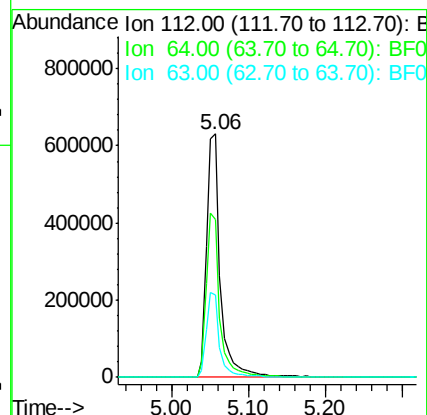
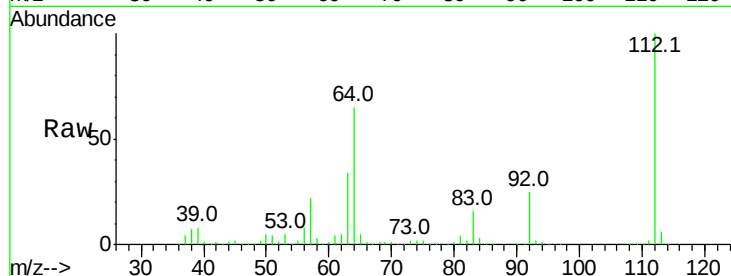
ClientSampleId :

72-11938MS

Tot Ion:	112	Resp:	794967
Ion Ratio	Lower	Upper	
112	100		
64	64.6	46.0	69.0
63	33.6	23.4	35.0

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#6

Aniline

Concen: 33.887 ng

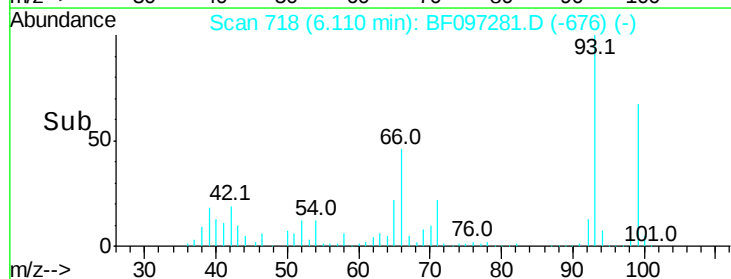
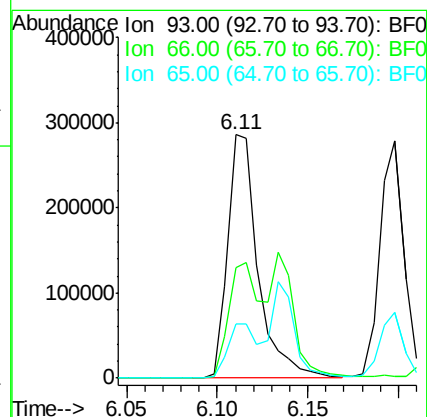
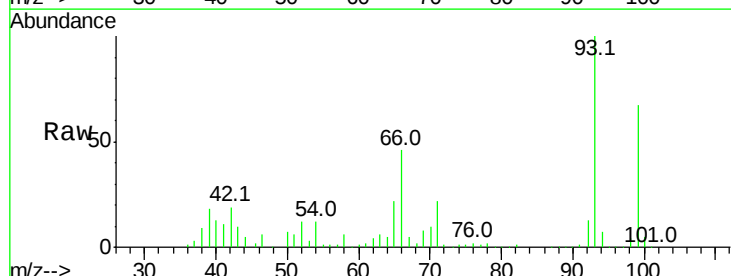
RT: 6.11 min Scan# 718

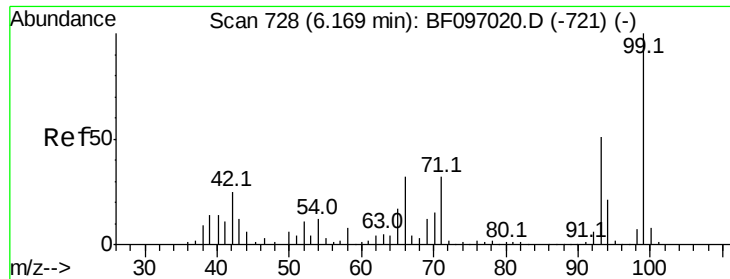
Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion:	93	Resp:	333617
Ion Ratio	Lower	Upper	
93	100		
66	45.6	32.9	49.3
65	22.0	16.0	24.0





#7

Phenol-d6

Concen: 106.890 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tot Ion: 99 Resp: 836260

Ion Ratio Lower Upper

99 100

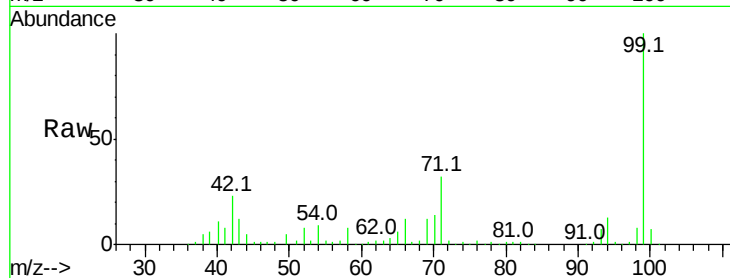
42 22.9 13.5 20.3#

71 31.6 24.5 36.7

Manual Integrations
APPROVED

Sohil

8/3/2017 6:08:07 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

800000

6.13

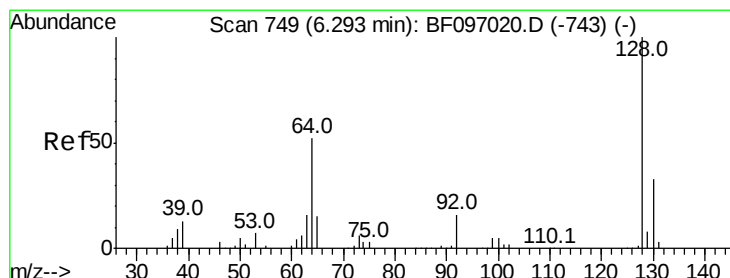
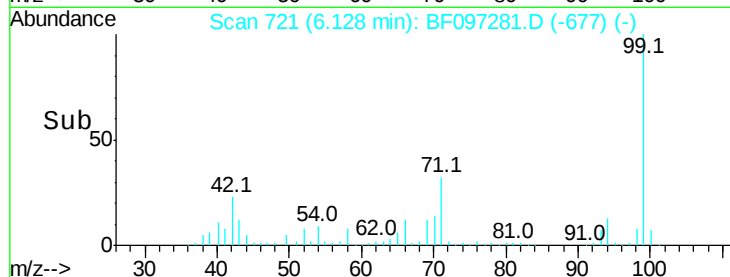
600000

400000

200000

0

Time--> 6.05 6.10 6.15 6.20



#8

2-Chlorophenol

Concen: 36.004 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

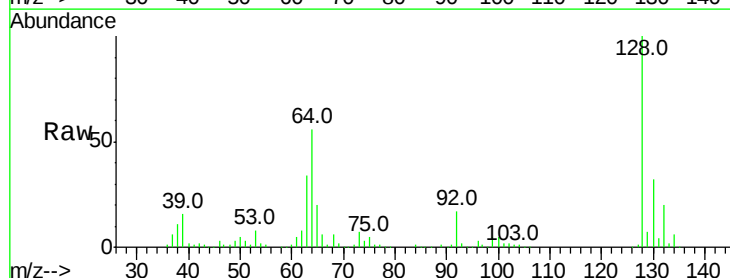
Tgt Ion:128 Resp: 263829

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 56.2 28.4 68.4



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

300000

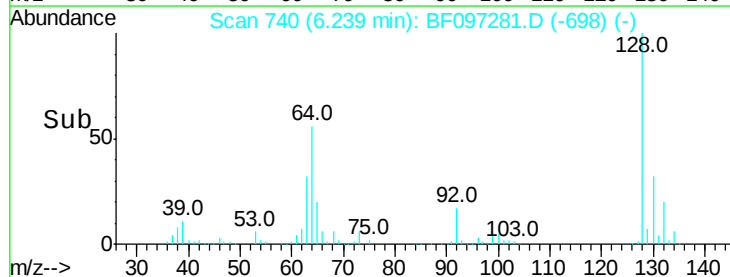
6.24

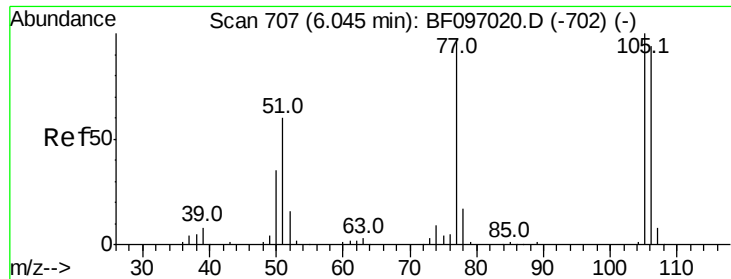
200000

100000

0

Time--> 6.20 6.25 6.30





#9

Benzaldehyde

Concen: 32.516 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

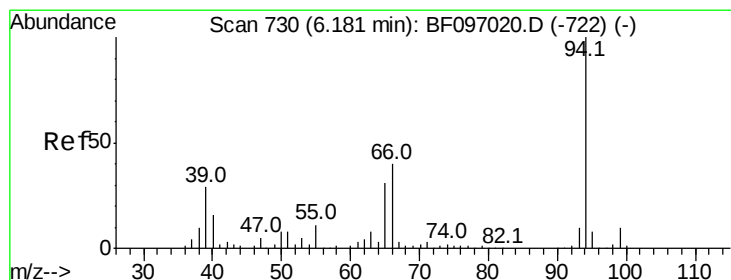
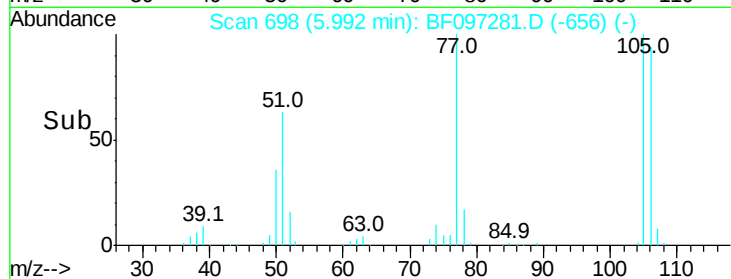
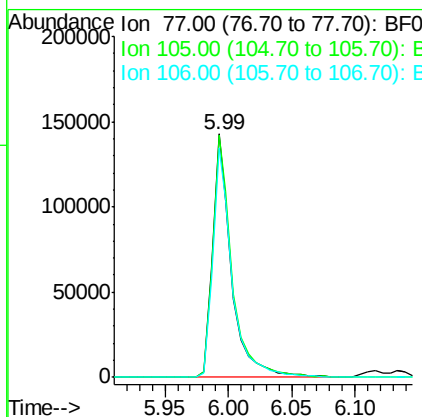
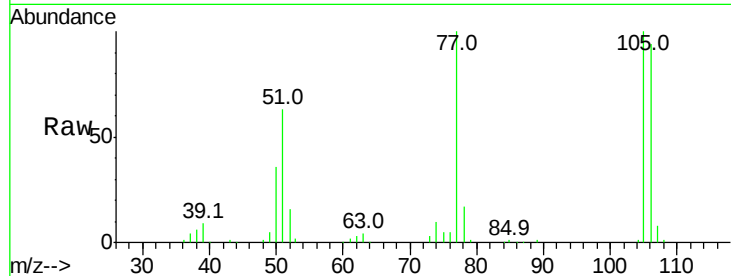
ClientSampleId :

72-11938MS

Tot Ion:	77	Resp:	150575
Ion Ratio	Lower	Upper	
77	100		
105	99.7	83.8	123.8
106	94.3	79.1	119.1

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#10

Phenol

Concen: 38.568 ng

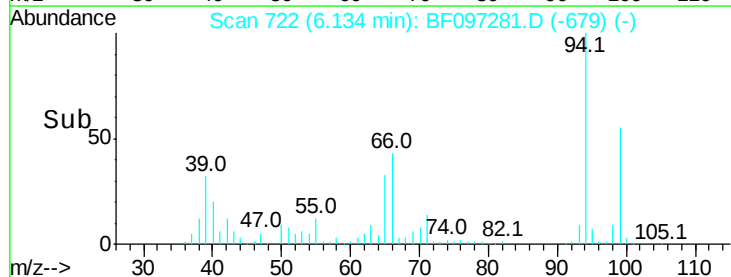
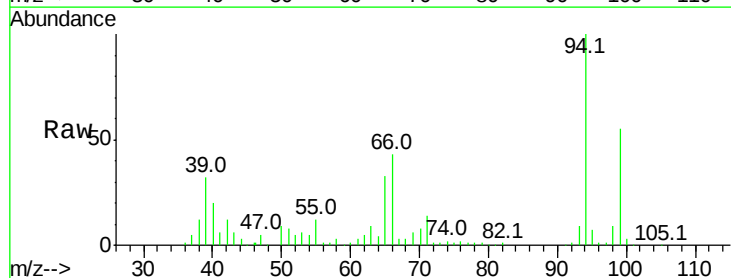
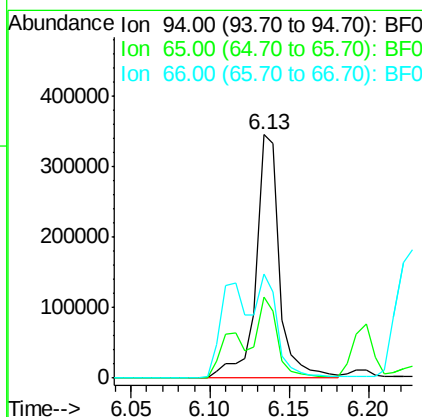
RT: 6.13 min Scan# 722

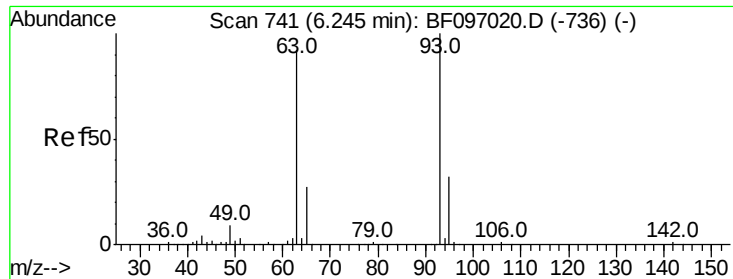
Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion:	94	Resp:	357911
Ion Ratio	Lower	Upper	
94	100		
65	33.0	9.9	49.9
66	42.9	23.1	63.1





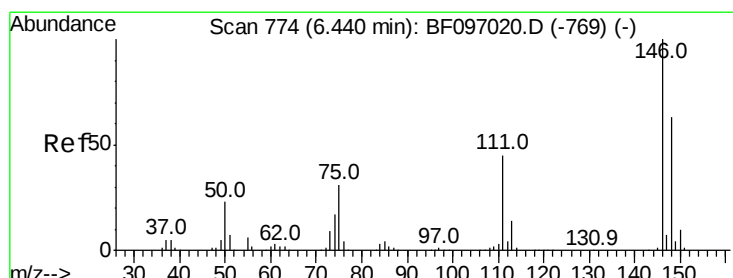
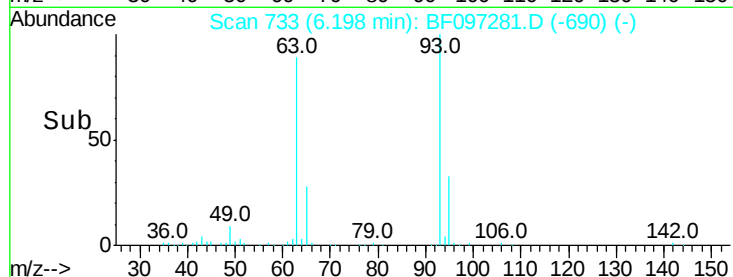
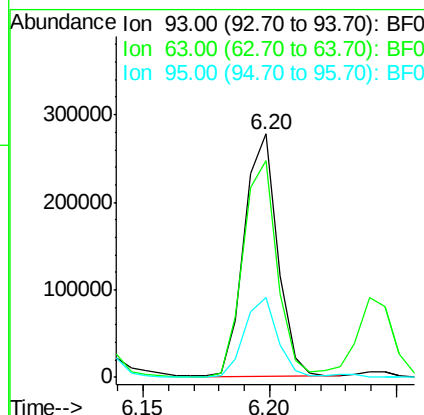
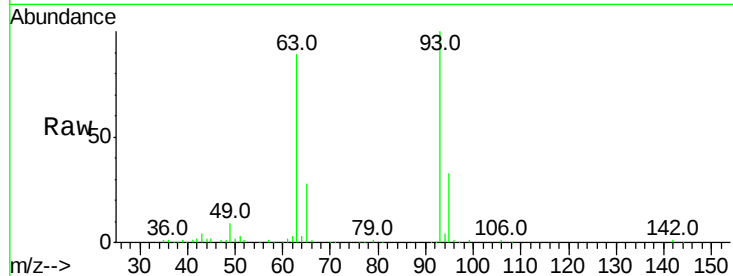
#11
bis(2-Chloroethyl)ether
Concen: 34.488 ng
RT: 6.20 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	93	Resp	253131
Ion Ratio	Lower	Upper	
93	100		
63	88.9	59.2	99.2
95	32.9	12.8	52.8

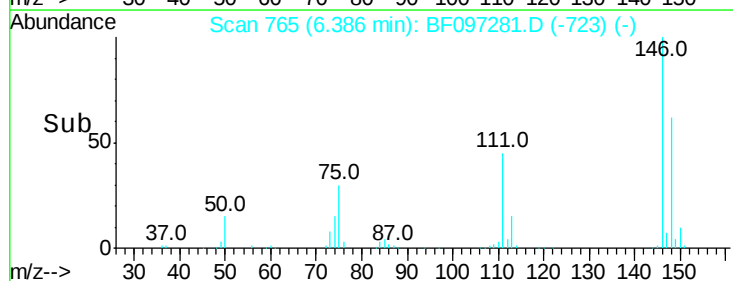
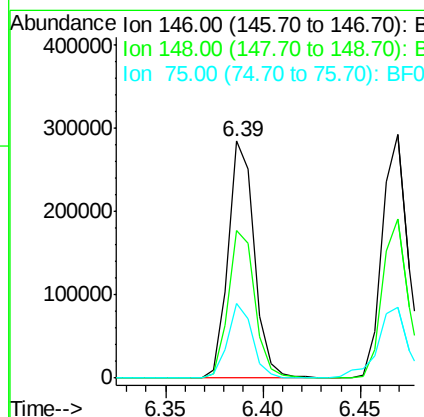
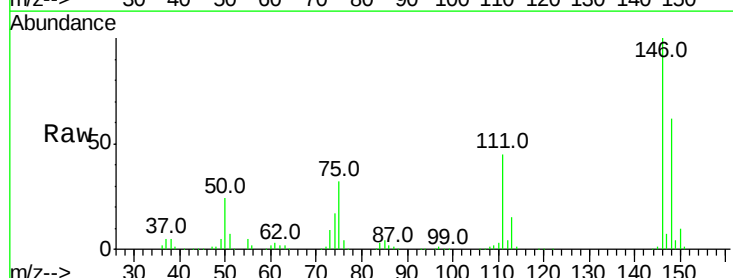
Manual Integrations
APPROVED

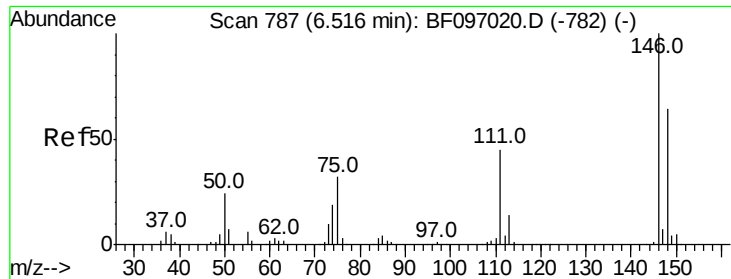
Sohil
8/3/2017 6:08:07 PM



#12
1,3-Dichlorobenzene
Concen: 33.406 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	146	Resp	263810
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.8	77.6
75	31.6	23.1	34.7





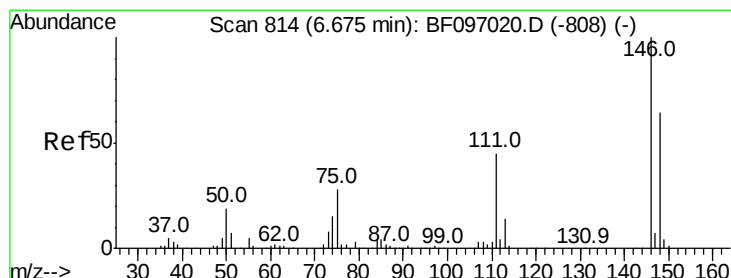
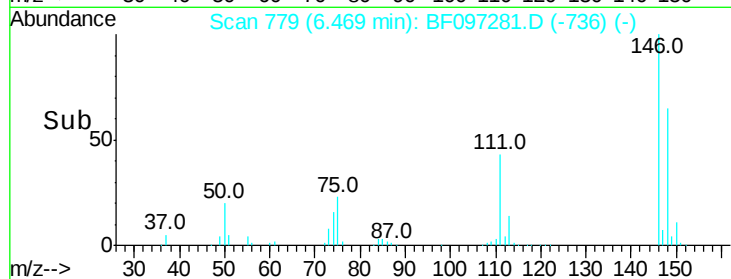
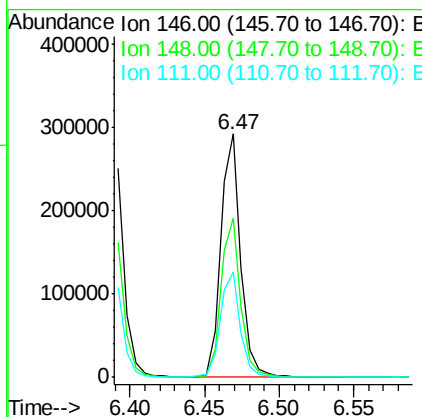
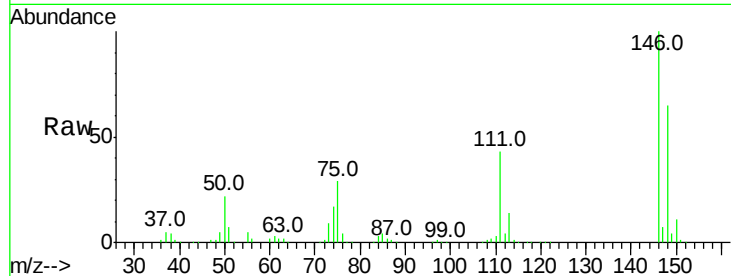
#13
 1,4-Dichlorobenzene
 Concen: 34.868 ng
 RT: 6.47 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	43.2	30.3	45.5

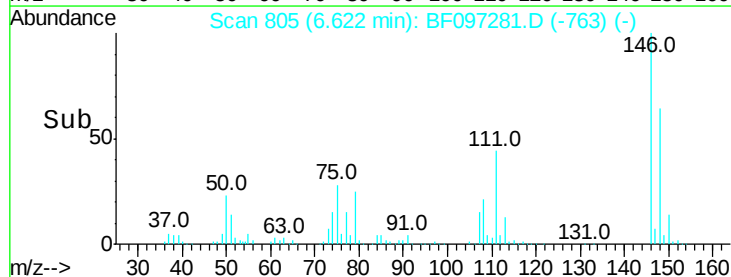
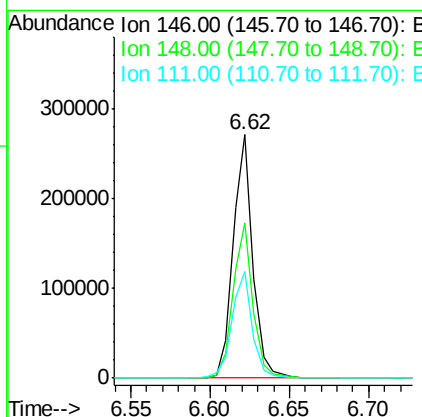
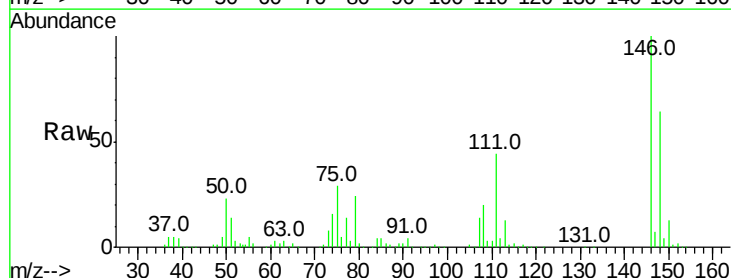
Manual Integrations
 APPROVED

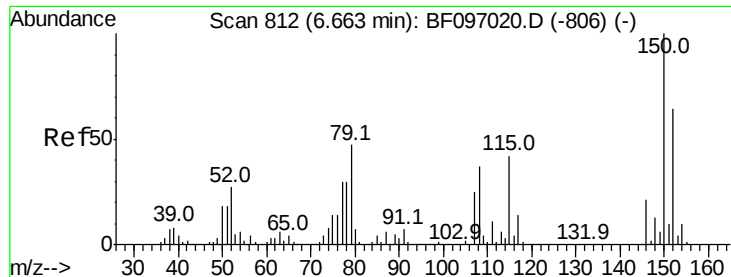
Sohil
 8/3/2017 6:08:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.941 ng
 RT: 6.62 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	44.0	38.2	57.4





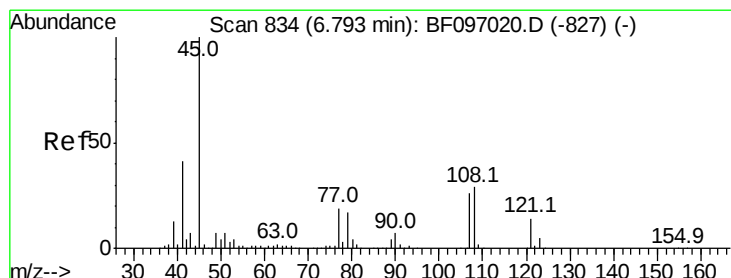
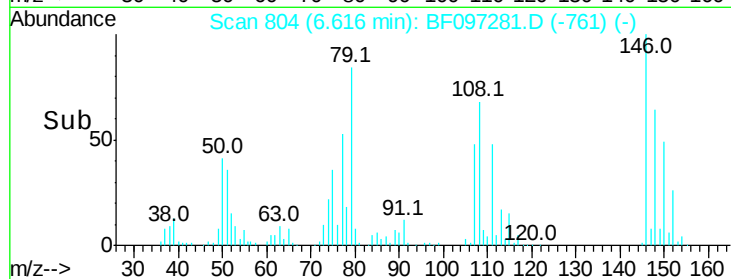
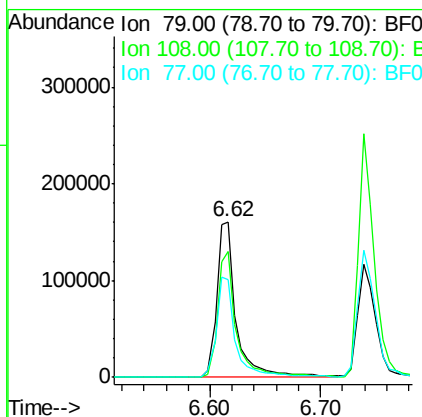
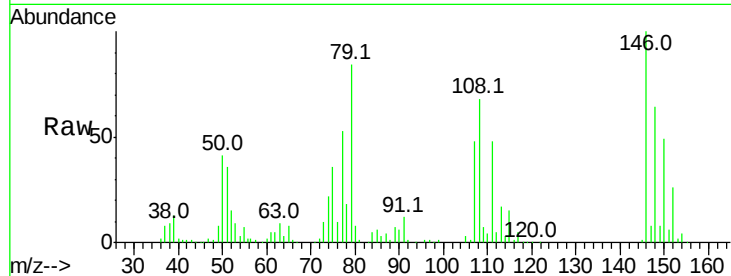
#15
Benzyl Alcohol
Concen: 39.899 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	63.4	95.0
77	62.7	49.2	73.8

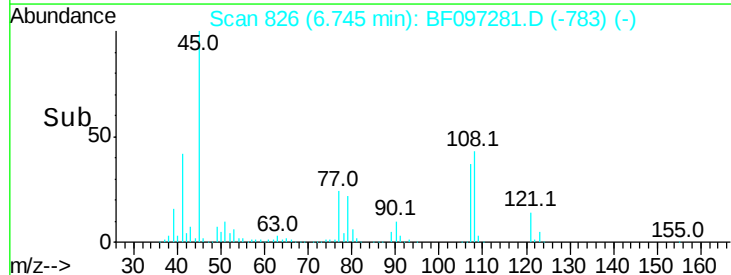
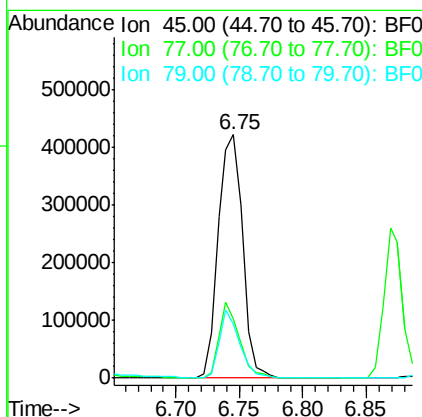
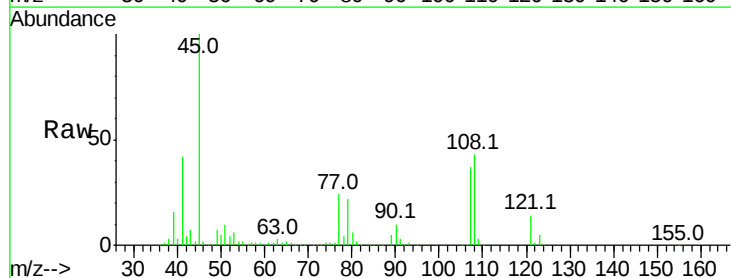
Manual Integrations
APPROVED

