

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097975.D
 Acq On : 23 Aug 2017 1:20
 Operator : SJ/JU
 Sample : I4910-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:54 PM

Quant Time: Aug 23 02:26:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	126072	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	494274	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	207585	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	343091	20.00	ng	0.00
75) Chrysene-d12	13.90	240	246408	20.00	ng	0.00
86) Perylene-d12	15.33	264	225571	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	963705	116.27	ng	0.02
7) Phenol-d6	6.39	99	1314509	116.73	ng	0.00
23) Nitrobenzene-d5	7.32	82	835281	91.80	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	191398	106.27	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1160408	82.13	ng	0.00
78) Terphenyl-d14	12.85	244	751994	63.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	150194	32.493	ng	89
3) Pyridine	3.22	79	413486	32.358	ng	86
4) n-Nitrosodimethylamine	3.16	42	169214	34.415	ng	# 78
6) Aniline	6.42	93	381648	24.124	ng	98
8) 2-Chlorophenol	6.54	128	322347	36.878	ng	97
9) Benzaldehyde	6.30	77	215727	30.243	ng	91
10) Phenol	6.41	94	484450	36.782	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	369821	37.202	ng	96
12) 1,3-Dichlorobenzene	6.69	146	329973	35.095	ng	# 94
13) 1,4-Dichlorobenzene	6.77	146	331326	34.649	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	308349	34.971	ng	99
15) Benzyl Alcohol	6.90	79	322447	38.244	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	489665	36.610	ng	90
17) 2-Methylphenol	7.01	107	291072	37.787	ng	95
18) Hexachloroethane	7.26	117	123773	33.014	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	268753	34.862	ng	91
20) 3+4-Methylphenols	7.16	107	338255	35.953	ng	# 89
22) Acetophenone	7.16	105	476929	36.525	ng	# 91
24) Nitrobenzene	7.33	77	414427	40.908	ng	92
25) Isophorone	7.57	82	754204	39.865	ng	97
26) 2-Nitrophenol	7.65	139	116249	33.462	ng	# 80
27) 2,4-Dimethylphenol	7.69	122	298360	37.813	ng	94
28) bis(2-Chloroethoxy)methane	7.79	93	476481	38.308	ng	99
29) 2,4-Dichlorophenol	7.89	162	242854	37.079	ng	92
30) 1,2,4-Trichlorobenzene	7.97	180	264569	36.438	ng	99
31) Naphthalene	8.06	128	1086683	42.349	ng	100
32) Benzoic acid	7.80	122	85897	19.352	ng	86
33) 4-Chloroaniline	8.10	127	203259	18.782	ng	100
34) Hexachlorobutadiene	8.17	225	155304	36.634	ng	99
35) Caprolactam	8.47	113	79164m	35.553	ng	
36) 4-Chloro-3-methylphenol	8.59	107	284377	33.793	ng	# 78
37) 2-Methylnaphthalene	8.75	142	649467	41.283	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	250238	39.279	ng	98
40) Hexachlorocyclopentadiene	8.90	237	78318	25.589	ng	100

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097975.D
 Acq On : 23 Aug 2017 1:20
 Operator : SJ/JU
 Sample : I4910-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

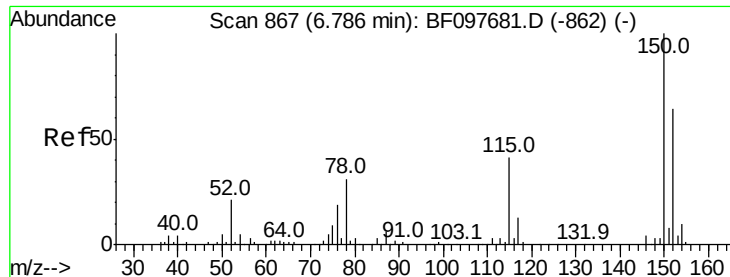
Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:54 PM

Quant Time: Aug 23 02:26:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	152379	35.626	nq	97
43) 2,4,5-Trichlorophenol	9.07	196	144482	34.050	nq	96
45) 1,1'-Biphenyl	9.21	154	724962	38.297	nq	96
46) 2-Chloronaphthalene	9.23	162	516629	36.937	nq	# 91
47) 2-Nitroaniline	9.33	65	208445	44.455	nq	97
48) Acenaphthylene	9.65	152	848659	38.638	nq	100
49) Dimethylphthalate	9.52	163	806949	53.180	nq	100
50) 2,6-Dinitrotoluene	9.57	165	121994	40.277	nq	# 53
51) Acenaphthene	9.82	154	511574	36.930	nq	99
52) 3-Nitroaniline	9.74	138	129402	33.114	nq	81
53) 2,4-Dinitrophenol	9.85	184	7736	14.830	nq	# 79
54) Dibenzofuran	9.99	168	762292	41.060	nq	100
55) 4-Nitrophenol	9.90	139	152817	49.022	nq	# 32
56) 2,4-Dinitrotoluene	9.97	165	150074	39.482	nq	# 48
57) Fluorene	10.33	166	570528	39.747	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	112443	34.227	nq	93
59) Diethylphthalate	10.22	149	656416	41.367	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	255473	38.311	nq	89
61) 4-Nitroaniline	10.35	138	134641	36.251	nq	# 69
62) Azobenzene	10.49	77	738821	39.198	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	7182	11.993	nq	91
65) n-Nitrosodiphenylamine	10.45	169	487941	41.764	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	151752	42.594	nq	98
67) Hexachlorobenzene	10.88	284	140704	38.746	nq	# 86
68) Atrazine	10.97	200	133551	43.103	nq	96
69) Pentachlorophenol	11.07	266	108410	51.202	nq	97
70) Phenanthrene	11.29	178	864151	47.267	nq	99
71) Anthracene	11.35	178	769380	41.491	nq	99
72) Carbazole	11.50	167	642324	36.493	nq	98
73) Di-n-butylphthalate	11.83	149	940934	46.410	nq	99
74) Fluoranthene	12.48	202	840088	44.024	nq	99
76) Benzidine	12.60	184	266028	32.928	nq	# 91
77) Pyrene	12.71	202	867301	43.035	nq	98
79) Butylbenzylphthalate	13.33	149	335972	43.481	nq	# 70
80) Benzo(a)anthracene	13.89	228	639407	43.296	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	160638	32.235	nq	# 96
82) Chrysene	13.93	228	624040	42.478	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	410882	47.988	nq	# 99
84) Di-n-octyl phthalate	14.50	149	802447	53.863	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	477184	44.154	nq	93
87) Benzo(b)fluoranthene	14.92	252	652521	45.893	nq	99
88) Benzo(k)fluoranthene	14.95	252	568809m	42.581	nq	
89) Benzo(a)pyrene	15.27	252	594457	47.227	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	377197m	36.809	nq	
91) Benzo(g,h,i)perylene	17.13	276	387248	36.217	nq	94

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



#1

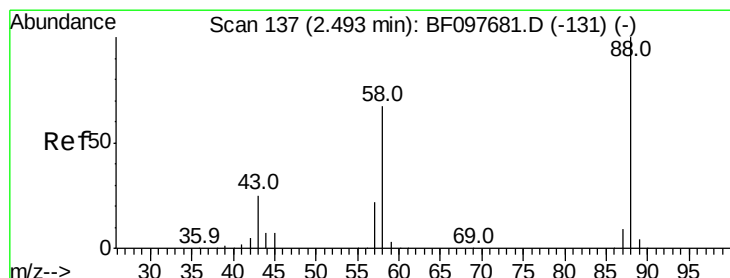
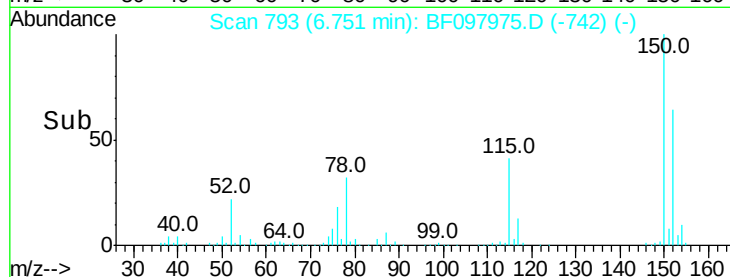
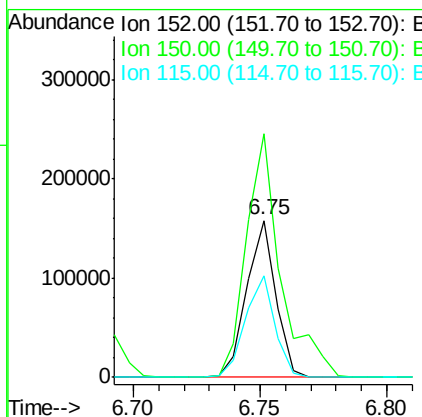
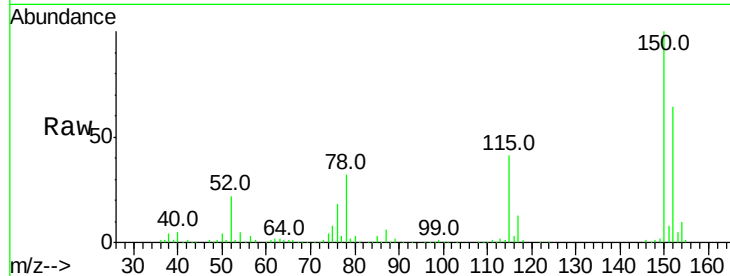
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	64.3	52.2	78.2

Manual Integrations
APPROVED

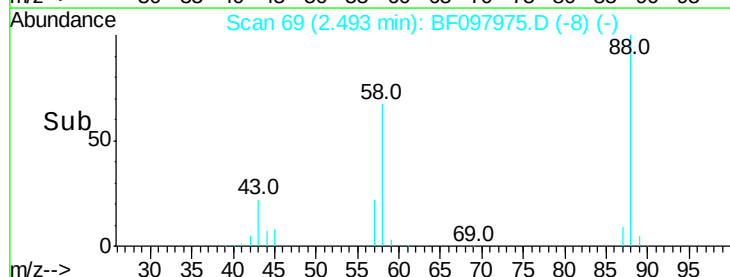
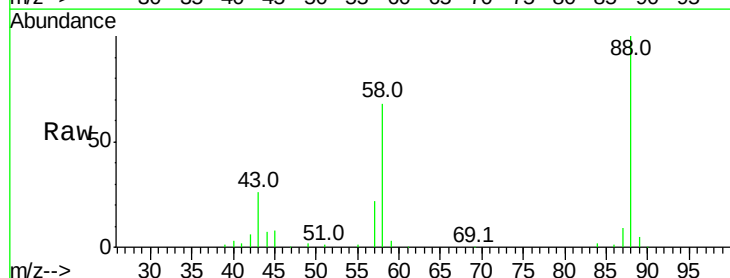
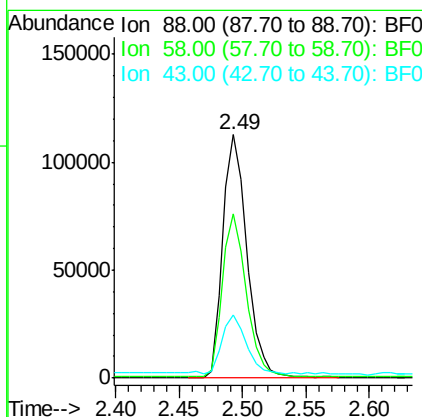
Sohil
8/23/2017 3:03:54 PM

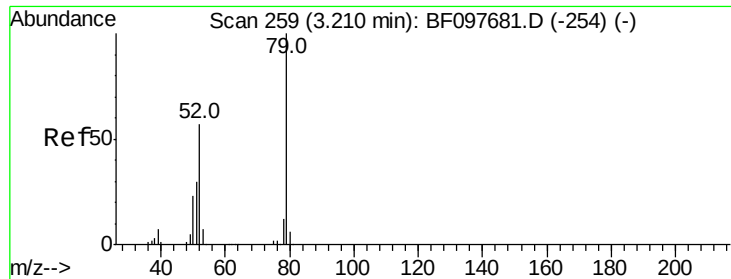


#2

1,4-Dioxane
Concen: 32.493 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	61.4	92.0
43	25.9	23.4	35.0





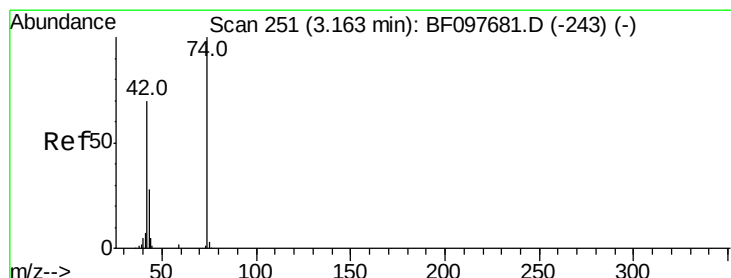
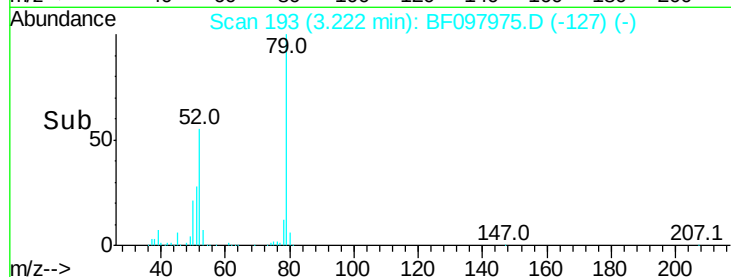
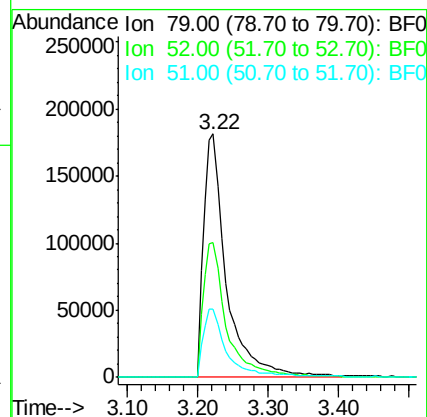
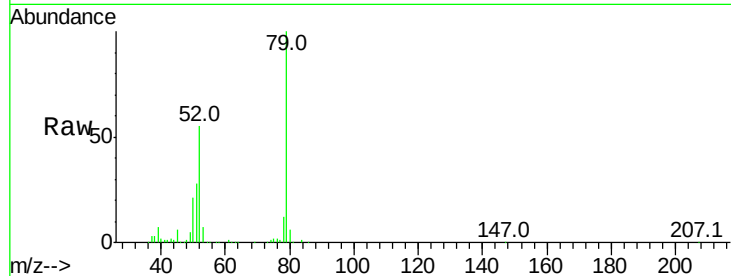
#3
Pvrindine
Concen: 32.358 ng
RT: 3.22 min Scan# 193
Delta R.T. 0.09 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.1	54.8	82.2
51	27.9	27.0	40.4

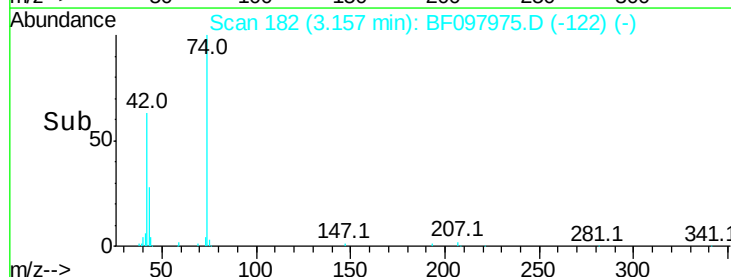
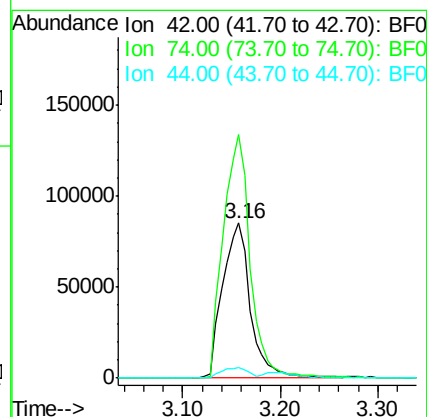
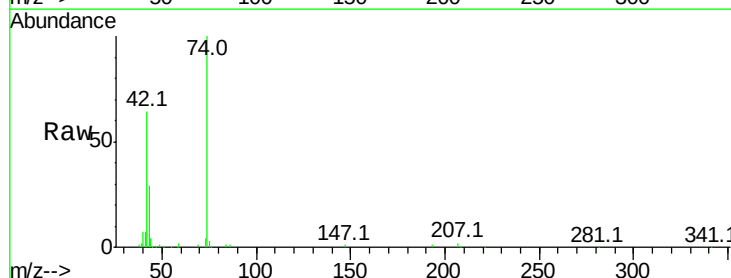
Manual Integrations
APPROVED

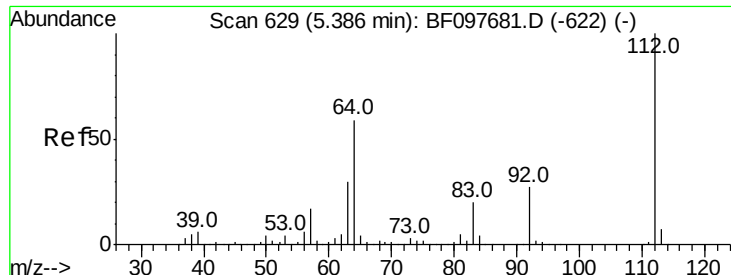
Sohil
8/23/2017 3:03:54 PM



#4
n-Nitrosodimethylamine
Concen: 34.415 ng
RT: 3.16 min Scan# 182
Delta R.T. 0.05 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.1	103.9	155.9#
44	6.7	5.7	8.5





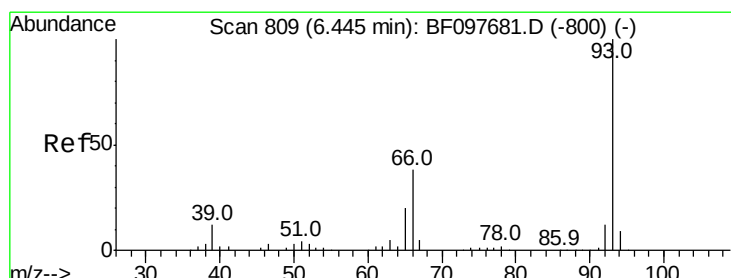
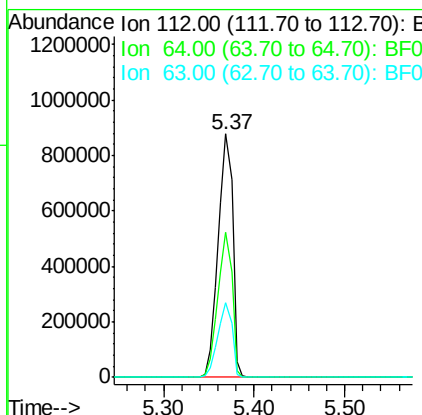
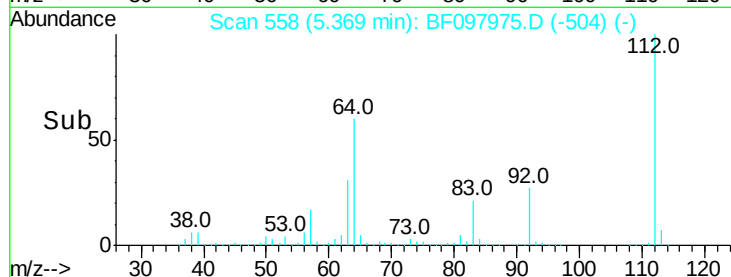
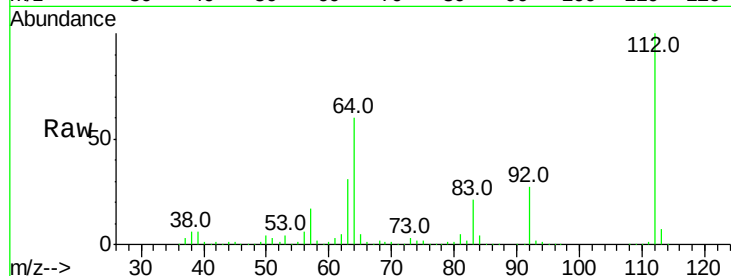
#5
 2-Fluorophenol
 Concen: 116.272 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

Tot Ion:	112	Resp:	963705
Ion Ratio	Lower	Upper	
112	100		
64	59.6	46.0	69.0
63	30.8	23.4	35.0

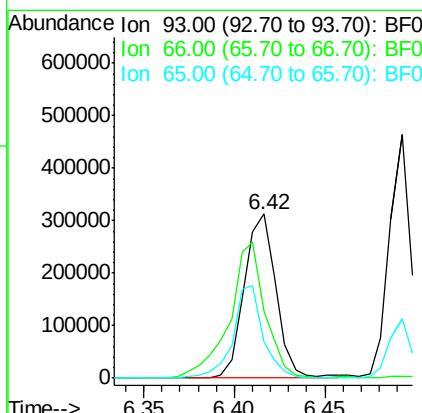
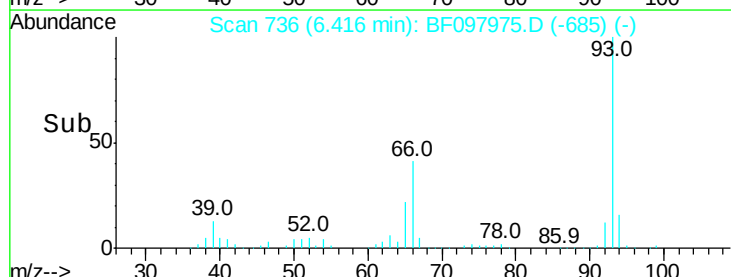
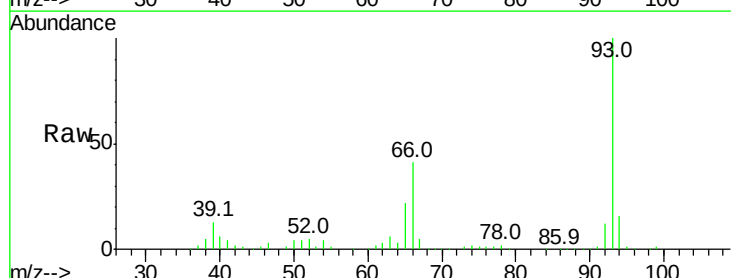
Manual Integrations
 APPROVED

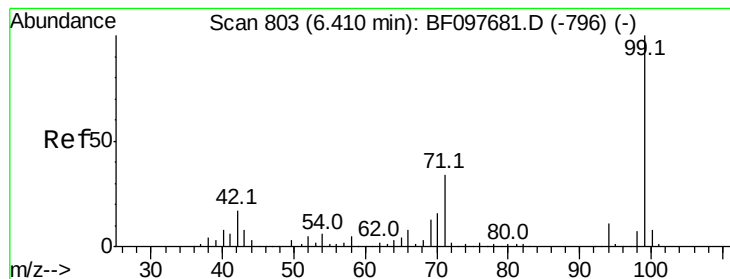
Sohil
 8/23/2017 3:03:54 PM



#6
 Aniline
 Concen: 24.124 ng
 RT: 6.42 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:	93	Resp:	381648
Ion Ratio	Lower	Upper	
93	100		
66	40.8	32.9	49.3
65	21.8	16.0	24.0





#7

Phenol-d6

Concen: 116.726 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

Tot Ion: 99 Resp: 1314509

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

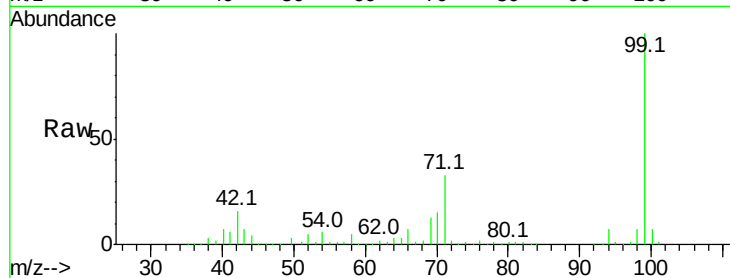
71 32.9 24.5 36.7

Manual Integrations

APPROVED

Sohil

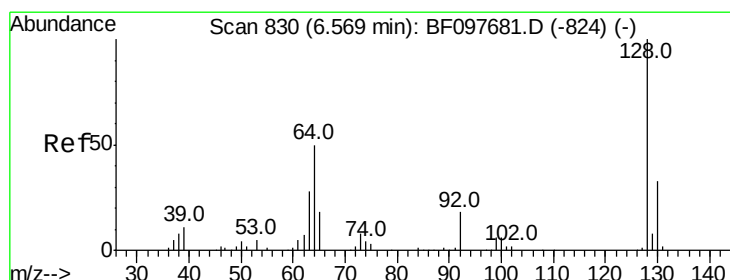
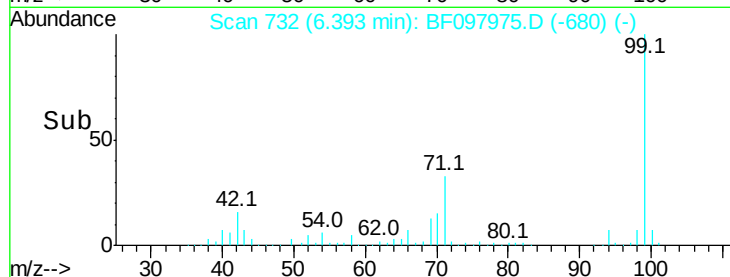
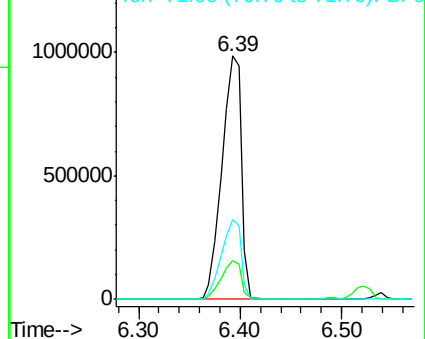
8/23/2017 3:03:54 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.878 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

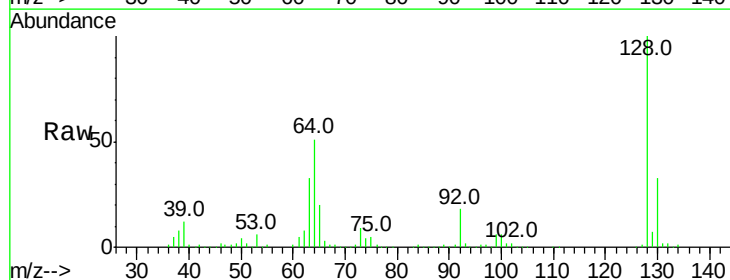
Tgt Ion:128 Resp: 322347

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

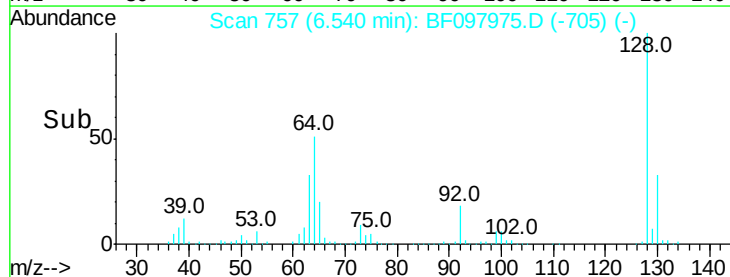
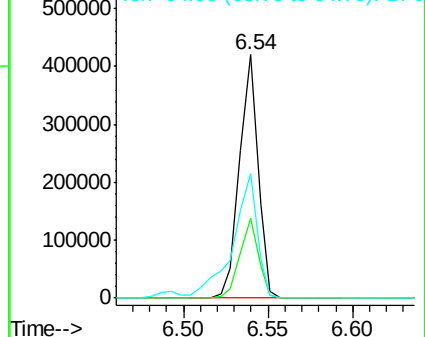
64 51.4 28.4 68.4