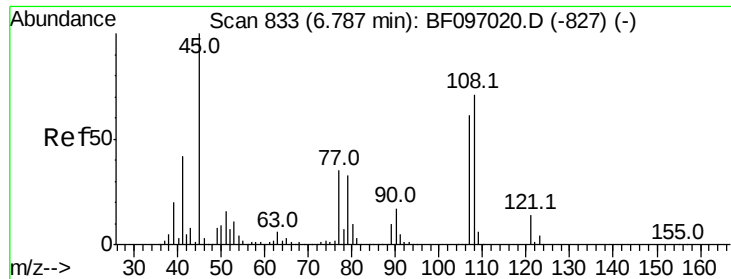
Sohil
8/3/2017 6:08:07 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.447 ng
RT: 6.75 min Scan# 826
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.2	0.0	33.2
79	22.0	0.0	30.0





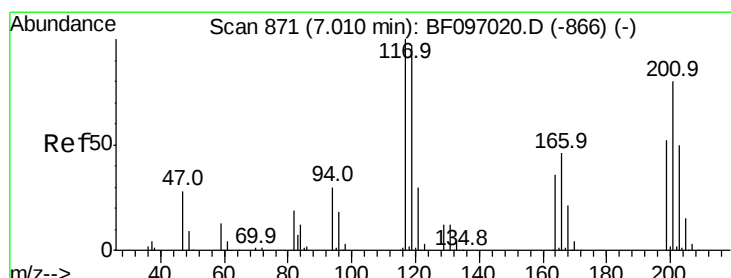
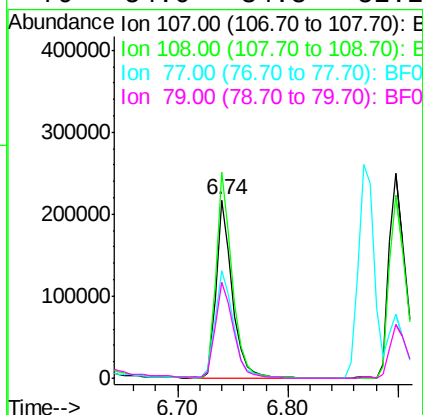
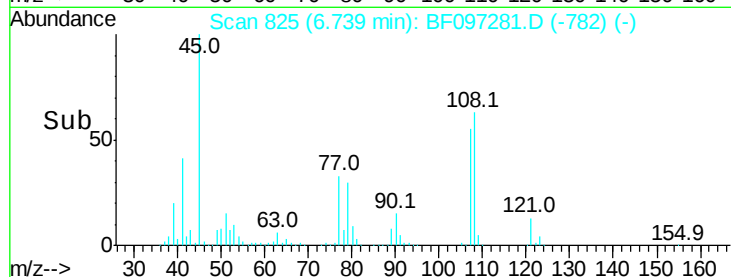
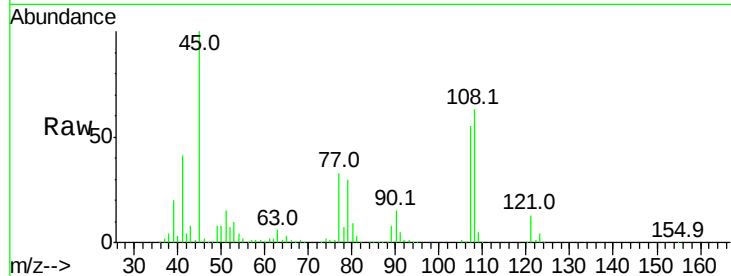
#17
2-Methylphenol
Concen: 39.171 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	93.4	140.0	
77	60.4	35.8	53.6#	
79	54.0	34.8	52.2#	

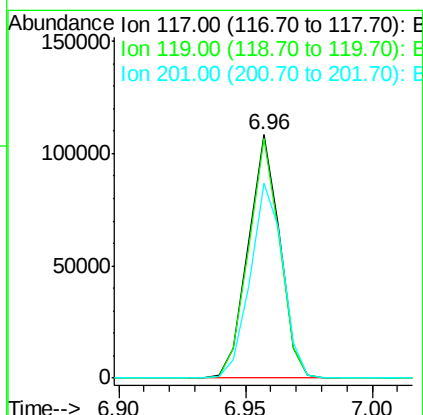
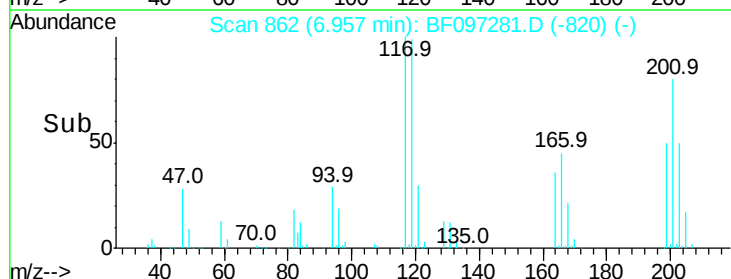
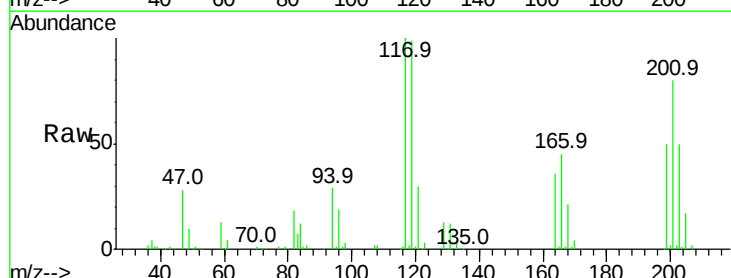
Manual Integrations
APPROVED

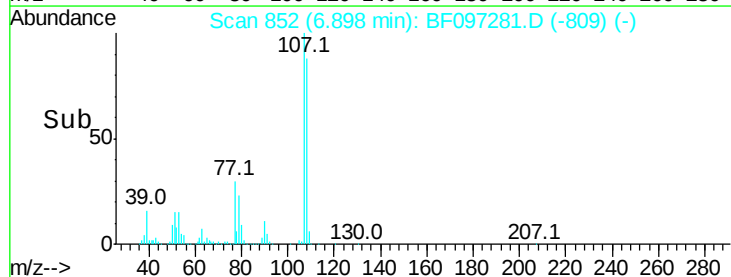
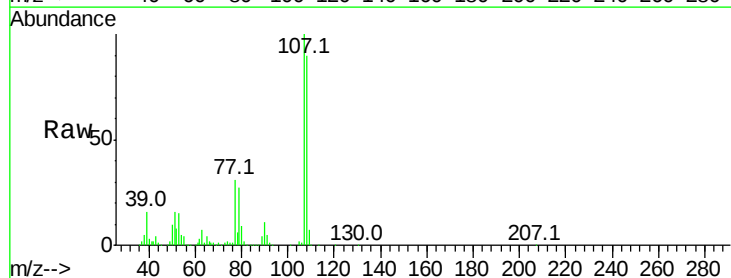
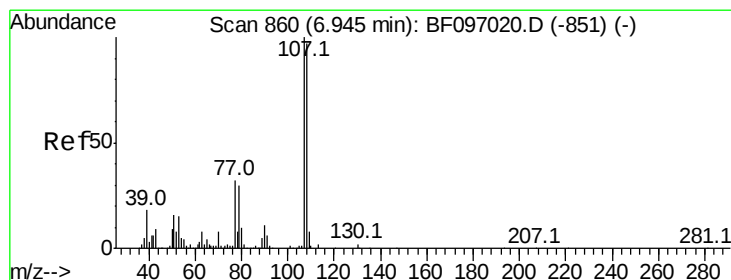
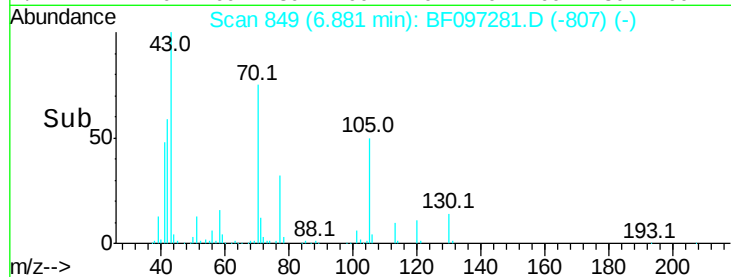
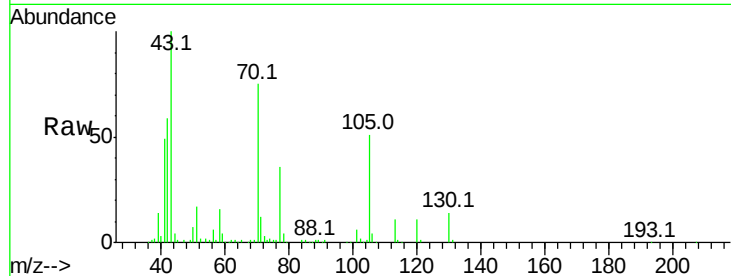
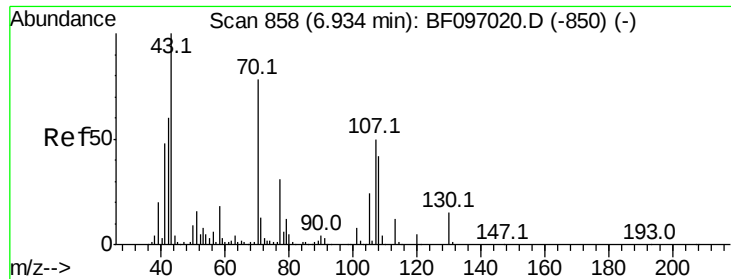
Sohil
8/3/2017 6:08:07 PM



#18
Hexachloroethane
Concen: 32.925 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	77.4	116.0	
201	80.3	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 35.428 ng

RT: 6.88 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	79.5	47.2	70.8#		
101	8.4	7.2	10.8		
130	19.2	15.9	23.9		

Instrument :

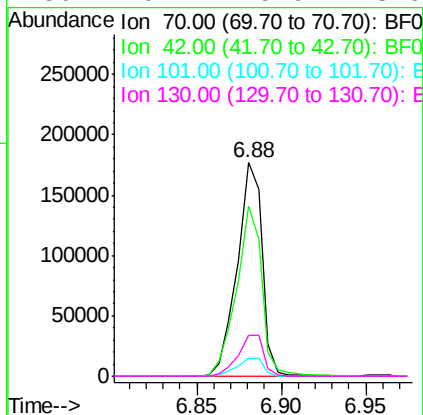
BNA_F

ClientSampleId :

72-11938MS

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#20

3+4-Methylphenols

Concen: 37.582 ng

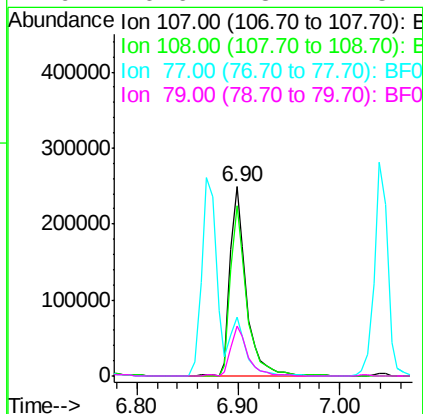
RT: 6.90 min Scan# 852

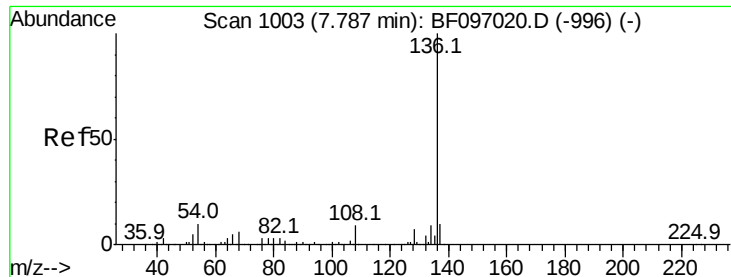
Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.7	71.0	111.0		
77	31.3	90.5	130.5#		
79	26.6	8.4	48.4		





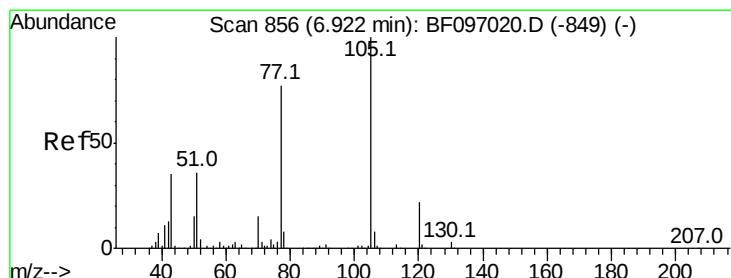
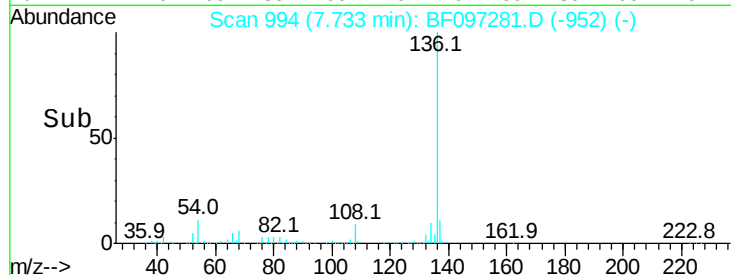
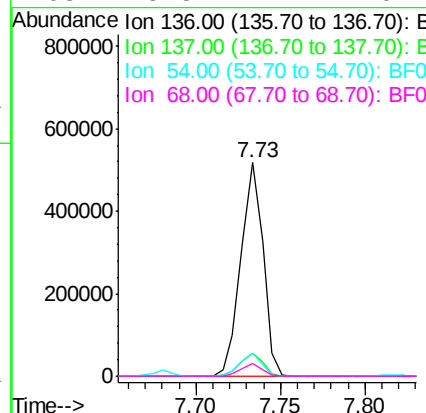
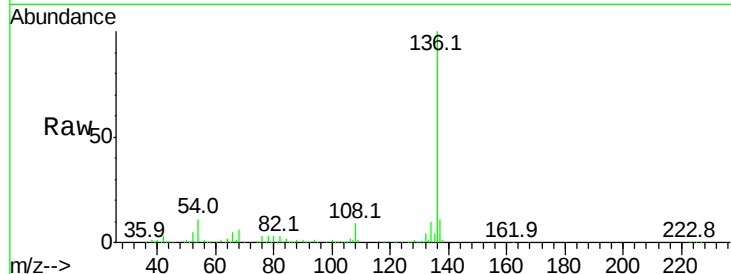
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	10.8	4.9	7.3	
68	5.8	4.1	6.1	

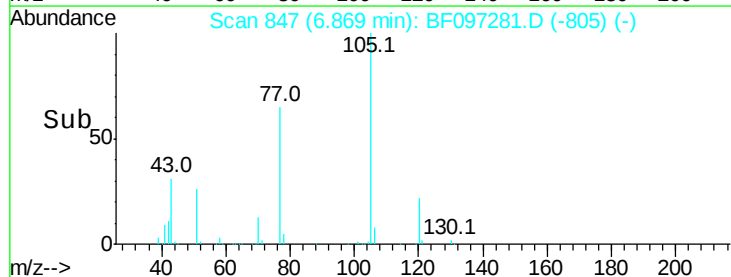
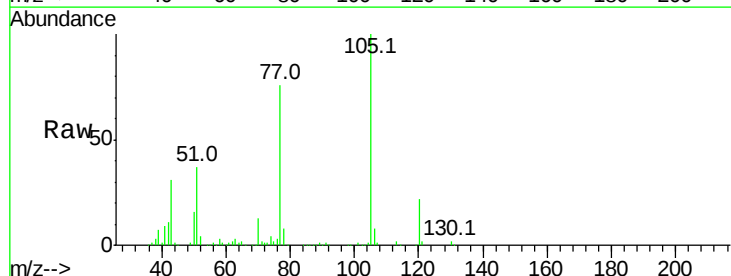
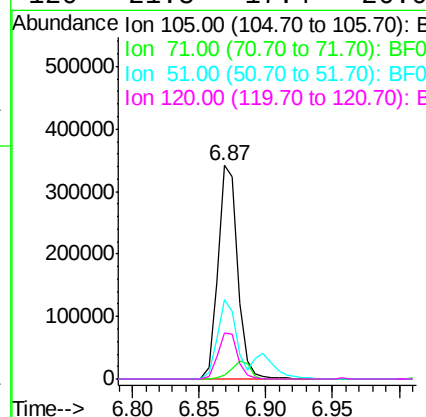
Manual Integrations
APPROVED

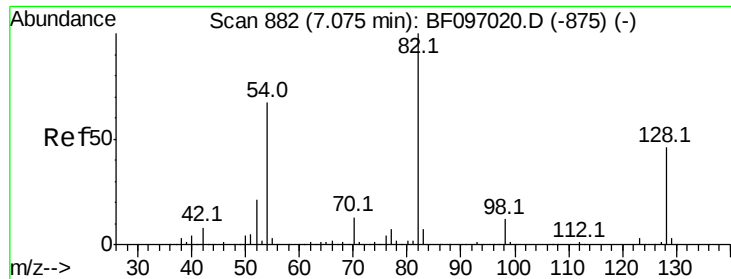
Sohil
8/3/2017 6:08:07 PM



#22
Acetophenone
Concen: 31.388 ng
RT: 6.87 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.1	2.8	4.2	
51	37.3	30.7	46.1	
120	21.8	17.4	26.0	





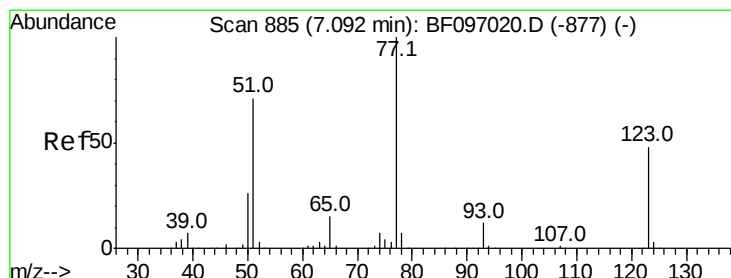
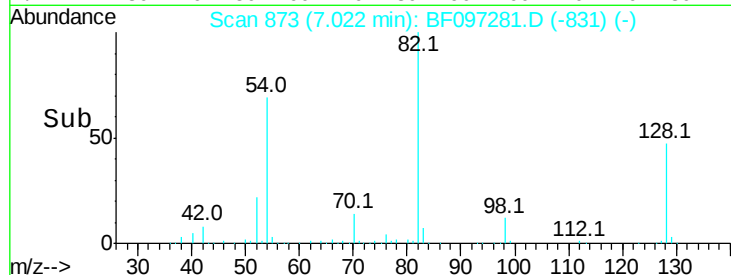
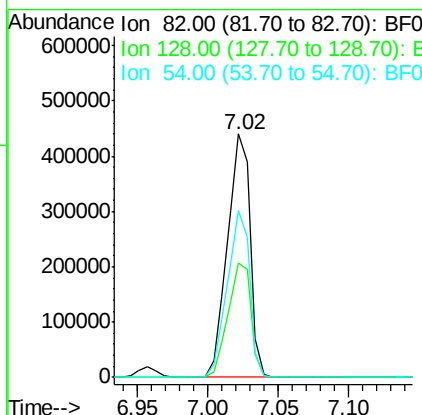
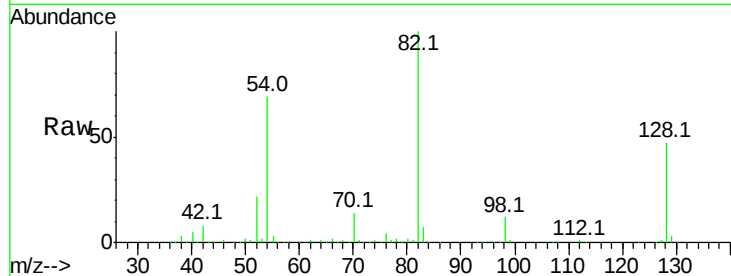
#23
 Nitrobenzene-d5
 Concen: 60.911 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.0	51.0	
54	68.6	42.2	63.2	

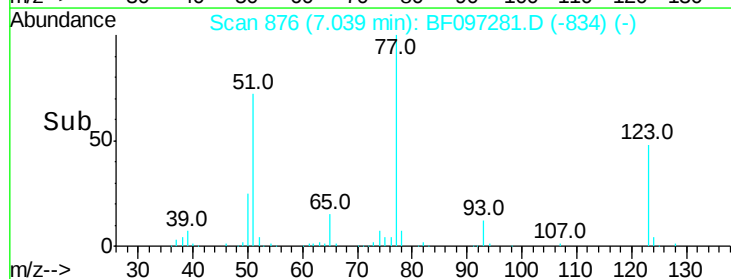
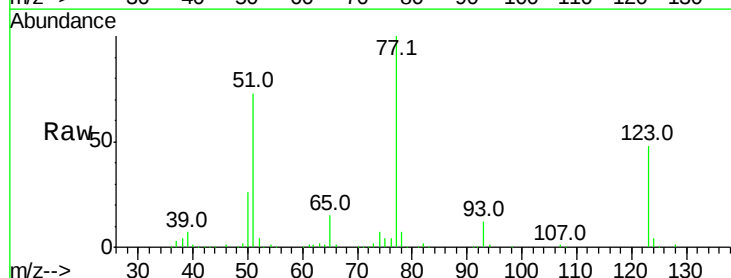
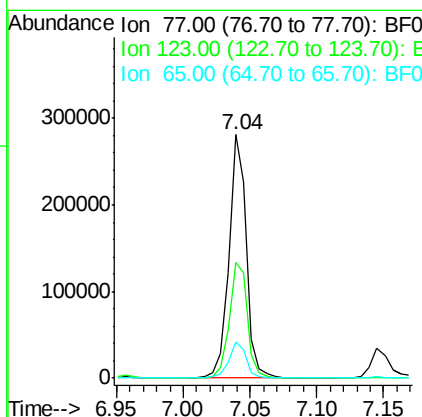
Manual Integrations
 APPROVED

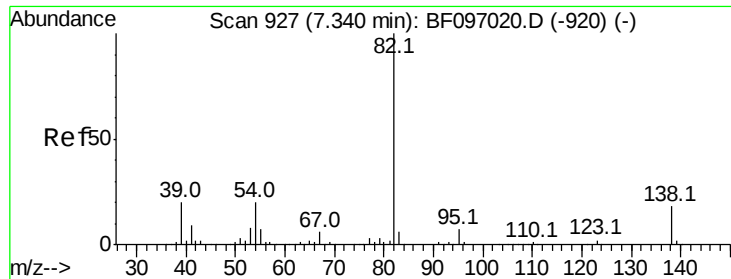
Sohil
 8/3/2017 6:08:07 PM



#24
 Nitrobenzene
 Concen: 30.721 ng
 RT: 7.04 min Scan# 876
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.5	35.8	53.8	
65	14.7	10.6	15.8	





#25

Isophorone

Concen: 31.624 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

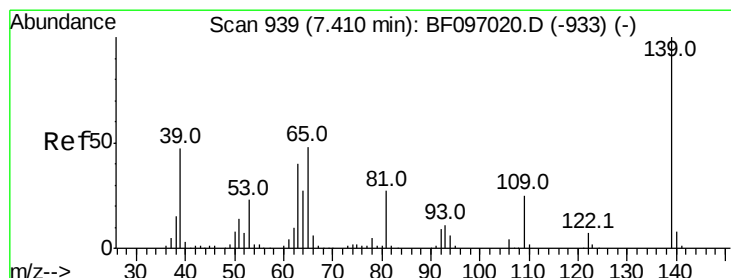
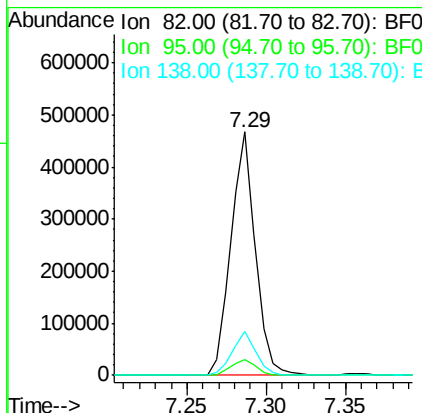
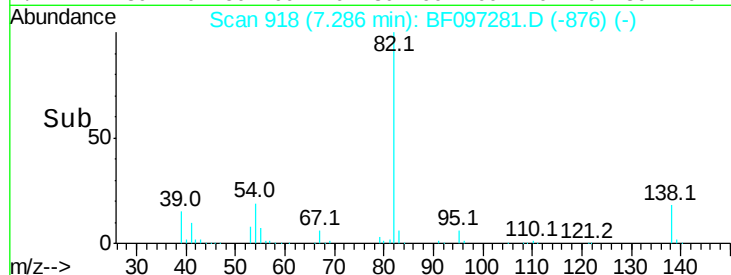
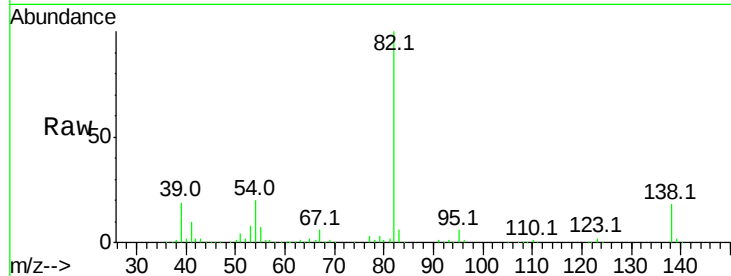
ClientSampleId :

72-11938MS

Tot Ion:	82	Resp:	499441
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	17.9	13.1	19.7

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#26

2-Nitrophenol

Concen: 32.875 ng

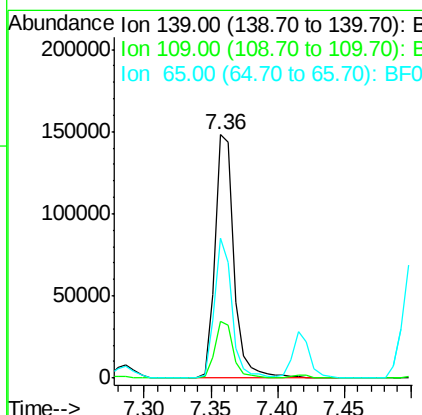
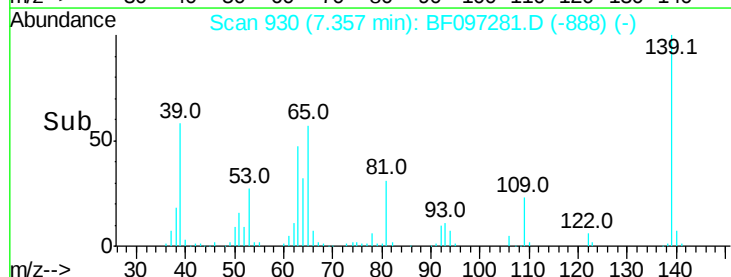
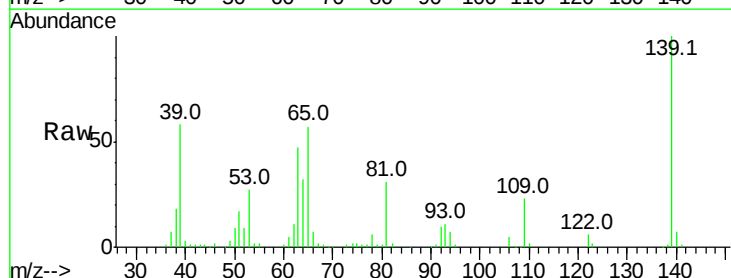
RT: 7.36 min Scan# 930

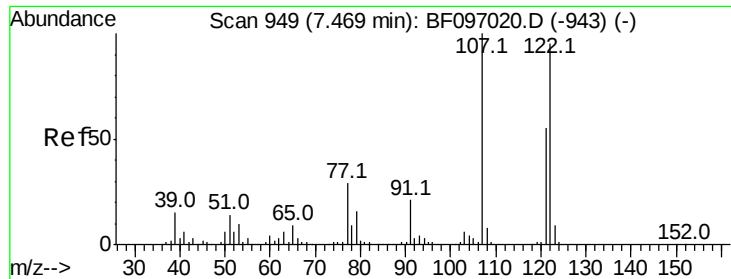
Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion:	139	Resp:	149382
Ion Ratio	Lower	Upper	
139	100		
109	23.1	21.0	31.6
65	57.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 32.491 ng

RT: 7.42 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

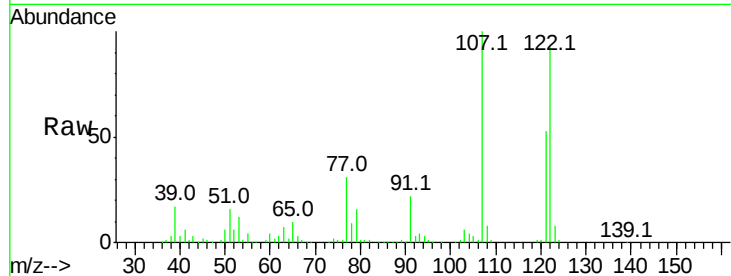
ClientSampleId :

72-11938MS

Tot Ion:	122	Resp:	243540
Ion Ratio	Lower	Upper	
122	100		
107	108.0	89.2	133.8
121	57.3	45.2	67.8

Manual Integrations
APPROVED

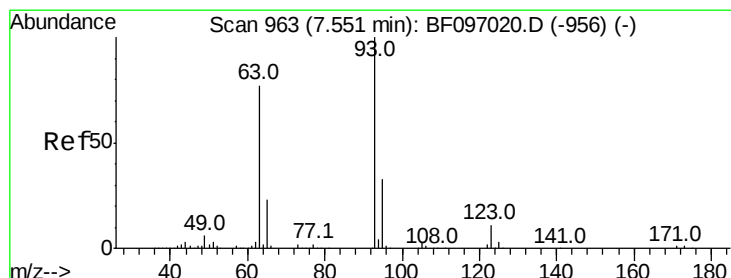
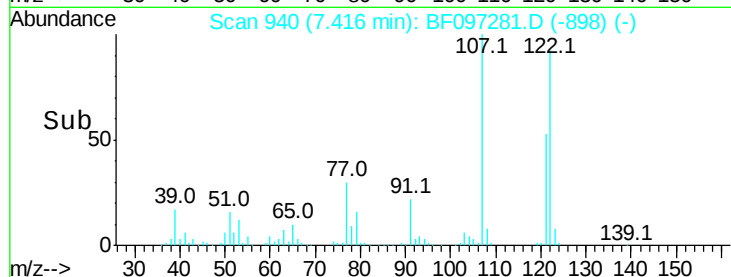
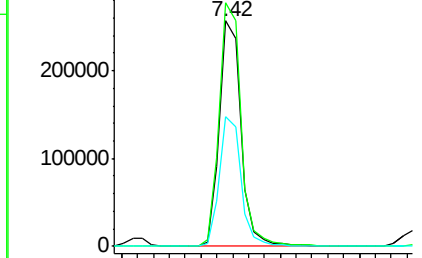
Sohil
8/3/2017 6:08:07 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.521 ng

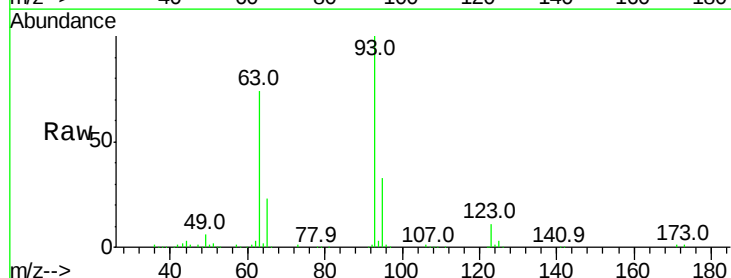
RT: 7.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

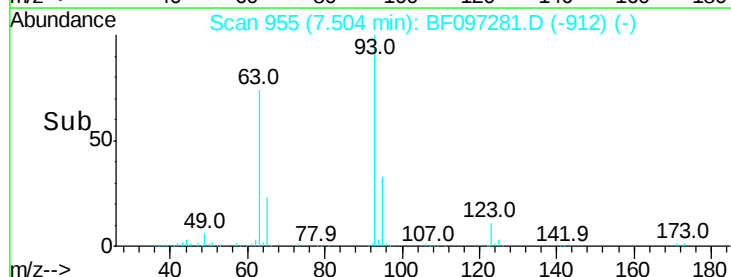
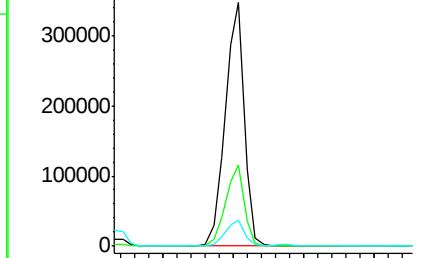
Tgt Ion:	93	Resp:	324871
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	10.6	9.0	13.4

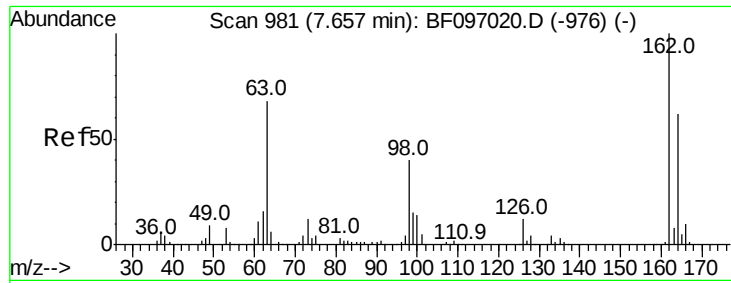


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





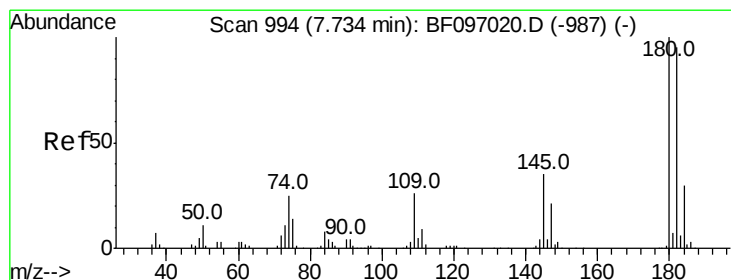
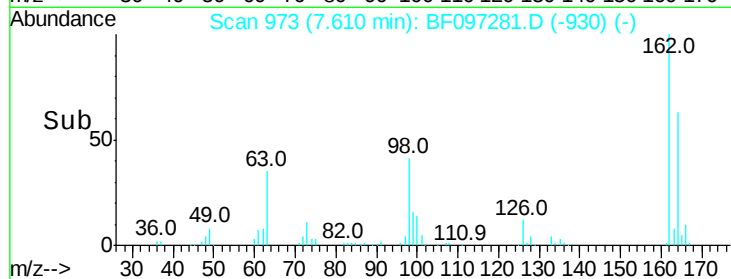
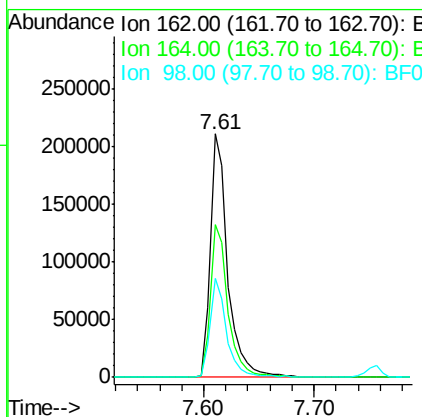
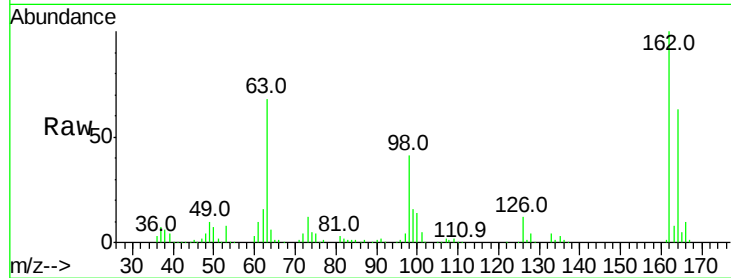
#29
 2,4-Dichlorophenol
 Concen: 34.626 ng
 RT: 7.61 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	223593		
164	62.5	44.6	84.6	
98	40.9	14.8	54.8	

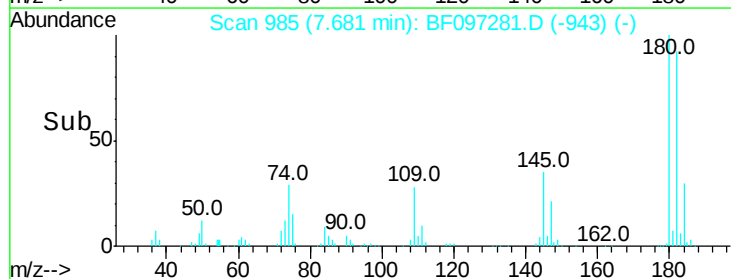
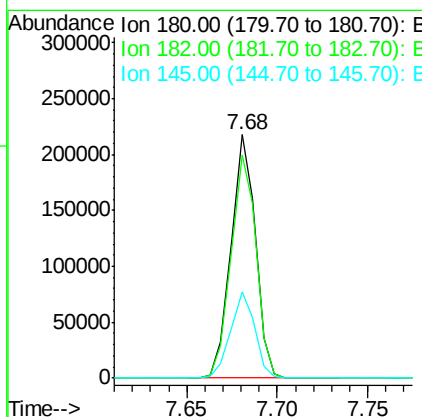
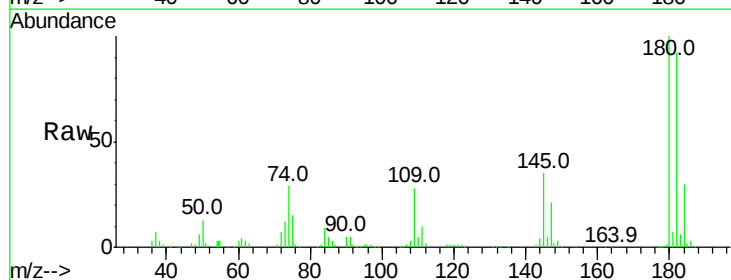
Manual Integrations
 APPROVED

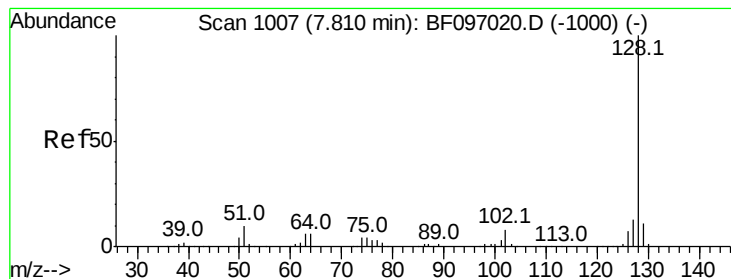
Sohil
 8/3/2017 6:08:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.255 ng
 RT: 7.68 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204684		
182	91.7	75.8	113.6	
145	35.4	25.3	37.9	





#31

Naphthalene

Concen: 33.583 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

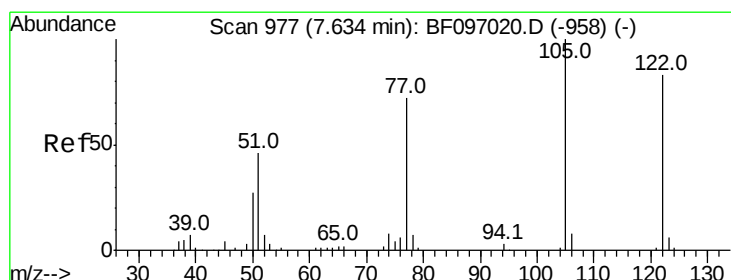
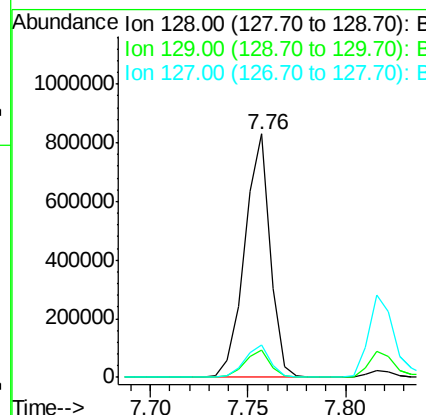
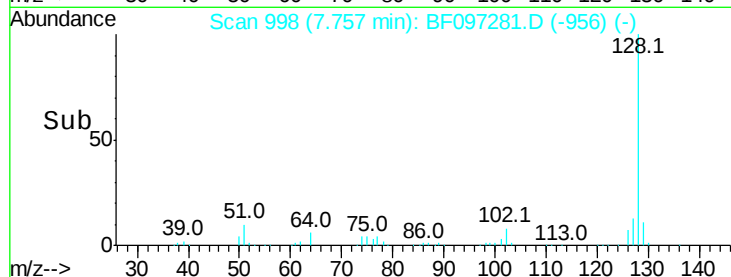
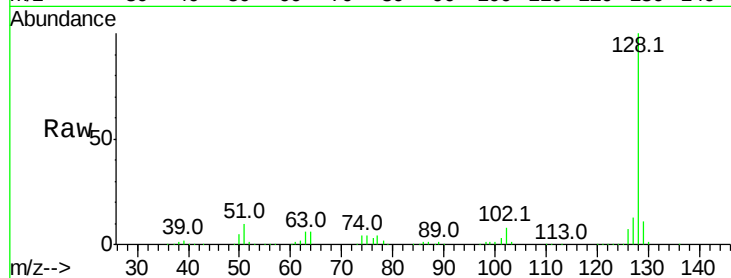
ClientSampled :

72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	13.1	10.8	16.2	

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#32

Benzoic acid

Concen: 5.262 ng

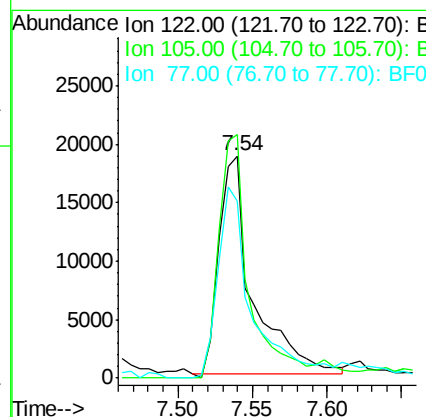
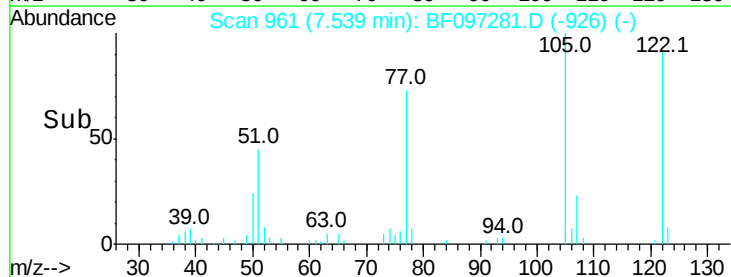
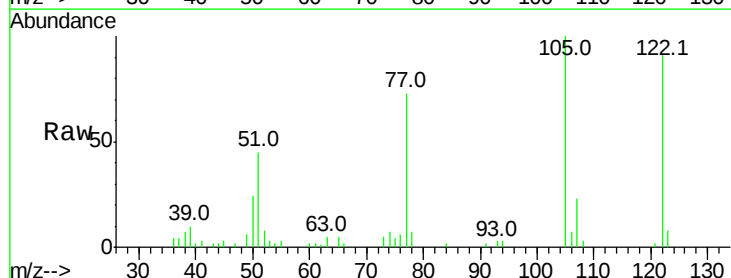
RT: 7.54 min Scan# 961

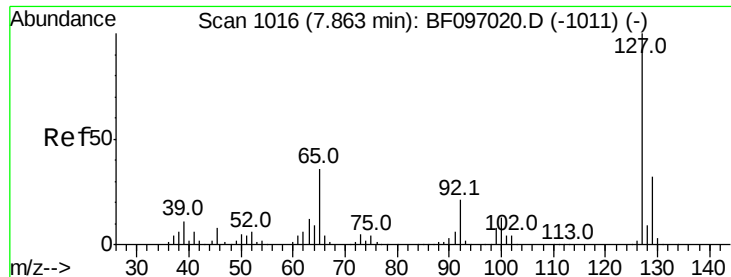
Delta R.T. -0.09 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	109.5	103.3	143.3	
77	79.9	73.7	113.7	





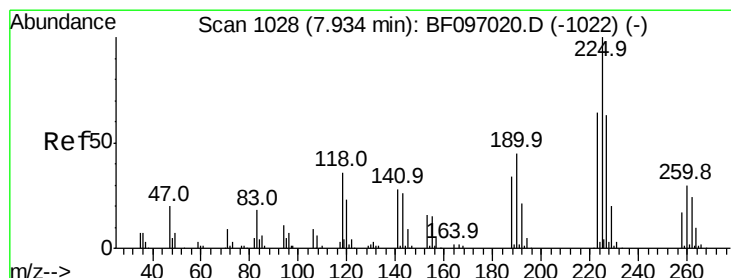
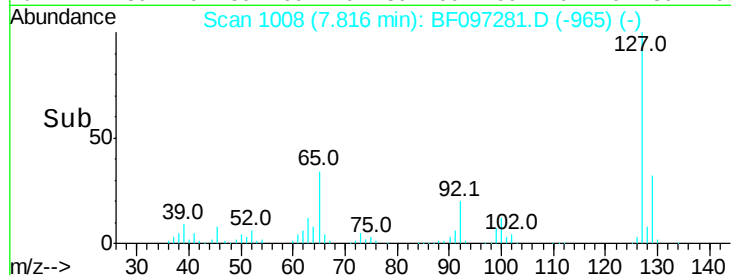
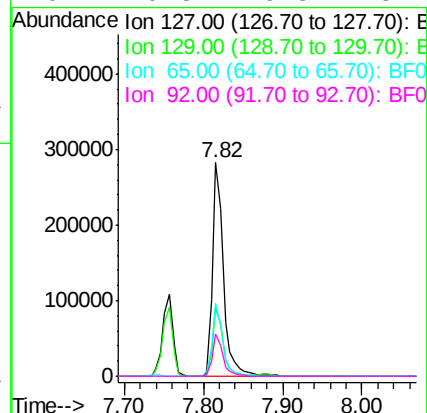
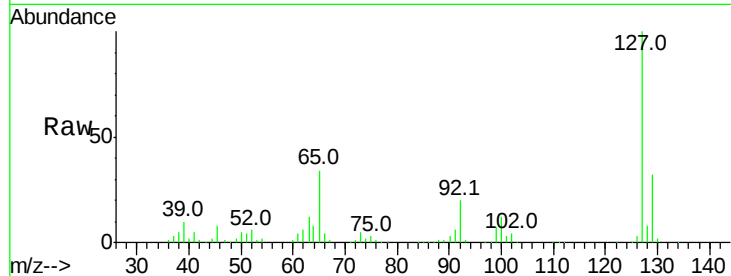
#33
4-Chloroaniline
Concen: 30.058 ng
RT: 7.82 min Scan# 1008
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		272750		
129	31.8	26.2	39.2		
65	34.5	27.8	41.8		
92	19.8	16.8	25.2		

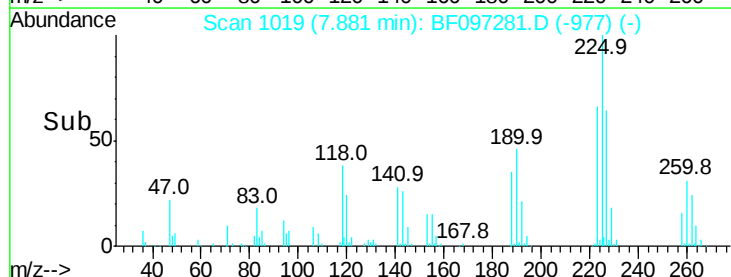
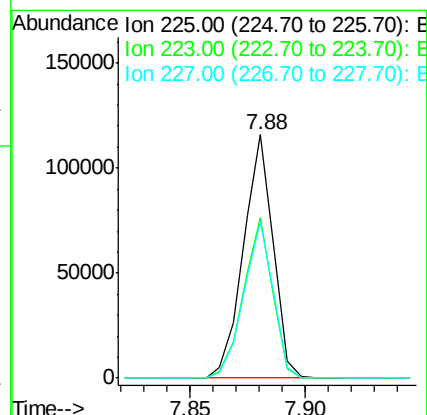
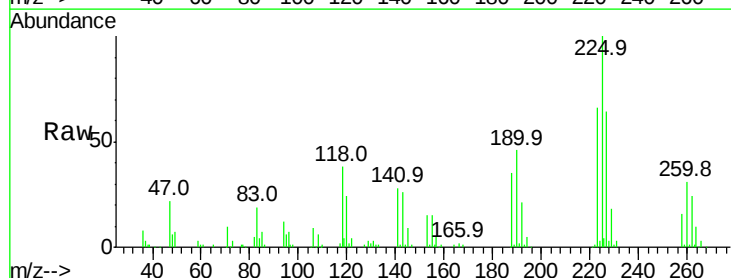
Manual Integrations
APPROVED

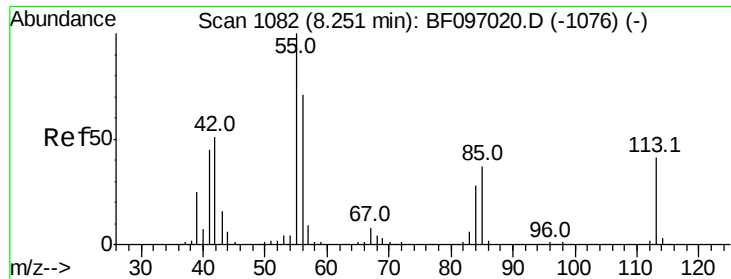
Sohil
8/3/2017 6:08:07 PM



#34
Hexachlorobutadiene
Concen: 31.702 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		103444		
223	65.7	48.8	73.2		
227	64.4	51.1	76.7		





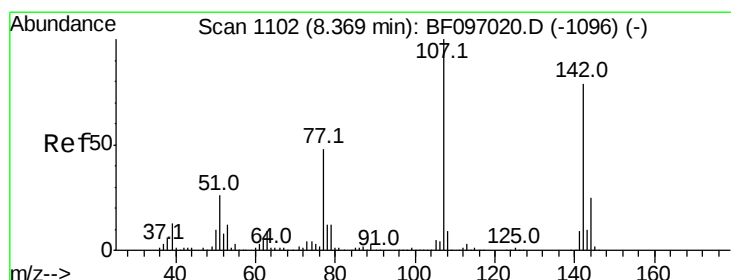
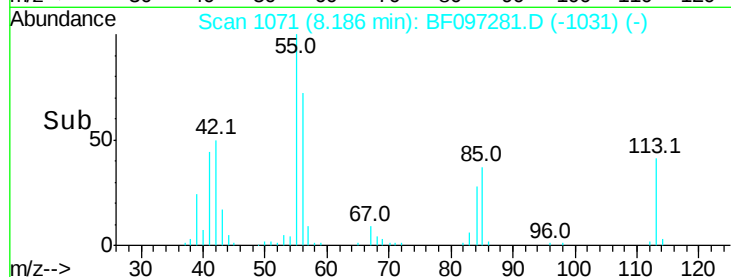
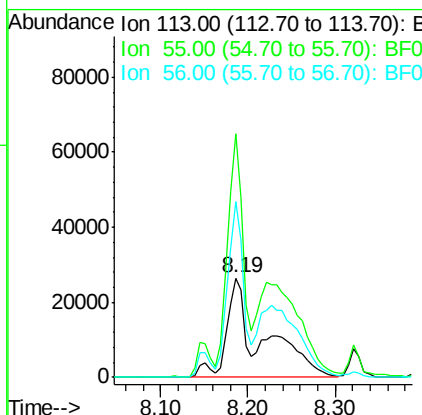
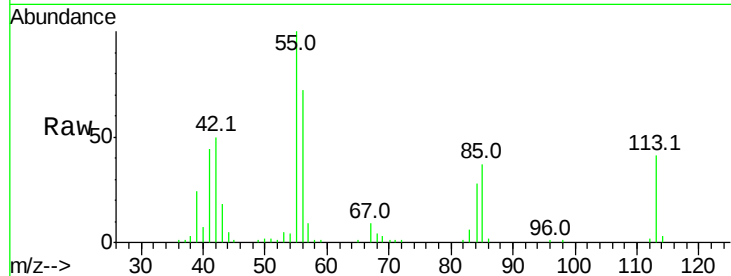
#35
 Caprolactam
 Concen: 36.076 ng/ml
 RT: 8.19 min Scan# 1071
 Delta R.T. -0.06 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleID :
 72-11938MS

Tot Ion:113 Resp: 74699
 Ion Ratio Lower Upper
 113 100
 55 244.4 150.2 190.2#
 56 176.3 107.8 147.8#

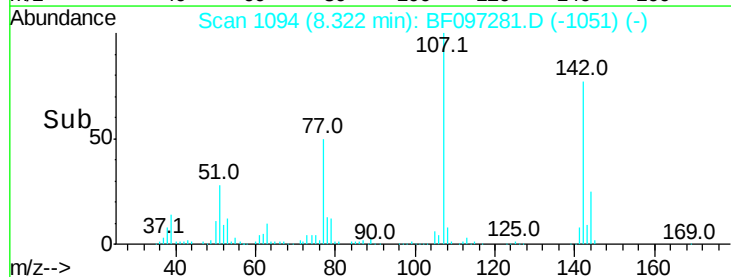
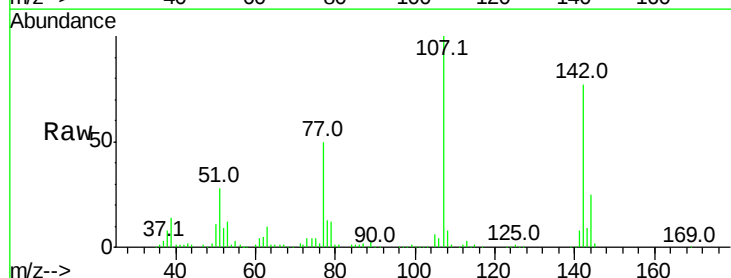
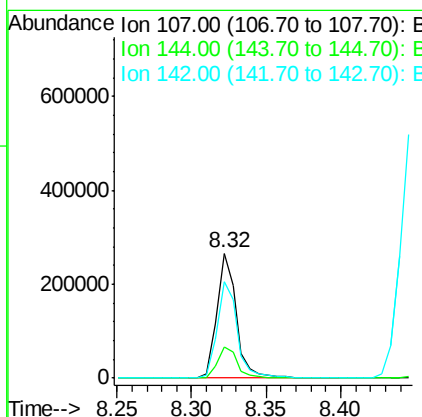
Manual Integrations
 APPROVED

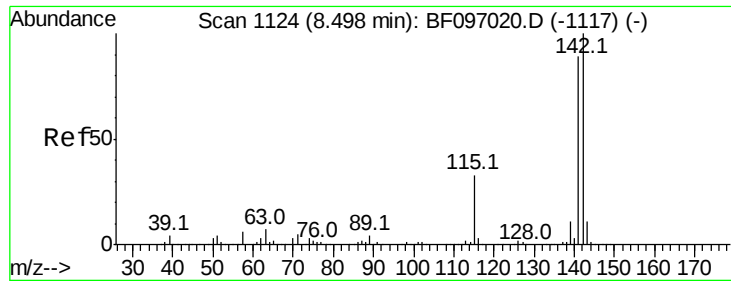
Sohil
 8/3/2017 6:08:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.534 ng/ml
 RT: 8.32 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion:107 Resp: 243289
 Ion Ratio Lower Upper
 107 100
 144 25.3 24.2 36.4
 142 77.4 73.4 110.0





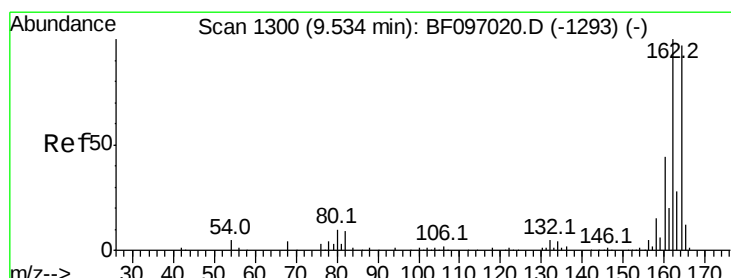
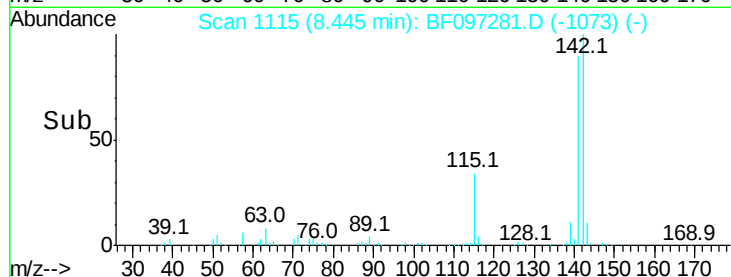
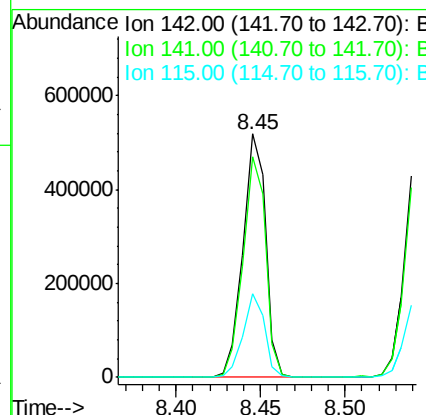
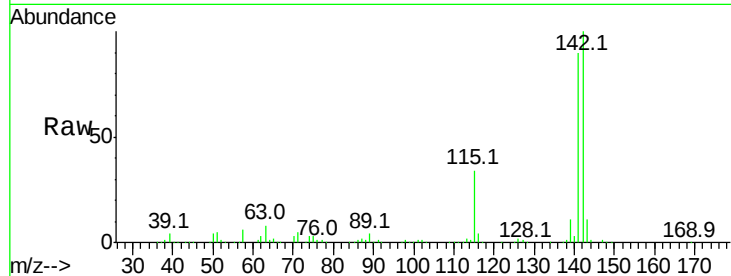
#37
2-Methylnaphthalene
Concen: 34.637 ng
RT: 8.45 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	489066		
141	90.4	71.3	106.9	
115	34.1	27.1	40.7	