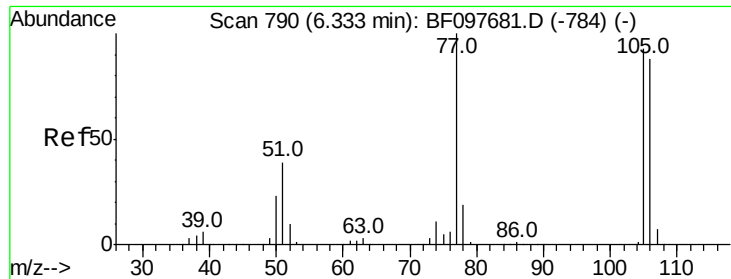


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.243 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

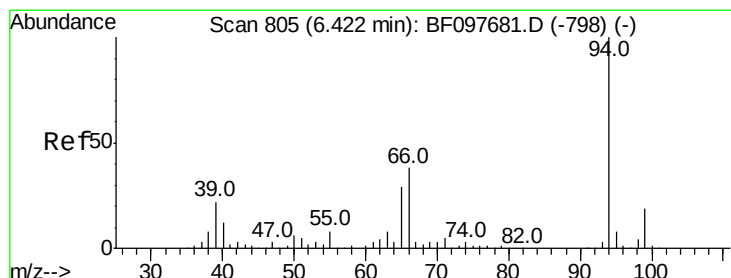
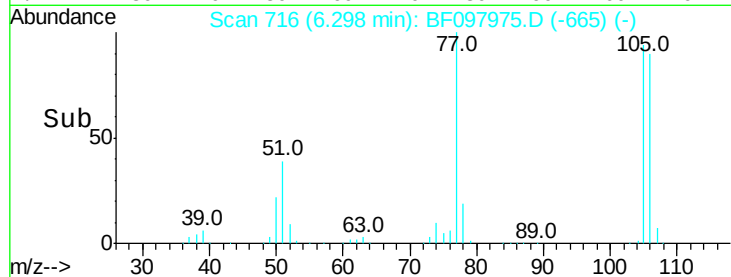
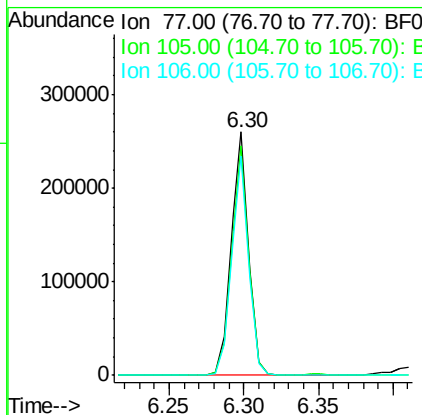
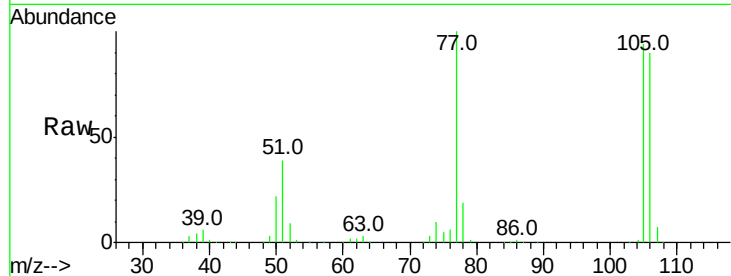
ClientSampleId :

SP-5-6MS

Tot Ion:	77	Resp:	215727
Ion Ratio	Lower	Upper	
77	100		
105	94.1	83.8	123.8
106	90.1	79.1	119.1

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#10

Phenol

Concen: 36.782 ng

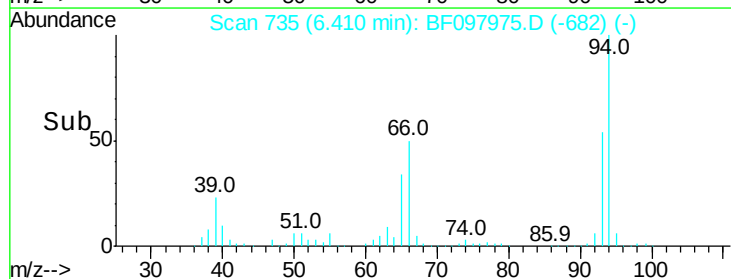
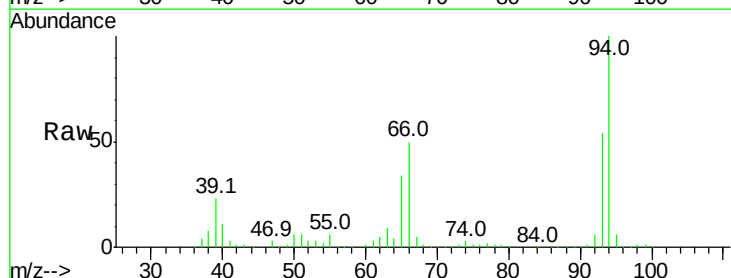
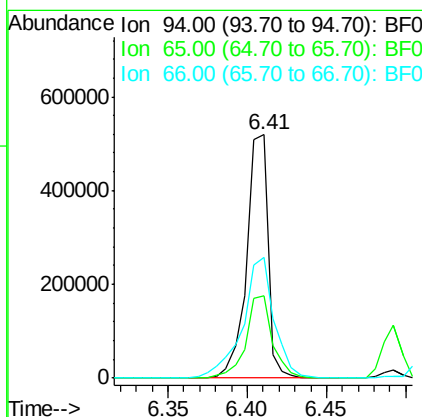
RT: 6.41 min Scan# 735

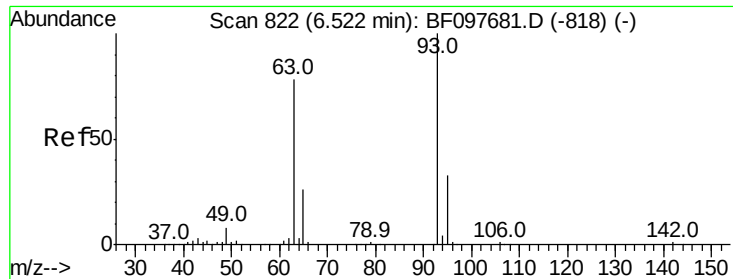
Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:	94	Resp:	484450
Ion Ratio	Lower	Upper	
94	100		
65	33.9	9.9	49.9
66	49.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.202 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

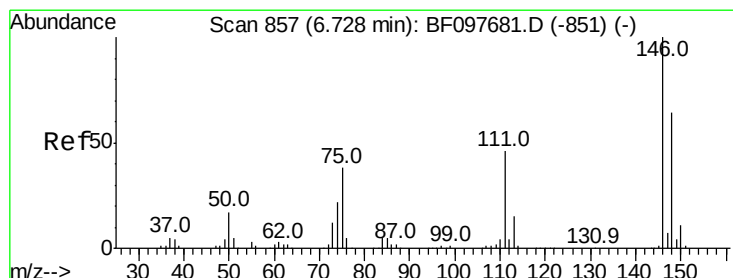
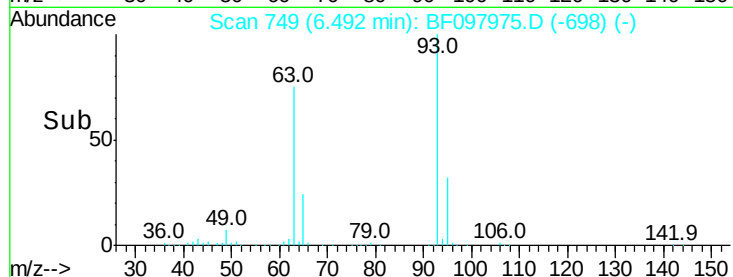
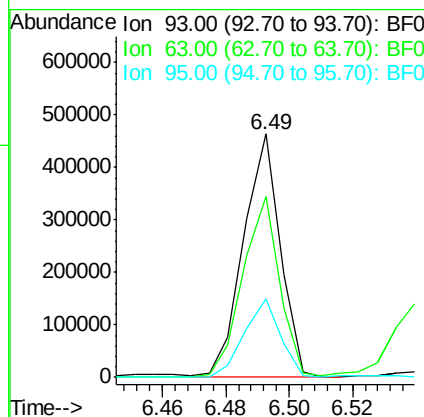
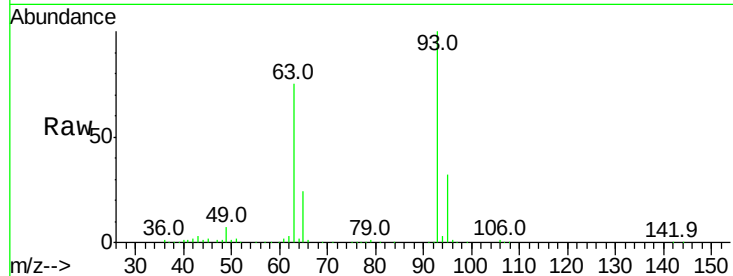
ClientSampleId :

SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	369821		
63	74.5	59.2	99.2	
95	32.3	12.8	52.8	

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#12

1,3-Dichlorobenzene

Concen: 35.095 ng

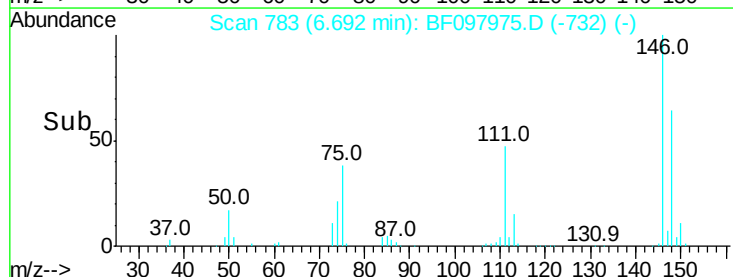
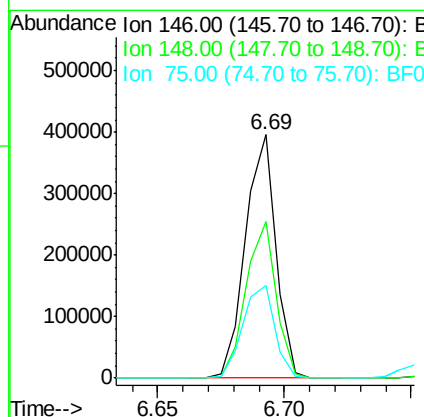
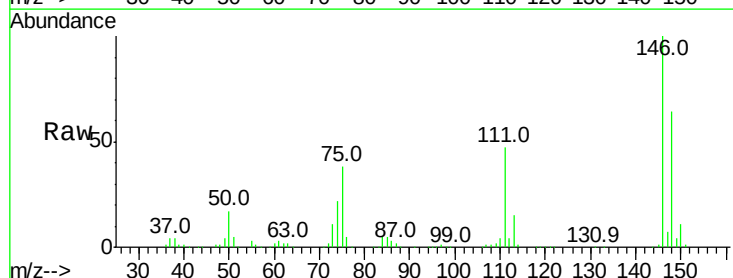
RT: 6.69 min Scan# 783

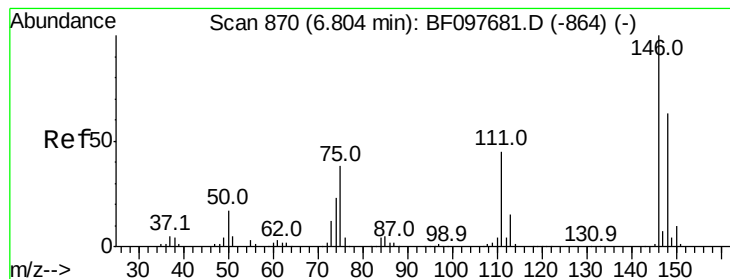
Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	329973		
148	64.1	51.8	77.6	
75	38.2	23.1	34.7#	





#13

1,4-Dichlorobenzene

Concen: 34.649 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

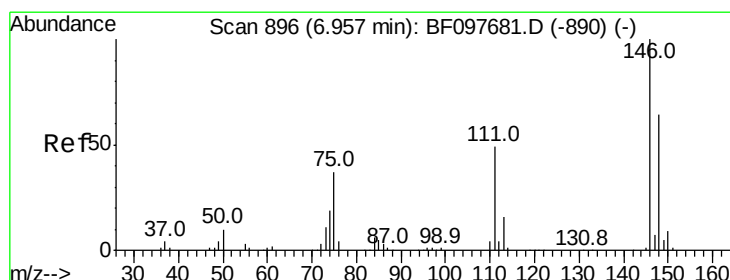
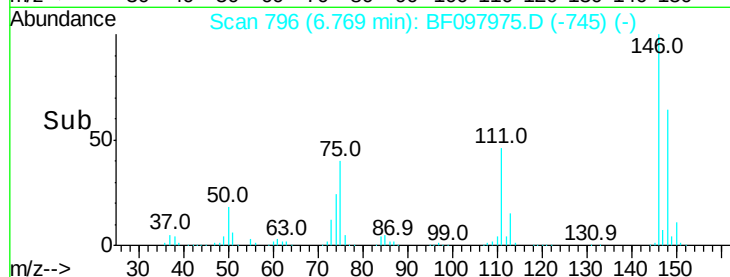
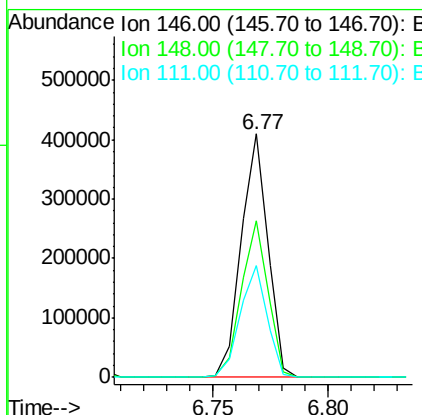
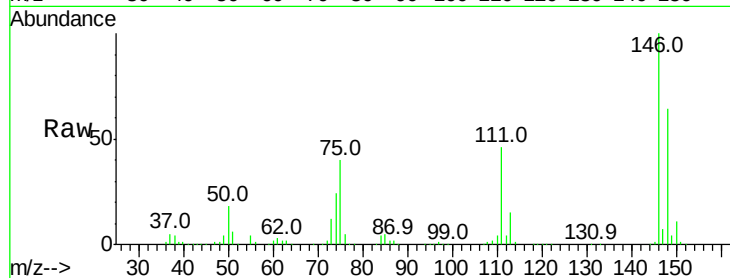
ClientSampled :

SP-5-6MS

Tot Ion:	146	Resp:	331326
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	46.0	30.3	45.5#

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#14

1,2-Dichlorobenzene

Concen: 34.971 ng

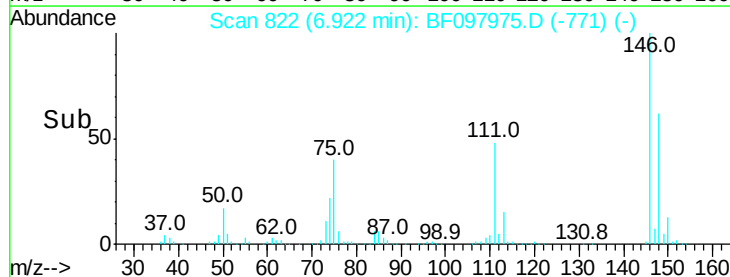
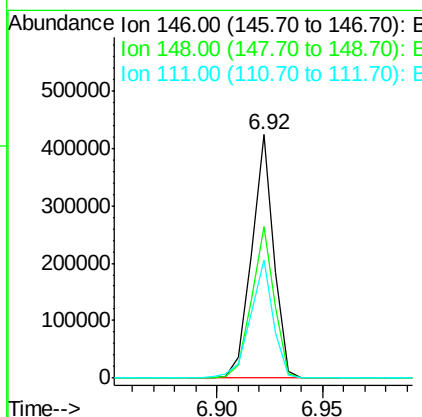
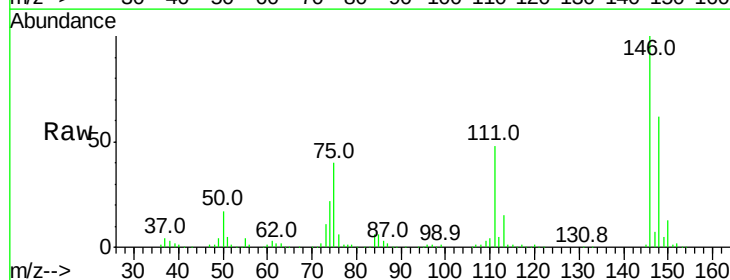
RT: 6.92 min Scan# 822

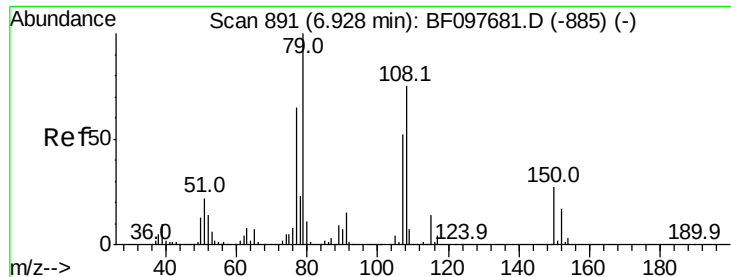
Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:	146	Resp:	308349
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.4	75.6
111	48.4	38.2	57.4





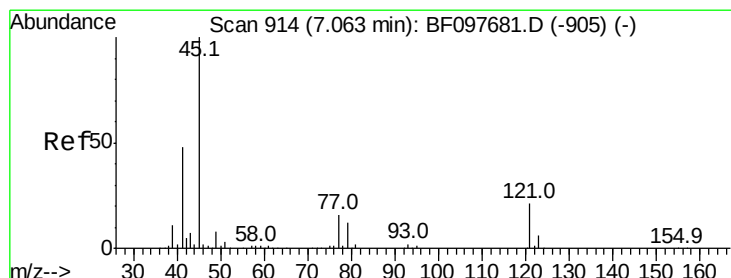
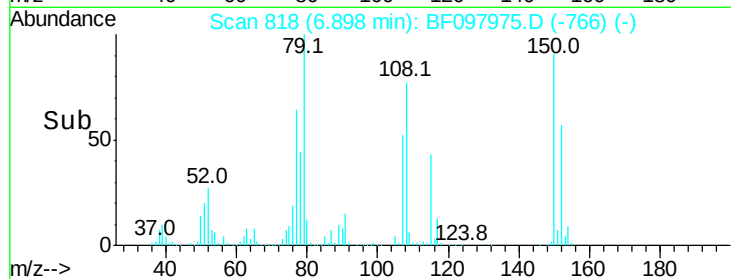
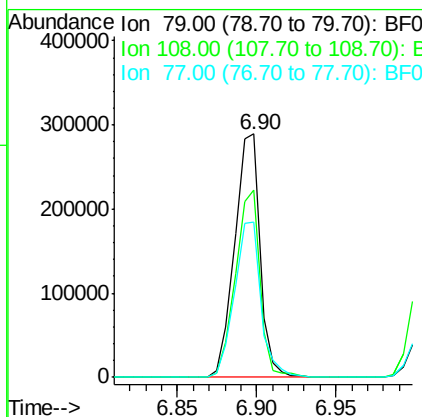
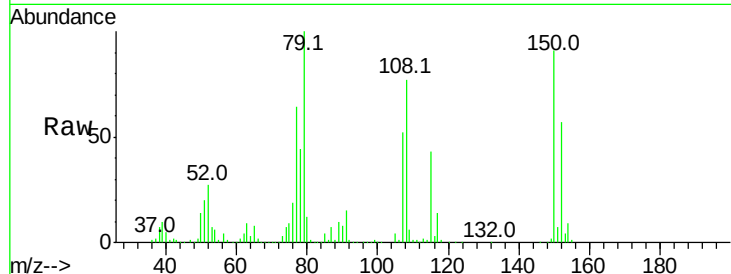
#15
Benzyl Alcohol
Concen: 38.244 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	322447		
108	76.9	63.4	95.0	
77	63.8	49.2	73.8	

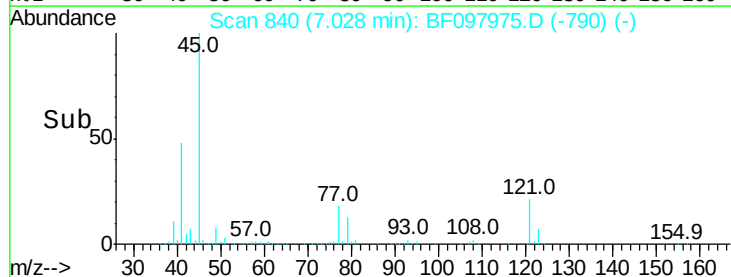
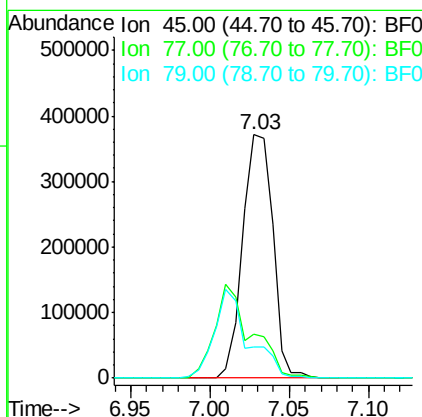
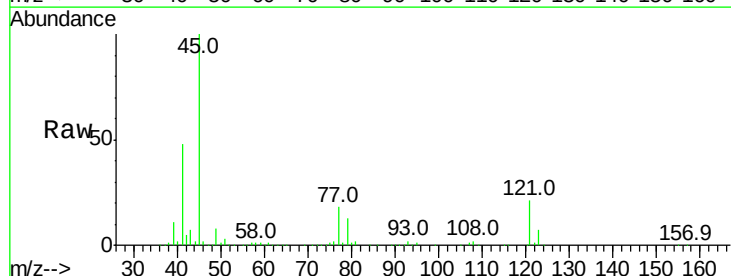
Manual Integrations
APPROVED

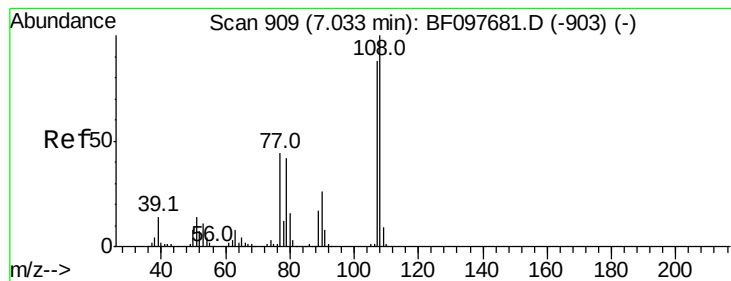
Sohil
8/23/2017 3:03:54 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.610 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	489665		
77	17.9	0.0	33.2	
79	13.0	0.0	30.0	





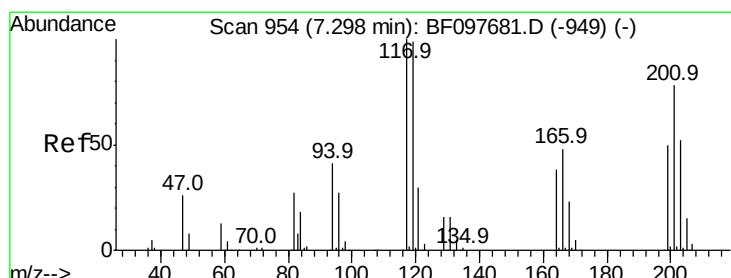
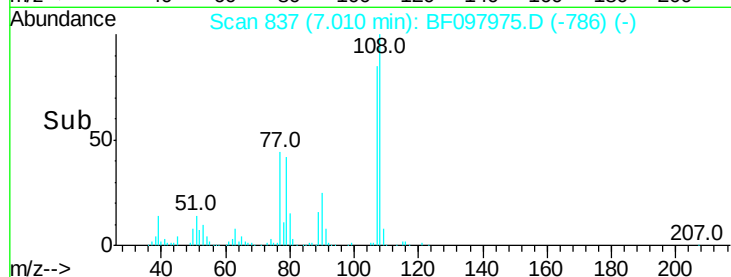
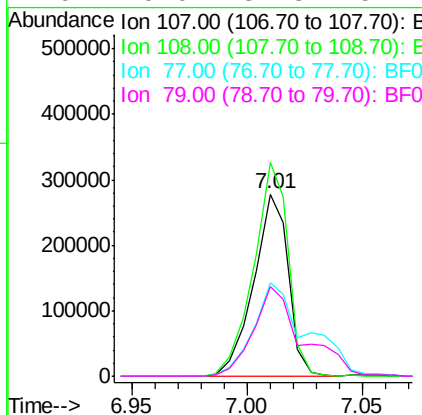
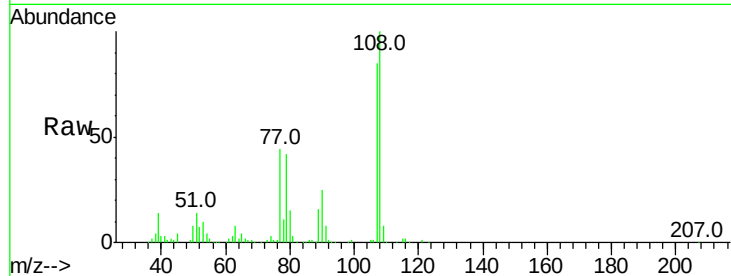
#17
2-Methylphenol
Concen: 37.787 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampled :
SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.5	93.4	140.0	
77	51.6	35.8	53.6	
79	49.0	34.8	52.2	

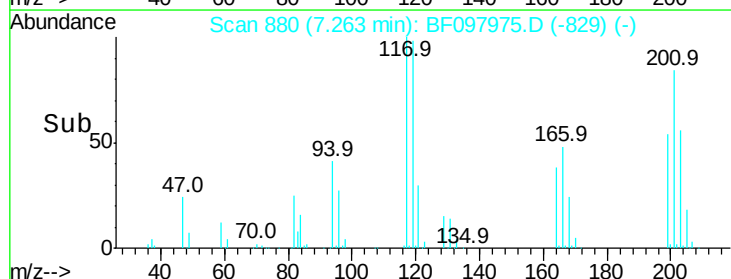
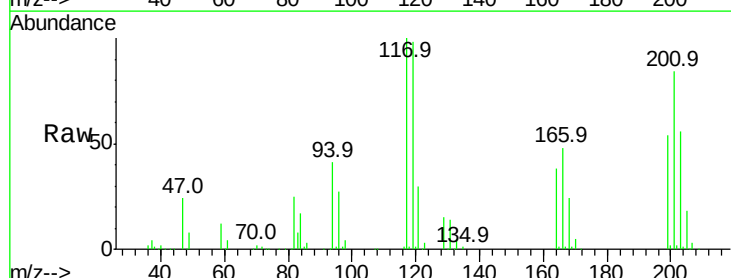
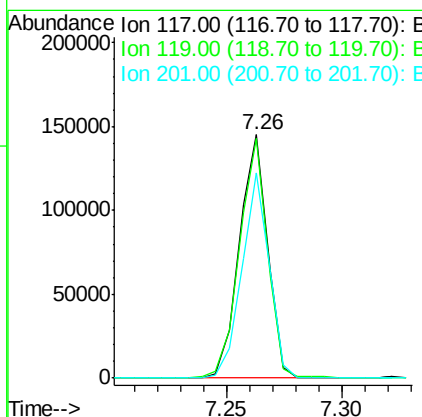
Manual Integrations
APPROVED

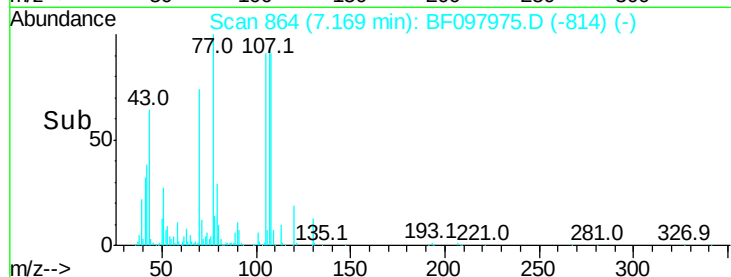
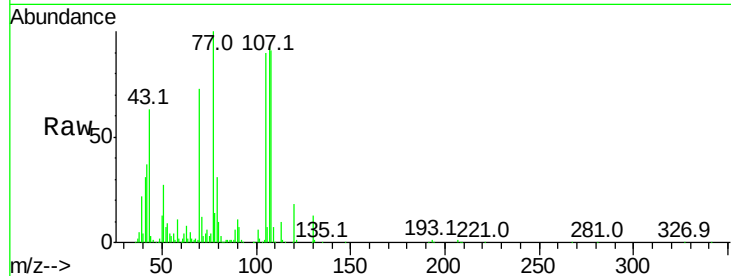
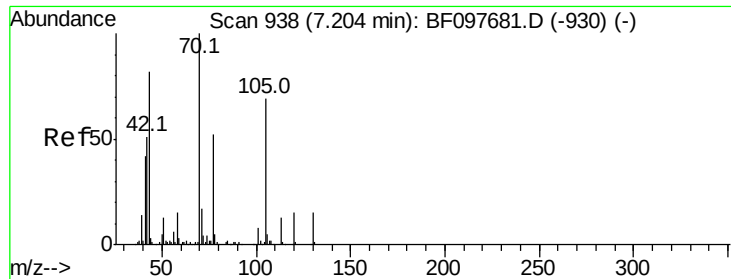
Sohil
8/23/2017 3:03:54 PM