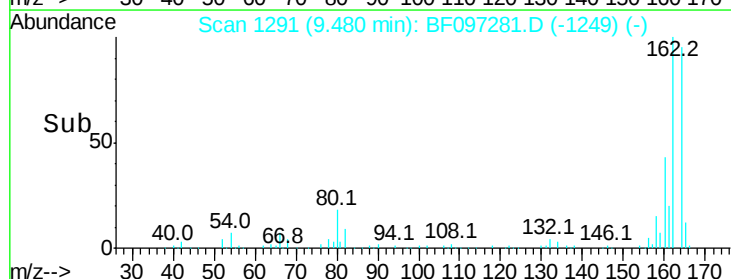
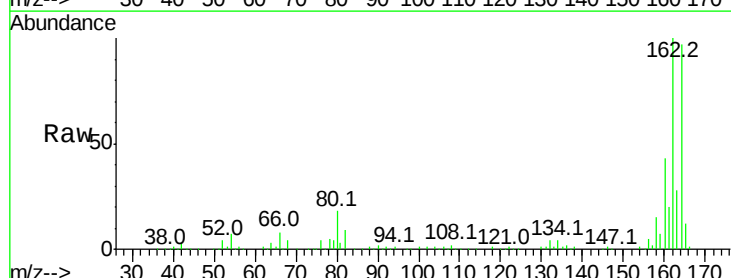
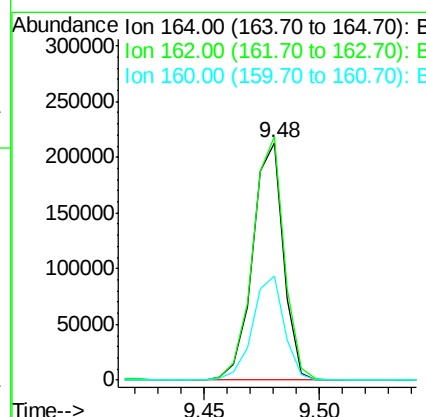
Manual Integrations
APPROVED

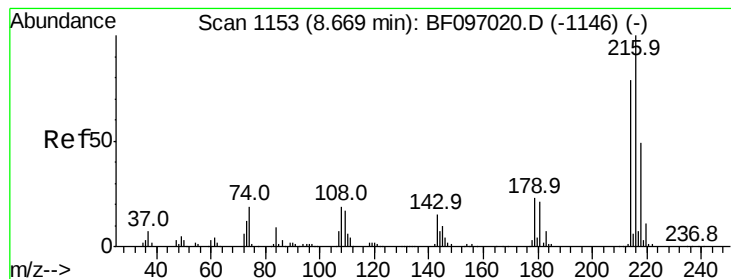
Sohil
8/3/2017 6:08:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198567		
162	102.6	82.6	123.8	
160	44.1	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.102 ng

RT: 8.62 min Scan# 1144

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

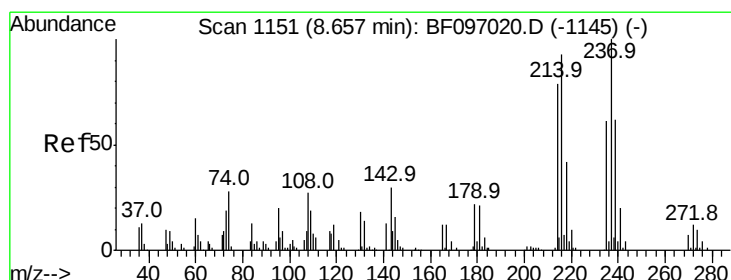
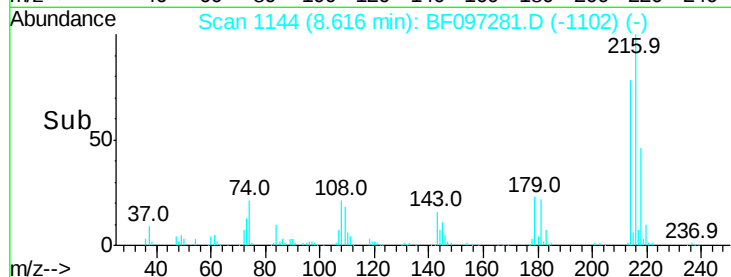
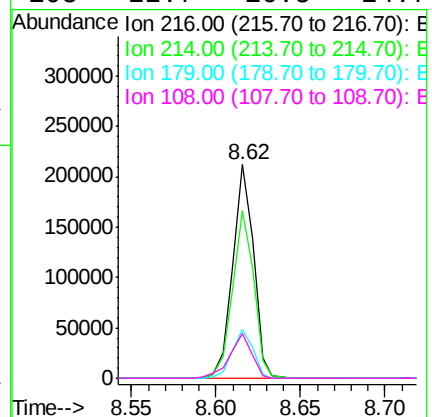
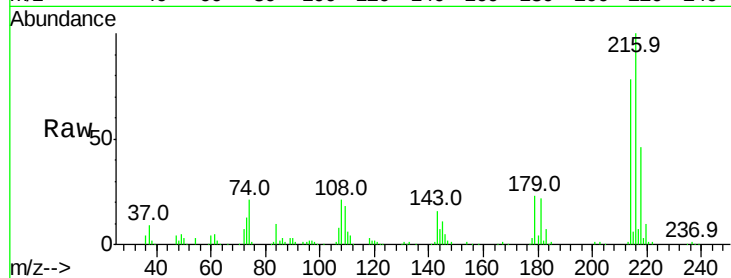
ClientSampleId :

72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	180684		
214	79.7	63.4	95.2	
179	22.9	17.9	26.9	
108	22.7	16.5	24.7	

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#40

Hexachlorocyclopentadiene

Concen: 51.566 ng

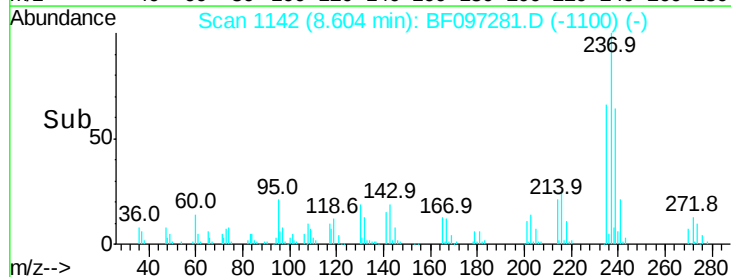
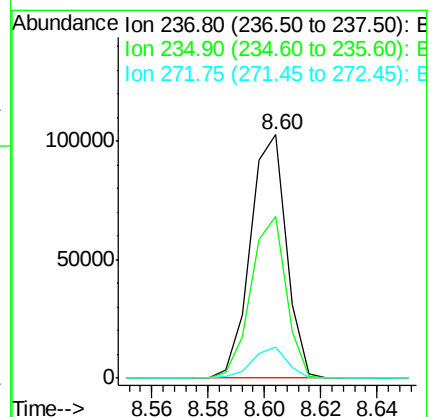
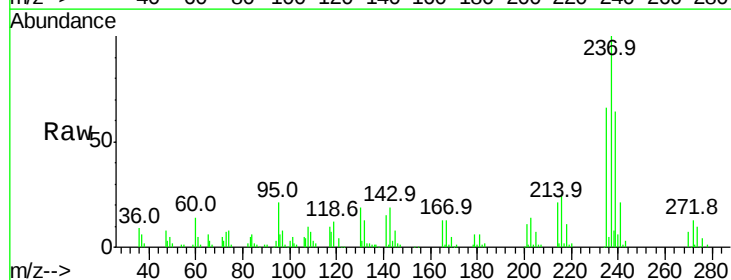
RT: 8.60 min Scan# 1142

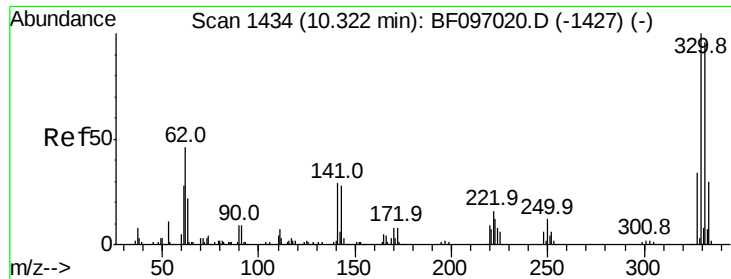
Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	90809		
235	66.2	42.6	82.6	
272	13.0	0.0	31.9	





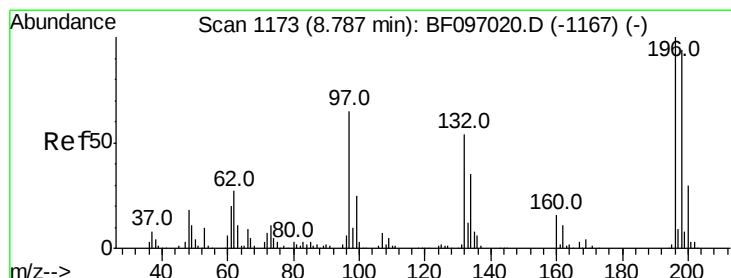
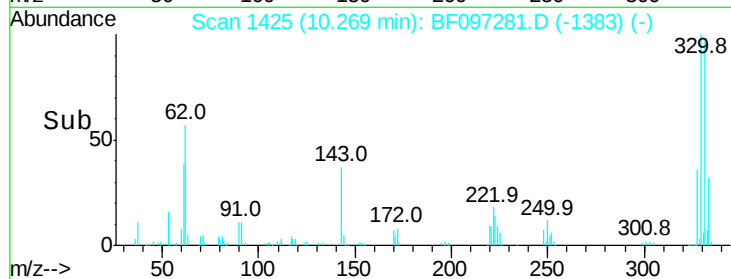
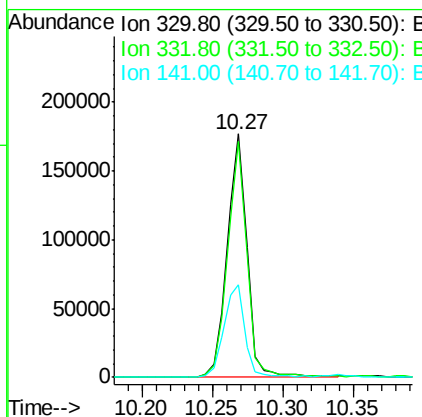
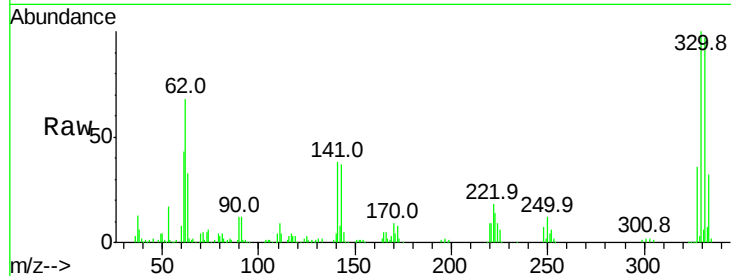
#41
 2,4,6-Tribromophenol
 Concen: 110.599 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	173516		
332	95.0	76.6	115.0	
141	40.7	31.4	47.2	

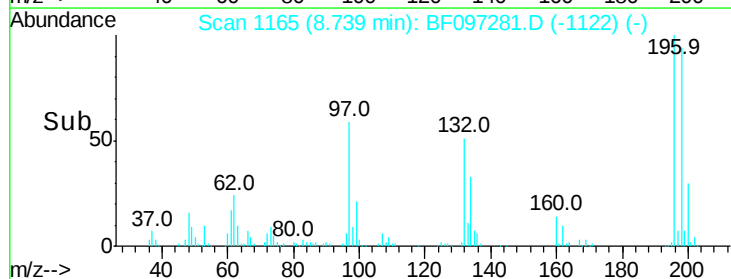
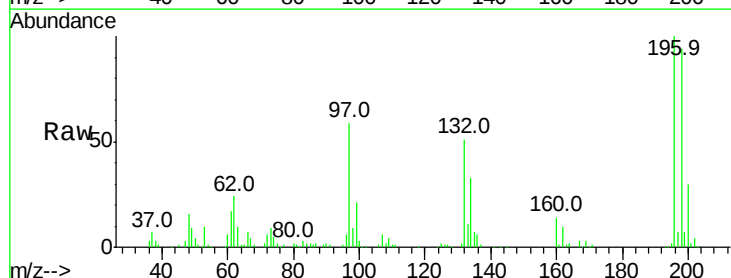
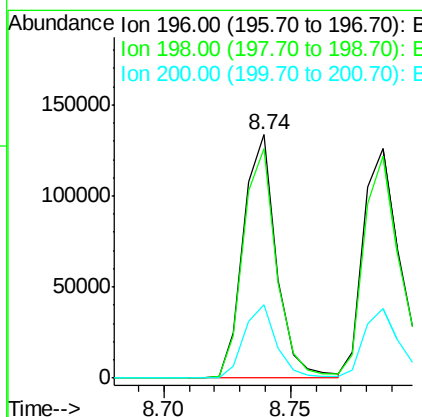
Manual Integrations
 APPROVED

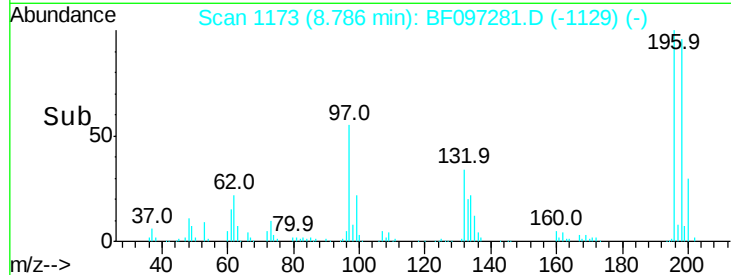
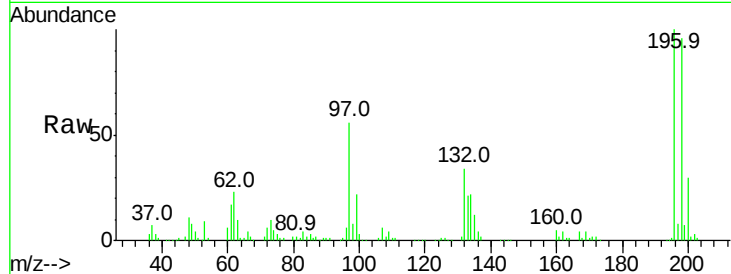
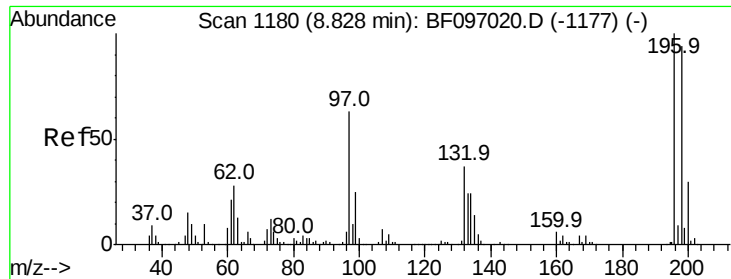
Sohil
 8/3/2017 6:08:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 31.542 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121106		
198	94.1	74.2	111.4	
200	30.0	24.0	36.0	





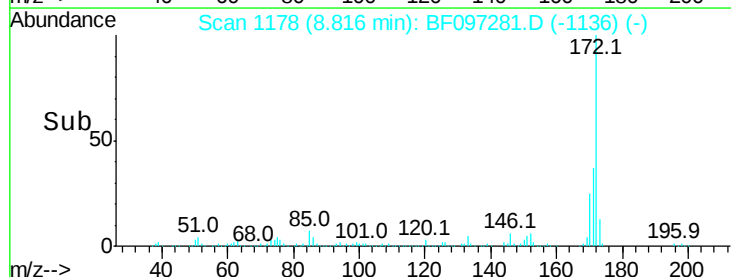
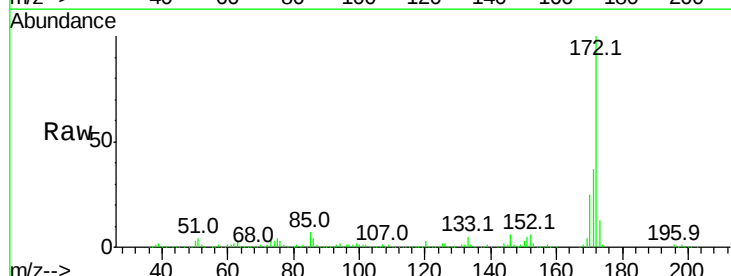
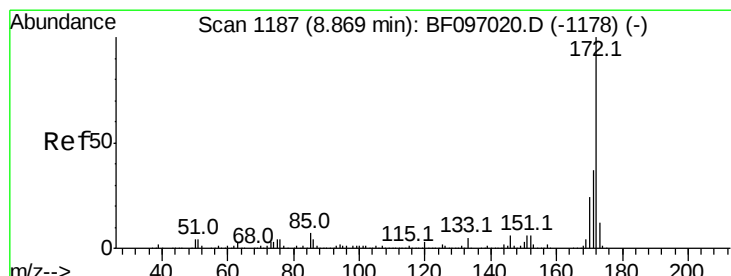
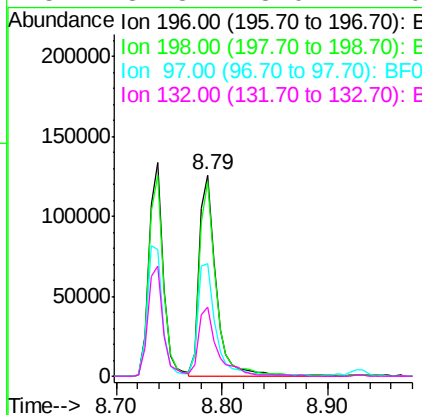
#43
2,4,5-Trichlorophenol
Concen: 35.612 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tot Ion	196	Resp	136858
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.7	113.5
97	55.7	47.7	71.5
132	34.3	28.0	42.0

Instrument :
BNA_F
ClientSampleId :
72-11938MS

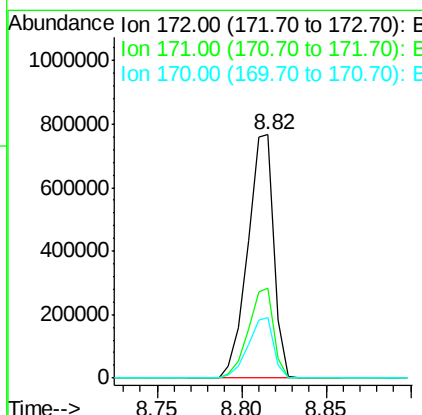
Manual Integrations
APPROVED

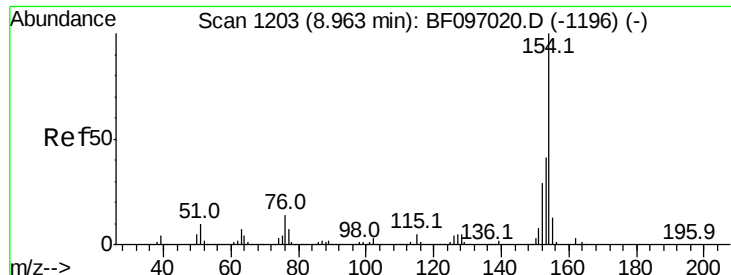
Sohil
8/3/2017 6:08:07 PM



#44
2-Fluorobiphenyl
Concen: 70.814 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	172	Resp	828553
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.6	44.4
170	24.7	19.8	29.8





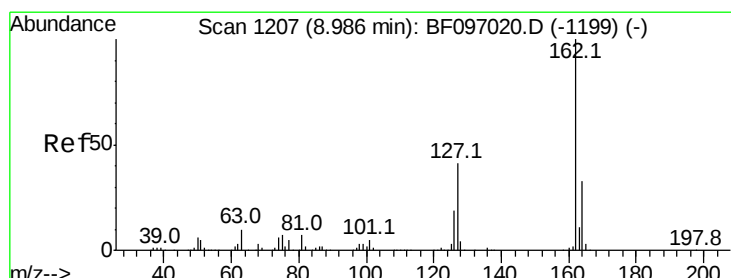
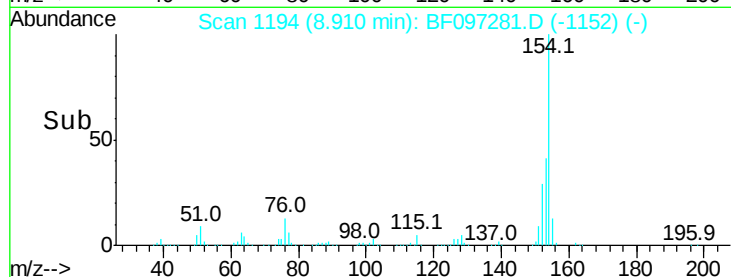
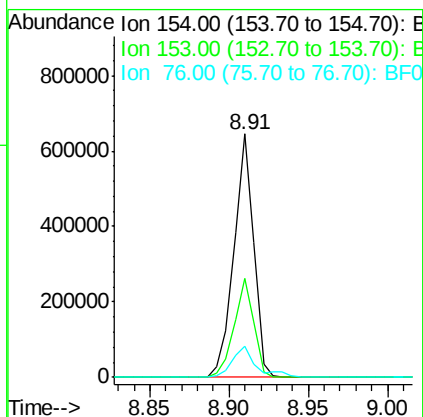
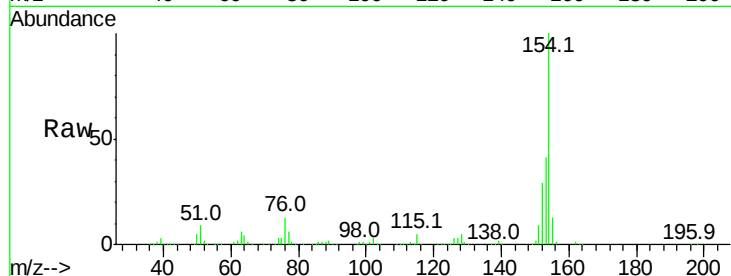
#45
 1,1'-Biphenyl
 Concen: 33.060 ng
 RT: 8.91 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion:	154	Resp:	560706
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	12.8	0.0	29.9

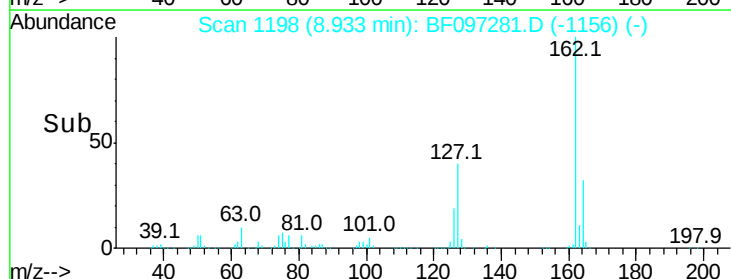
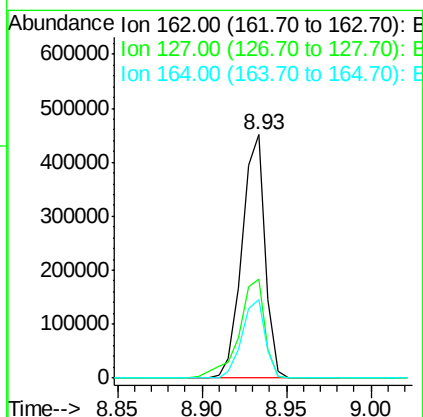
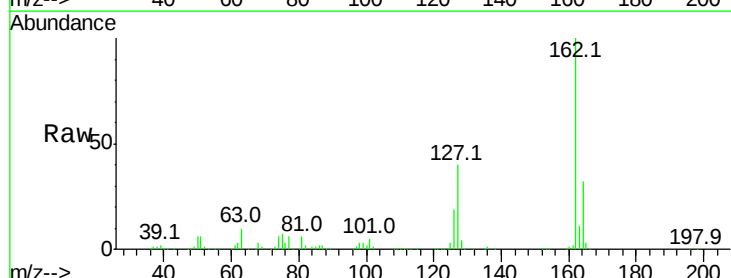
Manual Integrations
 APPROVED

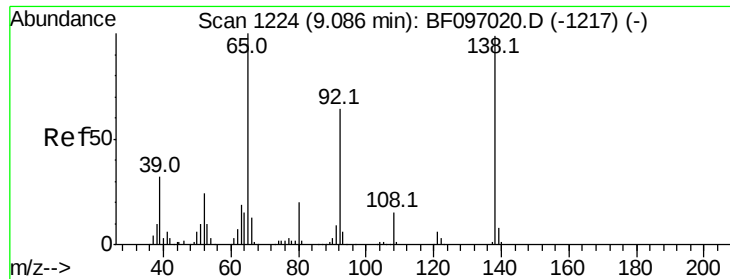
Sohil
 8/3/2017 6:08:07 PM



#46
 2-Chloronaphthalene
 Concen: 34.328 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion:	162	Resp:	428443
Ion Ratio	Lower	Upper	
162	100		
127	40.4	28.3	42.5
164	32.0	27.0	40.4





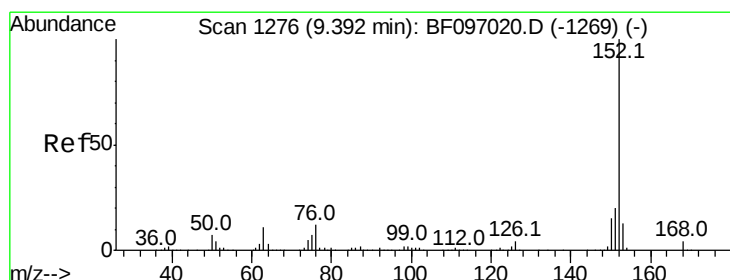
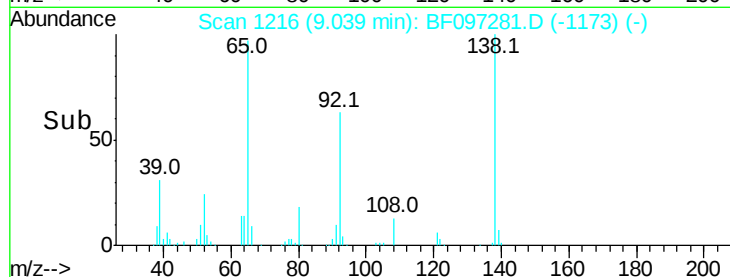
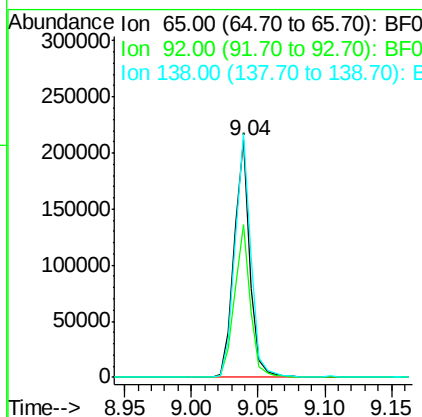
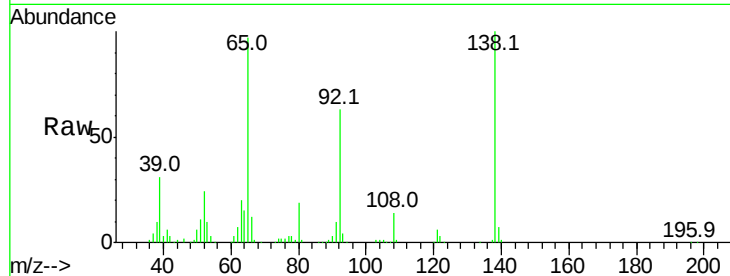
#47
2-Nitroaniline
Concen: 38.881 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.9	80.9
138	102.9	78.8	118.2