#18
Hexachloroethane
Concen: 33.014 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	77.4	116.0	
201	84.1	94.6	141.8#	





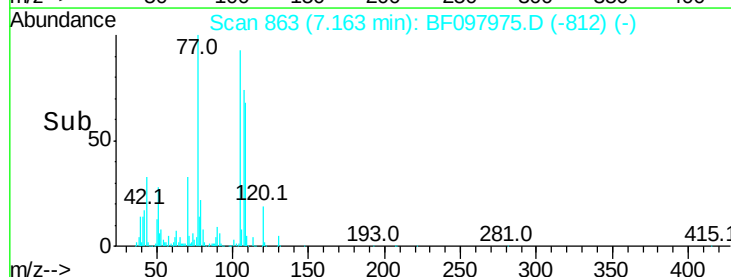
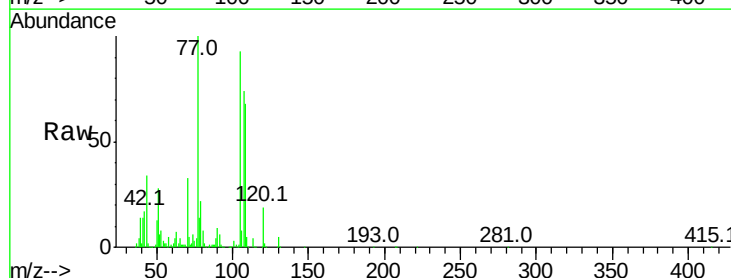
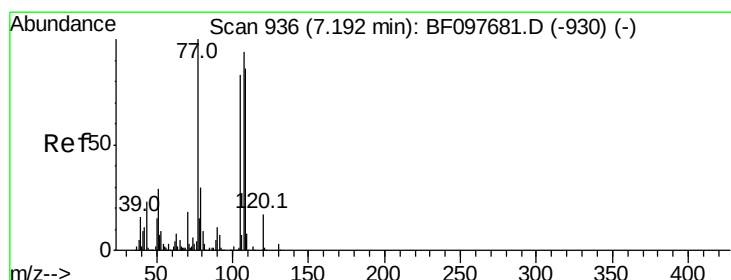
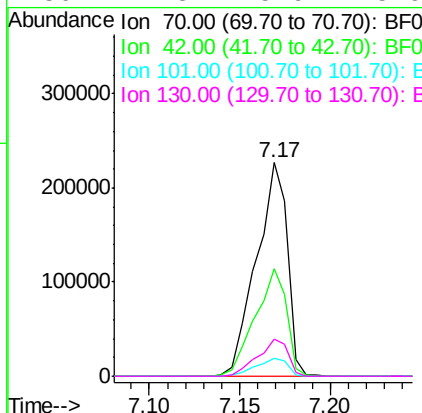
#19
n-Nitroso-di-n-propylamine
Concen: 34.862 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.5	47.2	70.8		
101	8.7	7.2	10.8		
130	17.3	15.9	23.9		

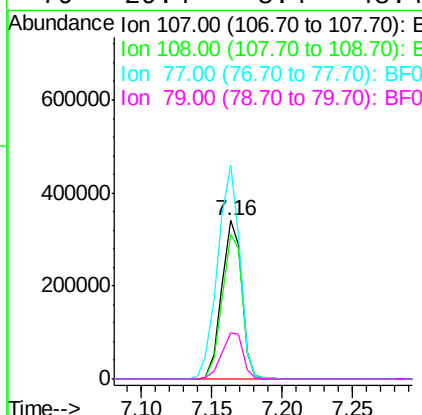
Manual Integrations
APPROVED

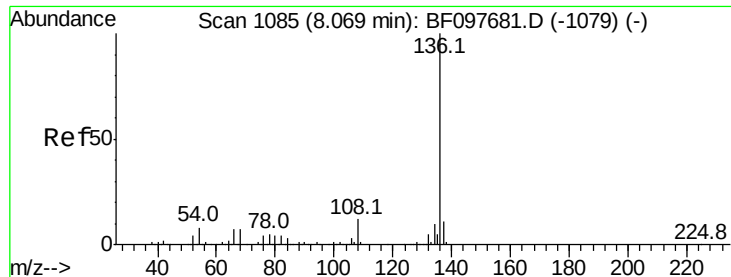
Sohil
8/23/2017 3:03:54 PM



#20
3+4-Methylphenols
Concen: 35.953 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.1	71.0	111.0		
77	134.8	90.5	130.5#		
79	29.4	8.4	48.4		





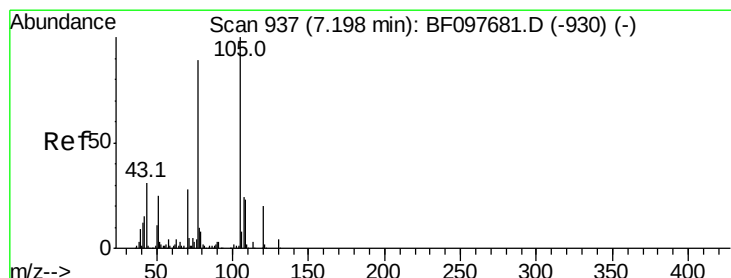
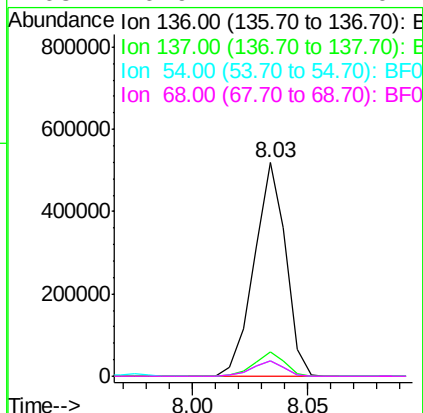
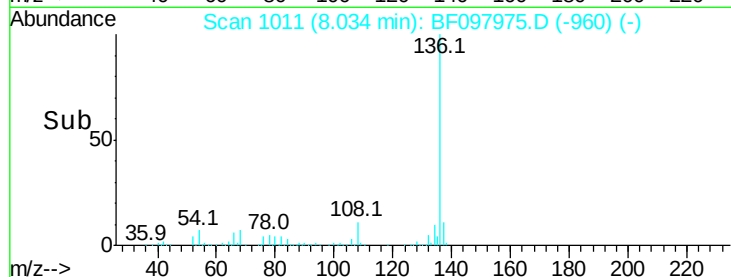
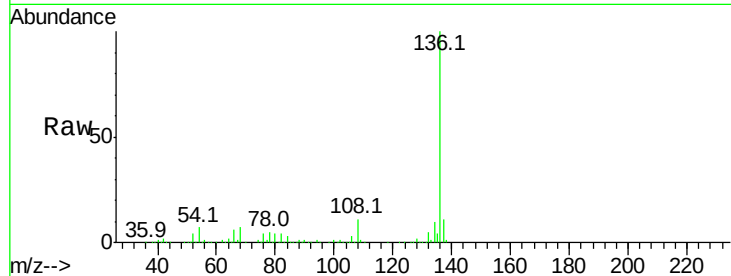
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	7.4	4.9	7.3#	
68	6.9	4.1	6.1#	

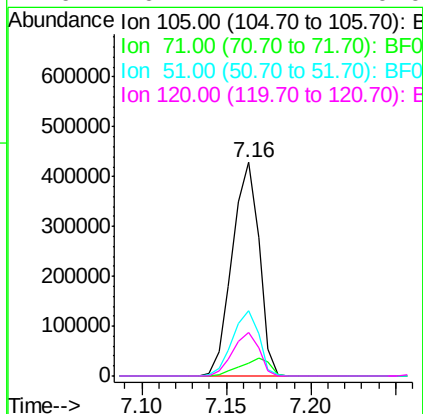
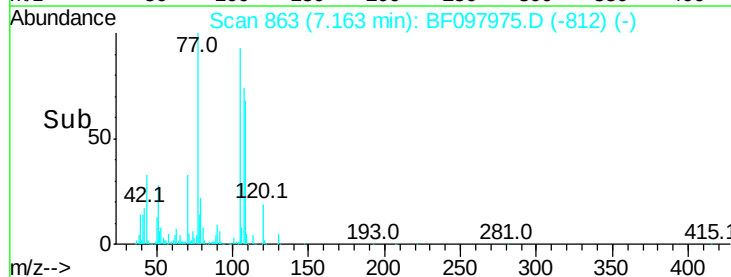
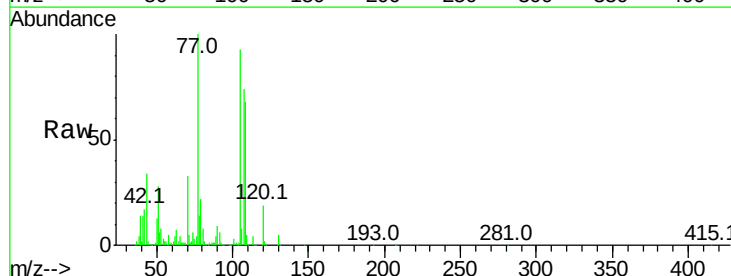
Manual Integrations
APPROVED

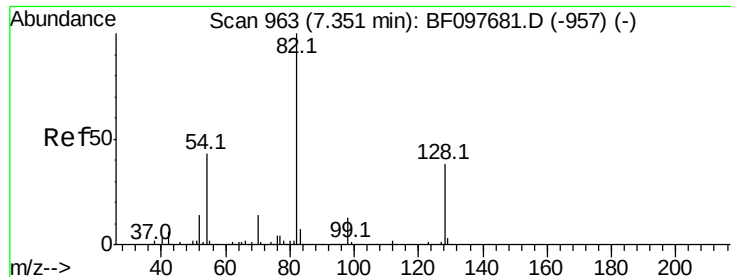
Sohil
8/23/2017 3:03:54 PM



#22
Acetophenone
Concen: 36.525 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	2.8	4.2#	
51	30.5	30.7	46.1#	
120	20.4	17.4	26.0	





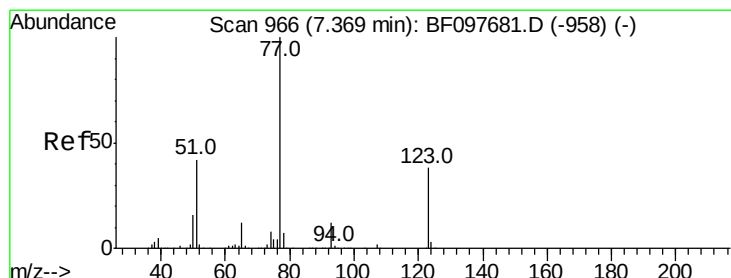
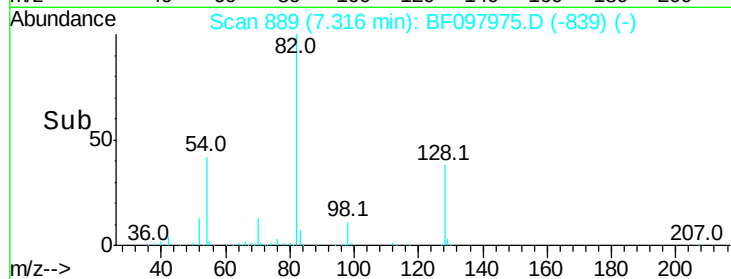
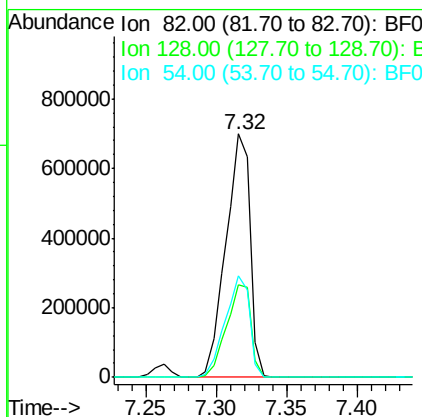
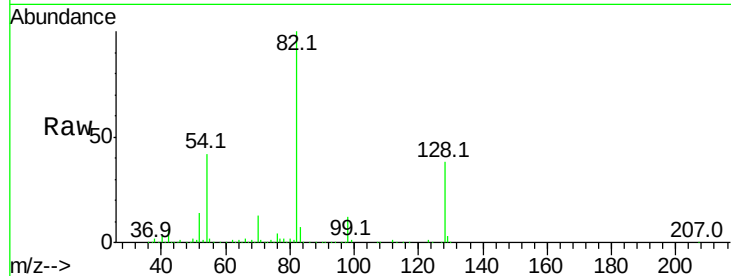
#23
 Nitrobenzene-d5
 Concen: 91.804 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.9	34.0	51.0	
54	41.7	42.2	63.2	

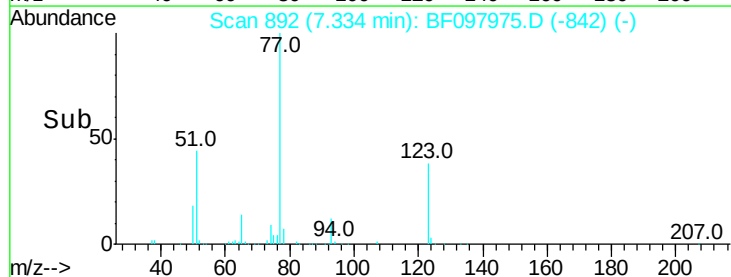
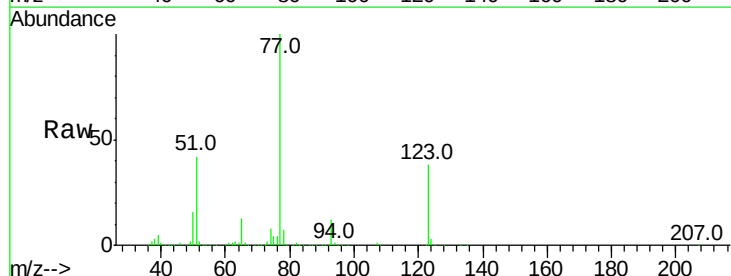
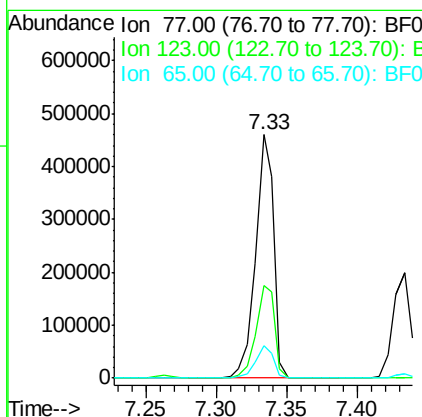
Manual Integrations
 APPROVED

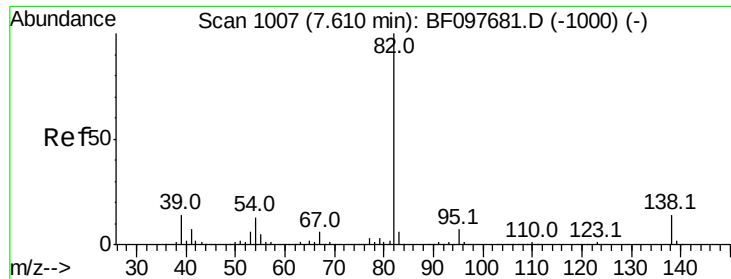
Sohil
 8/23/2017 3:03:54 PM



#24
 Nitrobenzene
 Concen: 40.908 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.1	35.8	53.8	
65	13.1	10.6	15.8	





#25

Isophorone

Concen: 39.865 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

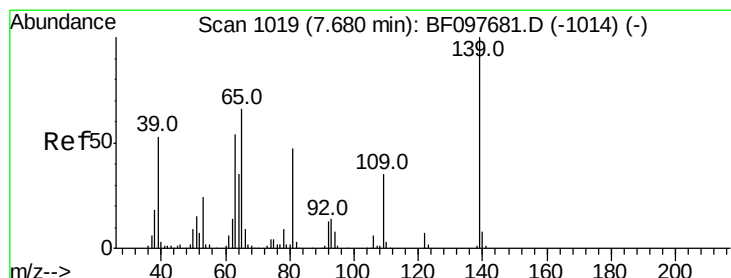
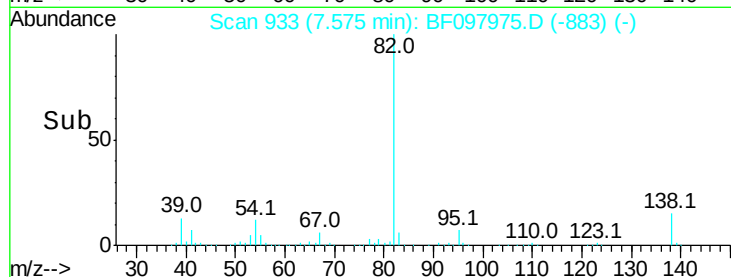
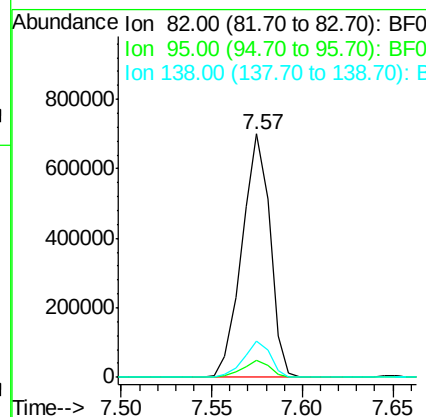
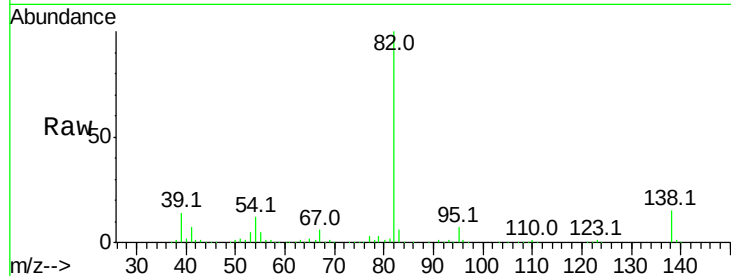
ClientSampleId :

SP-5-6MS

Tot Ion	82	Resp	754204
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	14.8	13.1	19.7

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#26

2-Nitrophenol

Concen: 33.462 ng

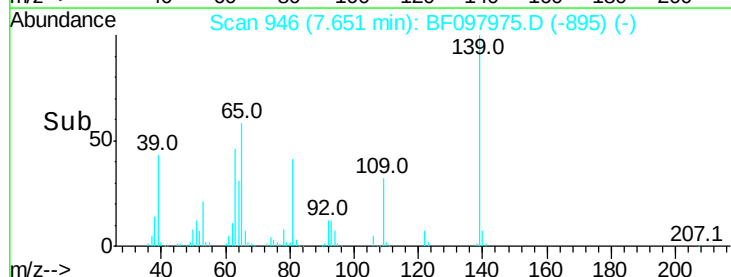
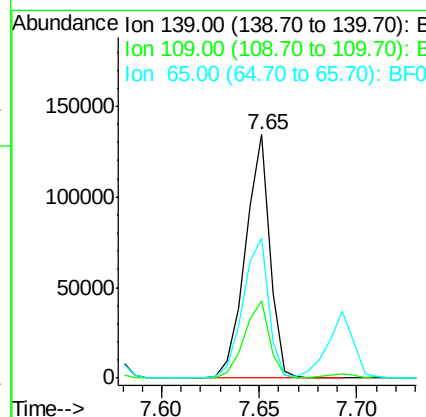
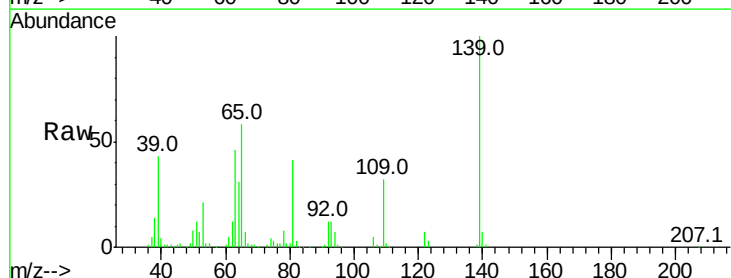
RT: 7.65 min Scan# 946

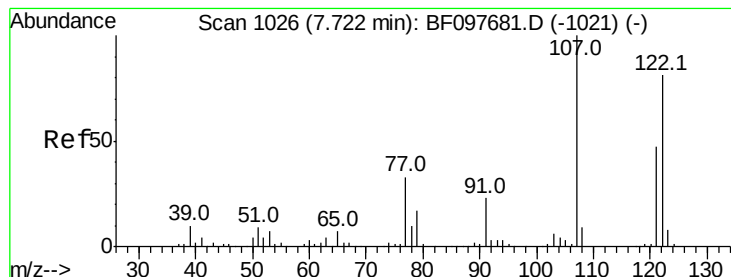
Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion	139	Resp	116249
Ion Ratio	Lower	Upper	
139	100		
109	31.9	21.0	31.6#
65	57.5	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 37.813 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

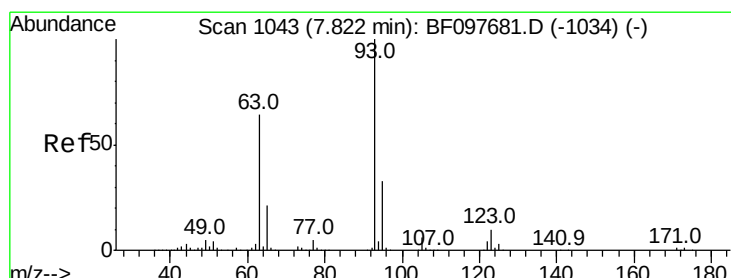
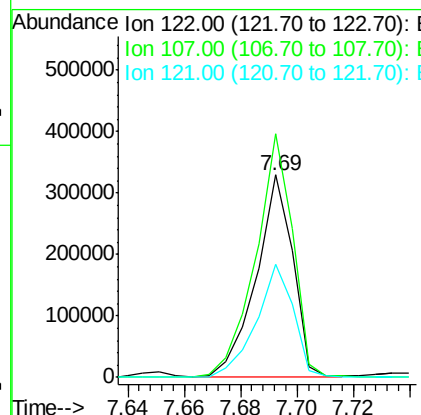
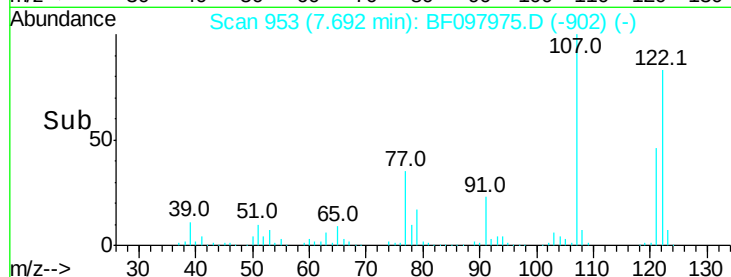
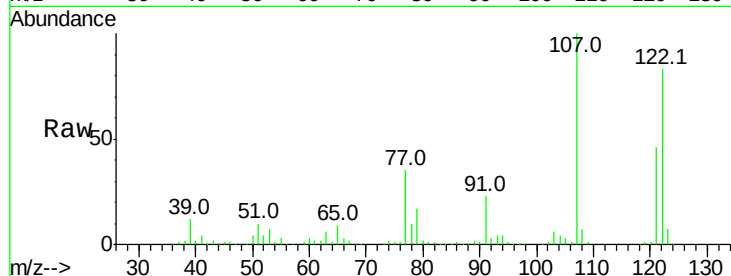
ClientSampled :

SP-5-6MS

Tot Ion:	122	Resp:	298360
Ion Ratio	Lower	Upper	
122	100		
107	120.5	89.2	133.8
121	56.0	45.2	67.8

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.308 ng

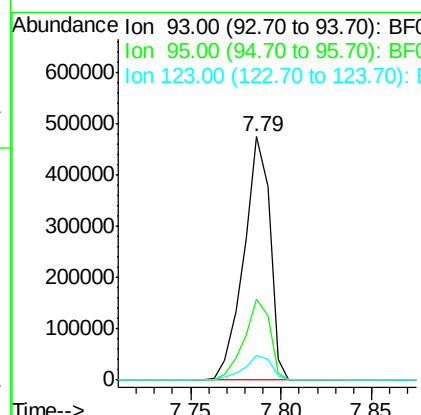
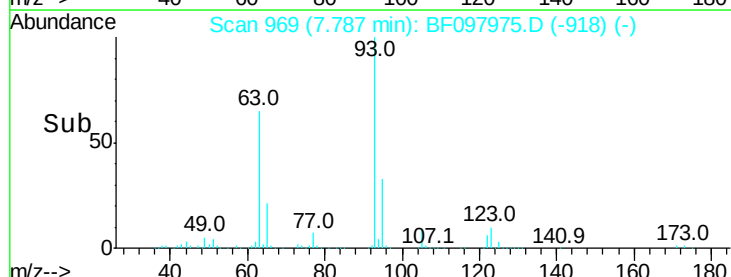
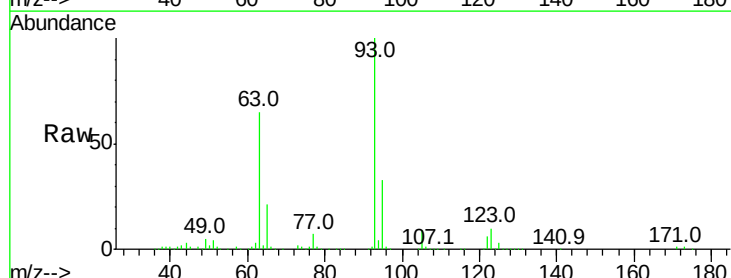
RT: 7.79 min Scan# 969

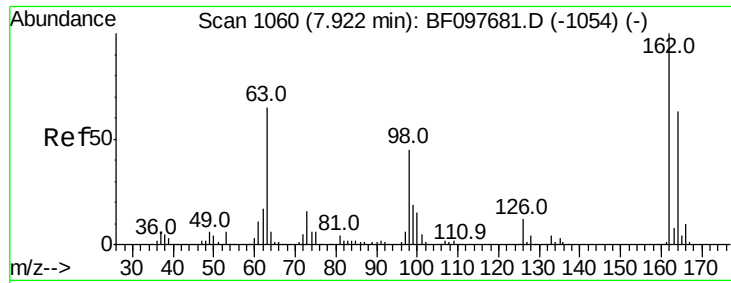
Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:	93	Resp:	476481
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	9.9	9.0	13.4