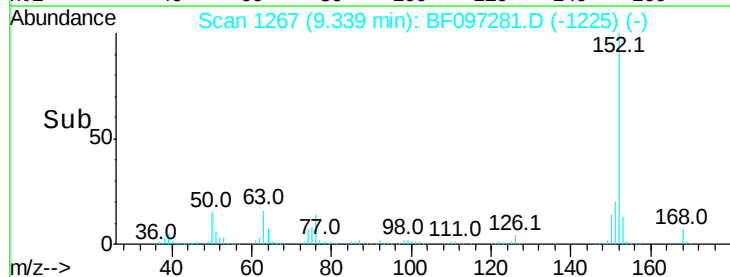
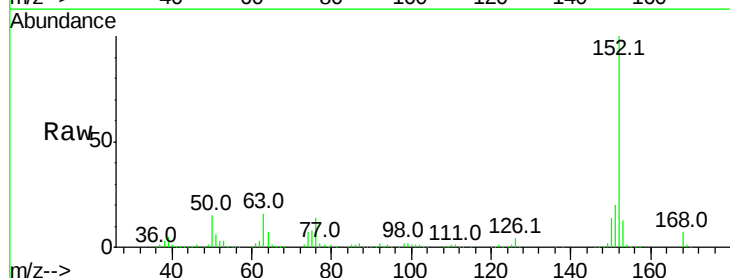
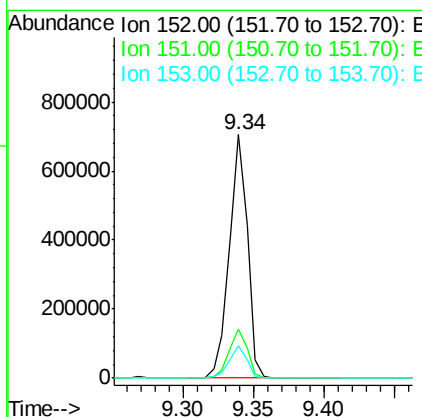
Manual Integrations
APPROVED

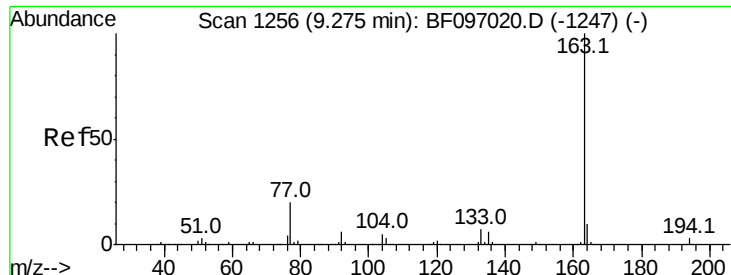
Sohil
8/3/2017 6:08:07 PM



#48
Acenaphthylene
Concen: 32.824 ng
RT: 9.34 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.1	10.8	16.2





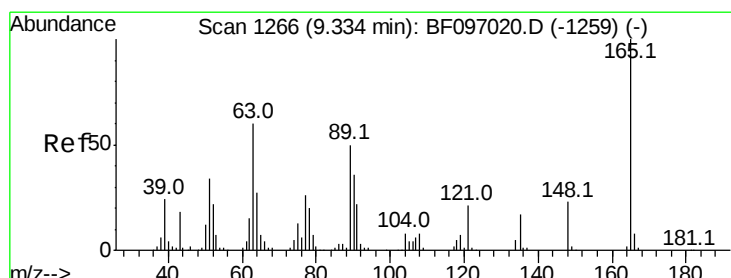
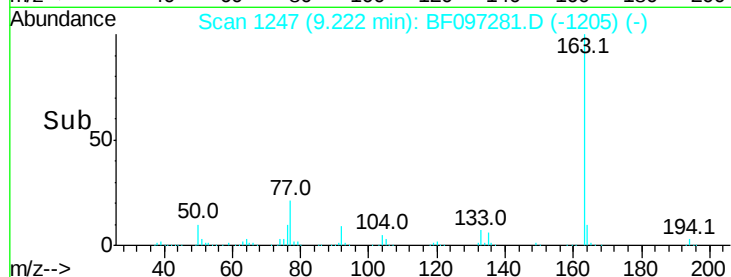
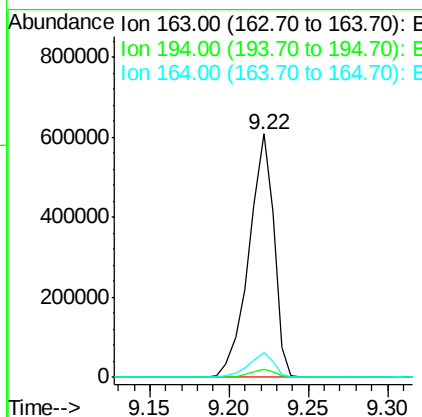
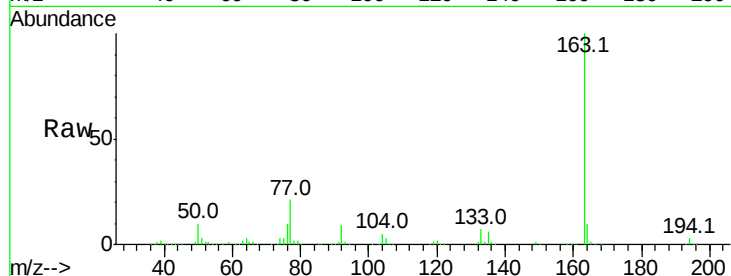
#49
Dimethylphthalate
Concen: 44.184 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	666250		
194	3.2		2.6	4.0
164	10.1		8.4	12.6

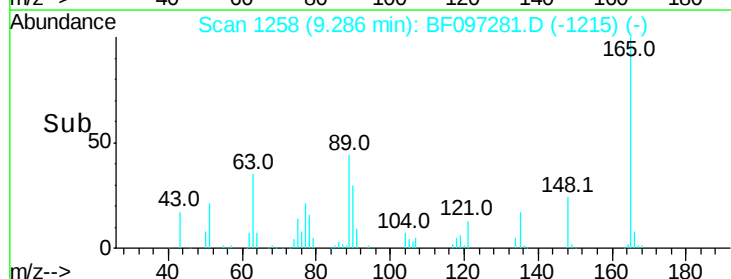
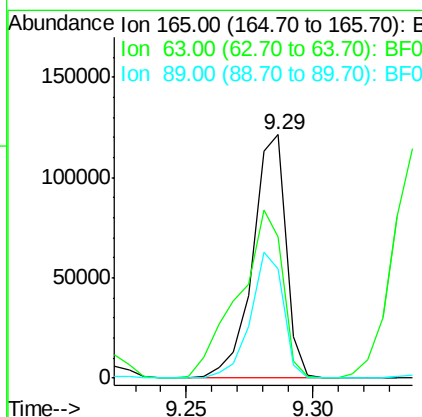
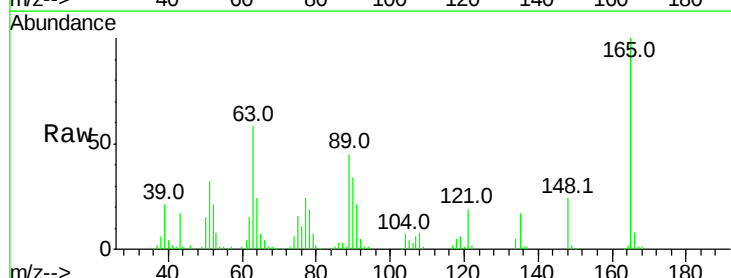
Manual Integrations
APPROVED

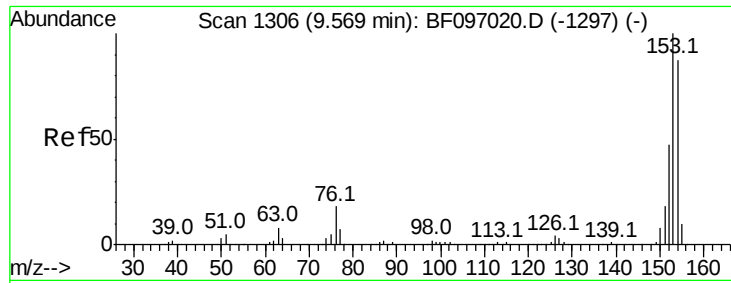
Sohil
8/3/2017 6:08:07 PM



#50
2,6-Dinitrotoluene
Concen: 34.892 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	111590		
63	58.0		34.3	51.5#
89	45.1		37.1	55.7





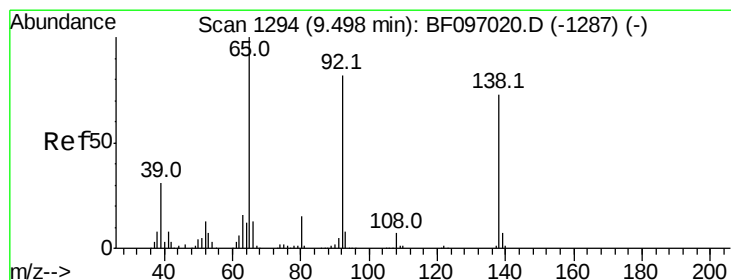
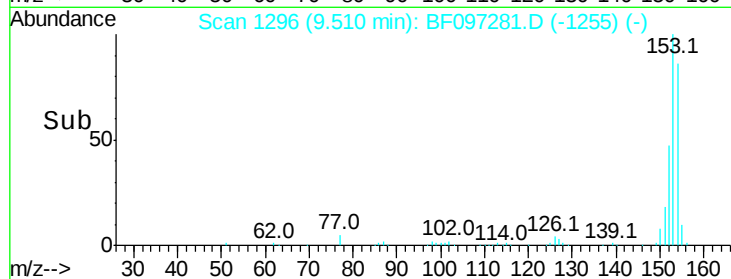
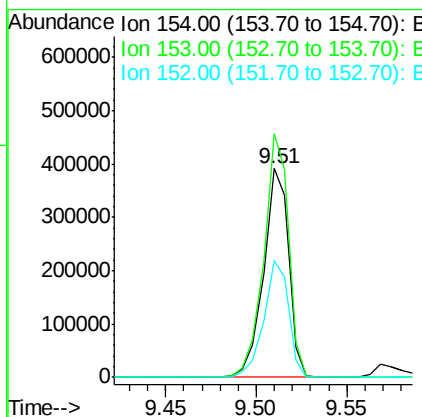
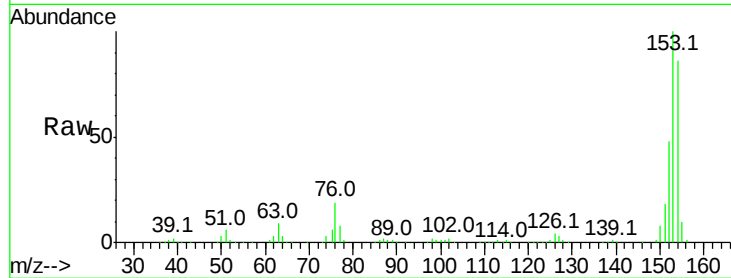
#51
Acenaphthene
Concen: 33.416 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.06 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.5	90.5	135.7
152	55.6	43.6	65.4

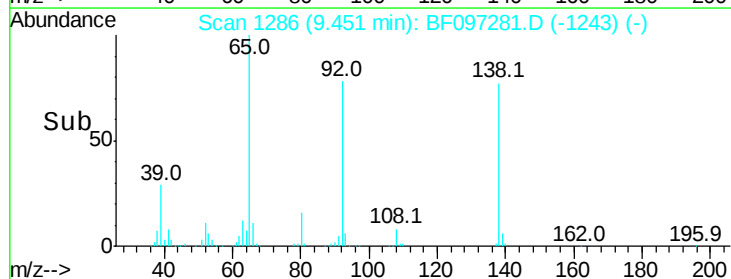
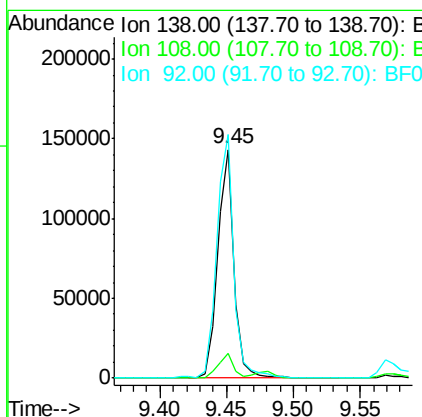
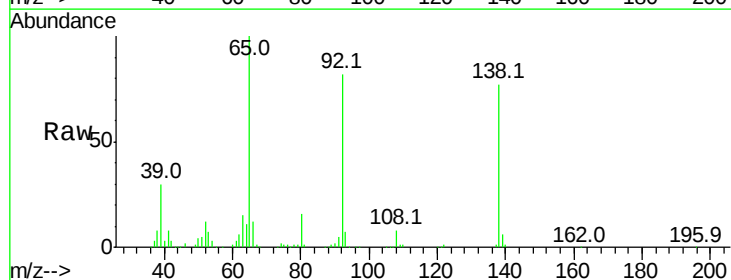
Manual Integrations
APPROVED

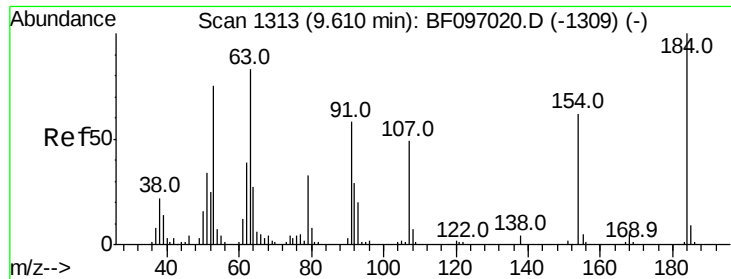
Sohil
8/3/2017 6:08:07 PM



#52
3-Nitroaniline
Concen: 31.154 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	106.7	93.8	140.6





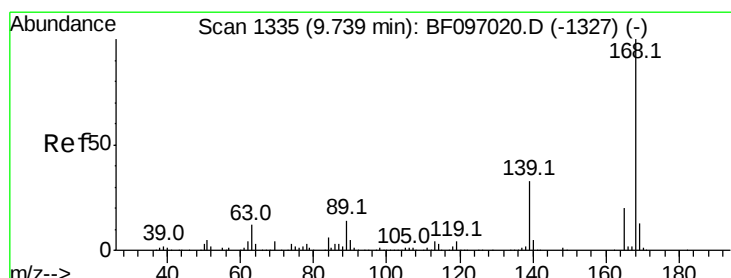
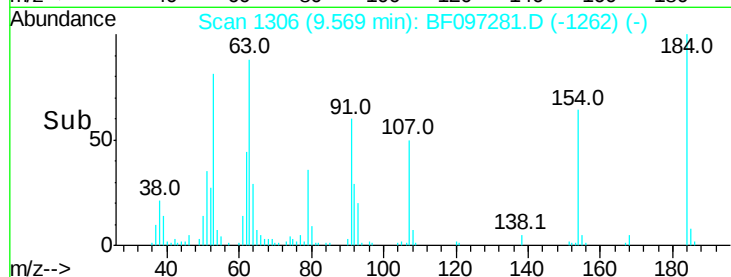
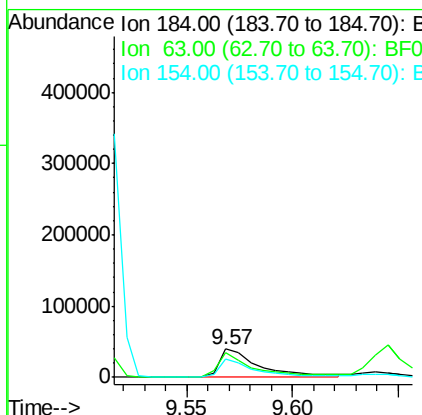
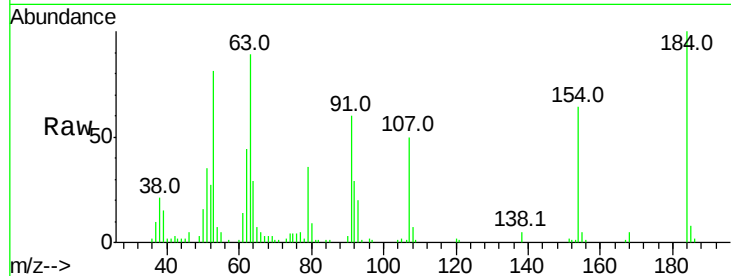
#53
 2,4-Dinitrophenol
 Concen: 36.409 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.04 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	89.4	62.7	94.1	
154	63.6	81.1	121.7	

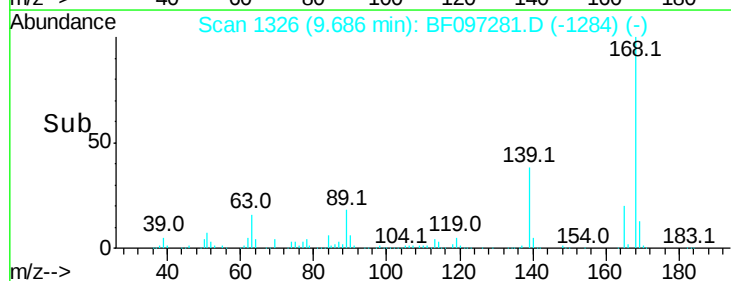
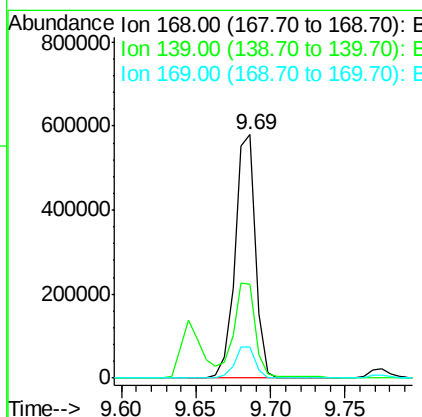
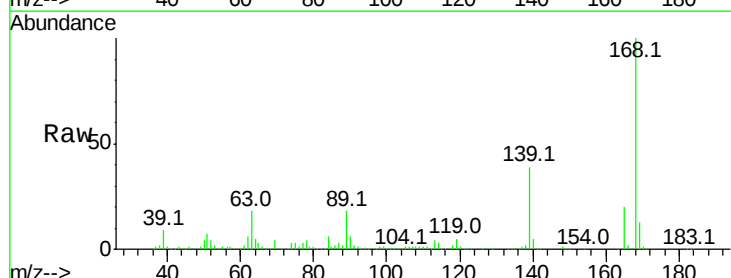
Manual Integrations
 APPROVED

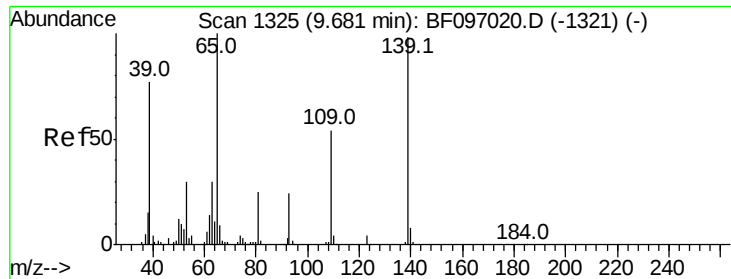
Sohil
 8/3/2017 6:08:07 PM



#54
 Dibenzofuran
 Concen: 36.940 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.6	30.6	45.8	
169	12.8	10.8	16.2	





#55

4-Nitrophenol

Concen: 55.146 ng

RT: 9.65 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

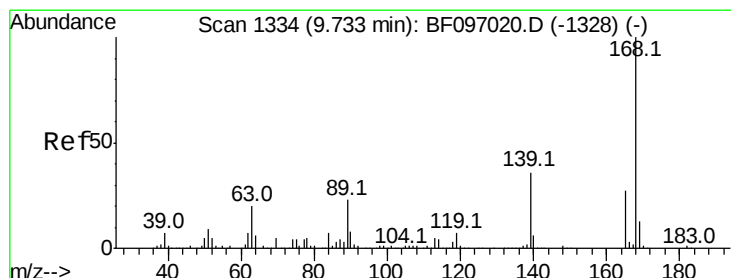
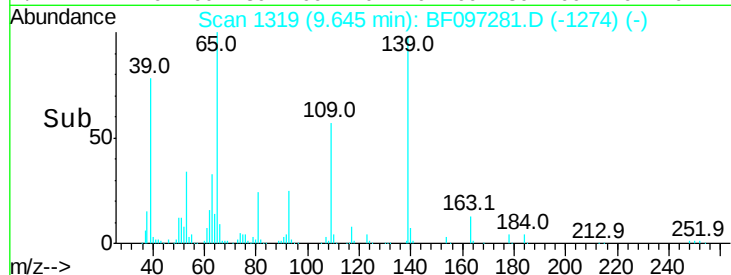
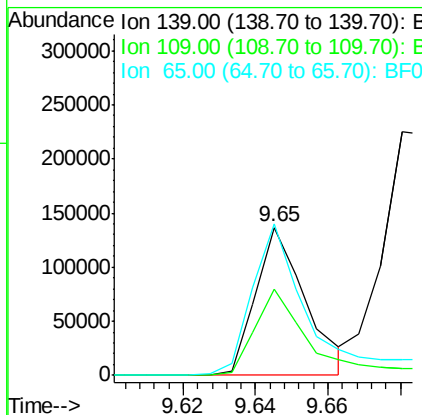
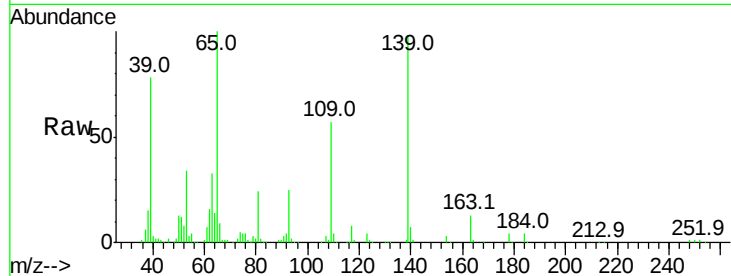
ClientSampleId :

72-11938MS

Tot Ion:	139	Resp:	130182
Ion Ratio	Lower	Upper	
139	100		
109	58.3	34.1	74.1
65	102.1	31.4	71.4#

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#56

2,4-Dinitrotoluene

Concen: 38.311 ng

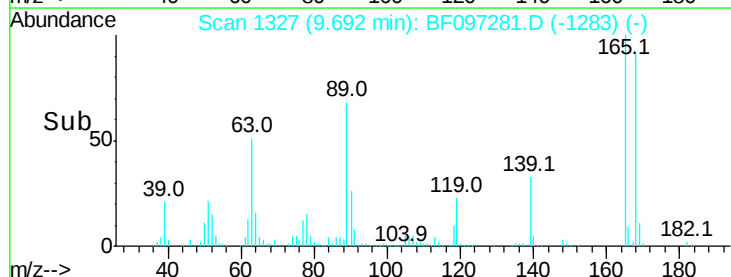
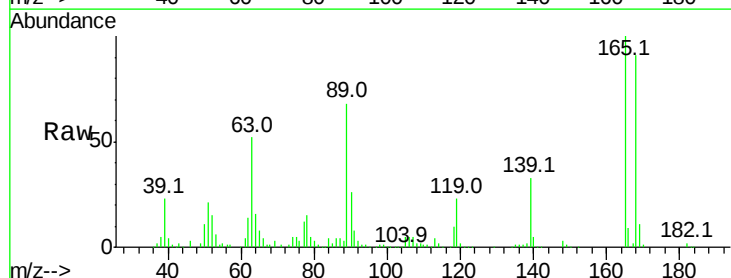
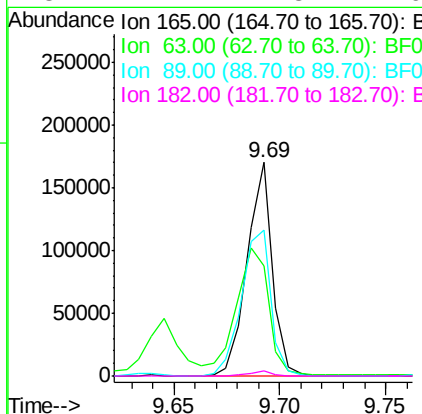
RT: 9.69 min Scan# 1327

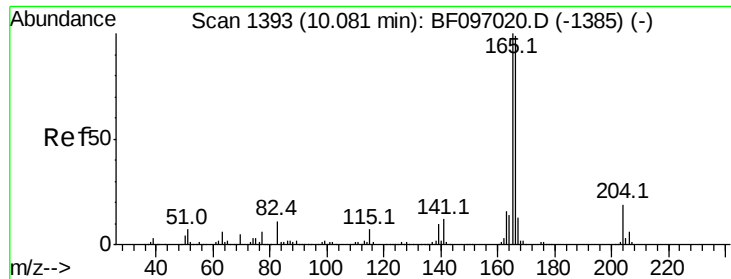
Delta R.T. -0.04 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion:	165	Resp:	140849
Ion Ratio	Lower	Upper	
165	100		
63	51.6	25.4	38.0#
89	68.2	46.4	69.6
182	2.4	1.8	2.6





#57

Fluorene

Concen: 39.849 ng

RT: 10.03 min Scan# 1384

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

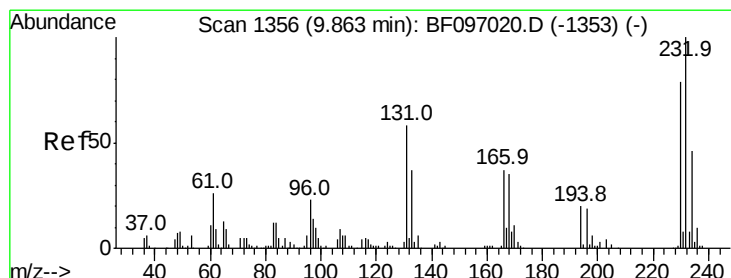
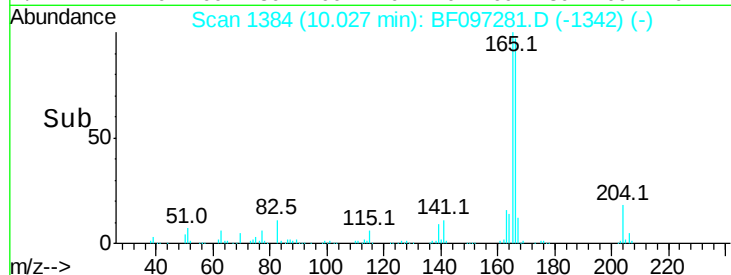
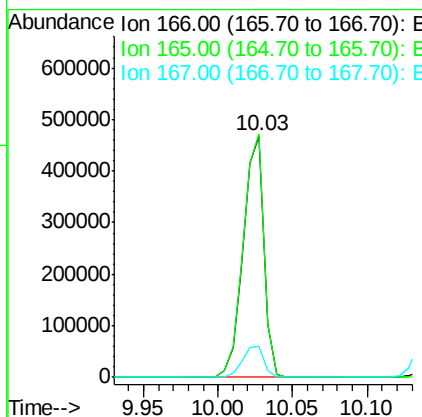
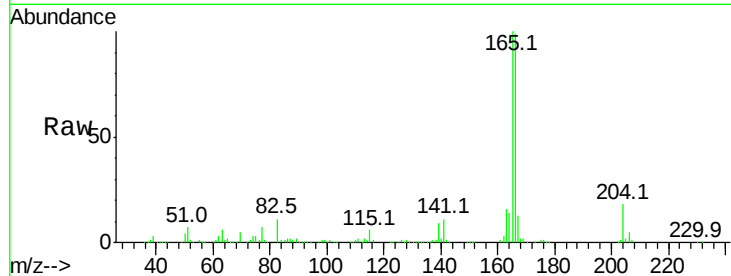
ClientSampleId :

72-11938MS

Tot Ion:	166	Resp:	450163
Ion Ratio	Lower	Upper	
166	100		
165	100.9	78.8	118.2
167	12.7	10.6	16.0

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.268 ng

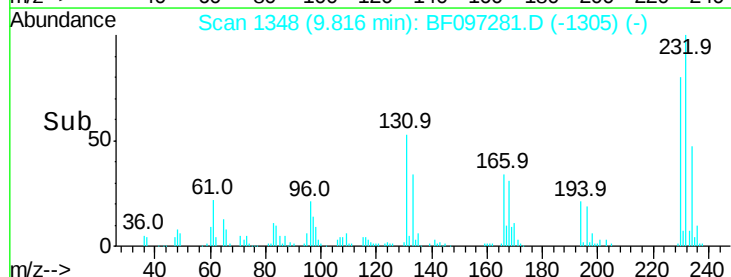
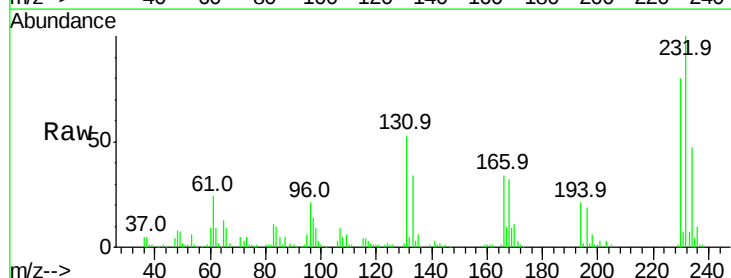
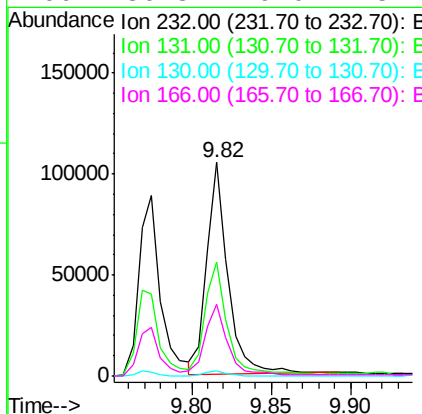
RT: 9.82 min Scan# 1348