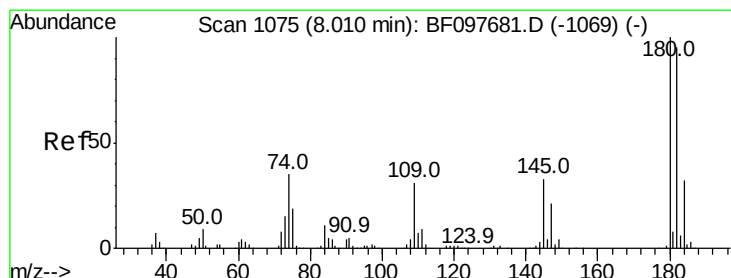
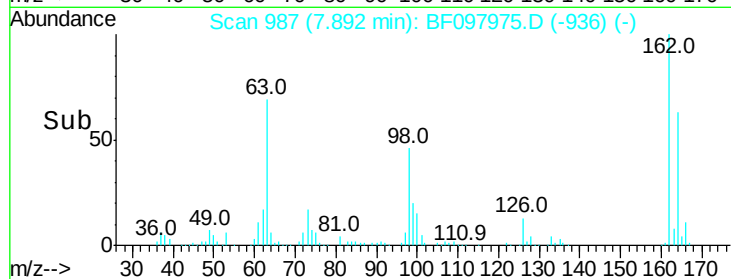
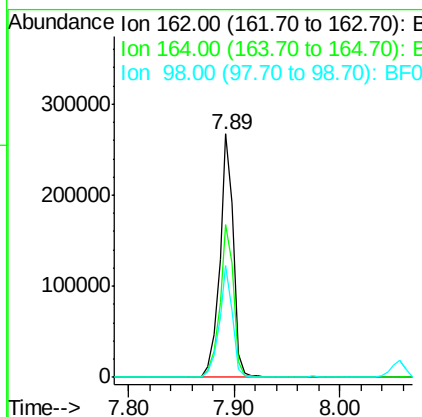
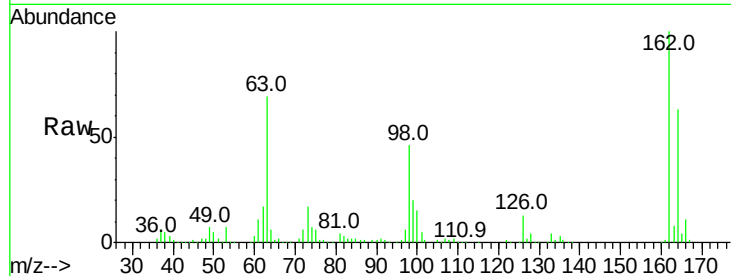
#29
 2,4-Dichlorophenol
 Concen: 37.079 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

Tot Ion:	162	Resp:	242854
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.6	84.6
98	45.8	14.8	54.8

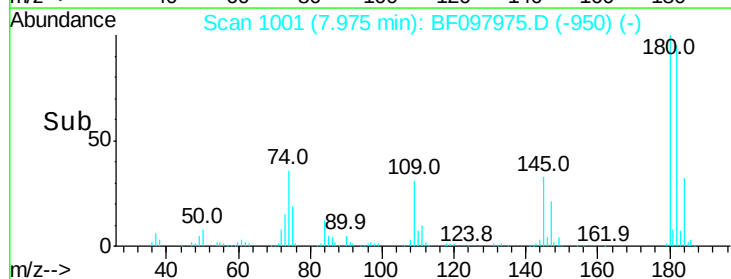
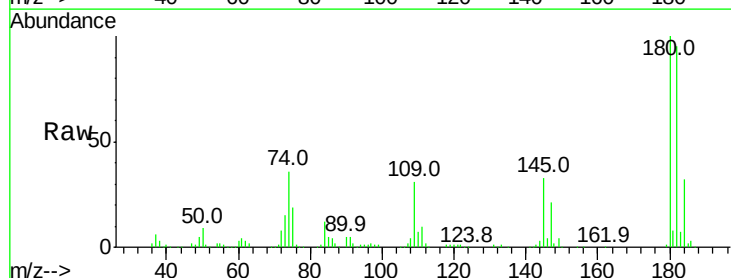
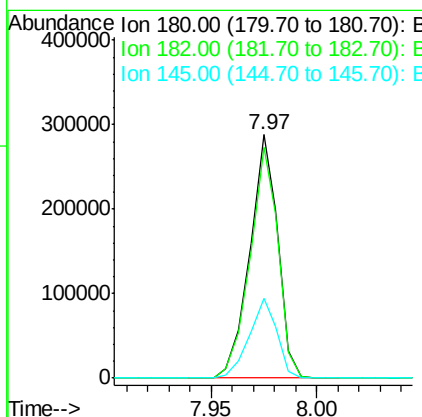
Manual Integrations
 APPROVED

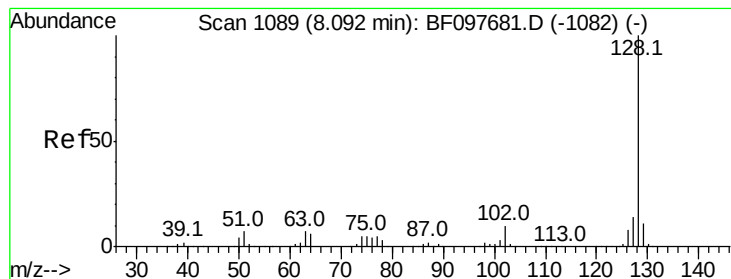
Sohil
 8/23/2017 3:03:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.438 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:	180	Resp:	264569
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.8	113.6
145	32.9	25.3	37.9





#31

Naphthalene

Concen: 42.349 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

Tot Ion:128 Resp: 1086683

Ion Ratio Lower Upper

128 100

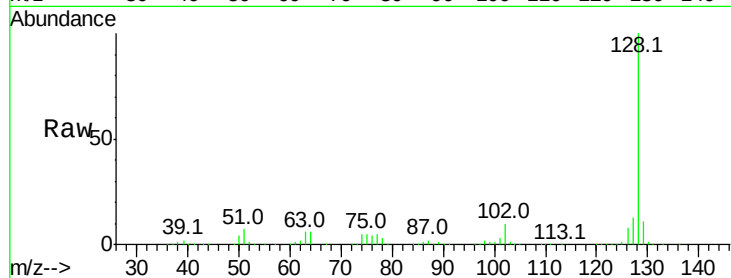
129 11.3 9.0 13.6

127 13.5 10.8 16.2

Manual Integrations
APPROVED

Sohil

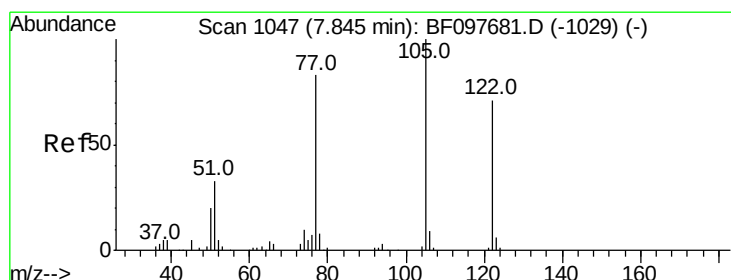
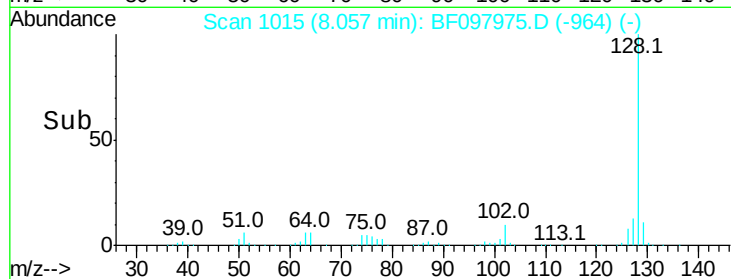
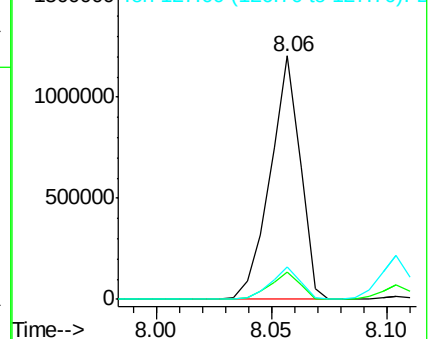
8/23/2017 3:03:54 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.352 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.04 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

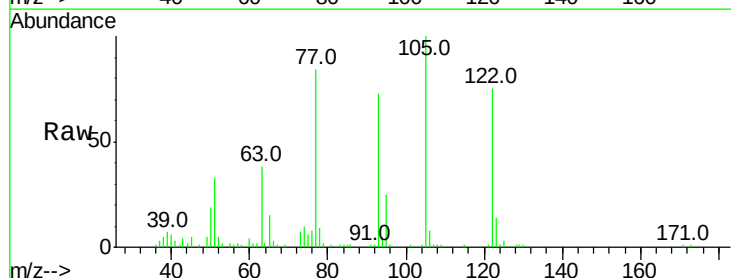
Tgt Ion:122 Resp: 85897

Ion Ratio Lower Upper

122 100

105 133.9 103.3 143.3

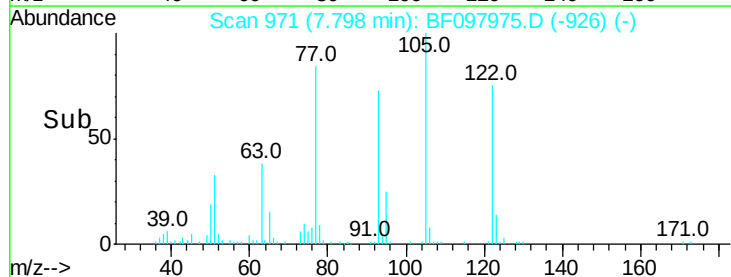
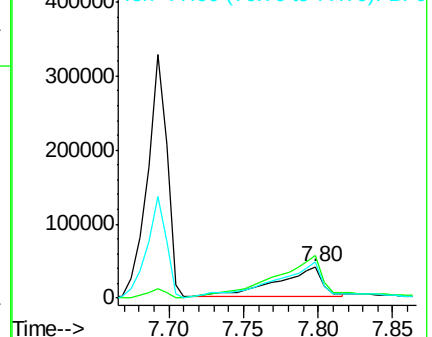
77 112.8 73.7 113.7

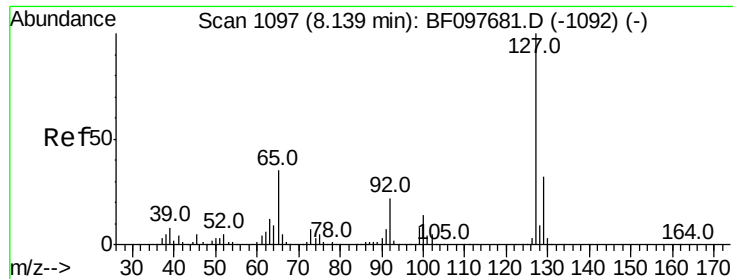


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





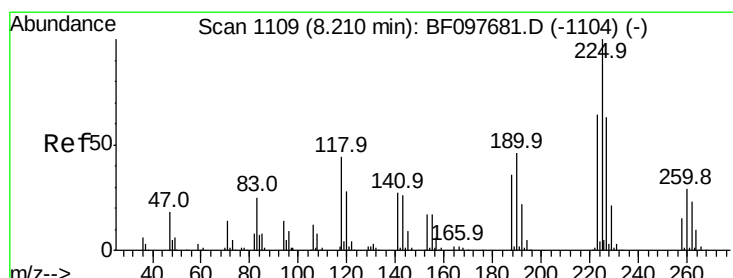
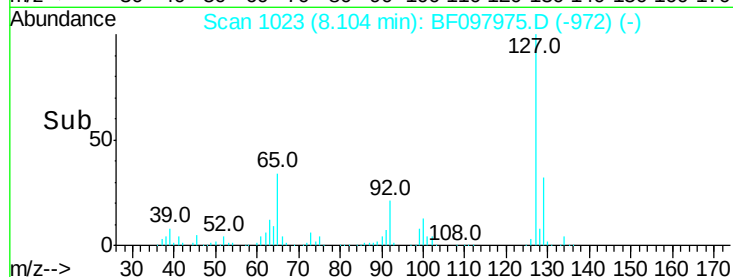
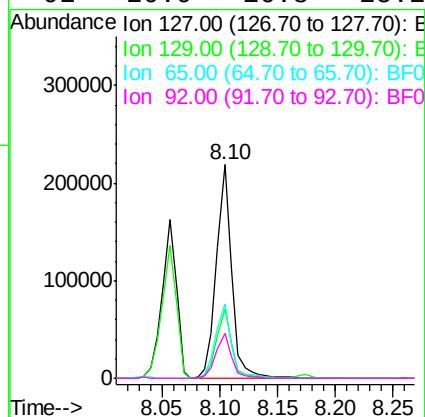
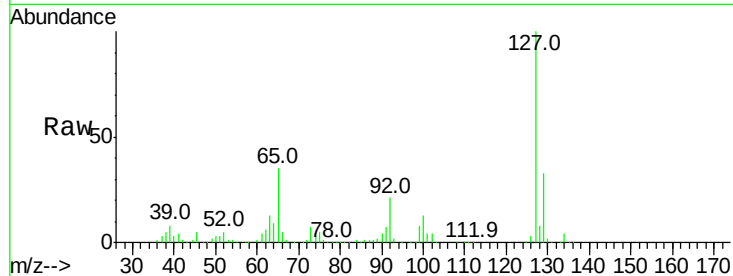
#33
4-Chloroaniline
Concen: 18.782 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.2	39.2
65	34.7	27.8	41.8
92	20.9	16.8	25.2

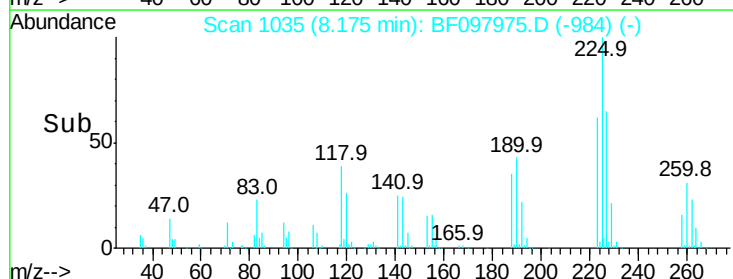
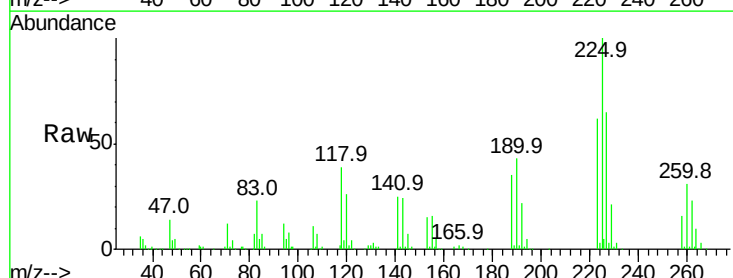
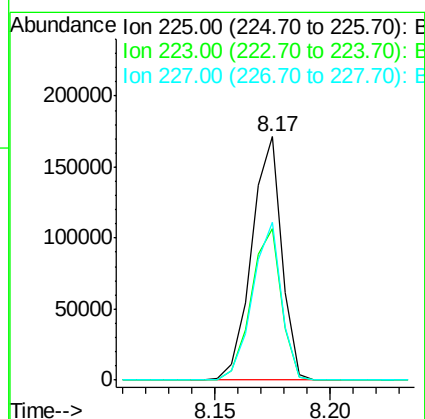
Manual Integrations
APPROVED

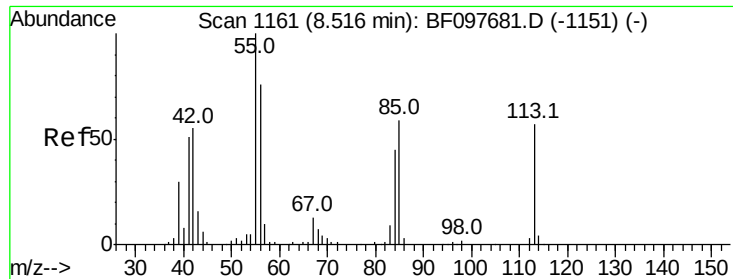
Sohil
8/23/2017 3:03:54 PM



#34
Hexachlorobutadiene
Concen: 36.634 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	48.8	73.2
227	64.7	51.1	76.7





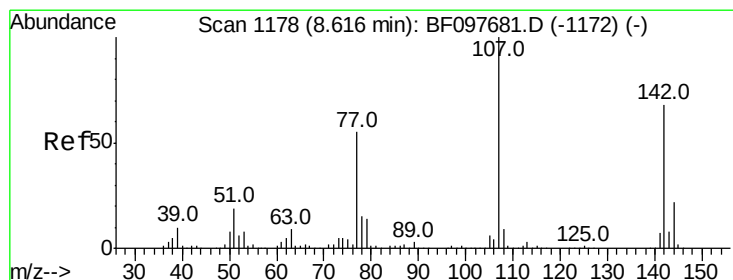
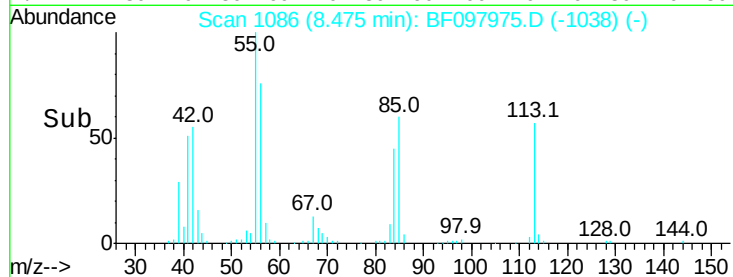
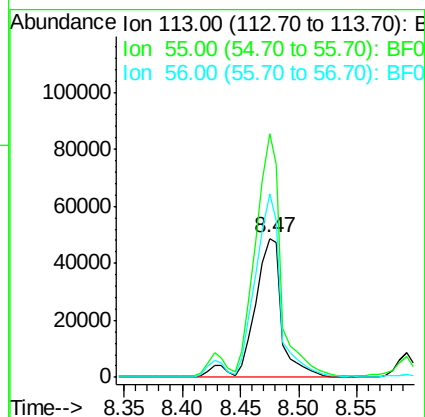
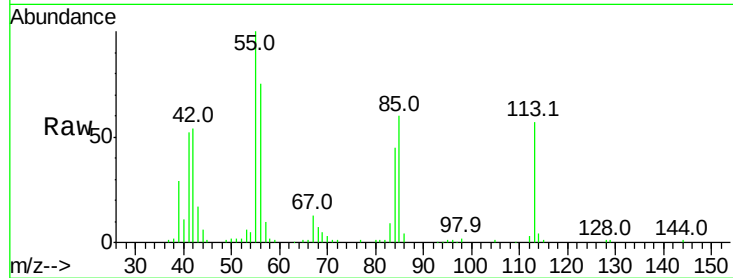
#35
Caprolactam
Concen: 35.553 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.6	150.2	190.2
56	132.4	107.8	147.8

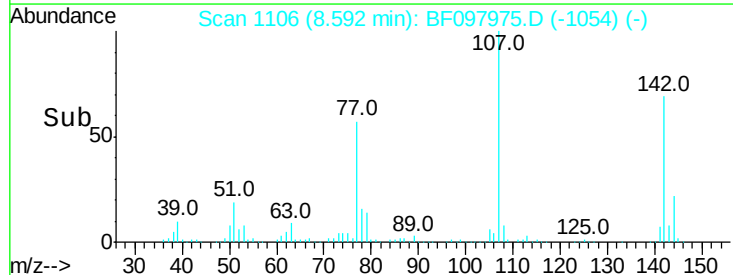
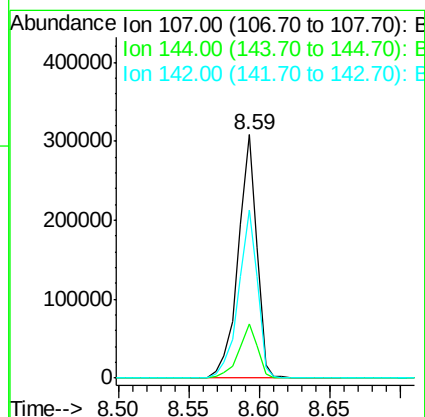
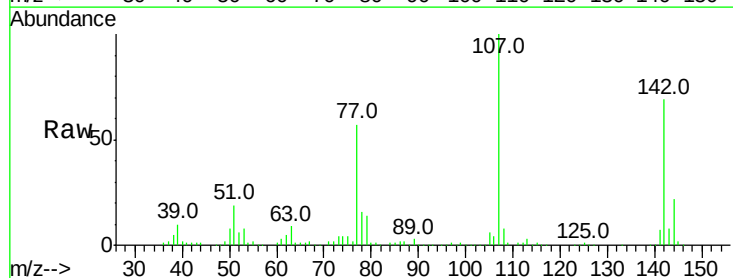
Manual Integrations
APPROVED

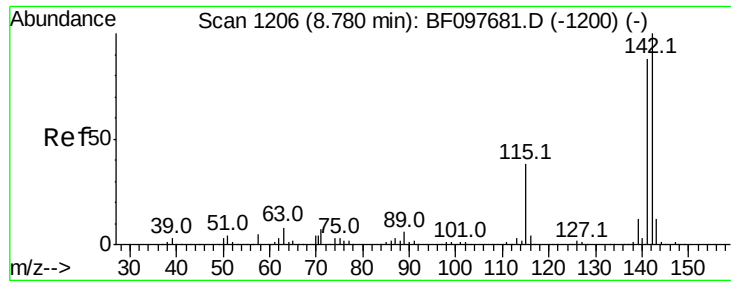
Sohil
8/23/2017 3:03:54 PM



#36
4-Chloro-3-methylphenol
Concen: 33.793 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	24.2	36.4#
142	69.1	73.4	110.0#





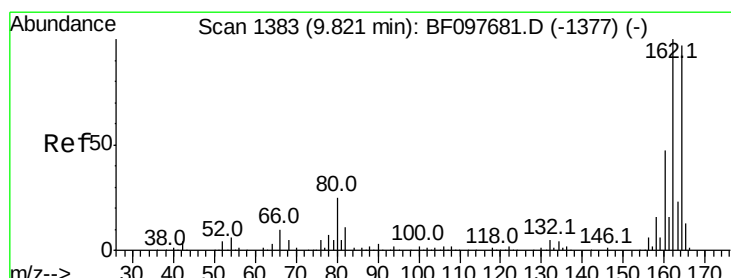
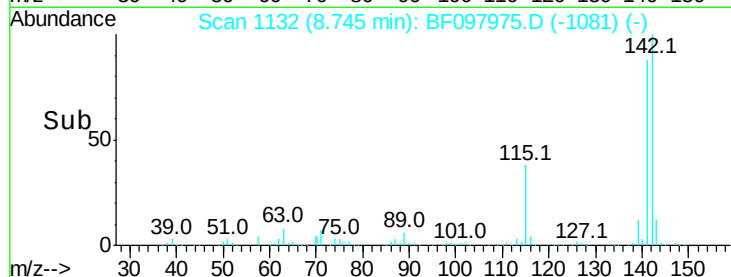
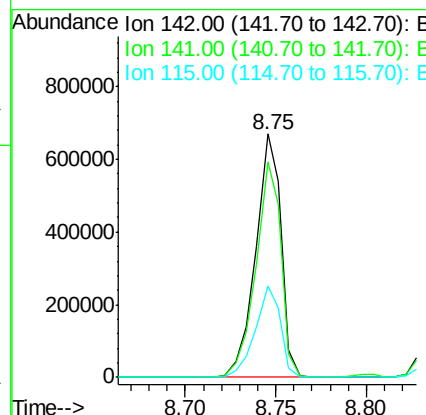
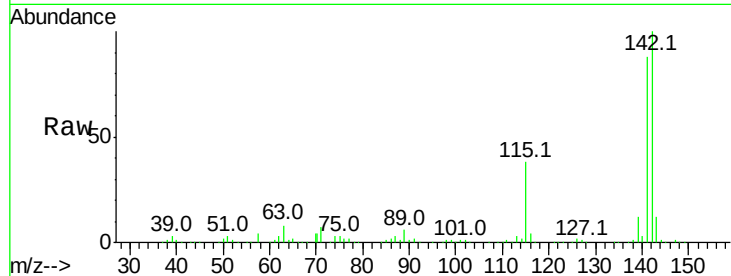
#37
 2-Methylnaphthalene
 Concen: 41.283 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	37.6	27.1	40.7

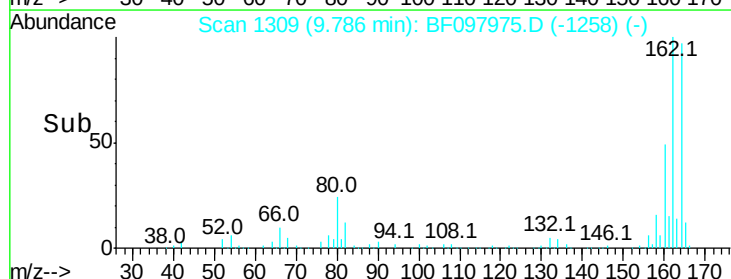
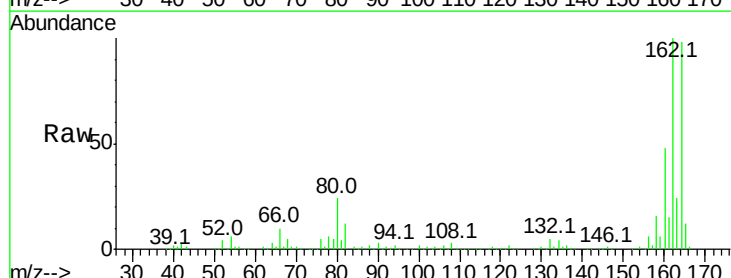
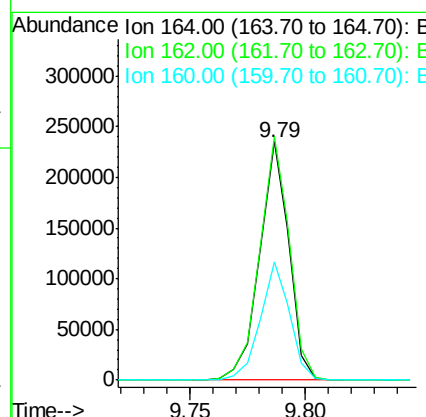
Manual Integrations
 APPROVED

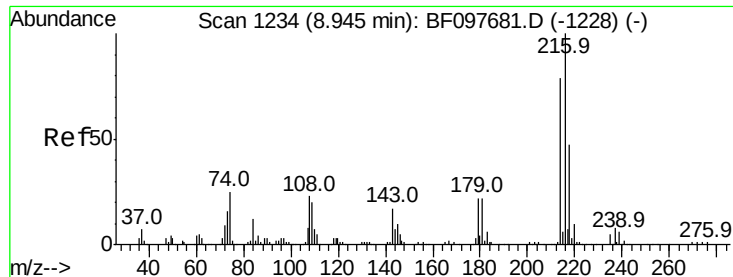
Sohil
 8/23/2017 3:03:54 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	49.5	36.2	54.2





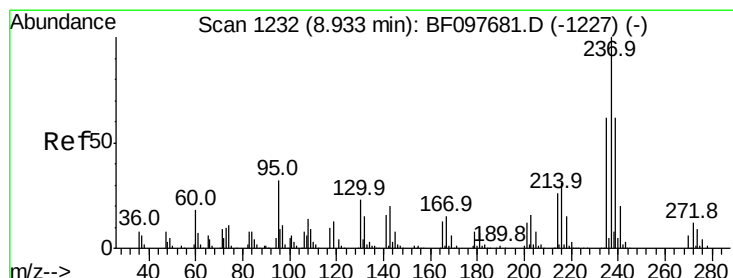
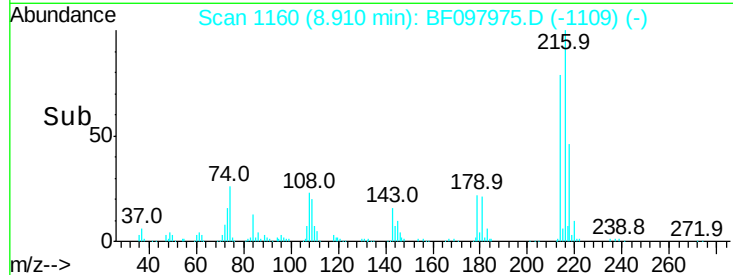
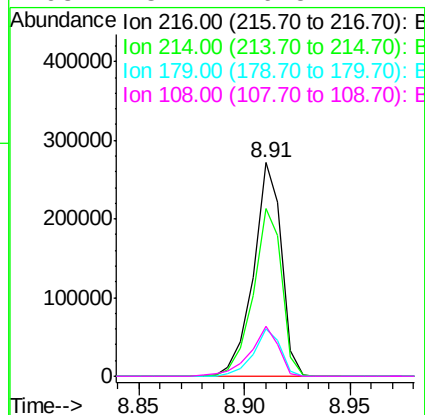
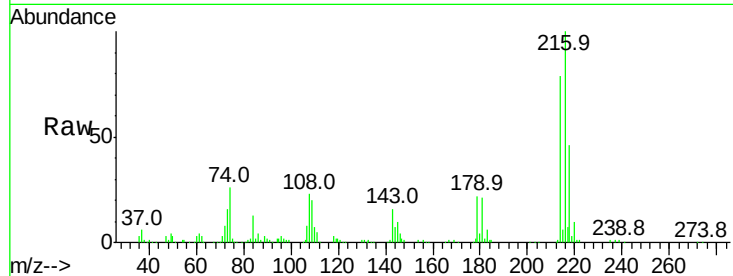
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.279 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	250238		
214	79.9	63.4	95.2	
179	21.9	17.9	26.9	
108	23.7	16.5	24.7	

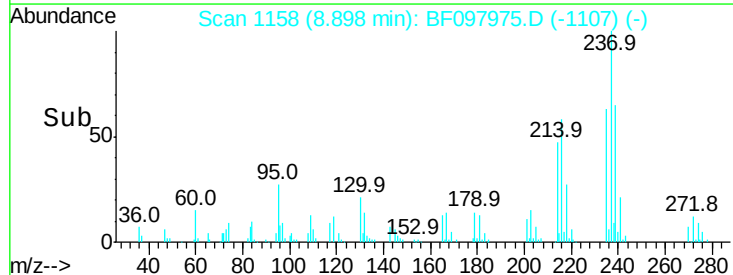
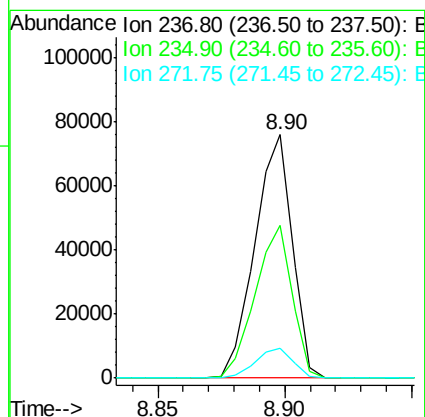
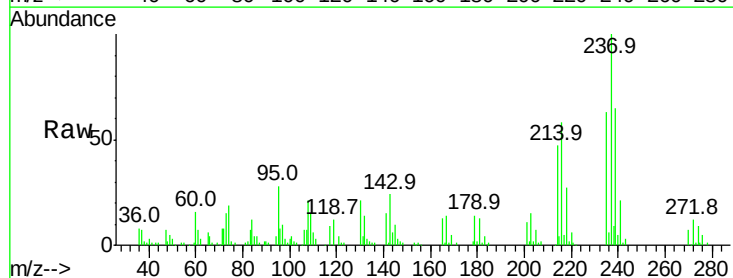
Manual Integrations
 APPROVED

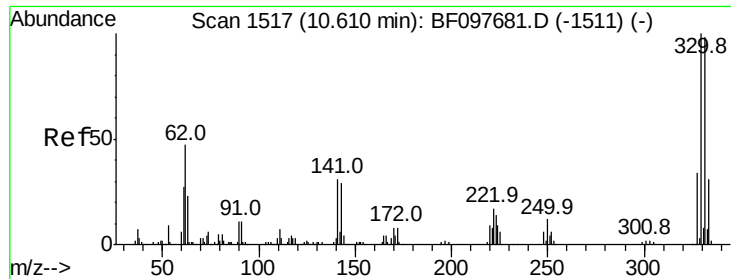
Sohil
 8/23/2017 3:03:54 PM



#40
 Hexachlorocyclopentadiene
 Concen: 25.589 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	78318		
235	62.6	42.6	82.6	
272	12.2	0.0	31.9	





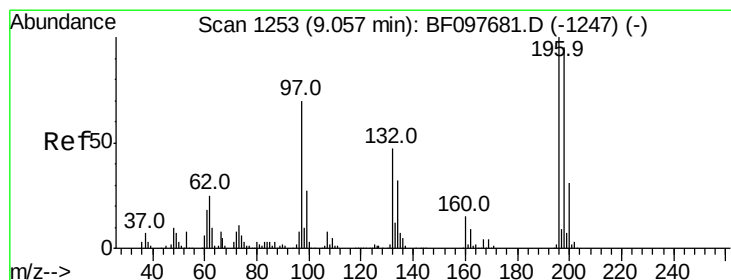
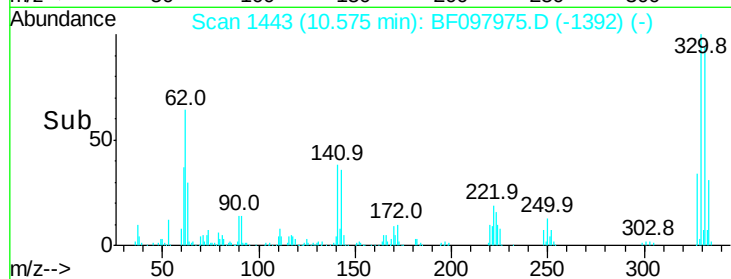
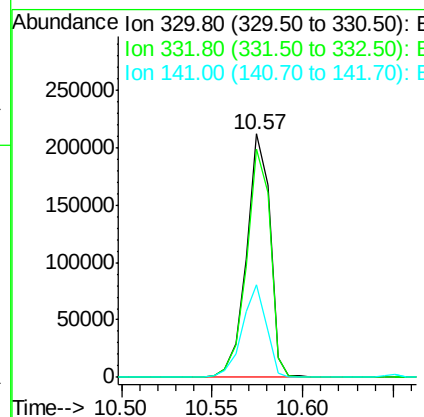
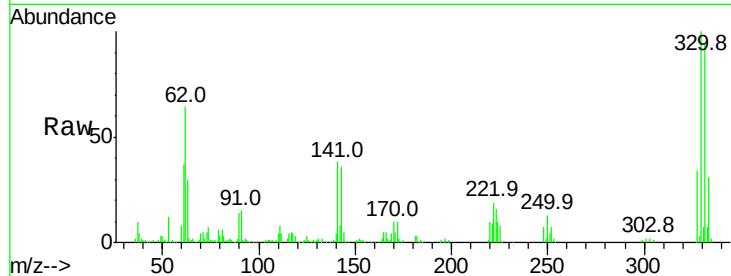
#41
 2,4,6-Tribromophenol
 Concen: 106.265 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	191398		
332	94.8	76.6	115.0	
141	39.3	31.4	47.2	

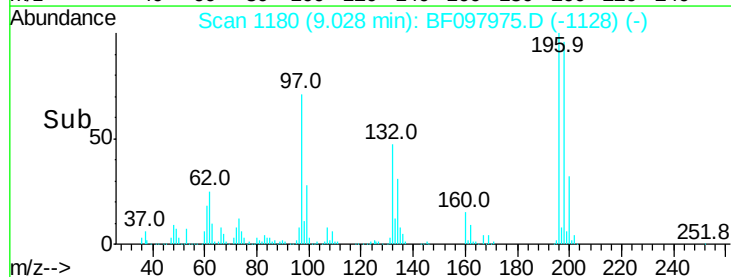
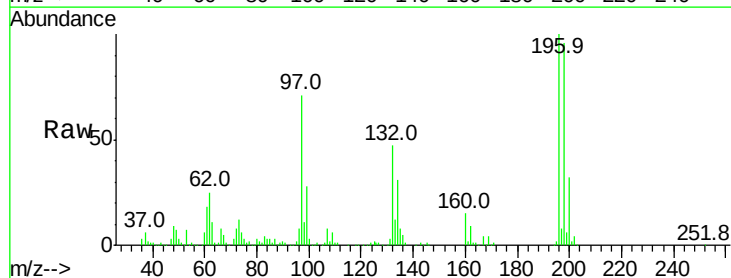
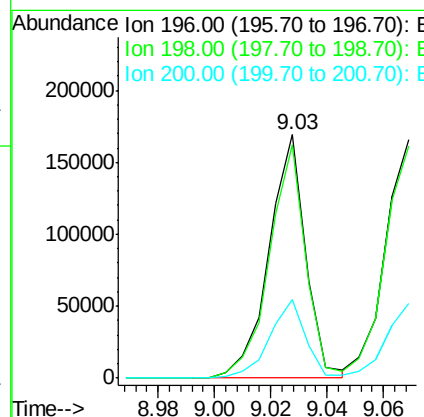
Manual Integrations
 APPROVED

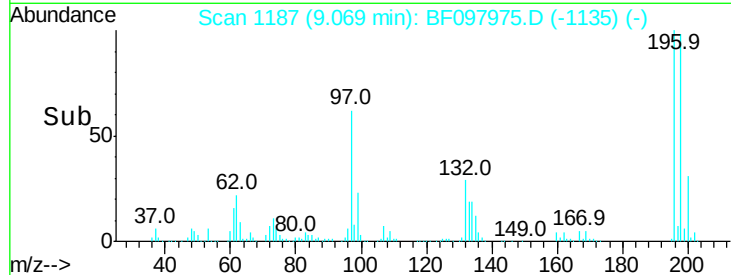
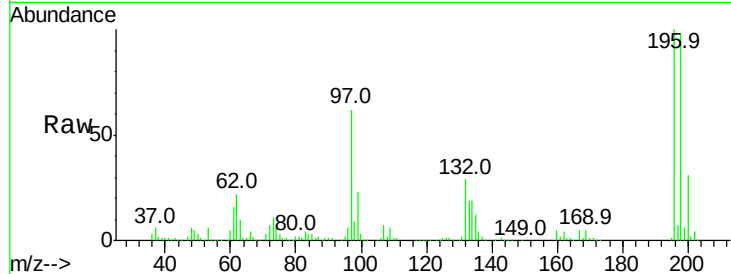
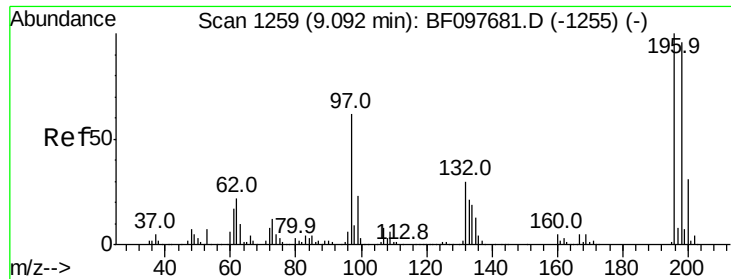
Sohil
 8/23/2017 3:03:54 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.626 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152379		
198	96.0	74.2	111.4	
200	32.0	24.0	36.0	





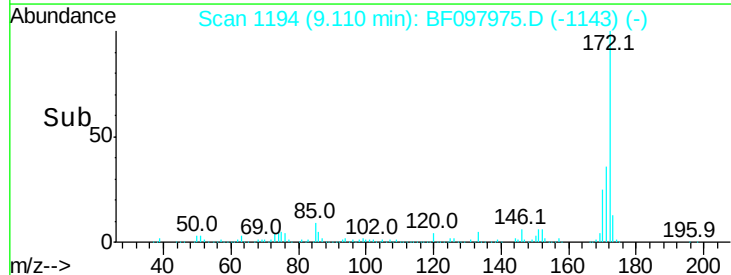
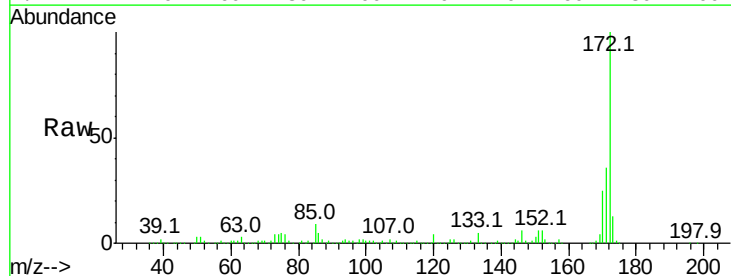
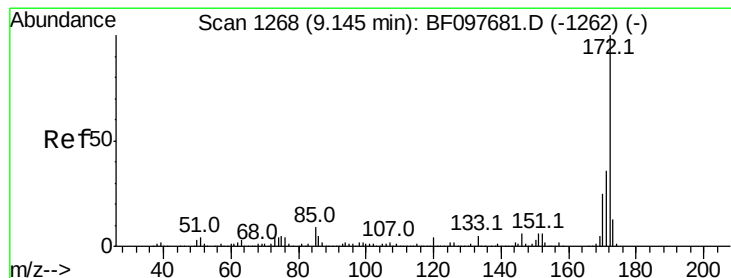
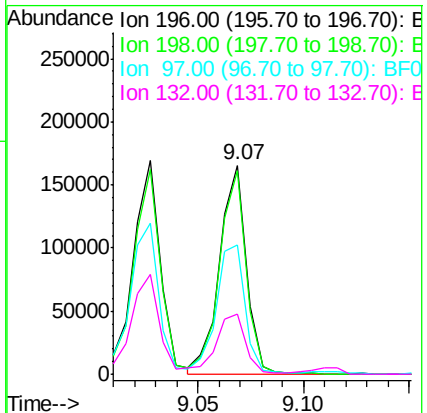
#43
2,4,5-Trichlorophenol
Concen: 34.050 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tot Ion	196	Resp	144482
Ion Ratio	Lower	Upper	
196	100		
198	97.5	75.7	113.5
97	61.6	47.7	71.5
132	28.9	28.0	42.0

Instrument :
BNA_F
ClientSampled :
SP-5-6MS

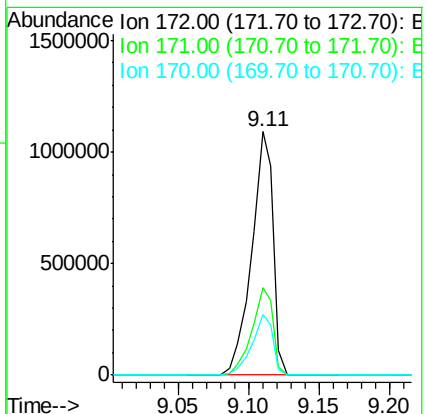
Manual Integrations
APPROVED

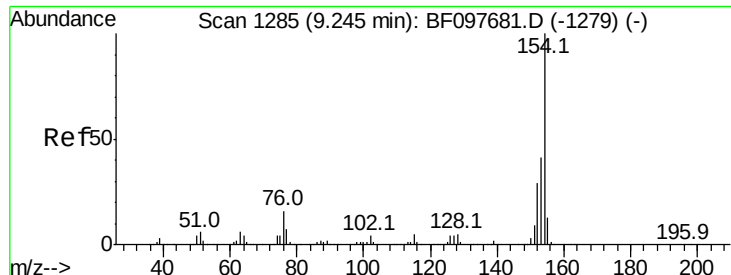
Sohil
8/23/2017 3:03:54 PM



#44
2-Fluorobiphenyl
Concen: 82.129 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	172	Resp	1160408
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	24.7	19.8	29.8





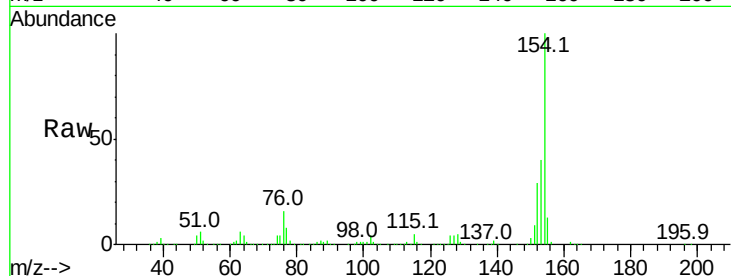
#45
 1,1'-Biphenyl
 Concen: 38.297 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

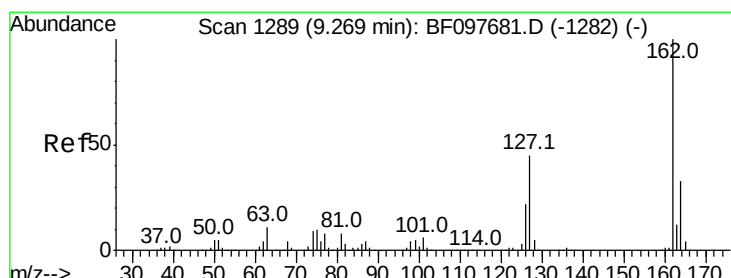
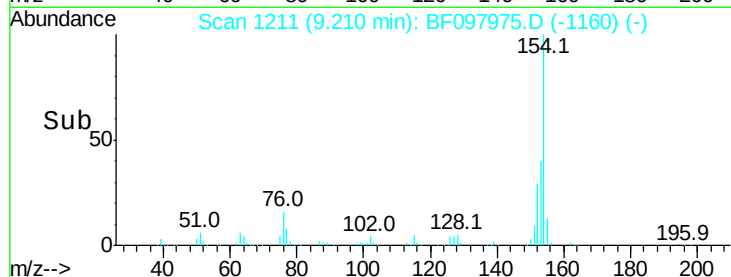
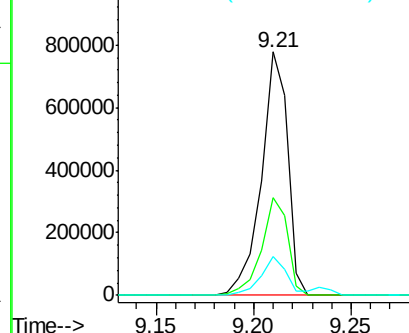
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.3	21.2	61.2
76	15.9	0.0	29.9

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:54 PM

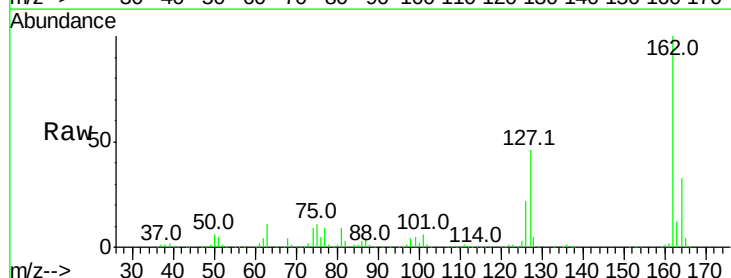


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

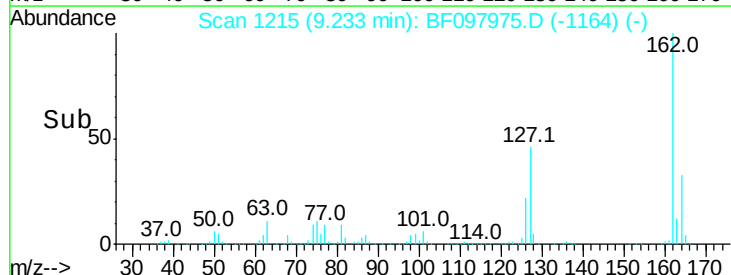
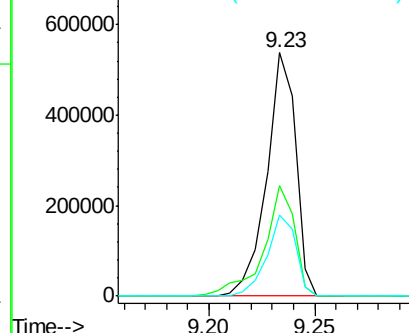


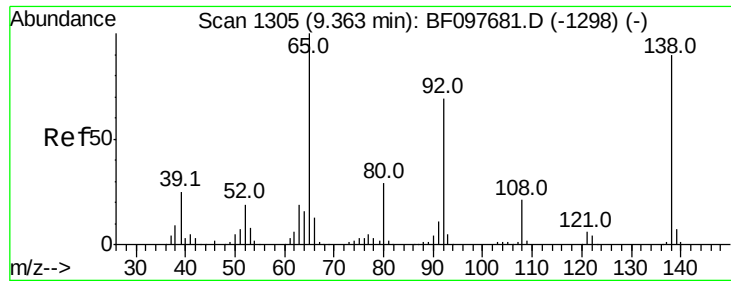
#46
 2-Chloronaphthalene
 Concen: 36.937 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	45.5	28.3	42.5#
164	33.1	27.0	40.4



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





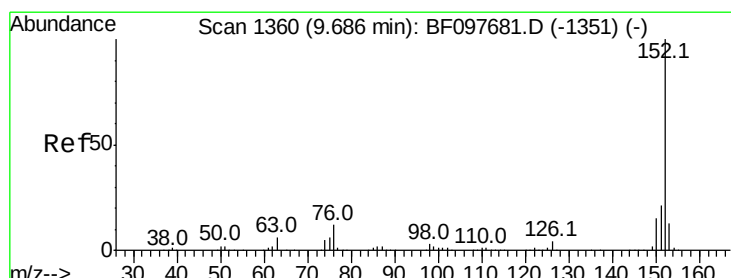
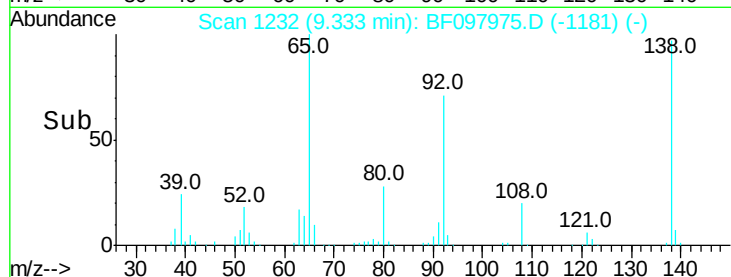
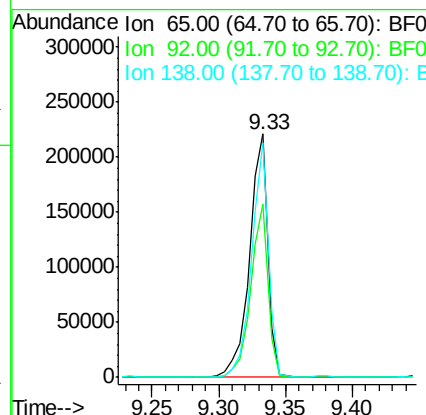
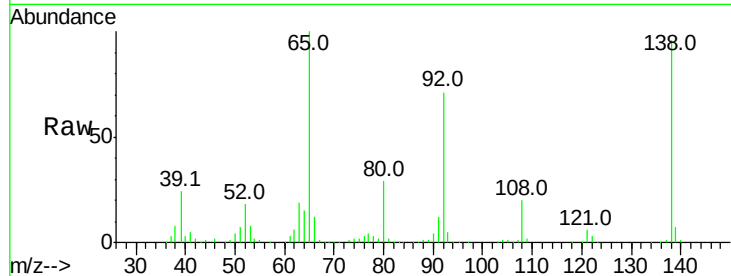
#47
2-Nitroaniline
Concen: 44.455 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	53.9	80.9
138	96.3	78.8	118.2

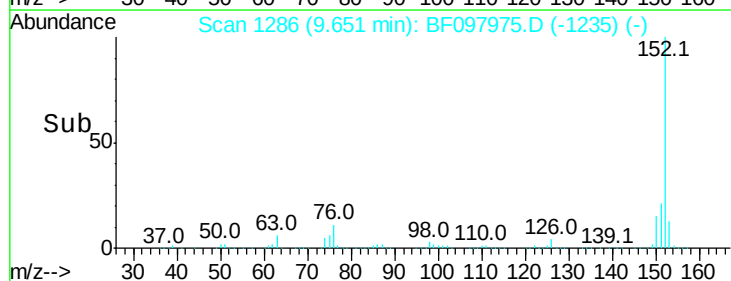
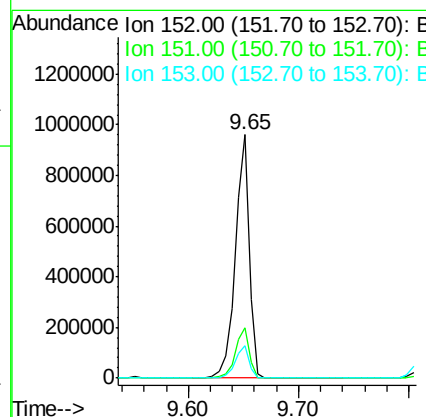
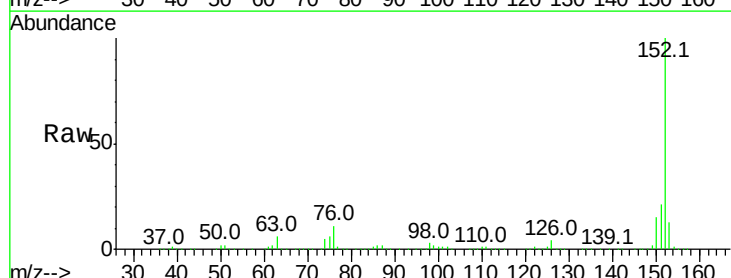
Manual Integrations
APPROVED

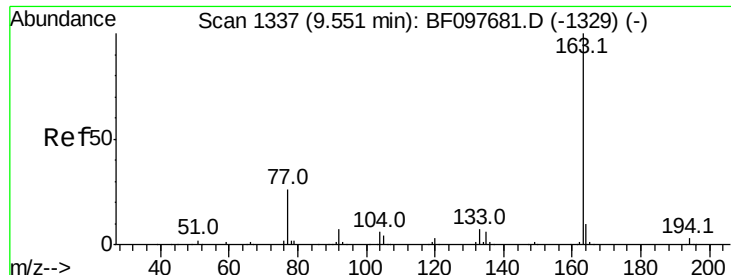
Sohil
8/23/2017 3:03:54 PM



#48
Acenaphthylene
Concen: 38.638 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.3	10.8	16.2





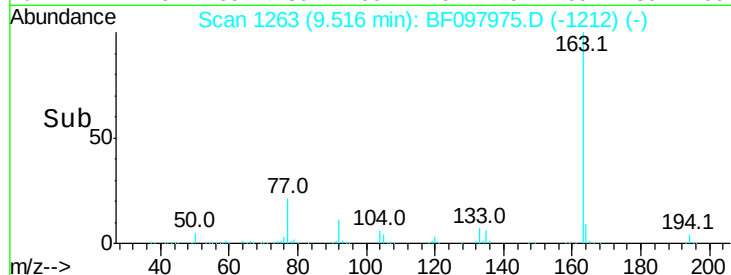
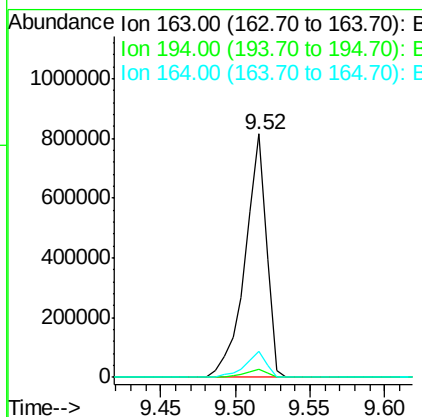
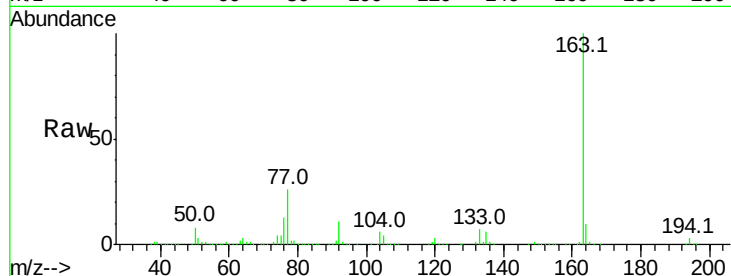
#49
Dimethylphthalate
Concen: 53.180 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampled :
SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.4	8.4	12.6	