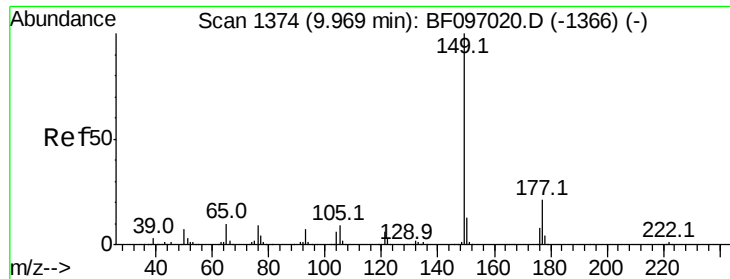
Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion:	232	Resp:	98890
Ion Ratio	Lower	Upper	
232	100		
131	57.2	44.8	67.2
130	2.5	2.3	3.5
166	36.3	29.0	43.4





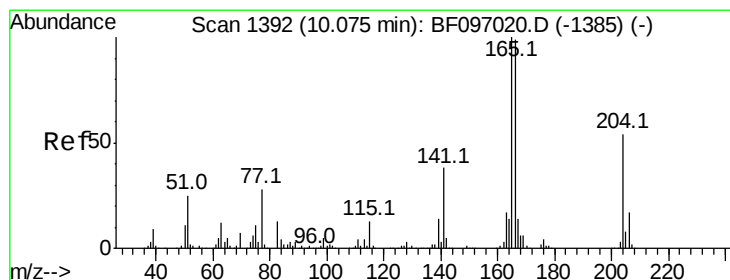
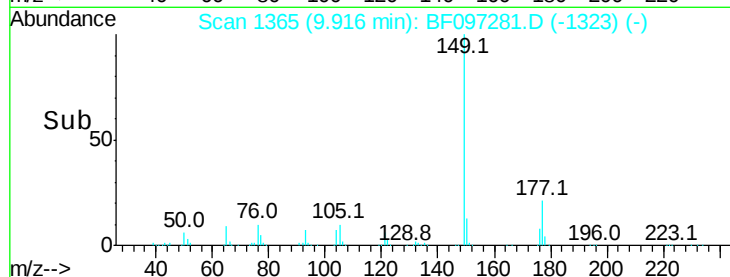
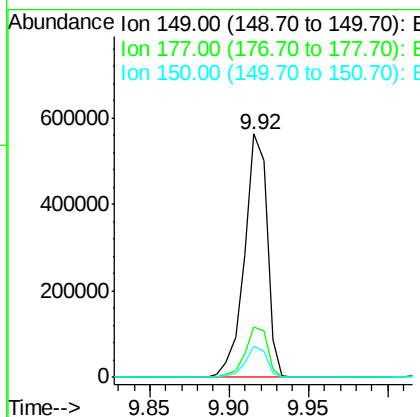
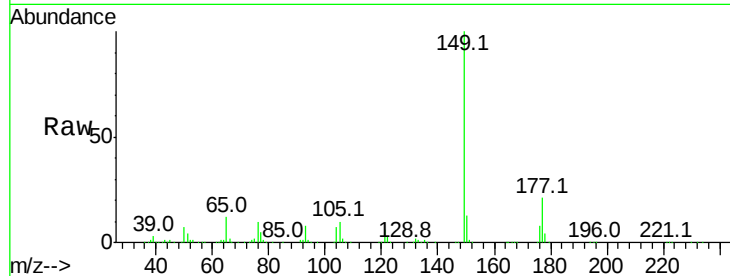
#59
 Diethylphthalate
 Concen: 40.100 ng
 RT: 9.92 min Scan# 1365
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion:	149	Resp:	554739
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.7	25.1
150	12.8	10.2	15.2

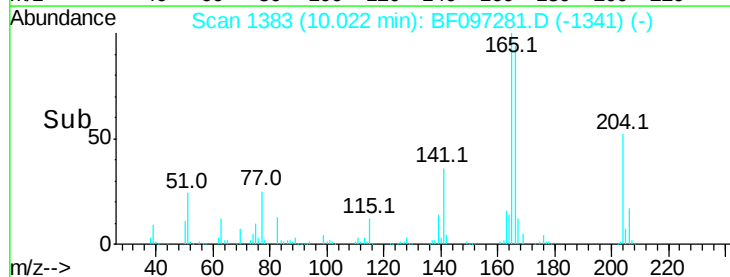
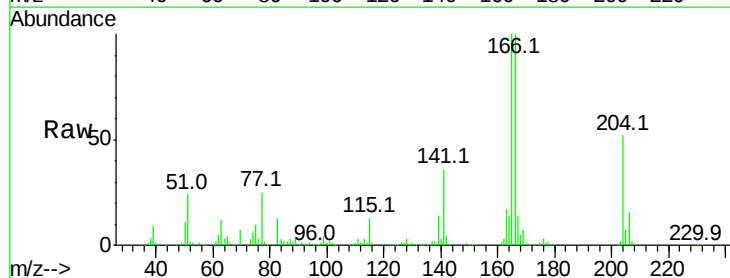
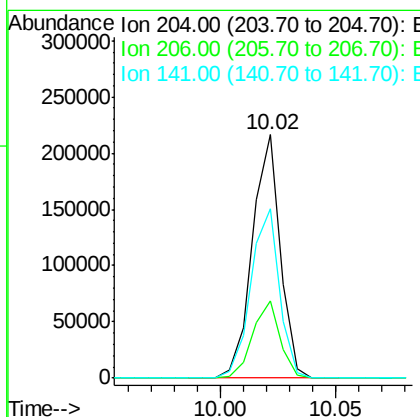
Manual Integrations
 APPROVED

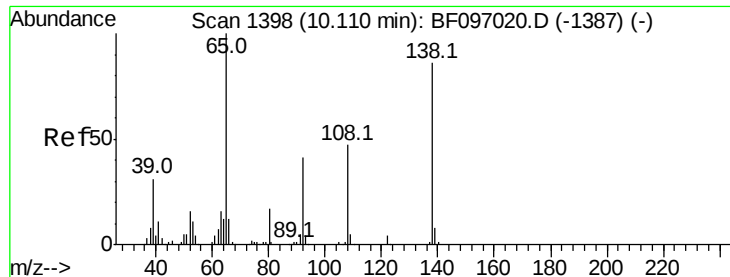
Sohil
 8/3/2017 6:08:07 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 39.409 ng
 RT: 10.02 min Scan# 1383
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion:	204	Resp:	183842
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.2	39.2
141	69.8	60.8	91.2





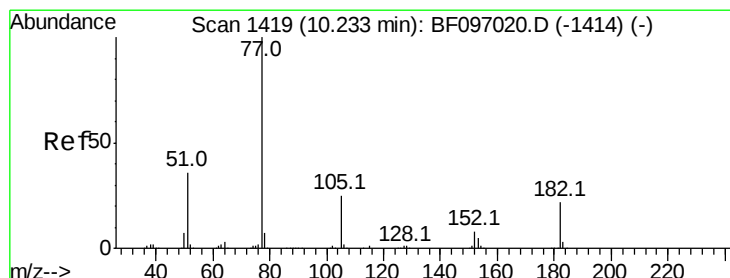
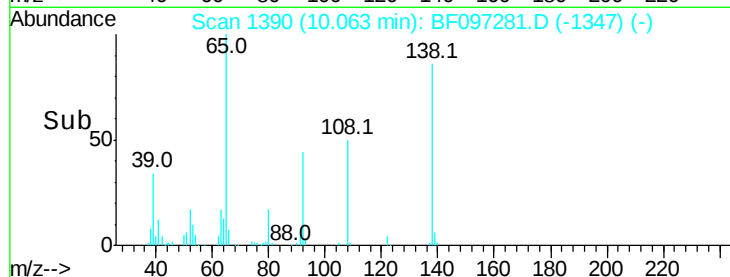
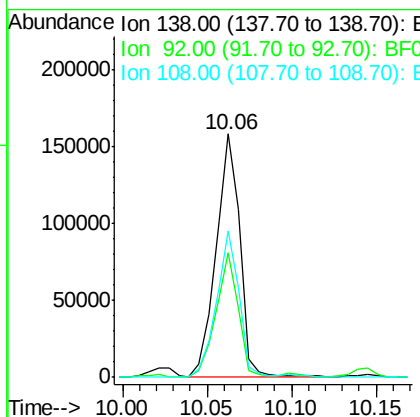
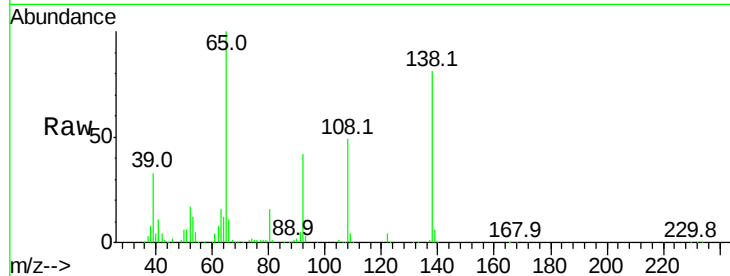
#61
4-Nitroaniline
Concen: 40.933 ng
RT: 10.06 min Scan# 1390
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	154394		
92	51.3	21.8	61.8	
108	60.3	42.3	82.3	

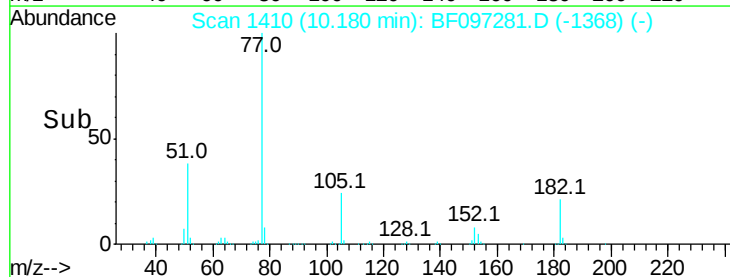
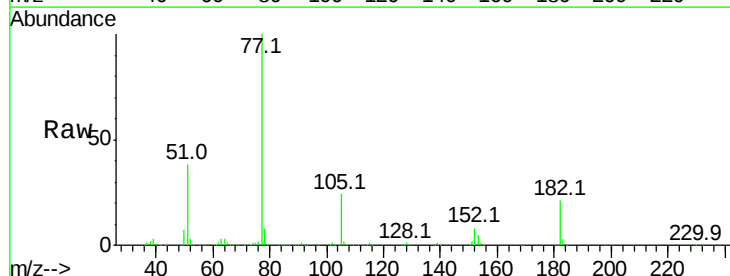
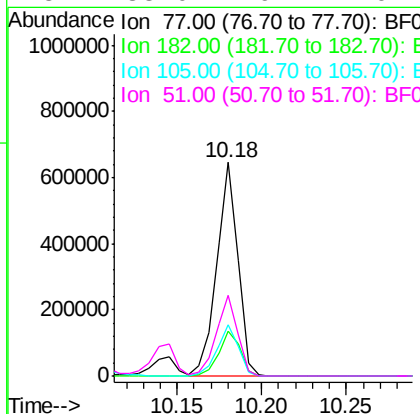
Manual Integrations
APPROVED

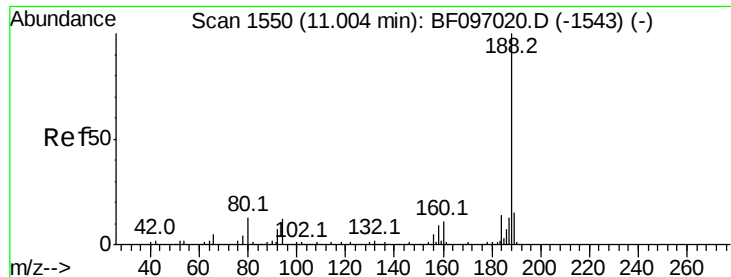
Sohil
8/3/2017 6:08:07 PM



#62
Azobenzene
Concen: 44.138 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	566446		
182	21.2	0.1	40.1	
105	24.1	3.6	43.6	
51	38.0	9.4	49.4	





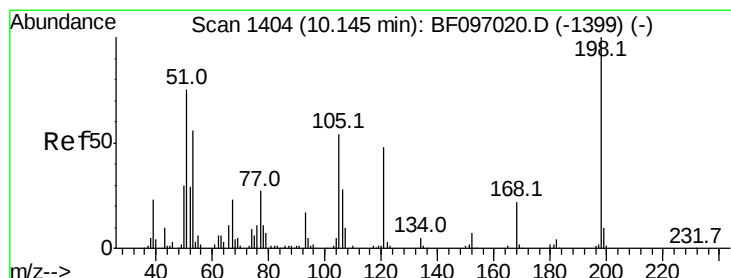
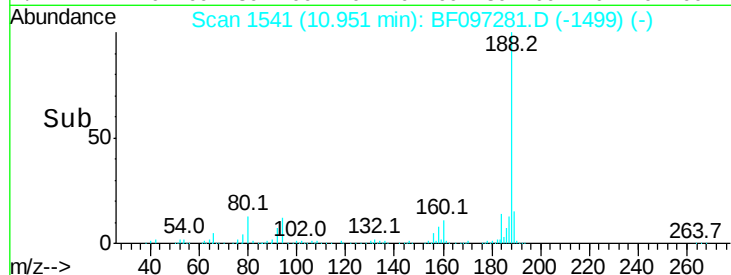
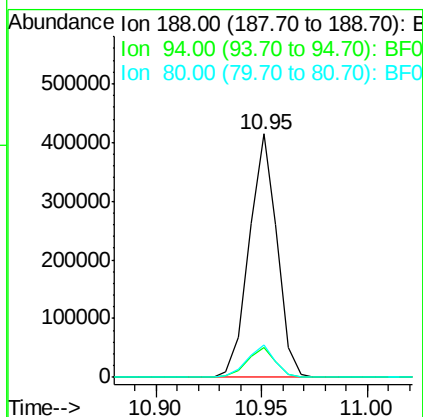
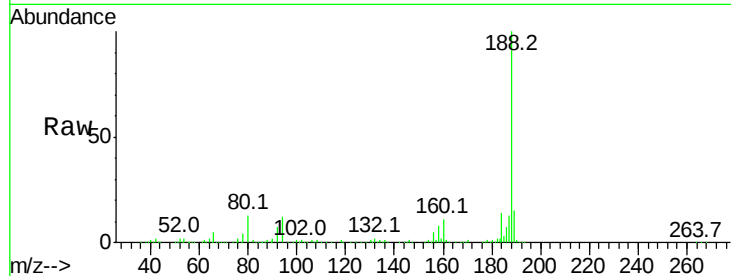
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampled :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.1	9.4	14.2	
80	13.1	10.2	15.2	

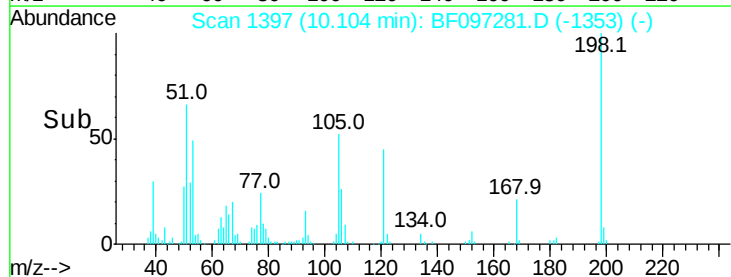
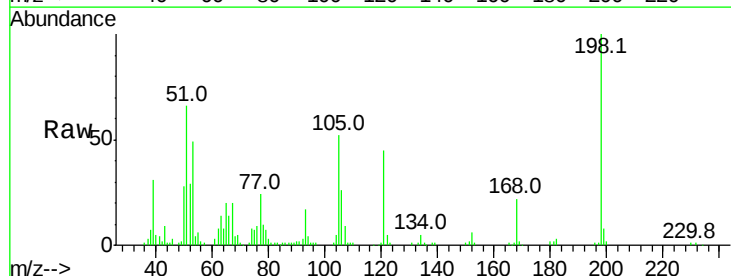
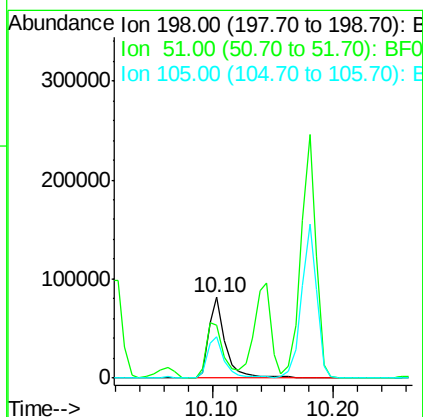
Manual Integrations
APPROVED

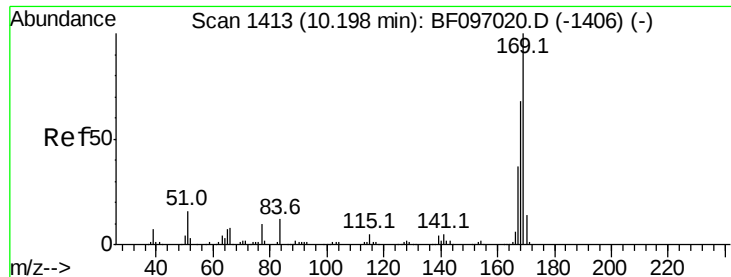
Sohil
8/3/2017 6:08:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.867 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	65.7	53.2	93.2	
105	51.5	45.8	85.8	





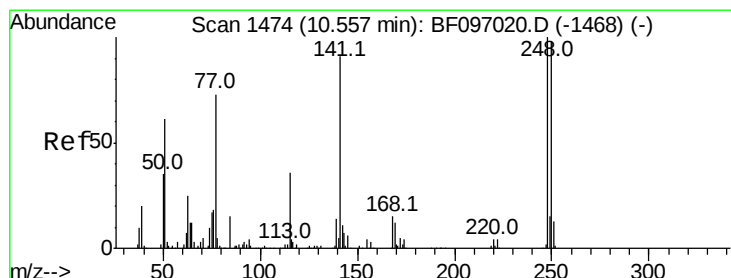
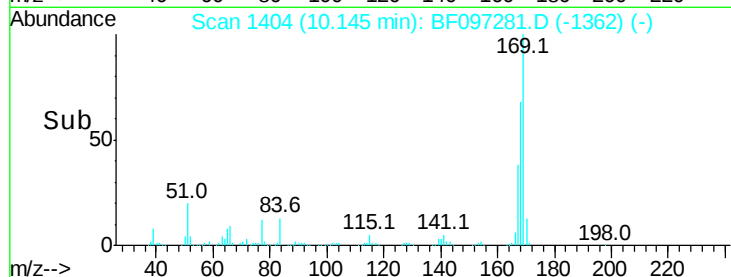
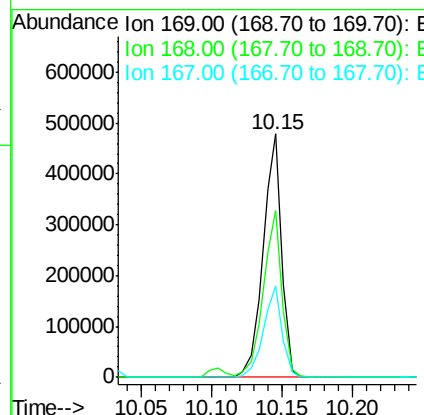
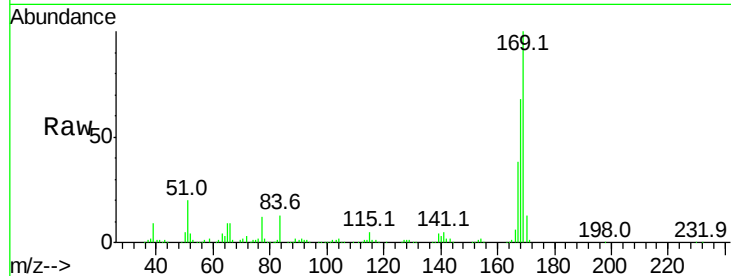
#65
n-Nitrosodiphenylamine
Concen: 33.776 ng
RT: 10.15 min Scan# 1404
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	445313		
168	68.5	53.2	79.8	
167	37.8	29.5	44.3	

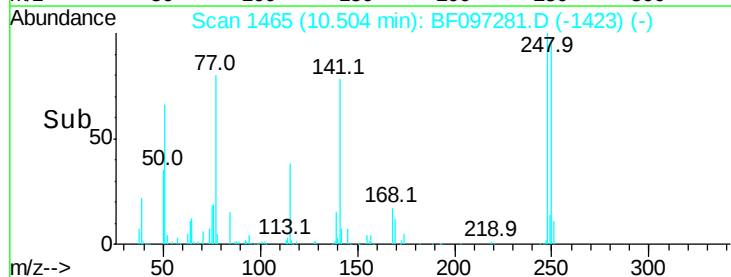
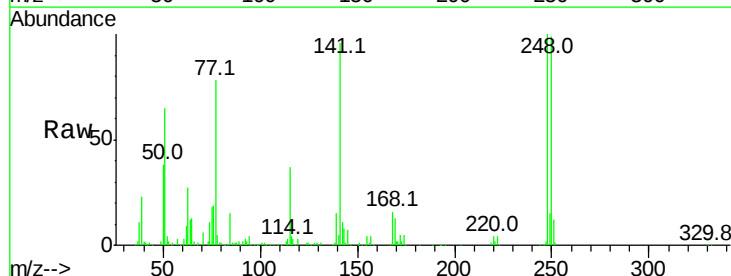
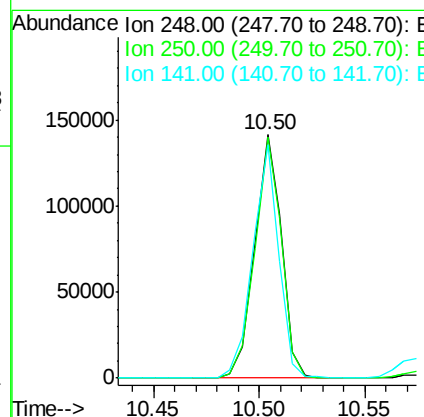
Manual Integrations
APPROVED

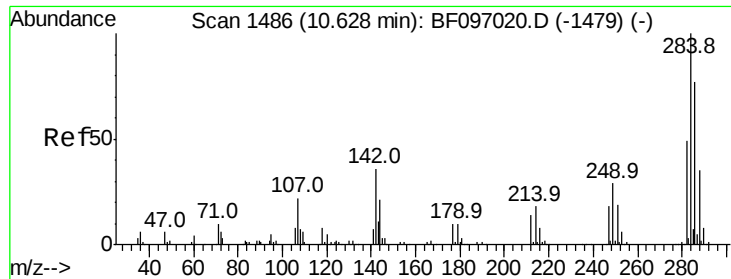
Sohil
8/3/2017 6:08:07 PM



#66
4-Bromophenyl-phenylether
Concen: 33.070 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	125057		
250	99.0	76.8	115.2	
141	95.9	68.6	103.0	





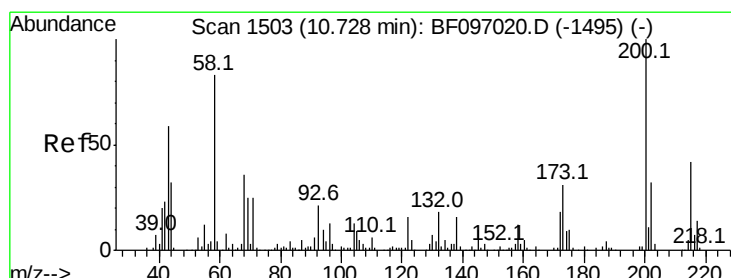
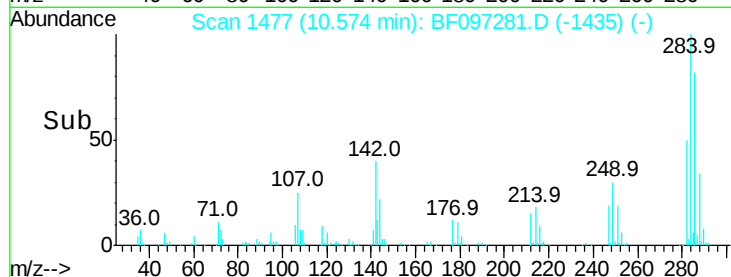
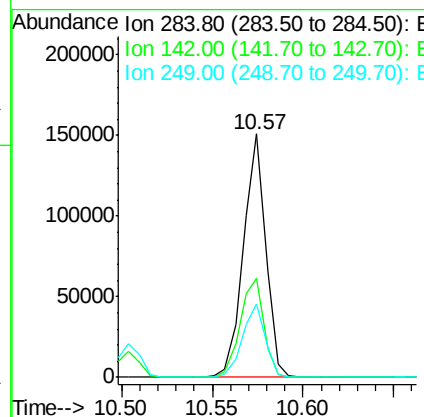
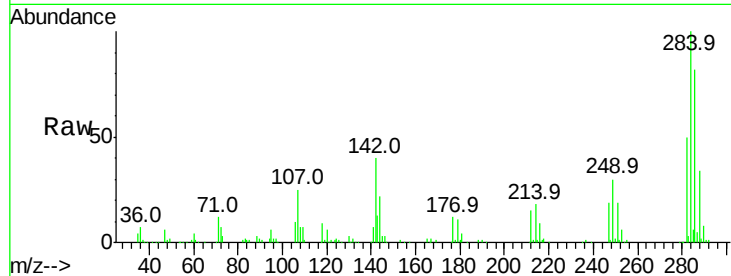
#67
Hexachlorobenzene
Concen: 30.417 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.4	22.8	34.2	#
249	30.0	24.0	36.0	

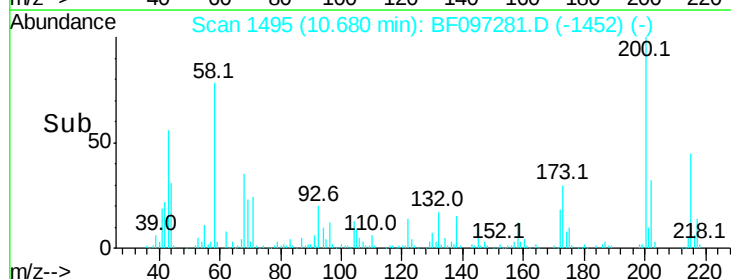
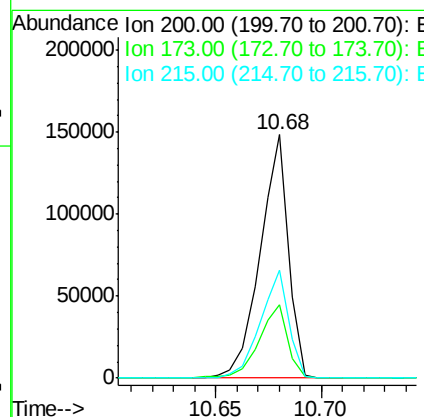
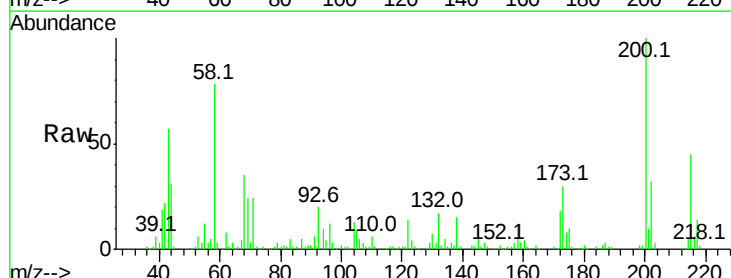
Manual Integrations
APPROVED

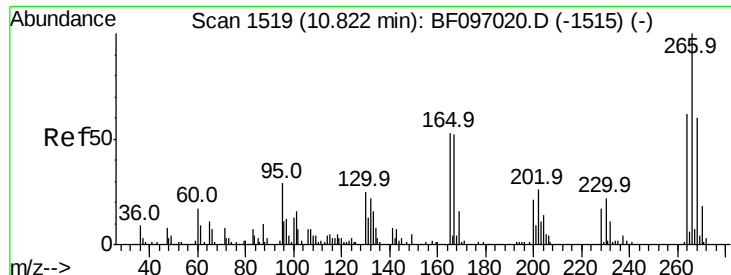
Sohil
8/3/2017 6:08:07 PM



#68
Atrazine
Concen: 36.508 ng
RT: 10.68 min Scan# 1495
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.3	6.3	46.3	
215	44.5	27.2	67.2	





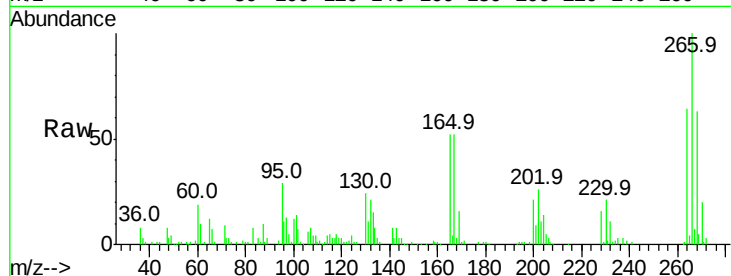
#69
 Pentachlorophenol
 Concen: 56.143 ng
 RT: 10.77 min Scan# 1511
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.7	51.1	76.7	
264	64.5	51.7	77.5	