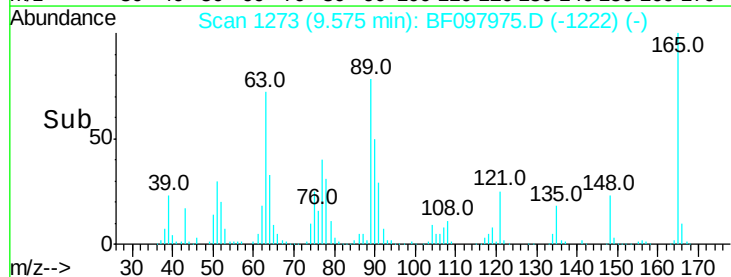
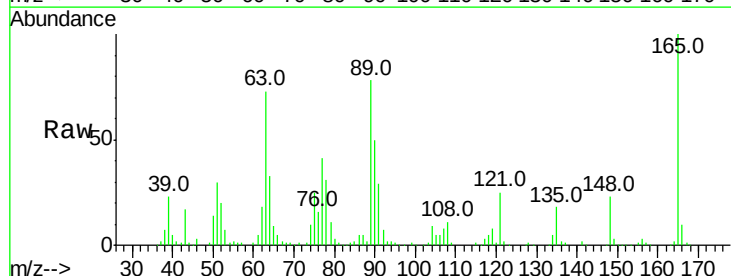
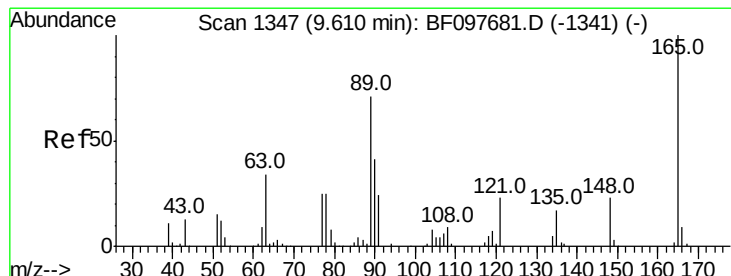
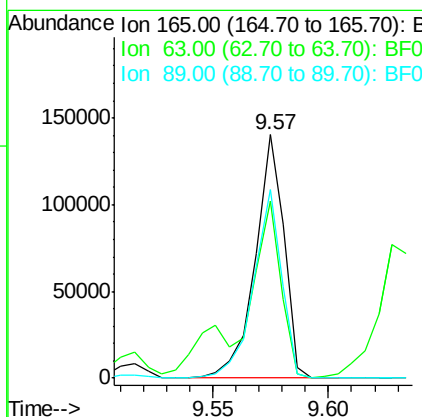
Manual Integrations
APPROVED

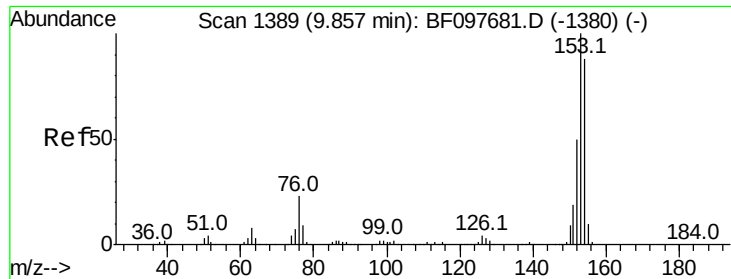
Sohil
8/23/2017 3:03:54 PM



#50
2,6-Dinitrotoluene
Concen: 40.277 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.7	34.3	51.5#	
89	77.6	37.1	55.7#	





#51

Acenaphthene

Concen: 36.930 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

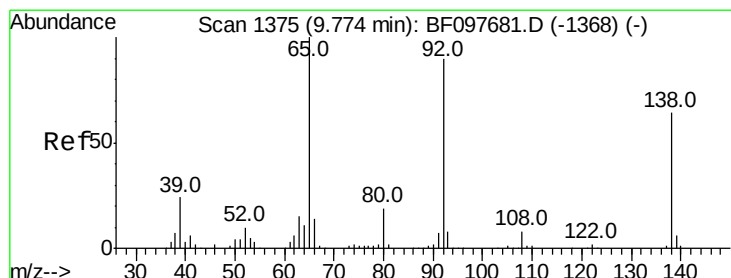
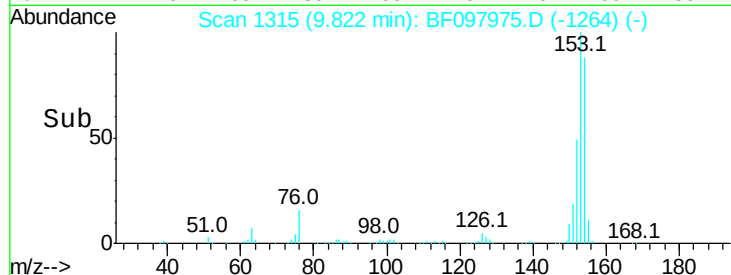
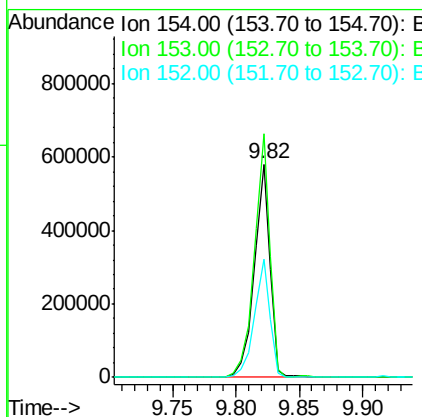
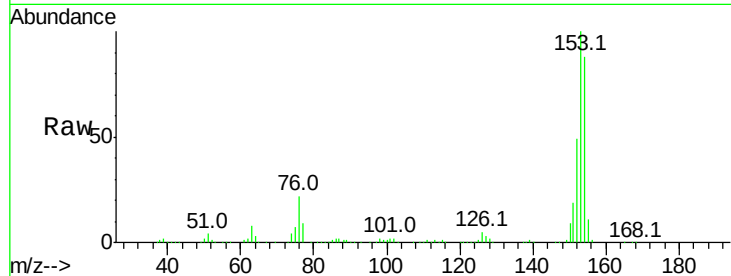
ClientSampled :

SP-5-6MS

Tot Ion:	154	Resp:	511574
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.5	135.7
152	55.6	43.6	65.4

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#52

3-Nitroaniline

Concen: 33.114 ng

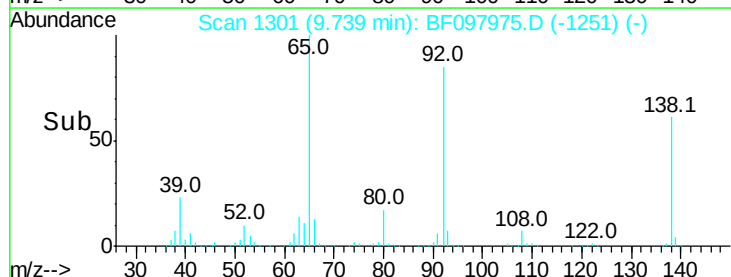
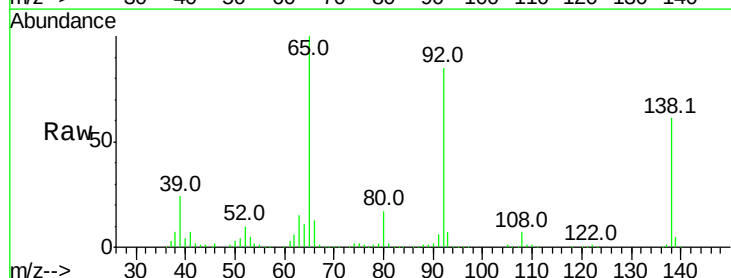
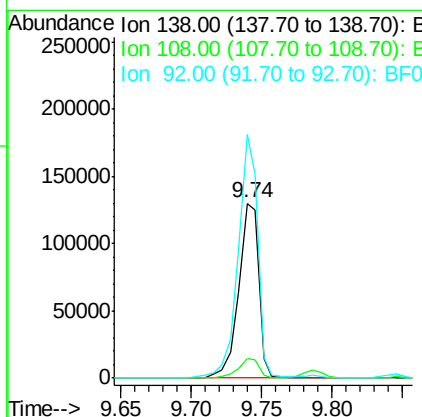
RT: 9.74 min Scan# 1301

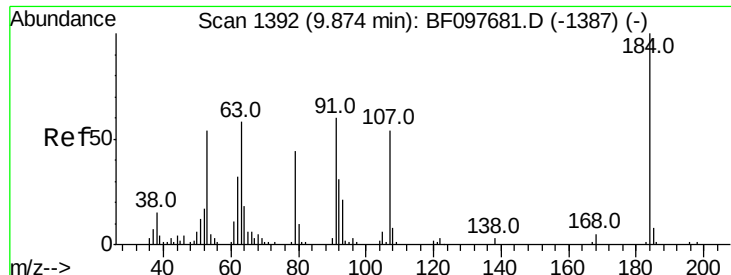
Delta R.T. -0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:	138	Resp:	129402
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.1	13.7
92	139.5	93.8	140.6





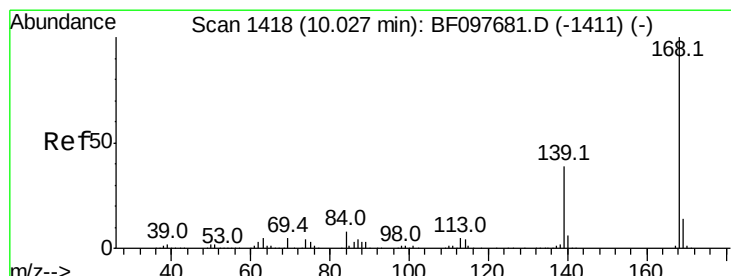
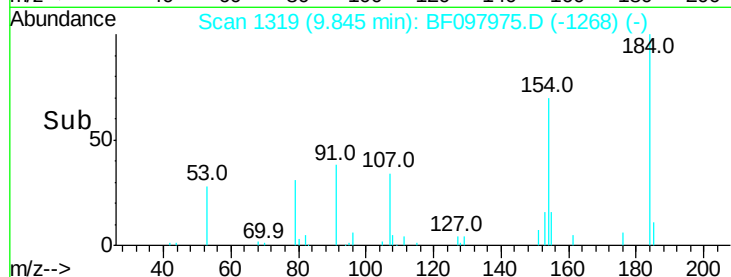
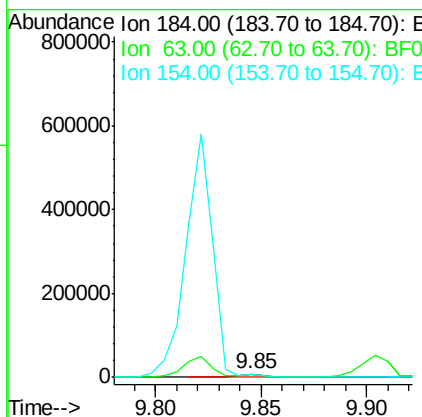
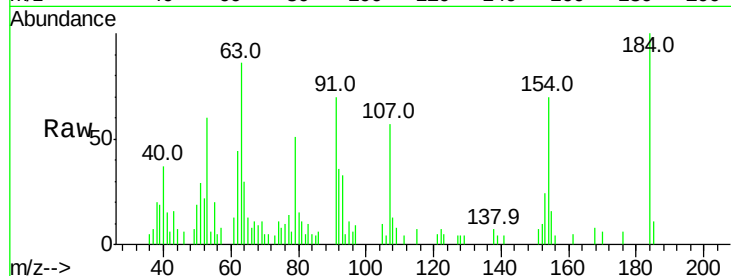
#53
 2,4-Dinitrophenol
 Concen: 14.830 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	85.8	62.7	94.1
154	70.0	81.1	121.7#

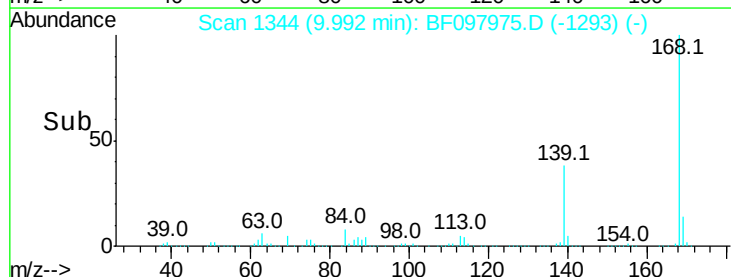
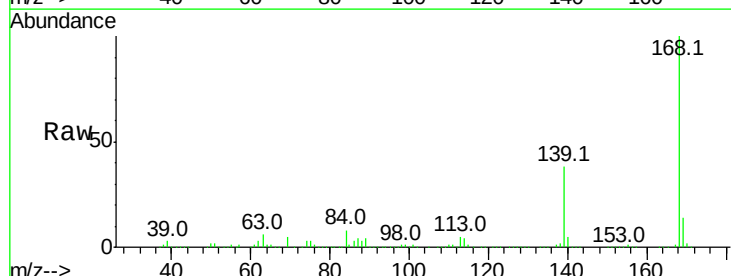
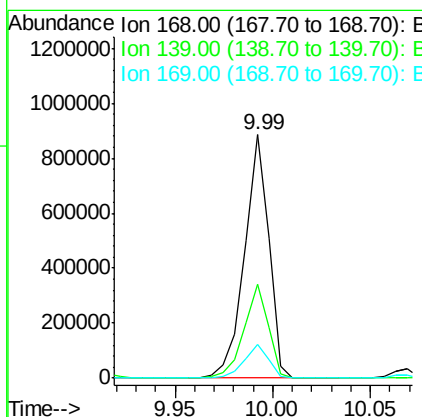
Manual Integrations
 APPROVED

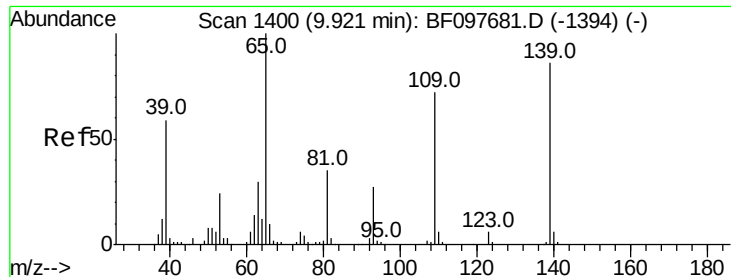
Sohil
 8/23/2017 3:03:54 PM



#54
 Dibenzofuran
 Concen: 41.060 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	45.8
169	13.7	10.8	16.2





#55

4-Nitrophenol

Concen: 49.022 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampled :

SP-5-6MS

Tot Ion:139 Resp: 152817

Ion Ratio Lower Upper

139 100

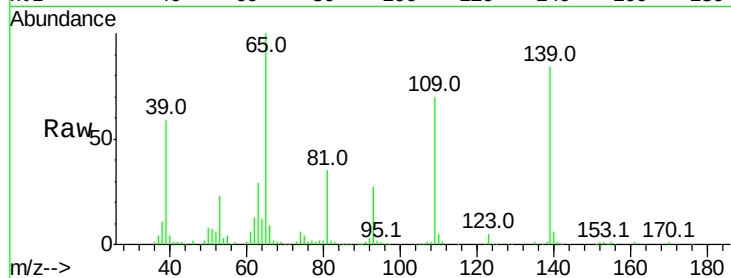
109 82.9 34.1 74.1#

65 119.2 31.4 71.4#

Manual Integrations
APPROVED

Sohil

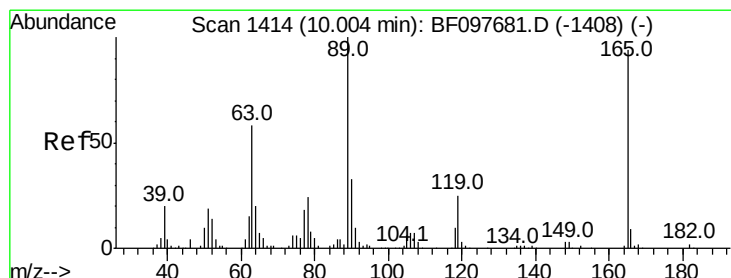
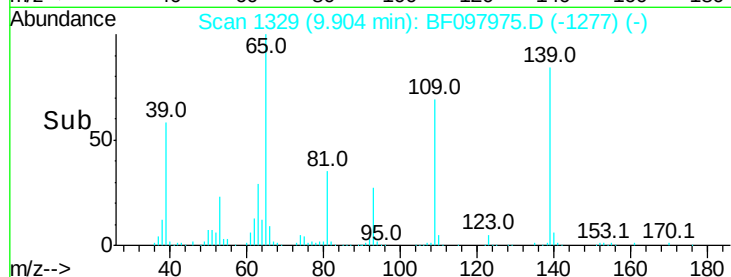
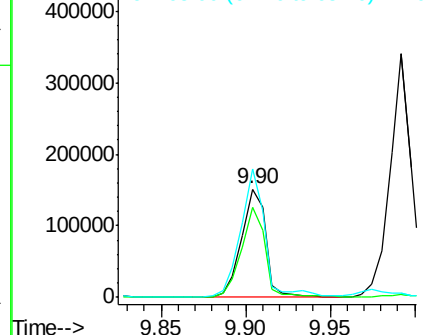
8/23/2017 3:03:54 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.482 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:165 Resp: 150074

Ion Ratio Lower Upper

165 100

63 58.3 25.4 38.0#

89 100.3 46.4 69.6#

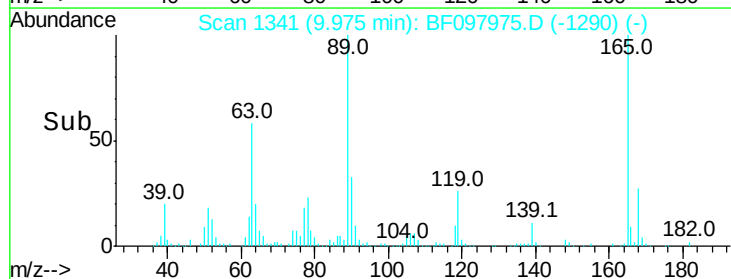
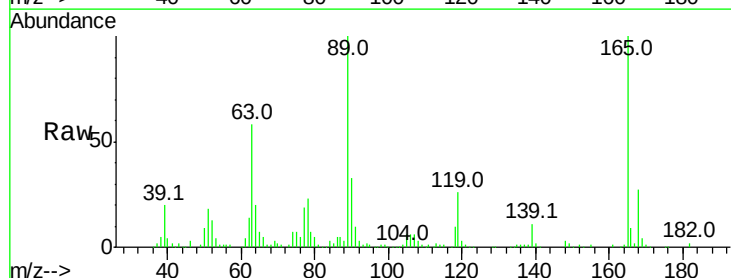
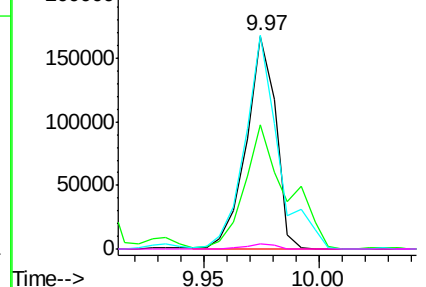
182 2.2 1.8 2.6

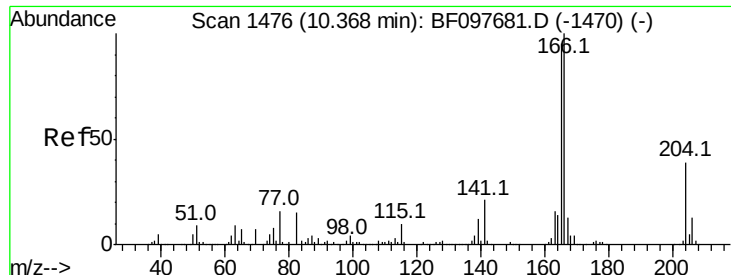
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





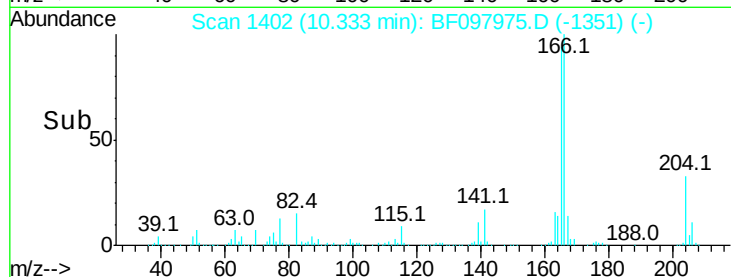
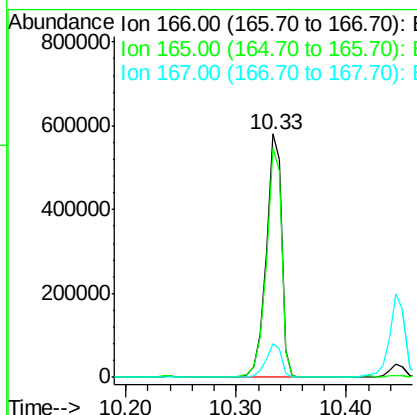
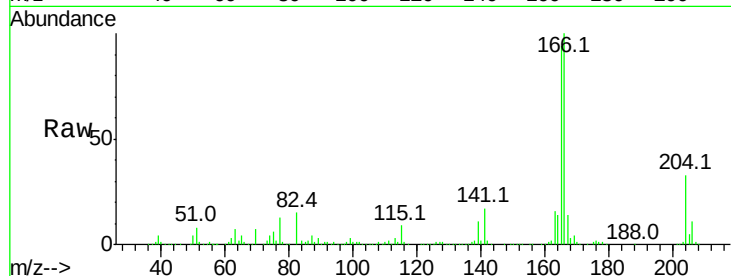
#57
 Fluorene
 Concen: 39.747 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	570528		
165	94.3		78.8	118.2
167	13.8		10.6	16.0

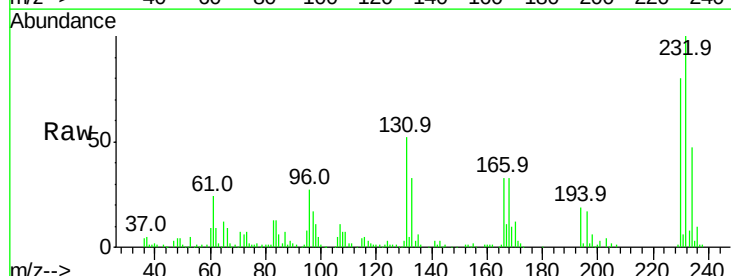
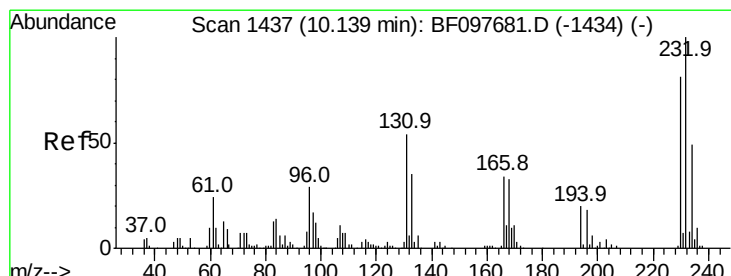
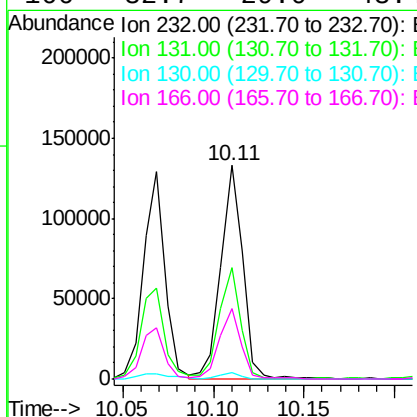
Manual Integrations
 APPROVED

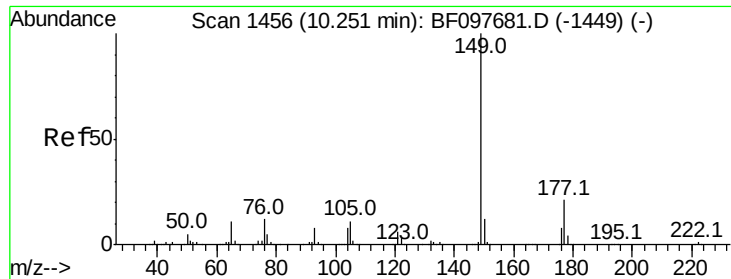
Sohil
 8/23/2017 3:03:54 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.227 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	112443		
131	50.5		44.8	67.2
130	2.7		2.3	3.5
166	32.7		29.0	43.4





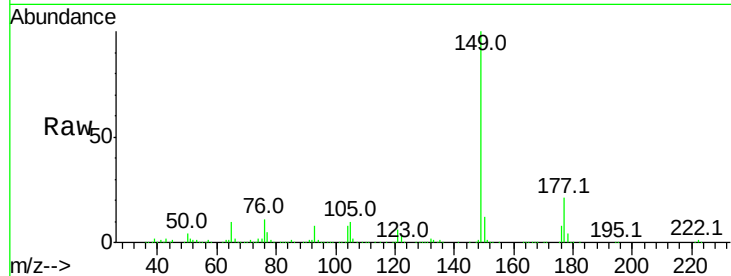
#59
Diethylphthalate
Concen: 41.367 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampled :
SP-5-6MS

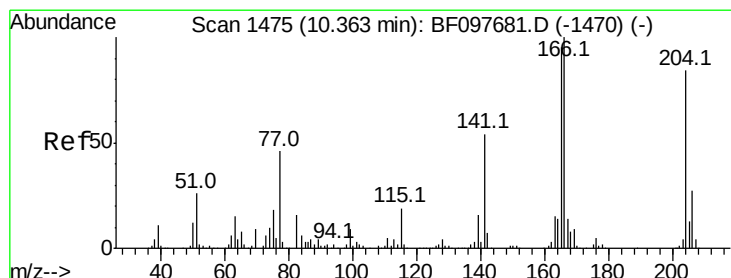
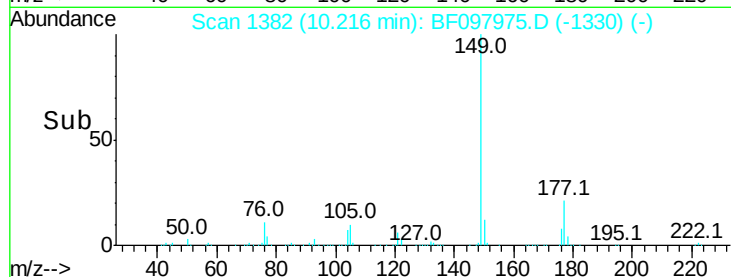
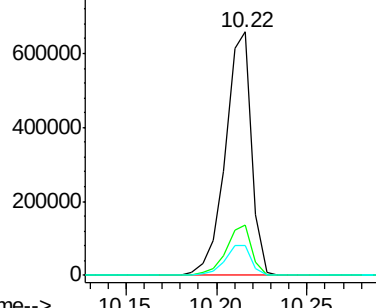
Tot Ion	Ratio	Resp	Lower	Upper
149	100	656416		
177	20.7	16.7	25.1	
150	12.3	10.2	15.2	

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM

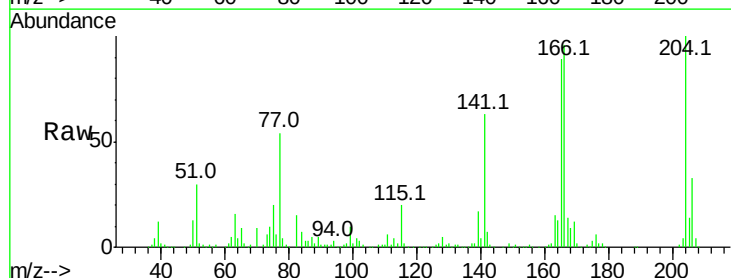


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

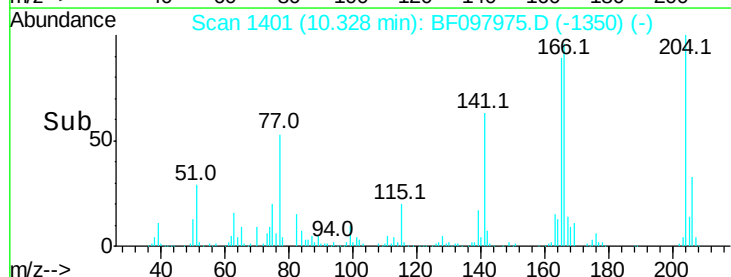
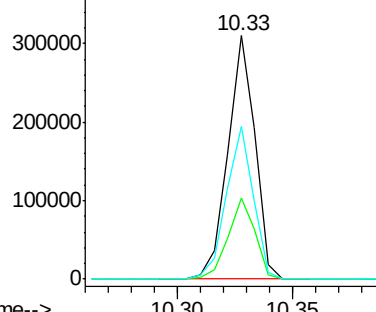


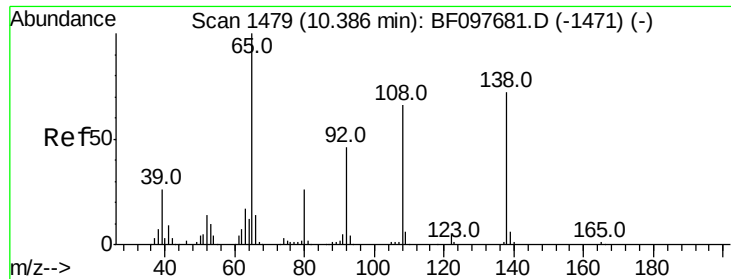
#60
4-Chlorophenyl-phenylether
Concen: 38.311 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	255473		
206	33.3	26.2	39.2	
141	62.8	60.8	91.2	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





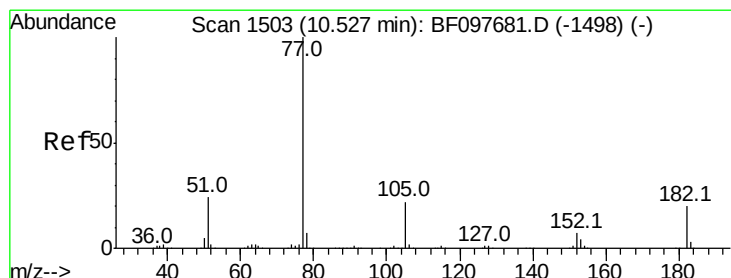
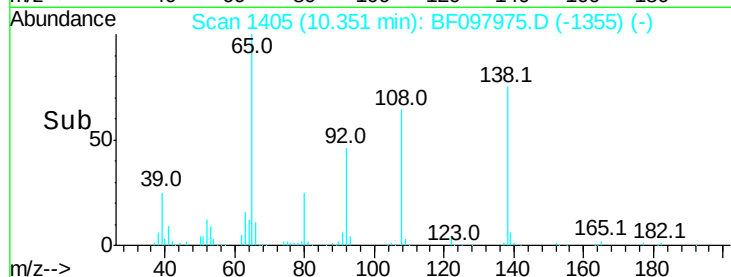
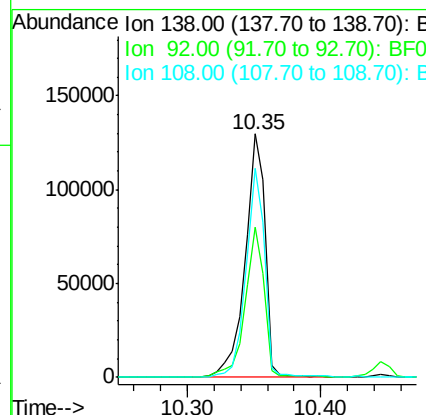
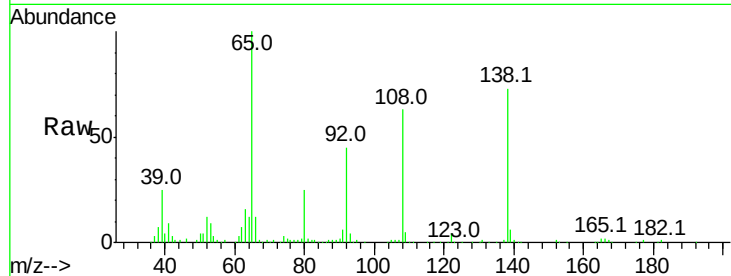
#61
4-Nitroaniline
Concen: 36.251 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampled :
SP-5-6MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.7	21.8	61.8
108	85.8	42.3	82.3

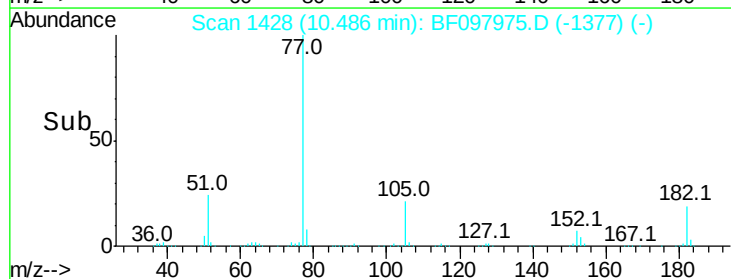
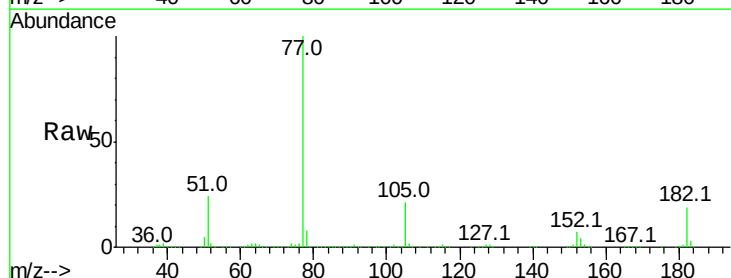
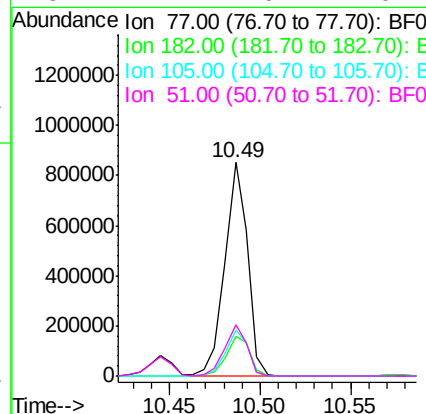
Manual Integrations
APPROVED

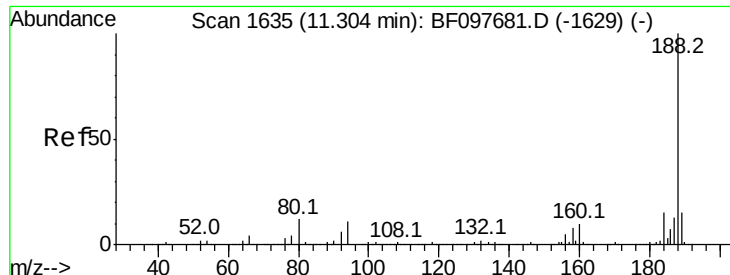
Sohil
8/23/2017 3:03:54 PM



#62
Azobenzene
Concen: 39.198 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	0.1	40.1
105	21.4	3.6	43.6
51	24.2	9.4	49.4





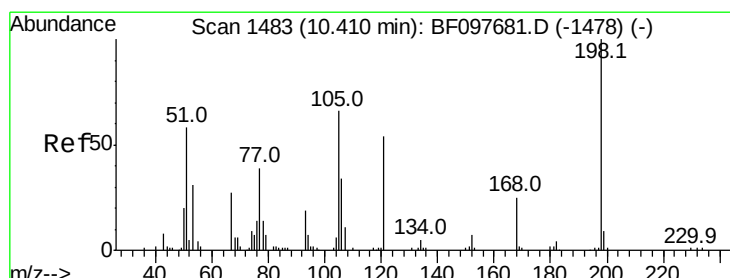
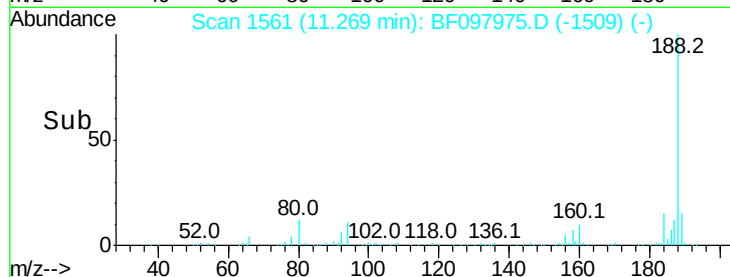
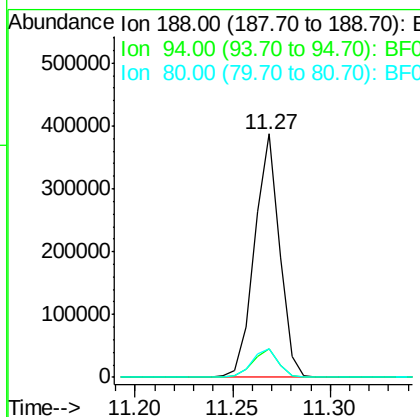
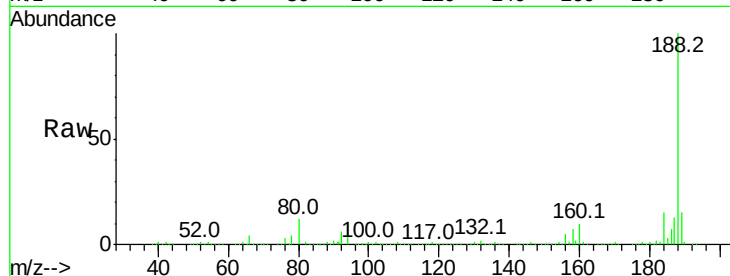
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.5	9.4	14.2	
80	11.8	10.2	15.2	

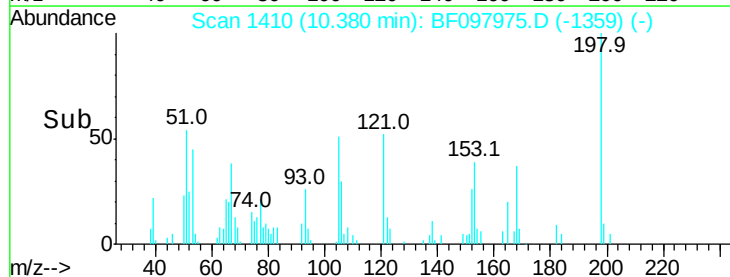
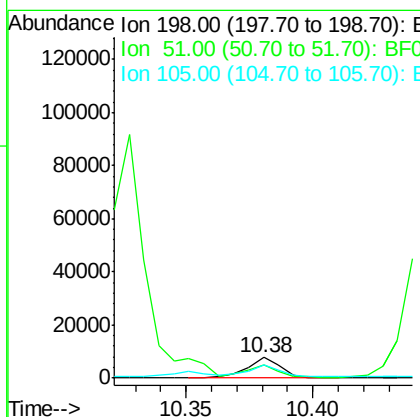
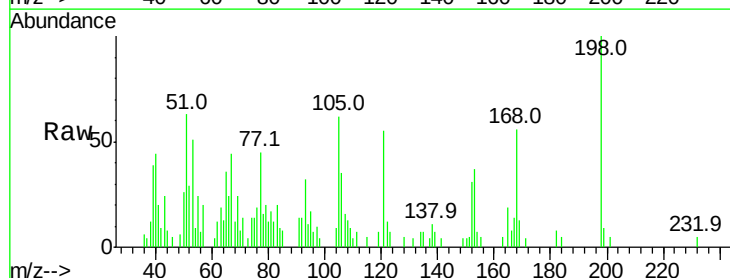
Manual Integrations
 APPROVED

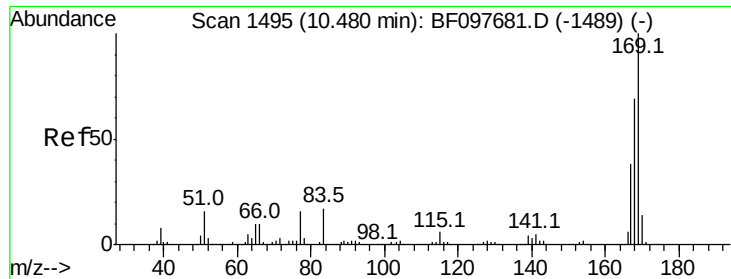
Sohil
 8/23/2017 3:03:54 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.993 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	62.9	53.2	93.2	
105	61.9	45.8	85.8	





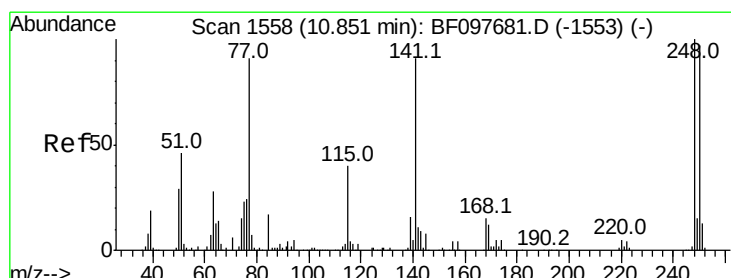
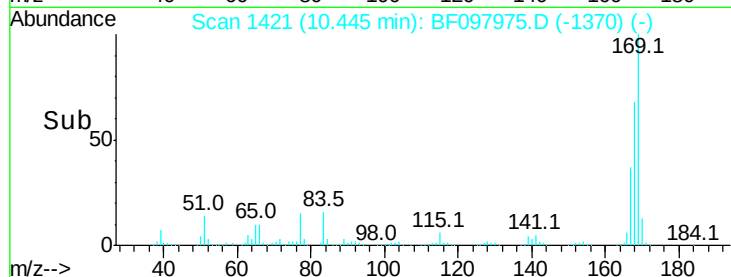
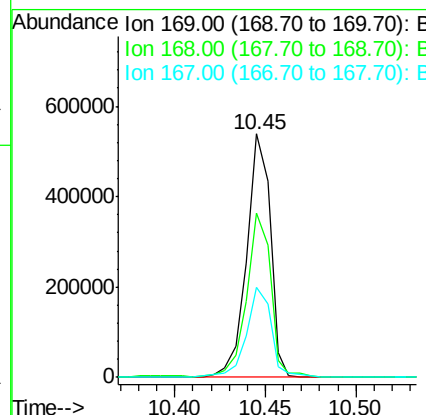
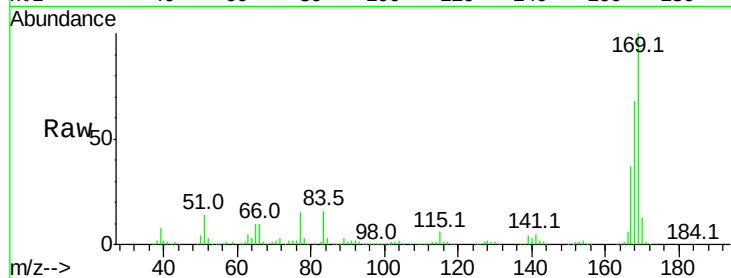
#65
 n-Nitrosodiphenylamine
 Concen: 41.764 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	487941		
168	67.7	53.2	79.8	
167	36.7	29.5	44.3	

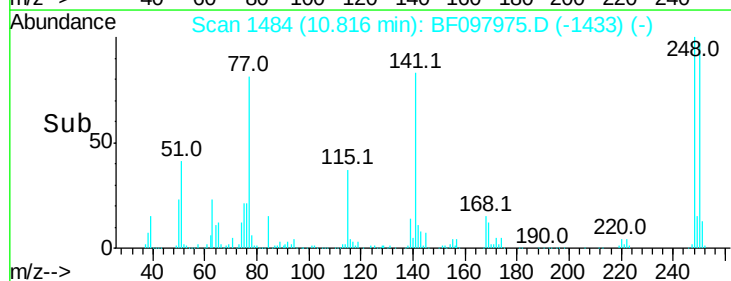
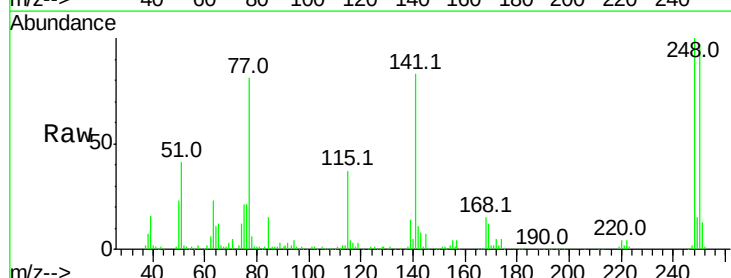
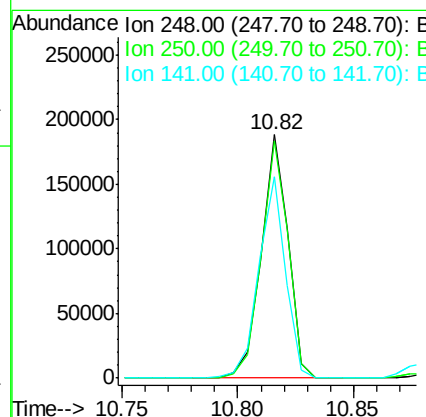
Manual Integrations
 APPROVED

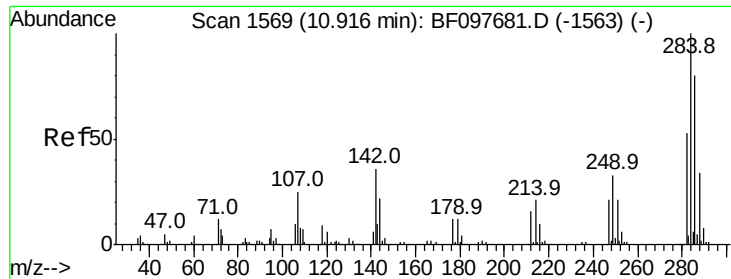
Sohil
 8/23/2017 3:03:54 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.594 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151752		
250	97.3	76.8	115.2	
141	82.5	68.6	103.0	





#67

Hexachlorobenzene

Concen: 38.746 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

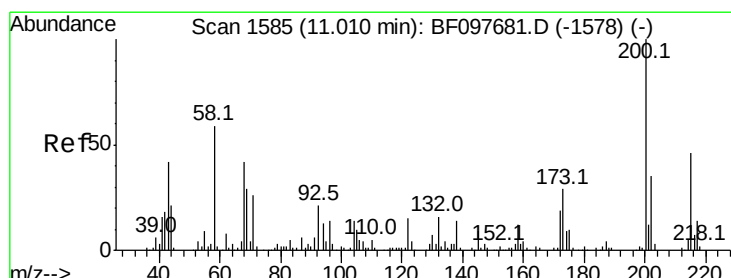
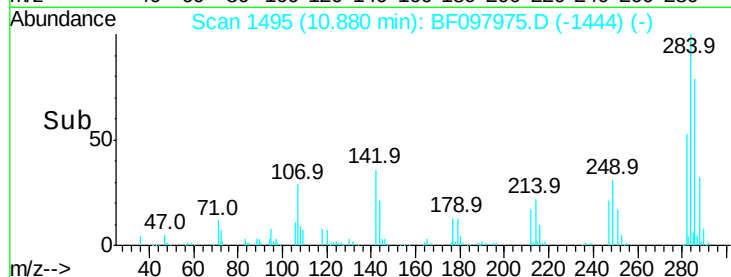
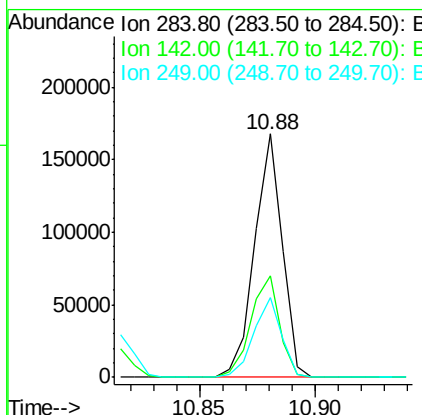
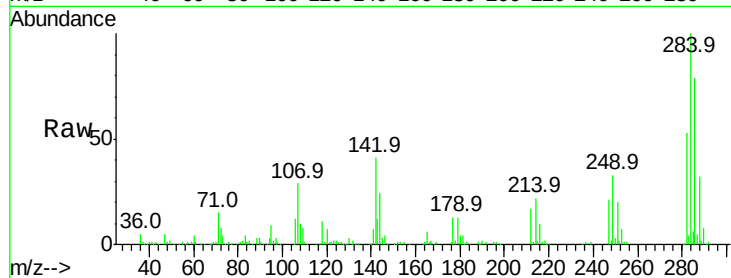
ClientSampleId :

SP-5-6MS

Tot Ion:	284	Resp:	140704
Ion Ratio	Lower	Upper	
284	100		
142	41.5	22.8	34.2#
249	32.7	24.0	36.0

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#68

Atrazine

Concen: 43.103 ng

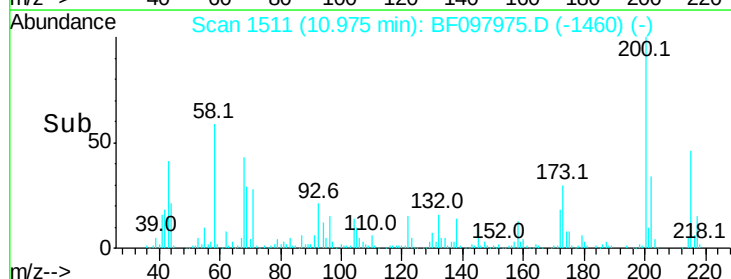
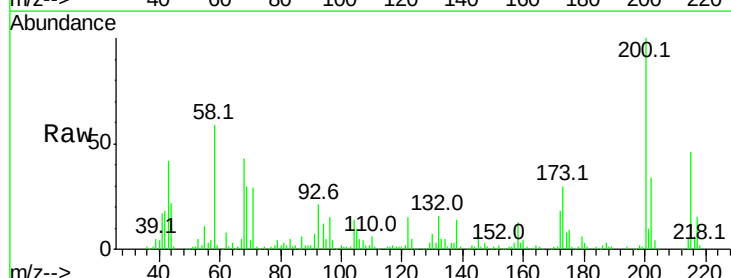
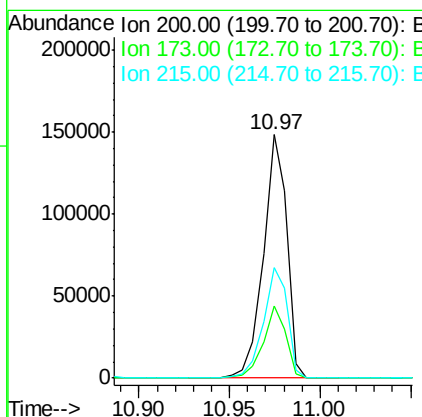
RT: 10.97 min Scan# 1511

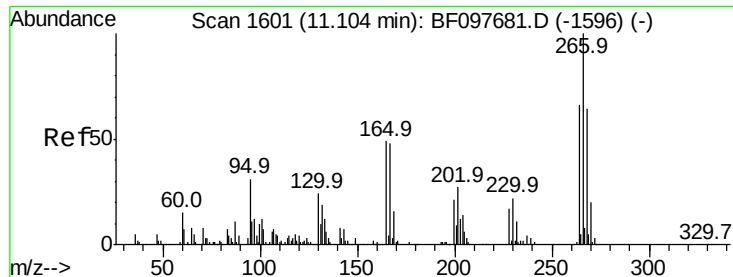
Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:	200	Resp:	133551
Ion Ratio	Lower	Upper	
200	100		
173	29.8	6.3	46.3
215	45.6	27.2	67.2





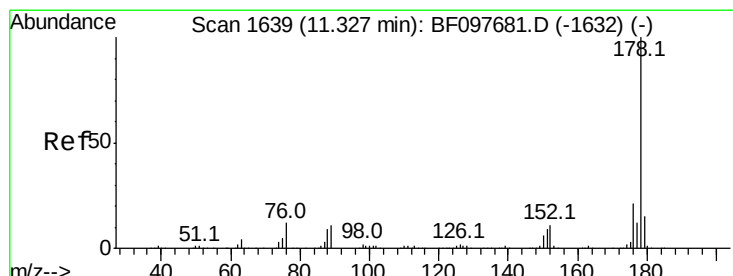
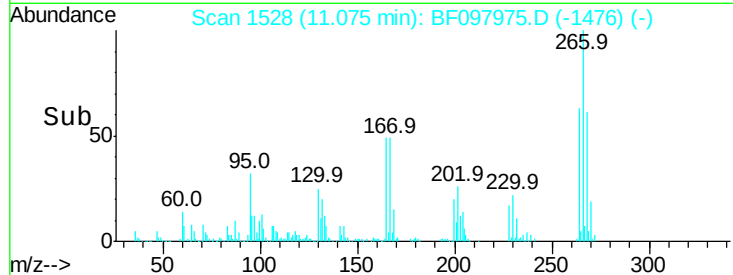
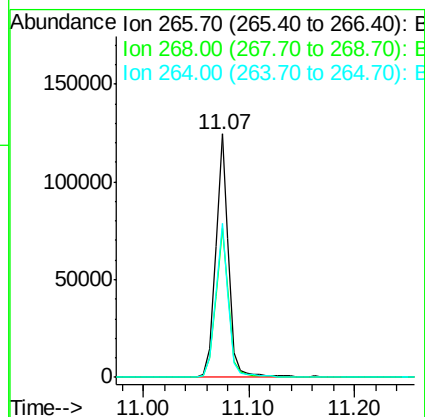
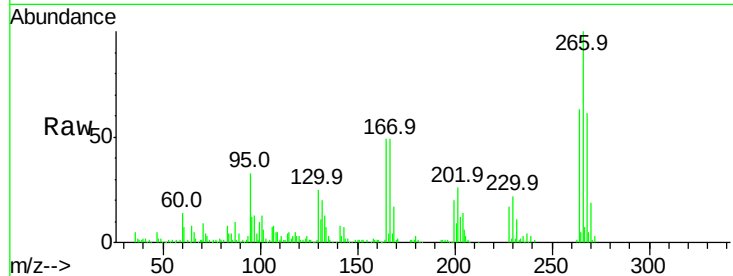
#69
 Pentachlorophenol
 Concen: 51.202 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	108410		
268	61.2	51.1	76.7	
264	63.2	51.7	77.5	

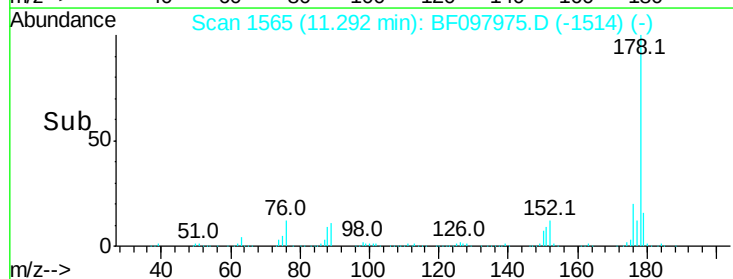
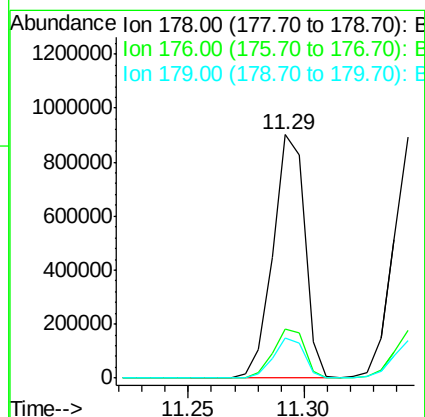
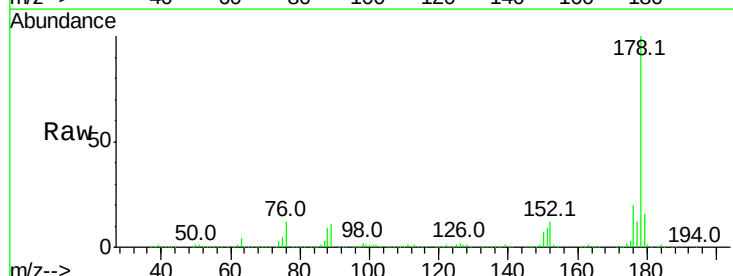
Manual Integrations
 APPROVED

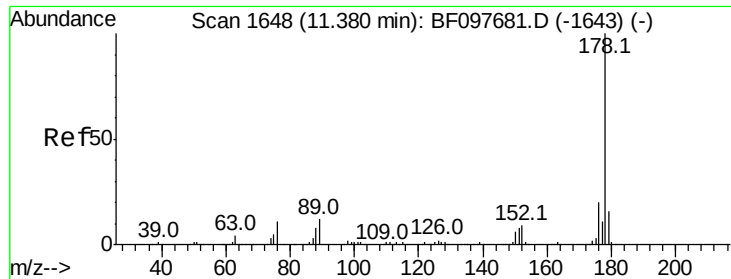
Sohil
 8/23/2017 3:03:54 PM



#70
 Phenanthrene
 Concen: 47.267 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	864151		
176	20.4	16.2	24.4	
179	16.3	12.6	19.0	