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:07 PM

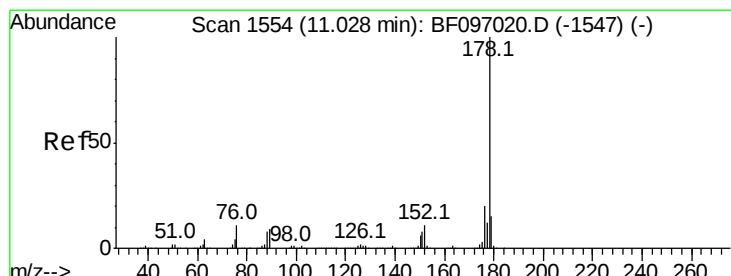
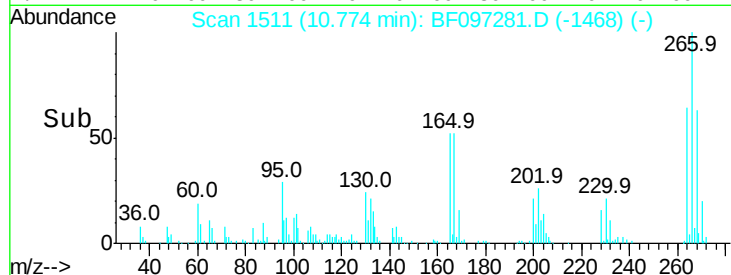
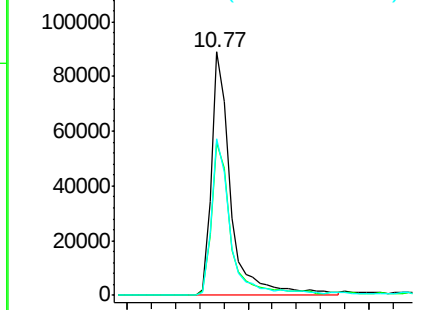


Abundance

Ion 265.70 (265.40 to 266.40): E

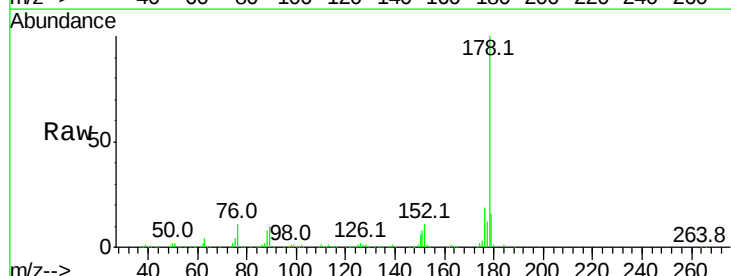
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 34.552 ng
 RT: 10.97 min Scan# 1545
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	16.2	24.4	
179	15.8	12.6	19.0	

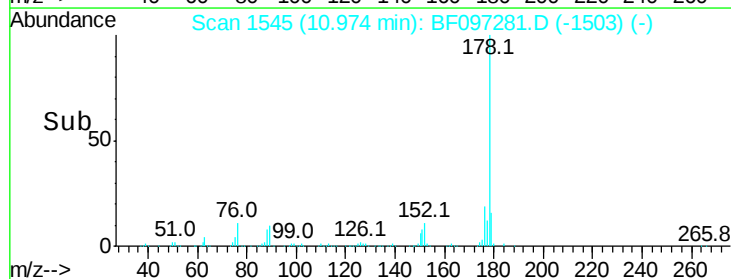
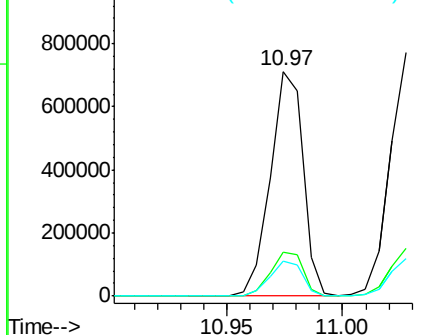


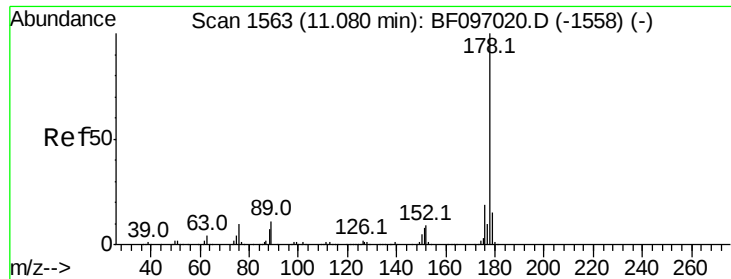
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





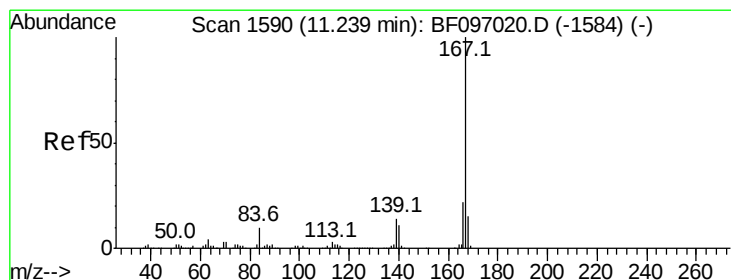
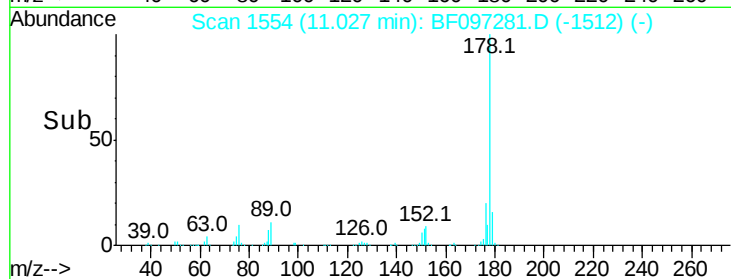
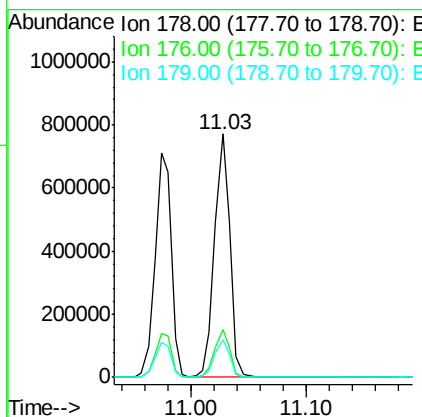
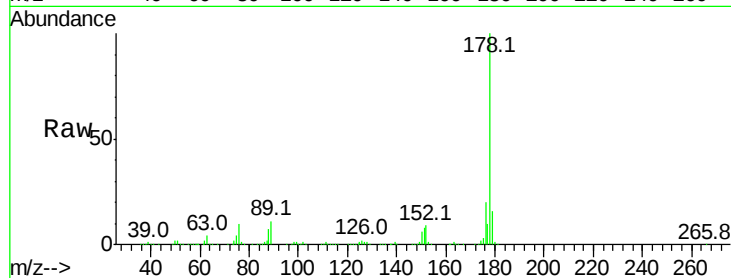
#71
 Anthracene
 Concen: 34.218 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampled :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	12.7	19.1

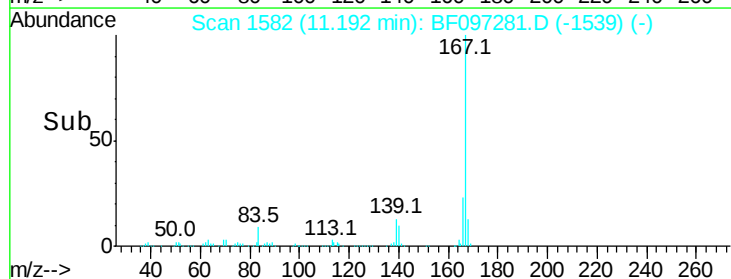
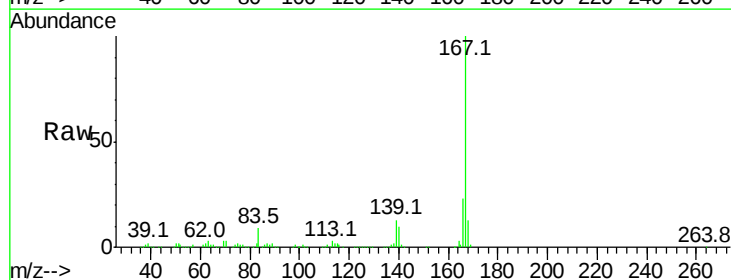
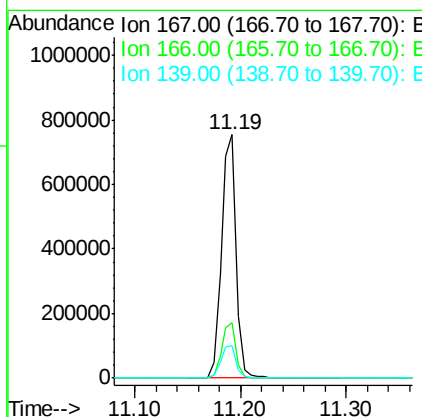
Manual Integrations
 APPROVED

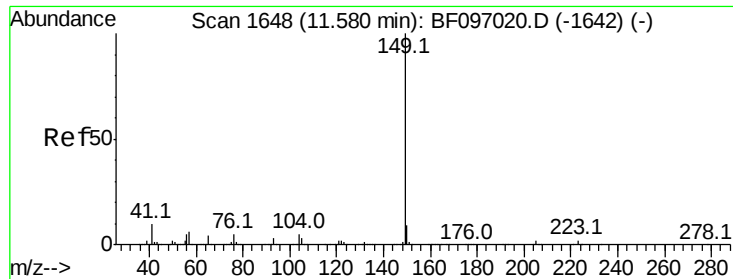
Sohil
 8/3/2017 6:08:07 PM



#72
 Carbazole
 Concen: 35.645 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.1	11.7	17.5





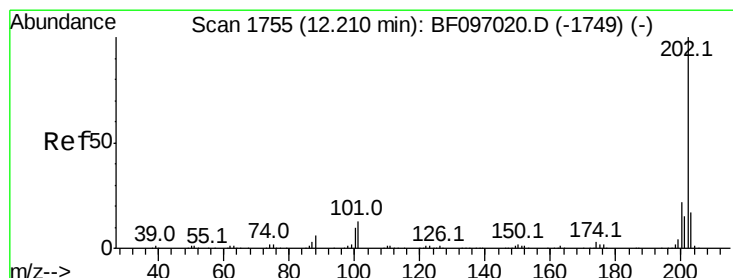
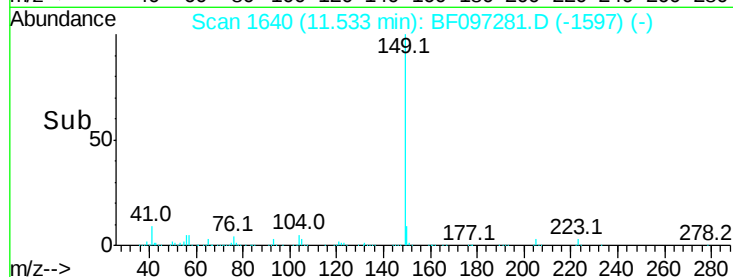
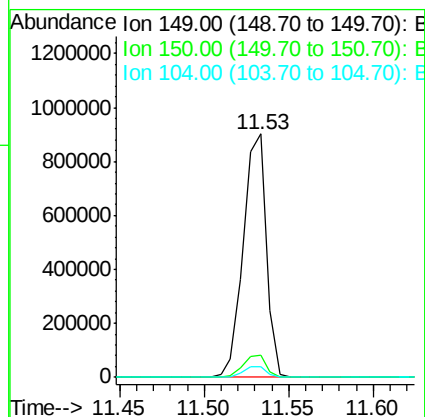
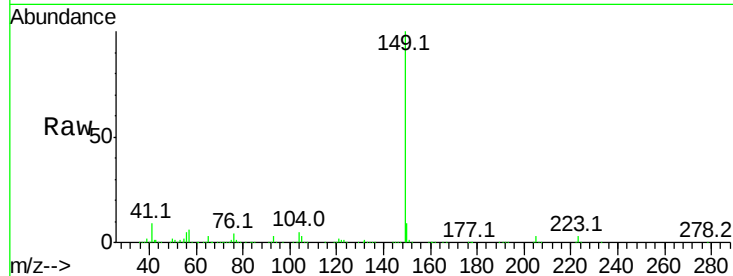
#73
Di-n-butylphthalate
Concen: 34.197 ng
RT: 11.53 min Scan# 1640
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.7	11.5	
104	4.5	4.0	6.0	

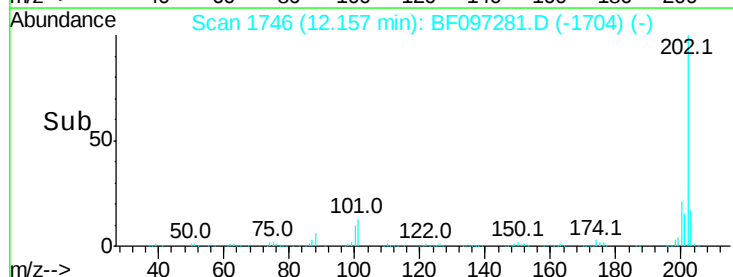
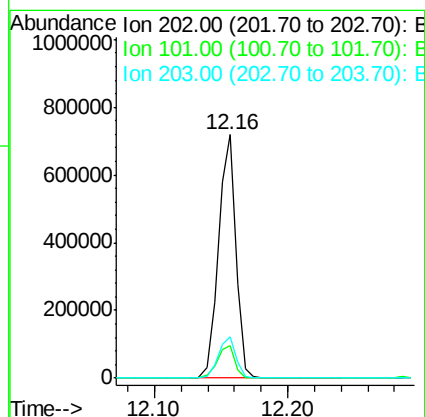
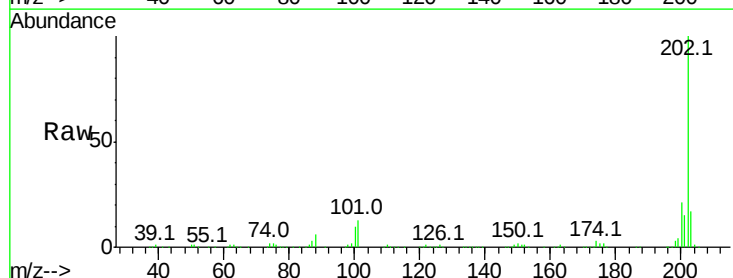
Manual Integrations
APPROVED

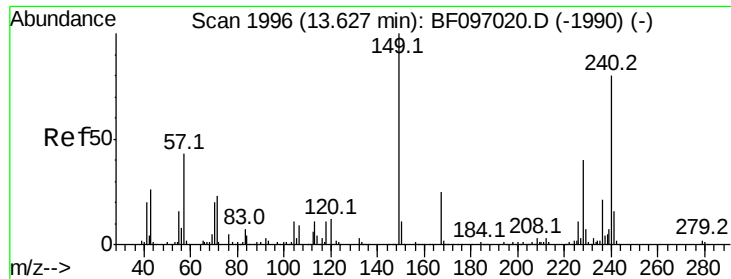
Sohil
8/3/2017 6:08:07 PM



#74
Fluoranthene
Concen: 33.254 ng
RT: 12.16 min Scan# 1746
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.2	0.0	33.2	
203	16.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1987

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

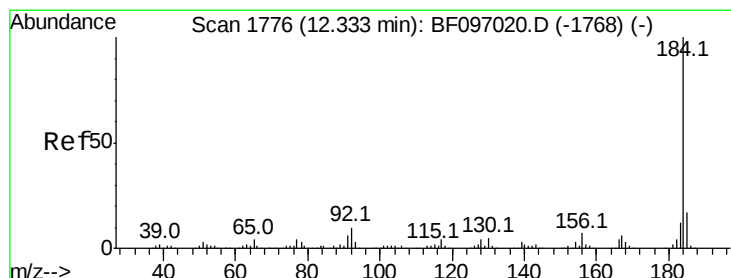
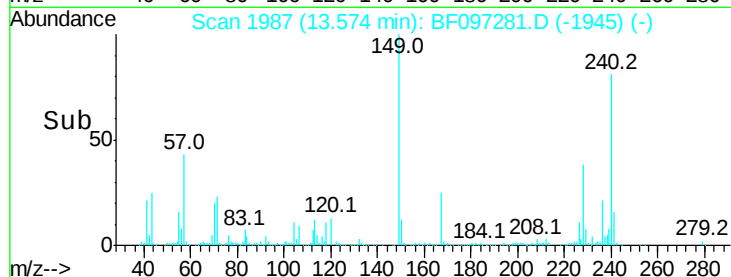
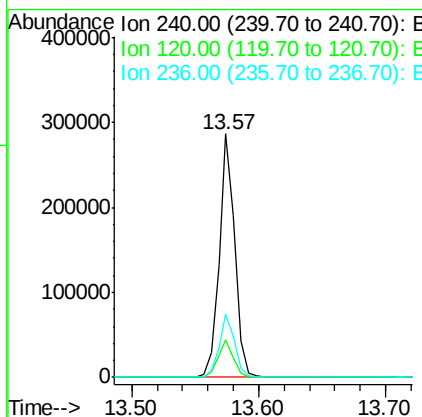
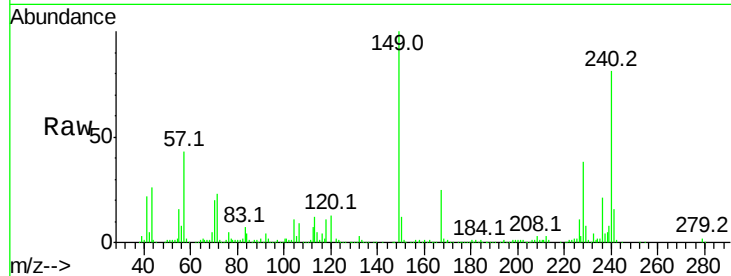
ClientSampleId :

72-11938MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#76

Benzidine

Concen: 42.940 ng

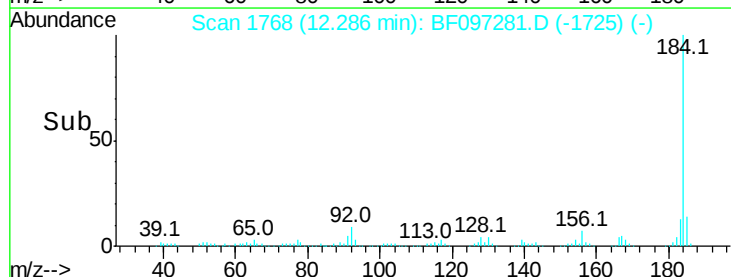
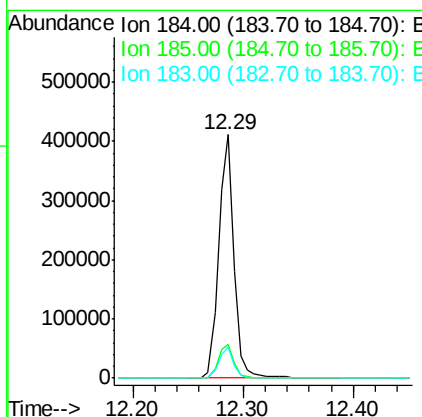
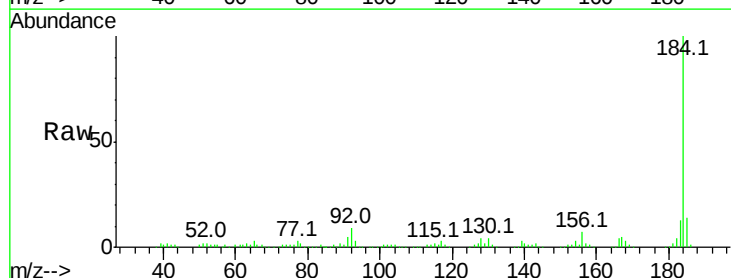
RT: 12.29 min Scan# 1768

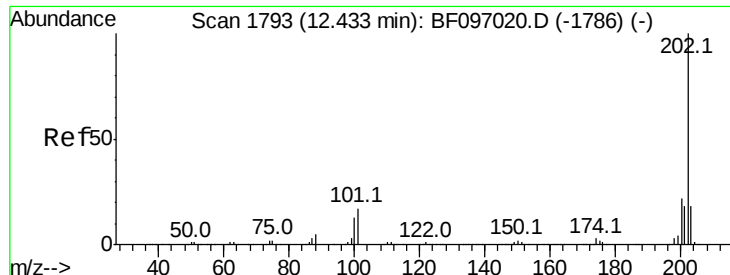
Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	15.5	23.3#
183	12.6	9.8	14.6





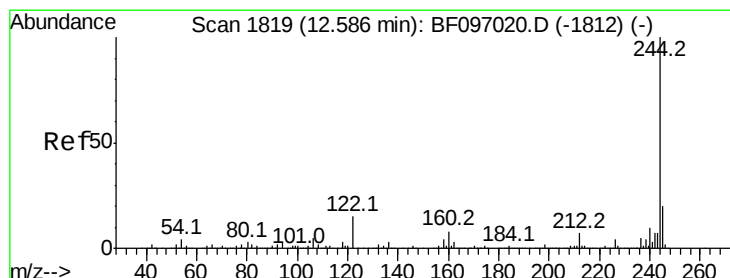
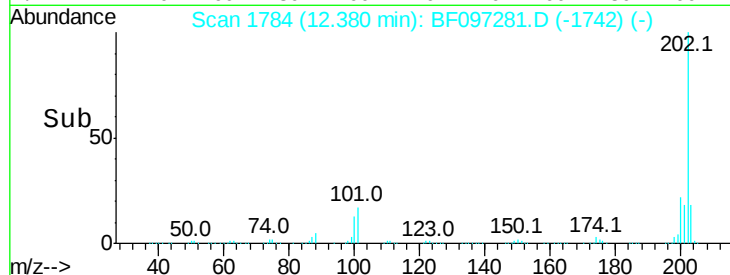
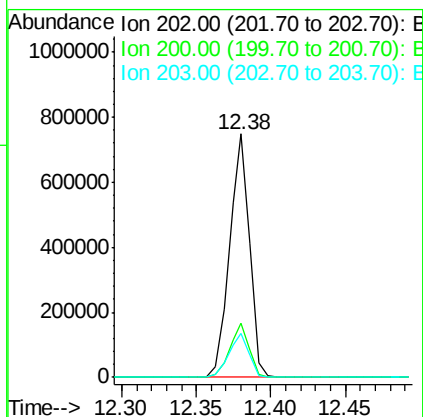
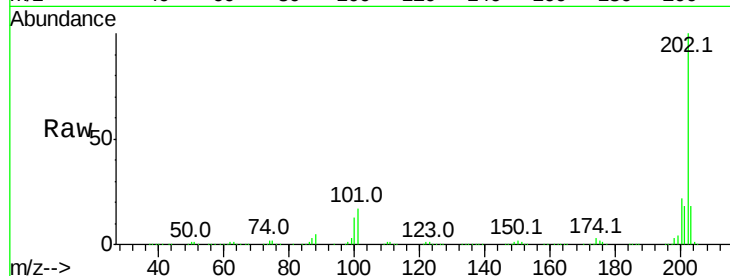
#77
Pvrene
Concen: 34.899 ng
RT: 12.38 min Scan# 1784
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.4	21.6

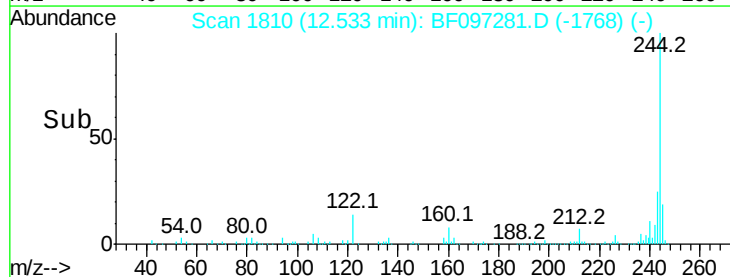
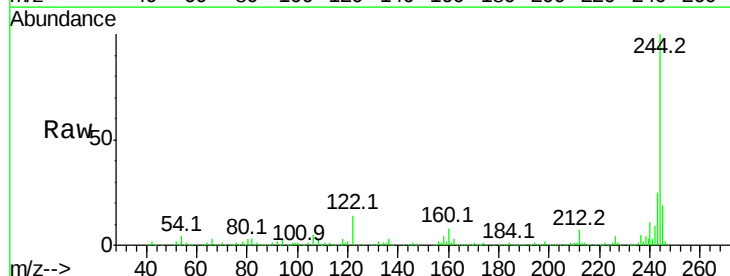
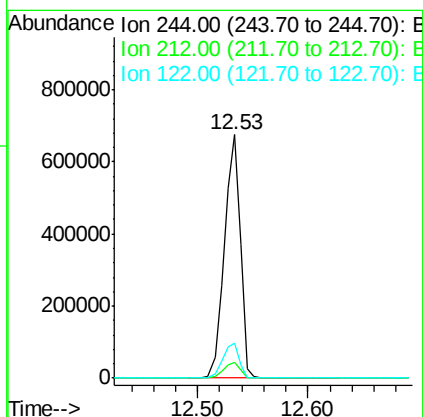
Manual Integrations
APPROVED

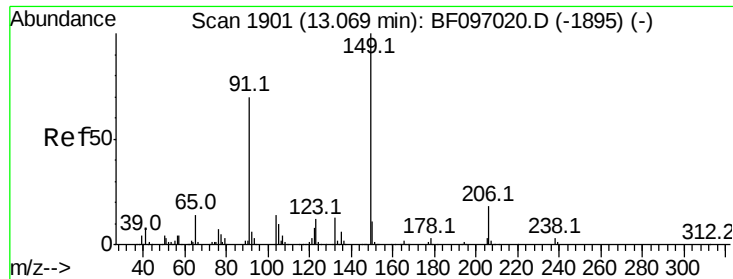
Sohil
8/3/2017 6:08:07 PM



#78
Terphenyl-d14
Concen: 56.439 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.1	10.3	15.5





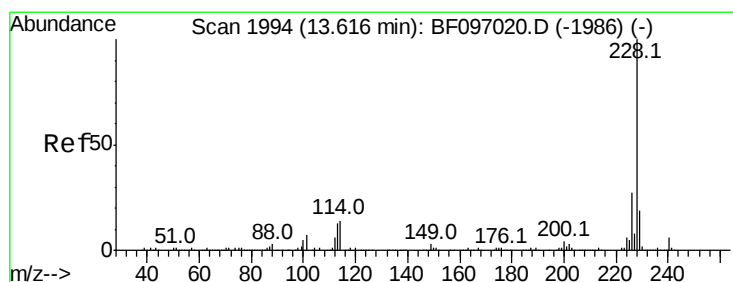
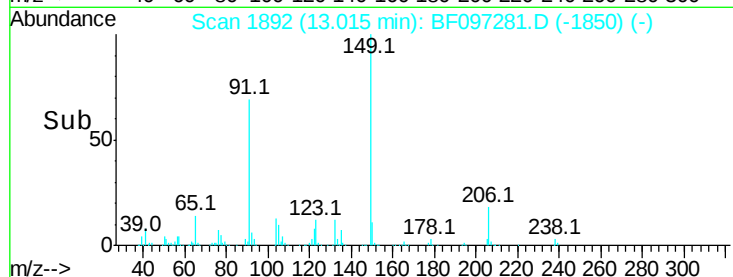
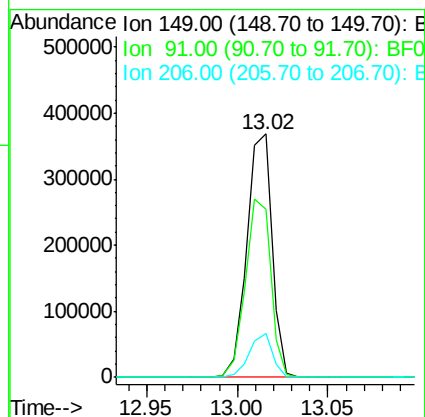
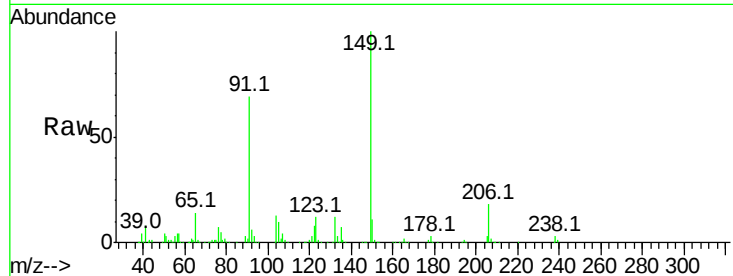
#79
Butylbenzylphthalate
Concen: 34.729 ng
RT: 13.02 min Scan# 1892
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	356821		
91	69.1	45.0	67.4#	
206	17.8	17.0	25.6	

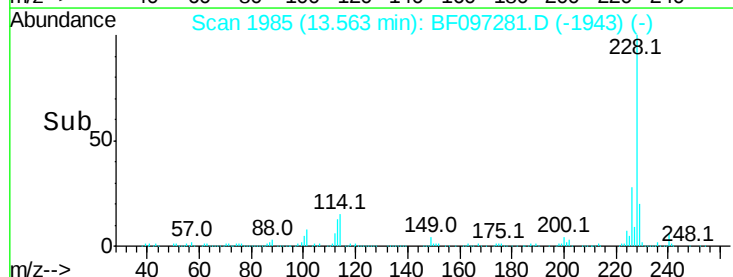
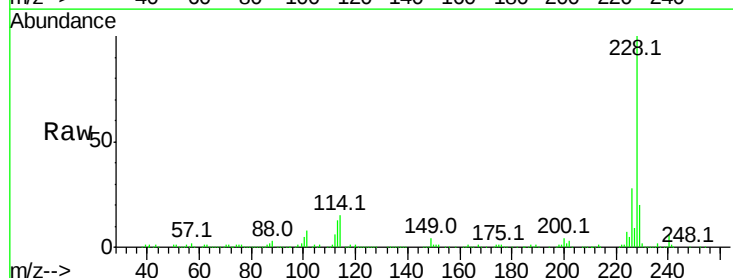
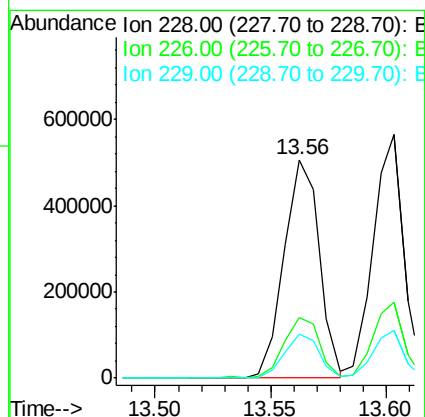
Manual Integrations
APPROVED

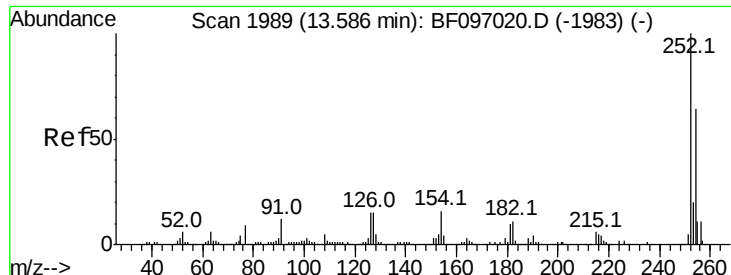
Sohil
8/3/2017 6:08:07 PM



#80
Benzo(a)anthracene
Concen: 33.404 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	533268		
226	28.1	22.6	33.8	
229	20.1	16.3	24.5	





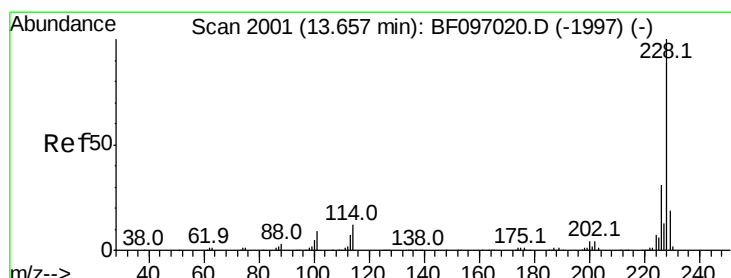
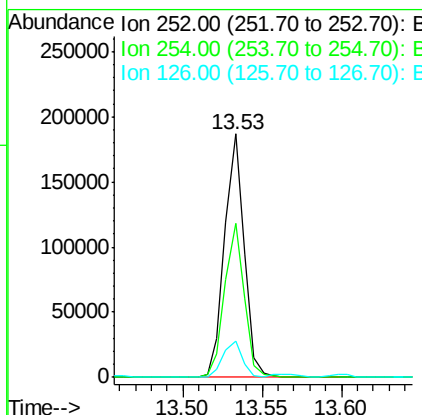
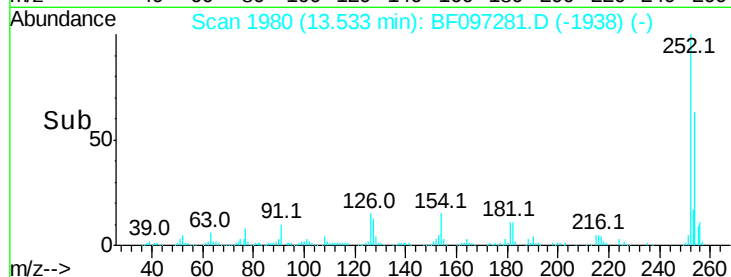
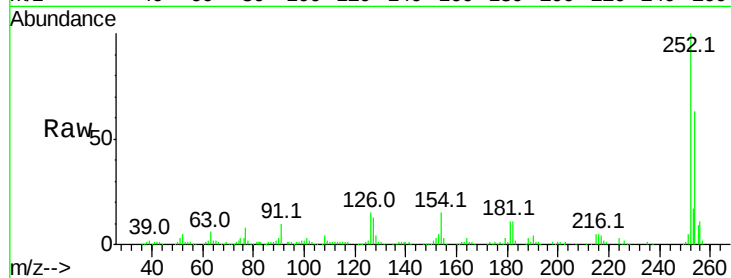
#81
 3,3'-Dichlorobenzidine
 Concen: 26.687 ng
 RT: 13.53 min Scan# 1980
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.5	51.5	77.3
126	14.9	15.8	23.8

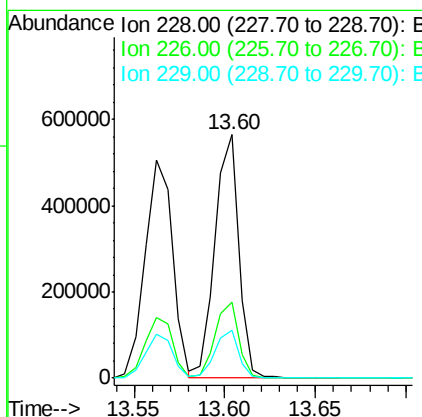
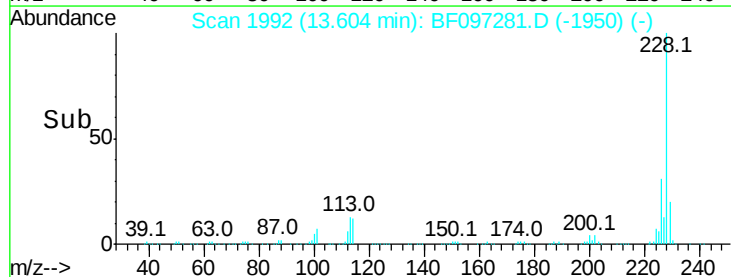
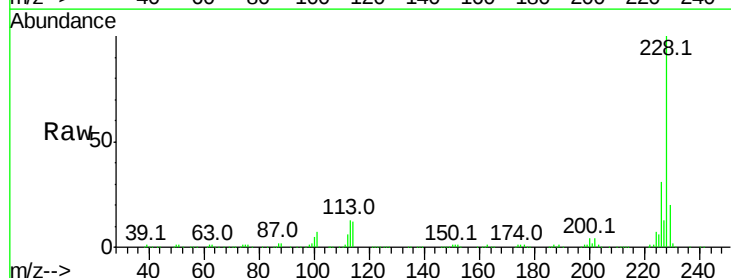
Manual Integrations
 APPROVED

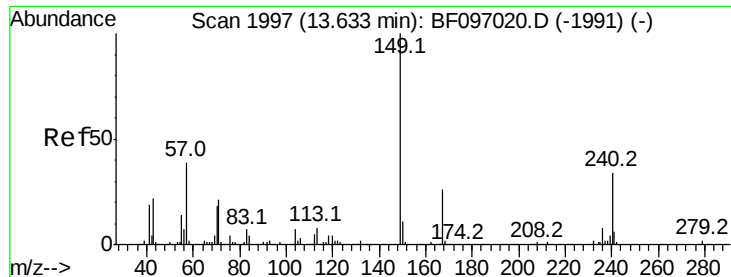
Sohil
 8/3/2017 6:08:07 PM



#82
 Chrysene
 Concen: 33.125 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.05 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.840 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tot Ion:149 Resp: 467372

Ion Ratio Lower Upper

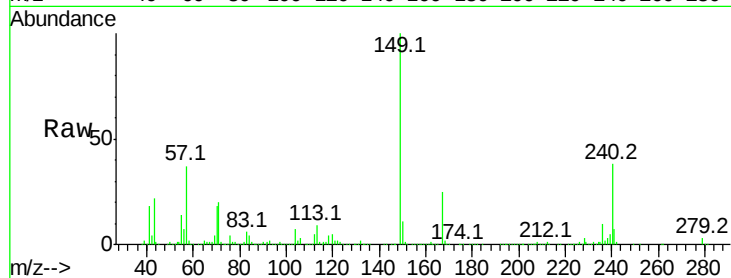
149 100

167 25.5 21.0 31.4

279 2.6 1.9 2.9

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

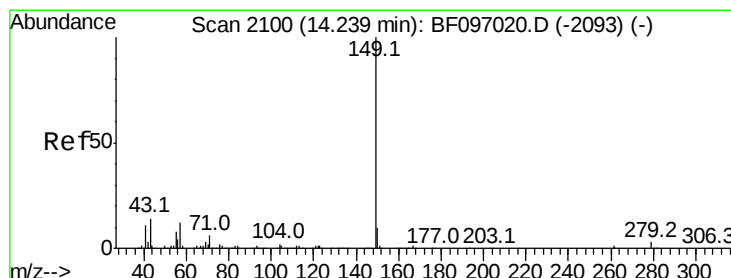
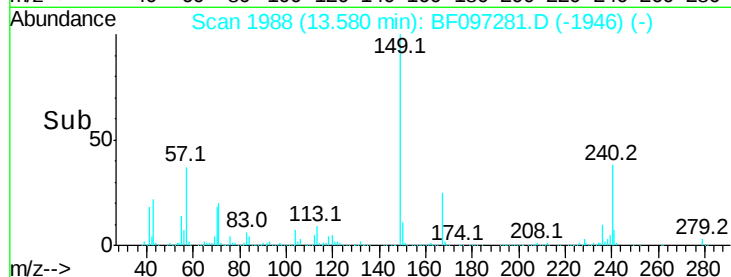
13.58

400000

200000

0

Time--> 13.55 13.60 13.65



#84

Di-n-octyl phthalate

Concen: 32.519 ng

RT: 14.19 min Scan# 2091

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

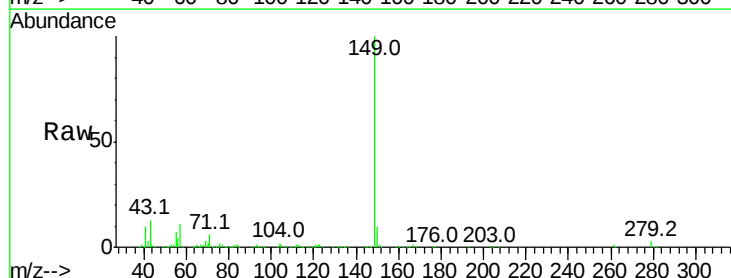
Tgt Ion:149 Resp: 800557

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.5 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.19

1000000

800000

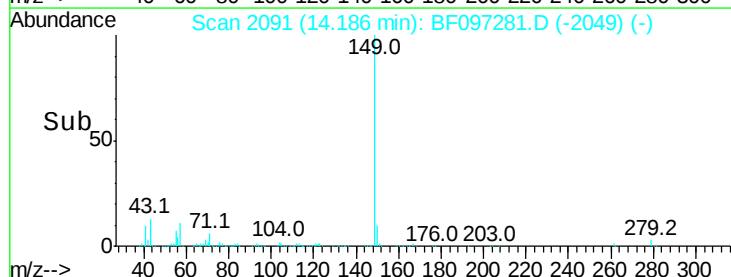
600000

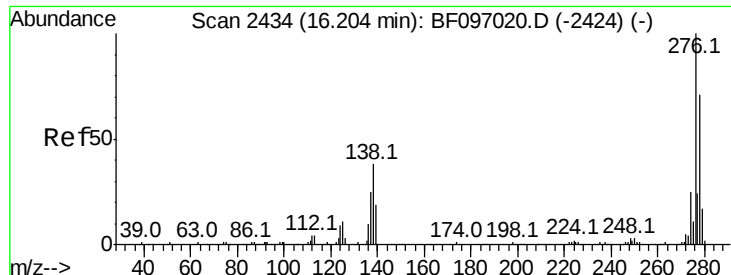
400000

200000

0

Time--> 14.10 14.20 14.30





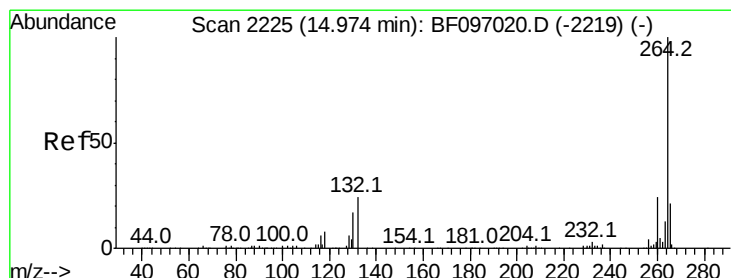
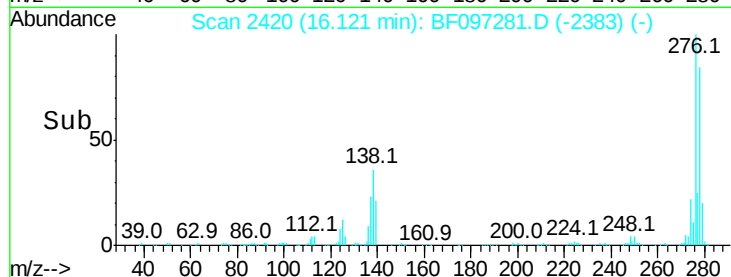
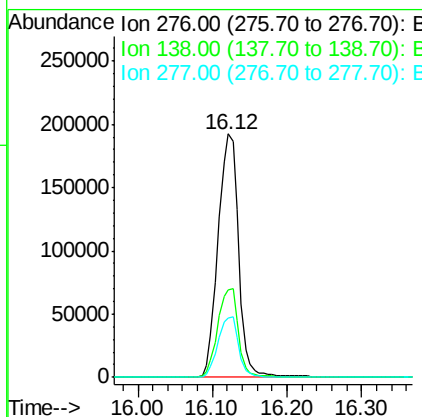
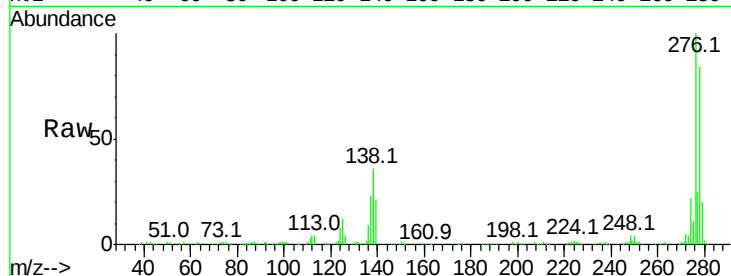
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.780 ng
 RT: 16.12 min Scan# 2420
 Delta R.T. -0.08 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	24.7	20.2	30.4

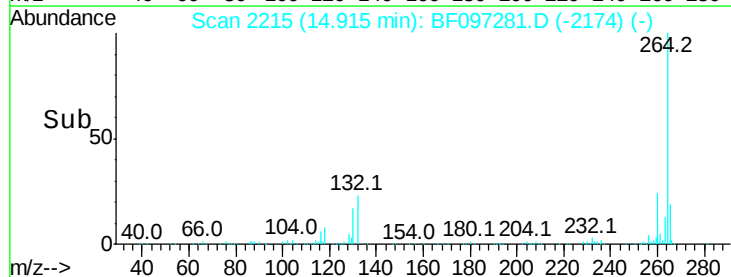
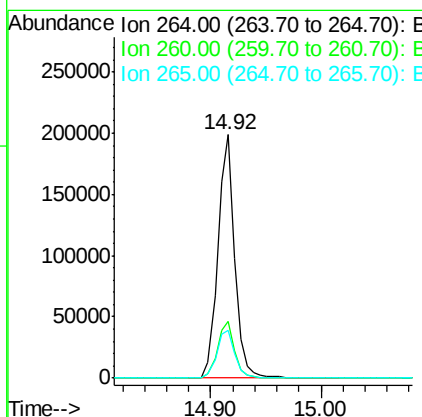
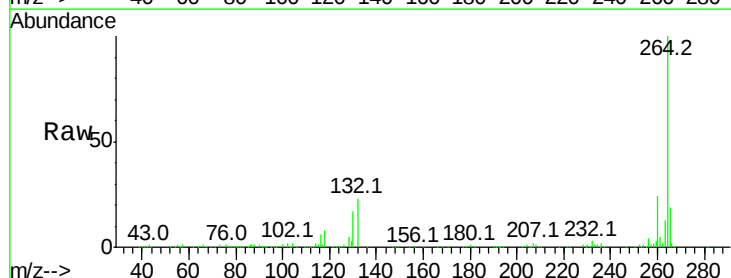
Manual Integrations
 APPROVED

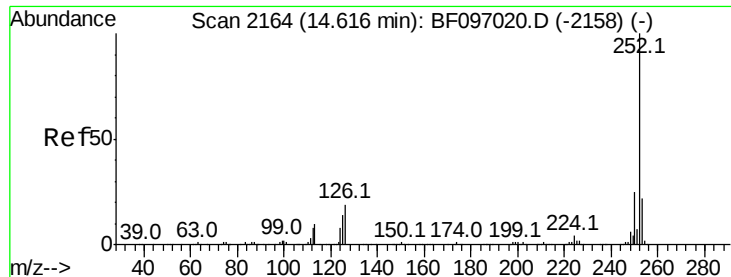
Sohil
 8/3/2017 6:08:07 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.06 min
 Lab File: BF097281.D
 Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	19.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.366 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.05 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

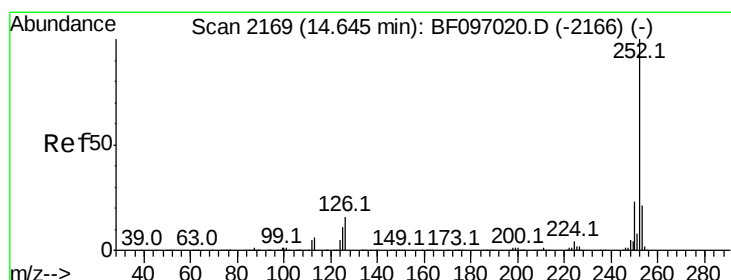
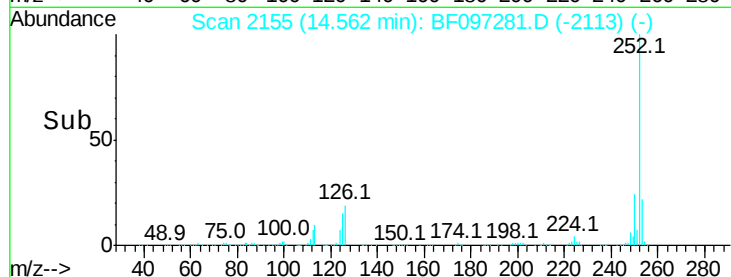
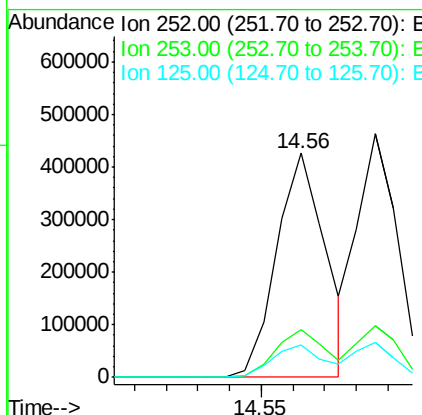
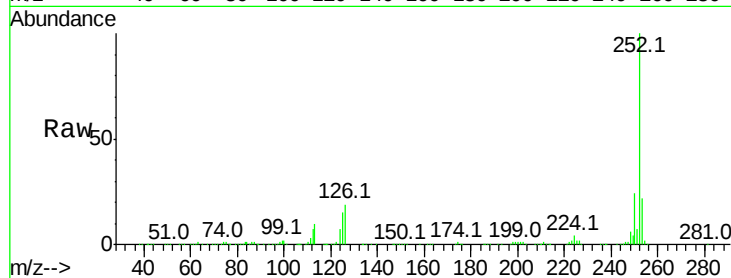
ClientSampleId :

72-11938MS

Tot Ion:	252	Resp:	457076
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	14.5	9.8	14.8

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM



#88

Benzo(k)fluoranthene

Concen: 34.684 ng

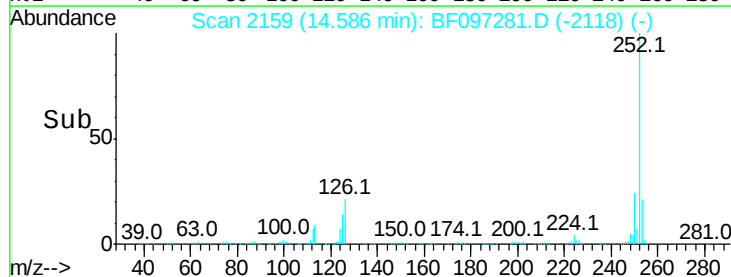
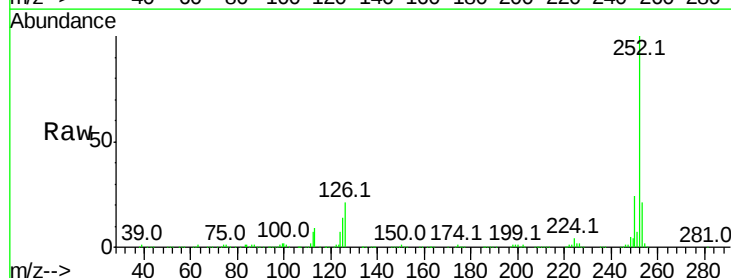
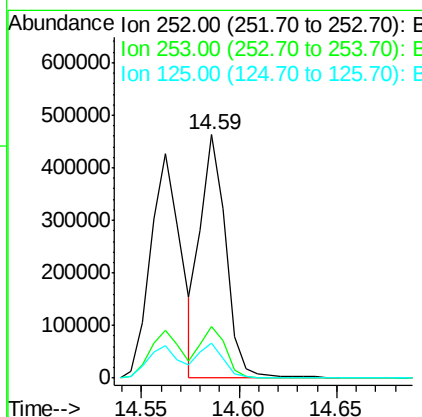
RT: 14.59 min Scan# 2159

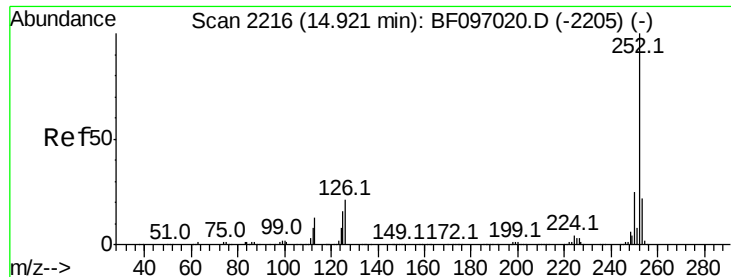
Delta R.T. -0.06 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Tgt Ion:	252	Resp:	415416
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.4	27.6
125	14.4	13.1	19.7





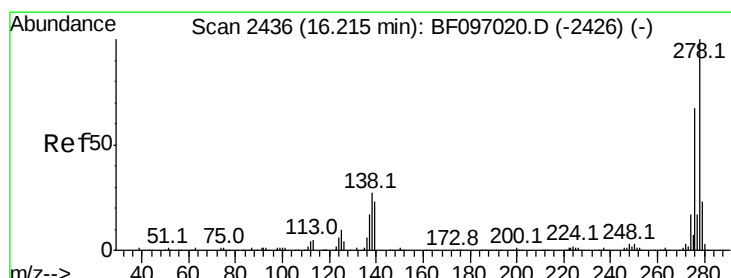
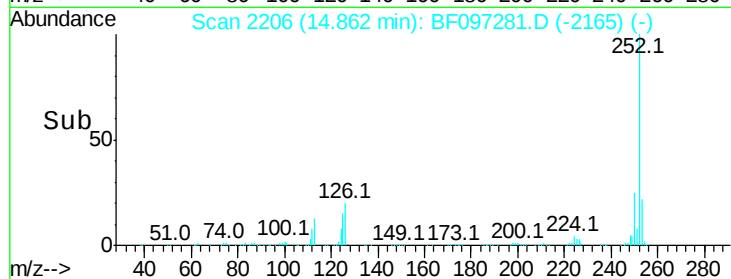
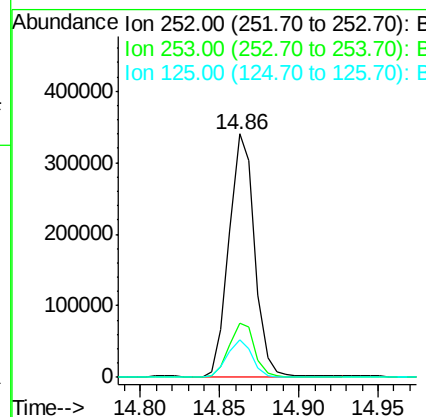
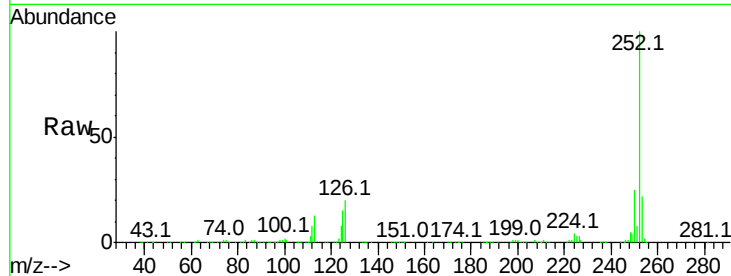
#89
Benzo(a)pyrene
Concen: 33.457 ng
RT: 14.86 min Scan# 2206
Delta R.T. -0.06 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.4	11.0	16.4

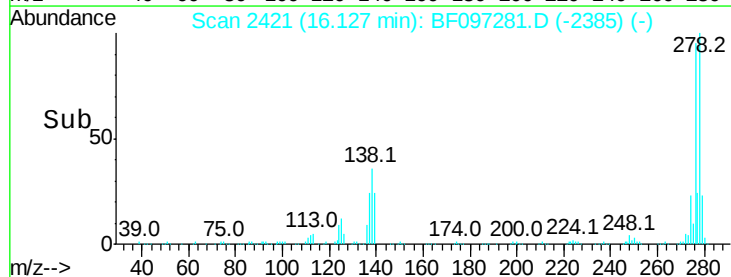
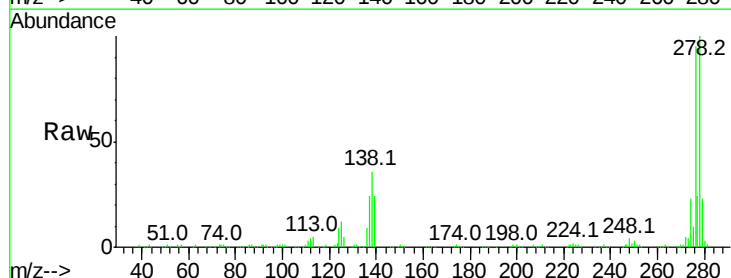
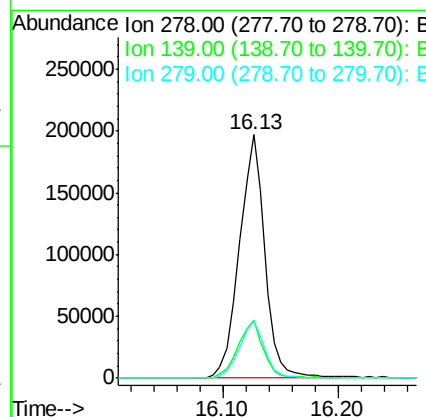
Manual Integrations
APPROVED

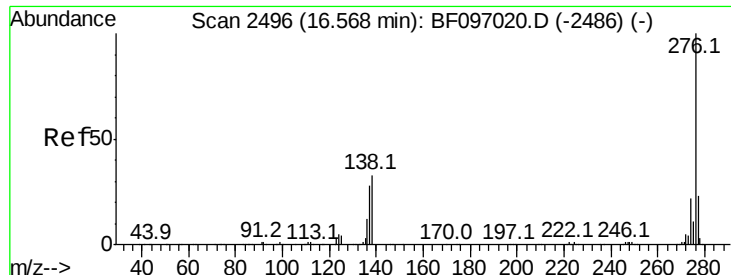
Sohil
8/3/2017 6:08:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.014 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.09 min
Lab File: BF097281.D
Acq: 2 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.6	24.8
279	23.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 34.163 ng

RT: 16.47 min Scan# 2480

Delta R.T. -0.09 min

Lab File: BF097281.D

Acq: 2 Aug 2017 18:52

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tot Ion:	276	Resp:	337954
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.6	28.0
138	32.7	25.4	38.0

Manual Integrations
APPROVED

Sohil
8/3/2017 6:08:07 PM