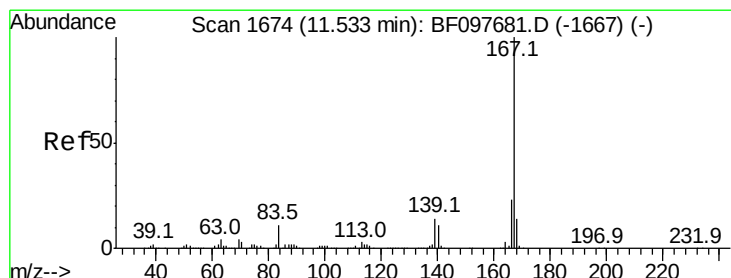
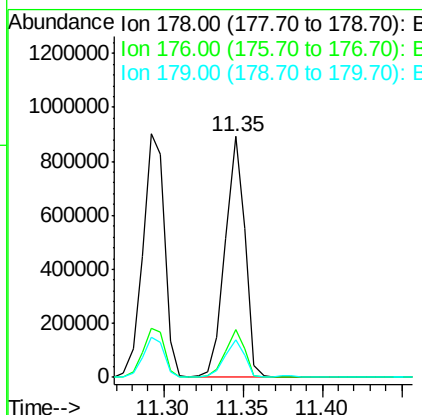
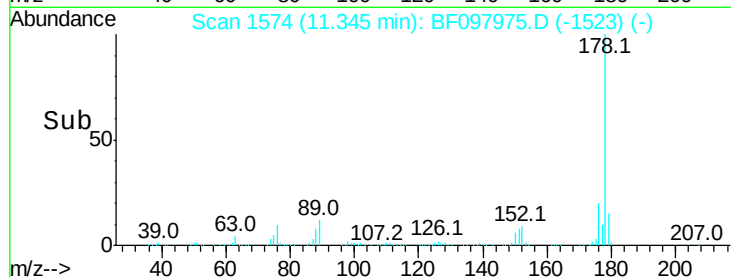
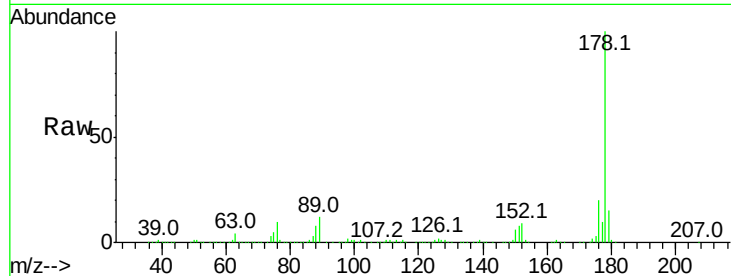
#71
 Anthracene
 Concen: 41.491 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	12.7	19.1

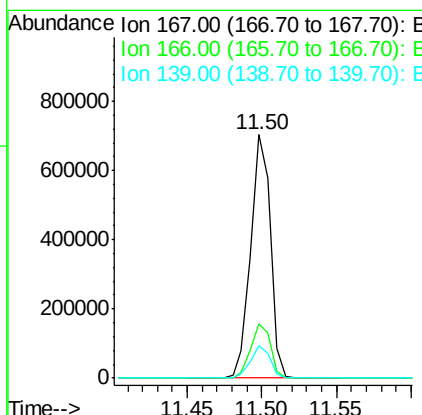
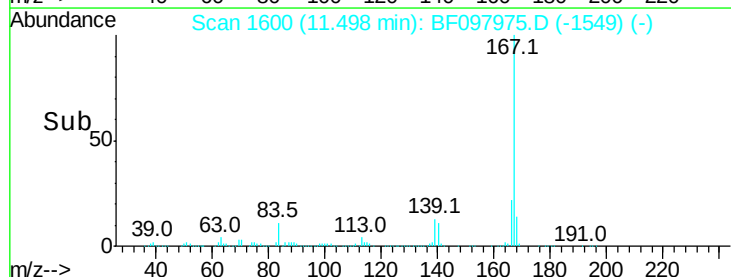
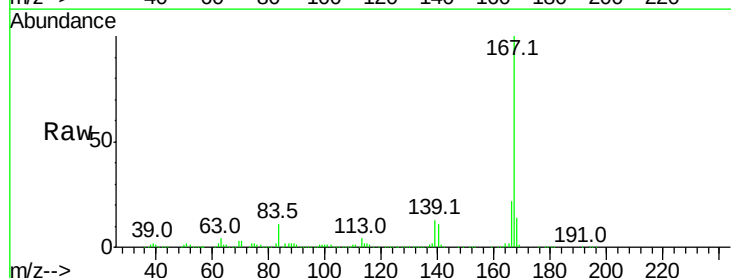
Manual Integrations
 APPROVED

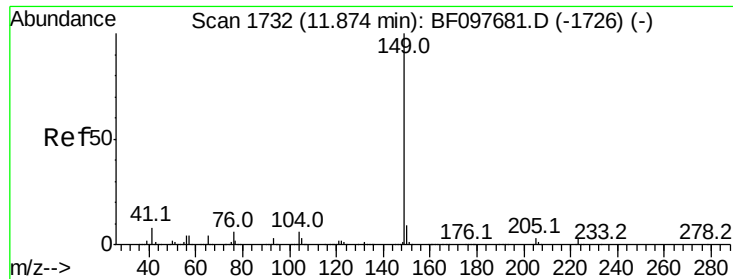
Sohil
 8/23/2017 3:03:54 PM



#72
 Carbazole
 Concen: 36.493 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.5	11.7	17.5





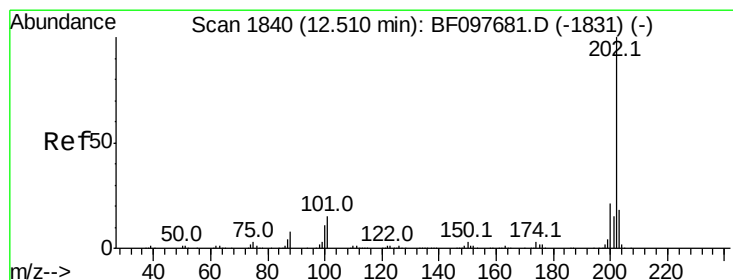
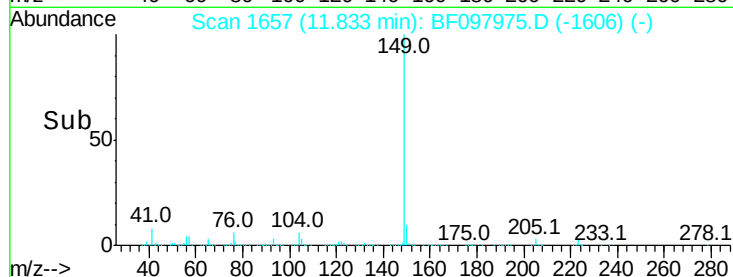
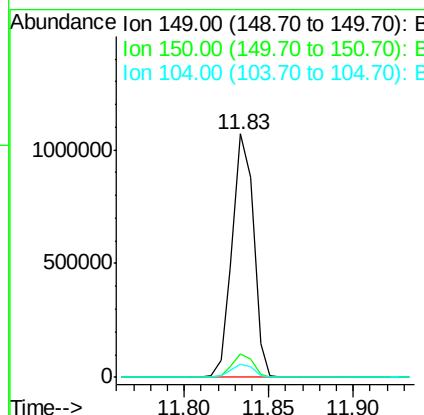
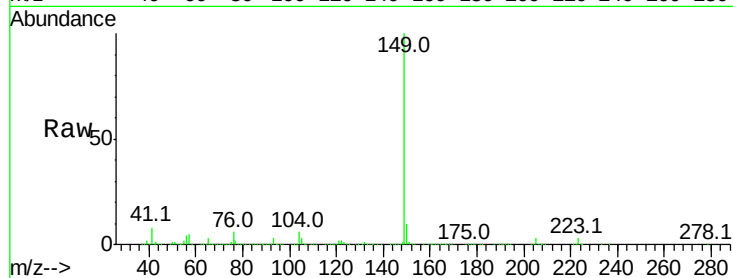
#73
Di-n-butylphthalate
Concen: 46.410 ng
RT: 11.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampled :
SP-5-6MS

Tot Ion:	149	Resp:	940934
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.6	4.0	6.0

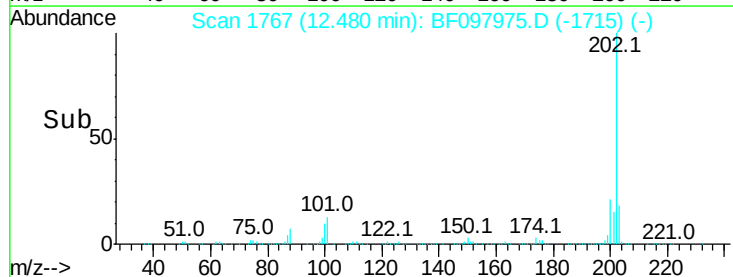
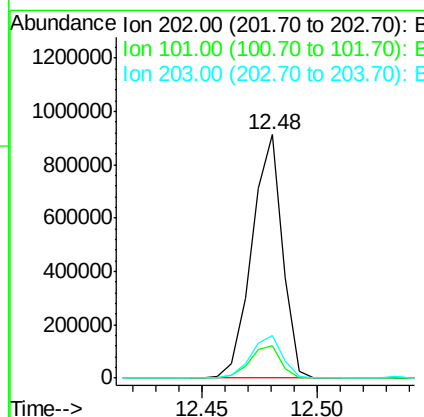
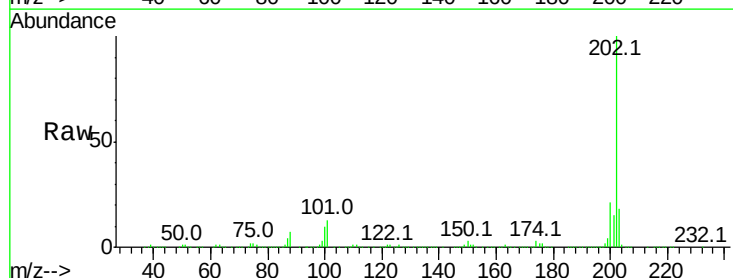
Manual Integrations
APPROVED

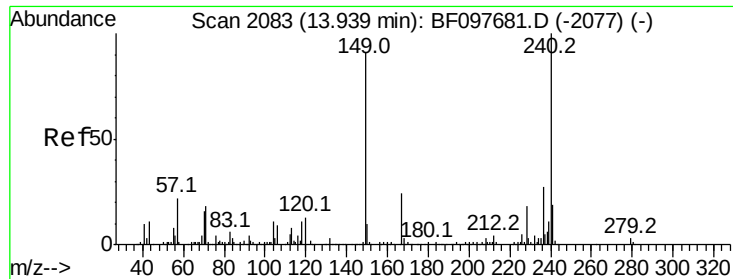
Sohil
8/23/2017 3:03:54 PM



#74
Fluoranthene
Concen: 44.024 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:	202	Resp:	840088
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

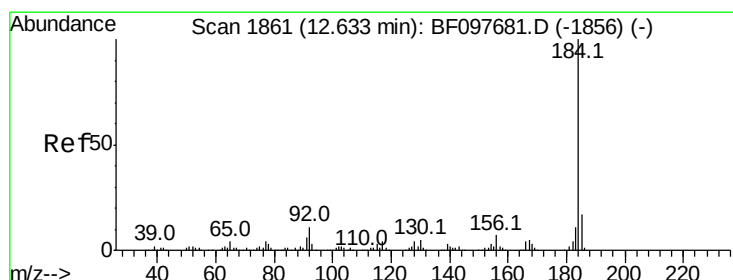
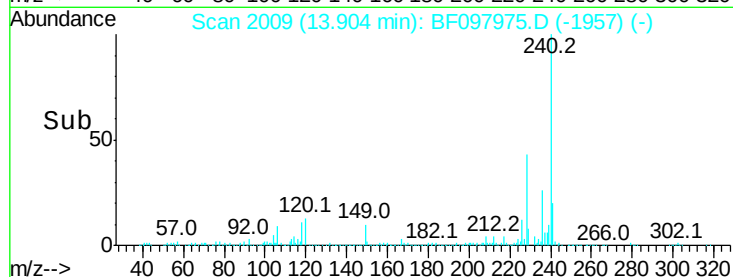
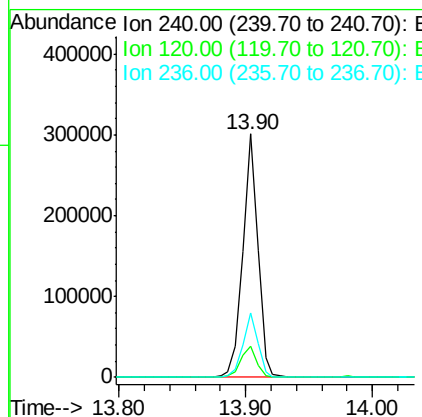
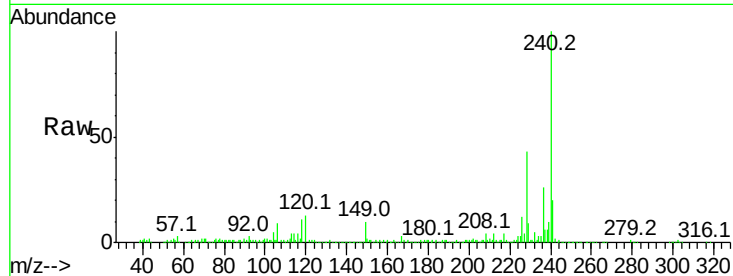
ClientSampleId :

SP-5-6MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	26.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#76

Benzidine

Concen: 32.928 ng

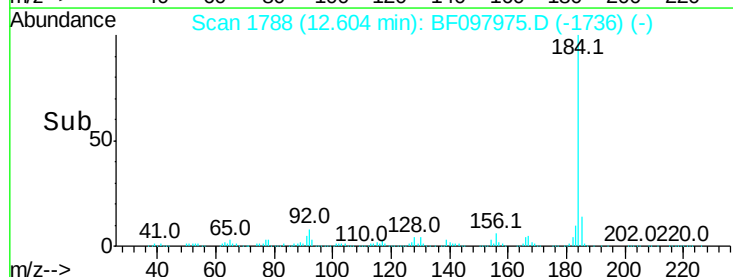
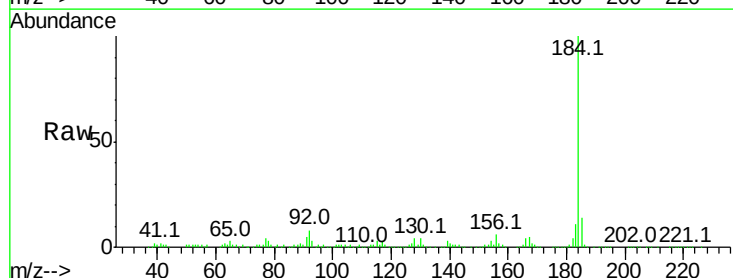
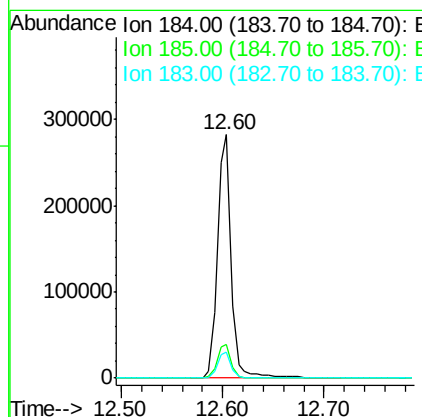
RT: 12.60 min Scan# 1788

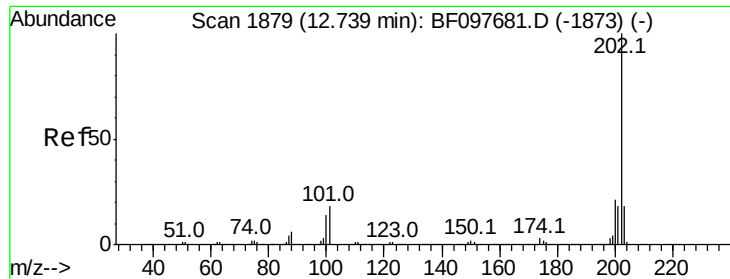
Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	10.5	9.8	14.6





#77

Pvrene

Concen: 43.035 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF097975.D

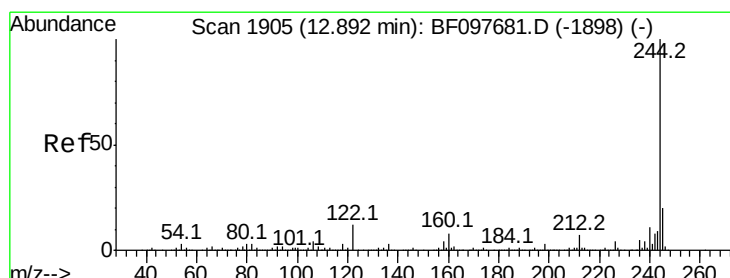
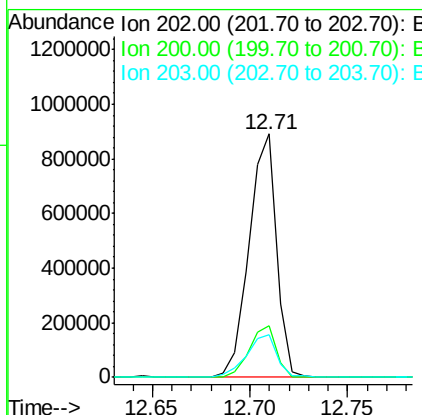
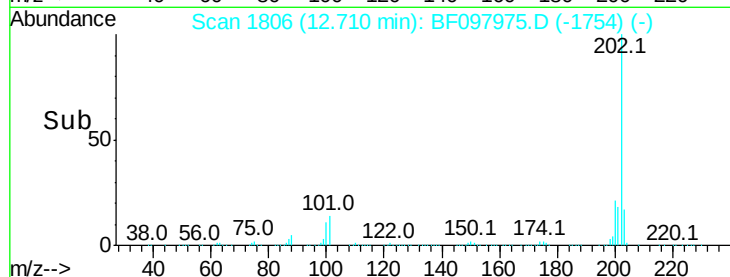
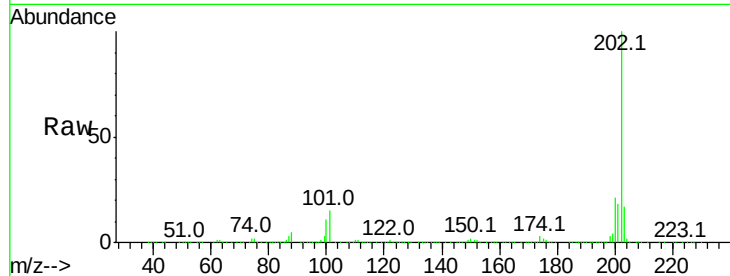
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.4	14.4	21.6

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#78

Terphenyl-d14

Concen: 63.641 ng

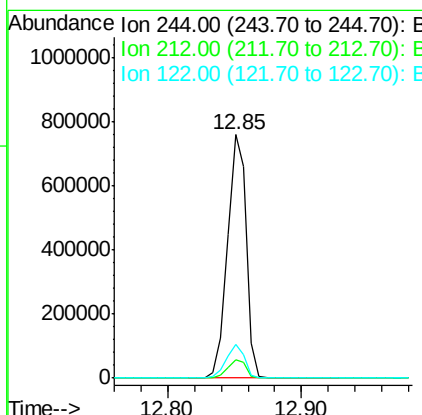
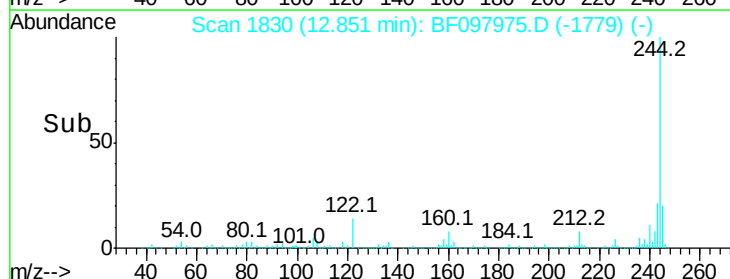
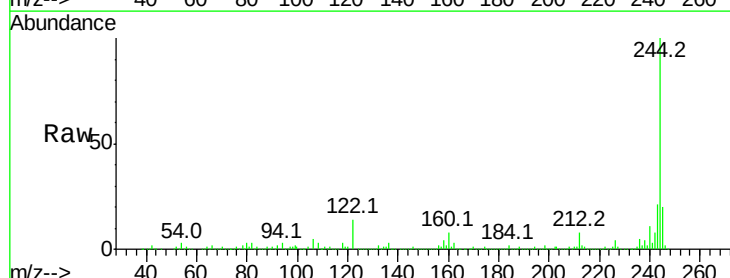
RT: 12.85 min Scan# 1830

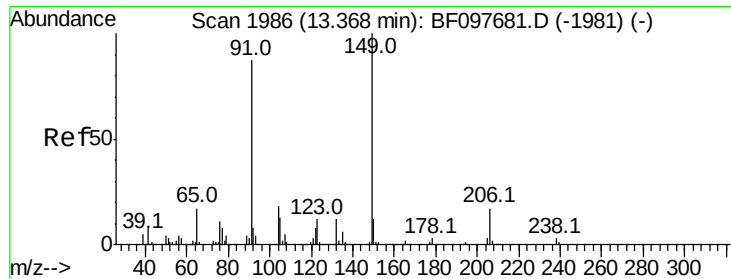
Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.9	10.3	15.5





#79

Butylbenzylphthalate

Concen: 43.481 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

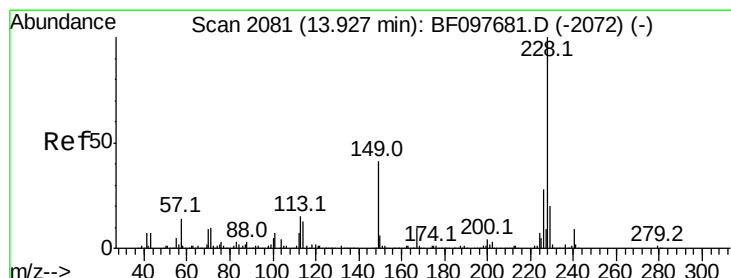
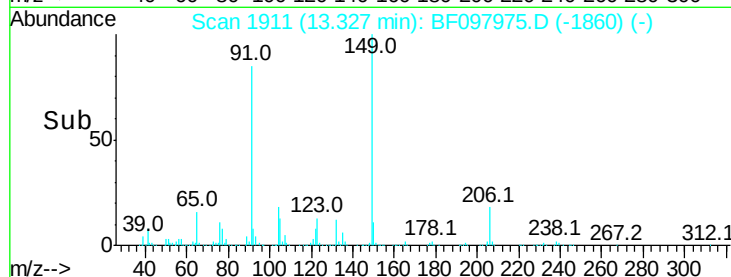
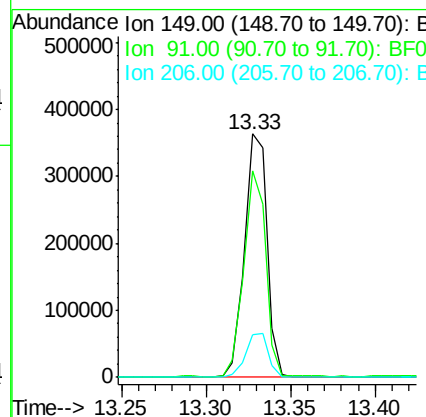
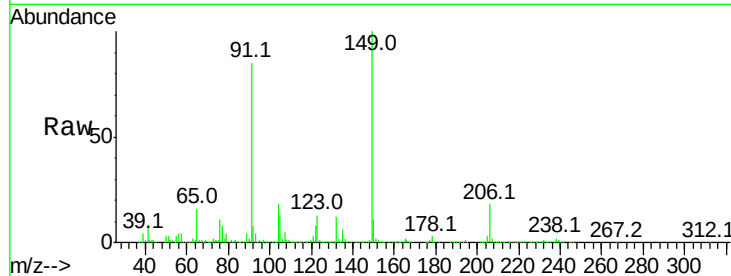
ClientSampled :

SP-5-6MS

Tot Ion:	149	Resp:	335972
Ion Ratio	Lower	Upper	
149	100		
91	84.7	45.0	67.4#
206	17.7	17.0	25.6

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM



#80

Benzo(a)anthracene

Concen: 43.296 ng

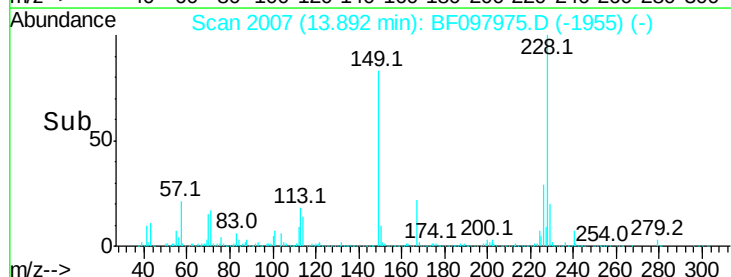
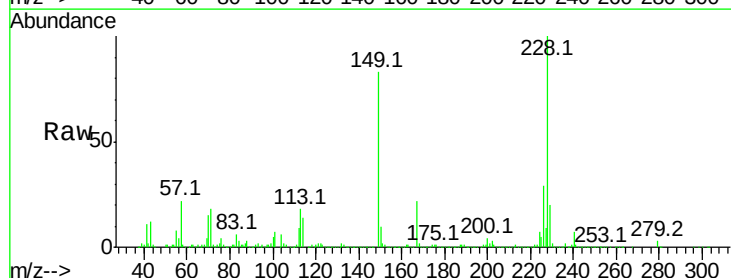
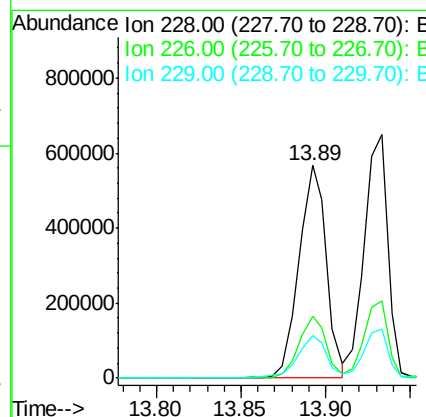
RT: 13.89 min Scan# 2007

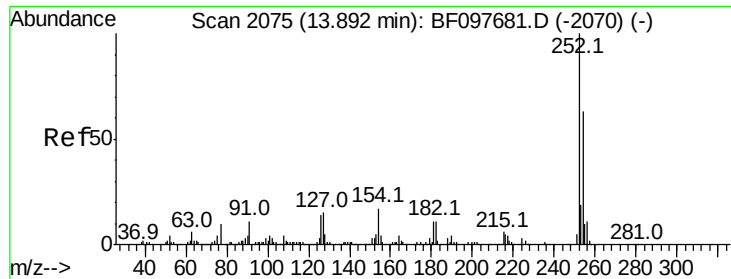
Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:	228	Resp:	639407
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.6	33.8
229	20.4	16.3	24.5





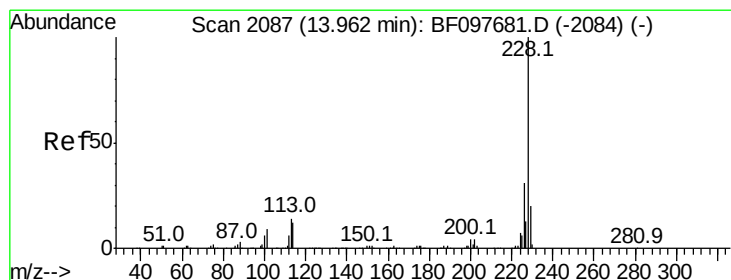
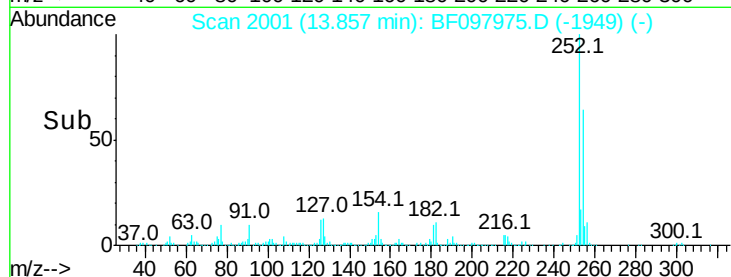
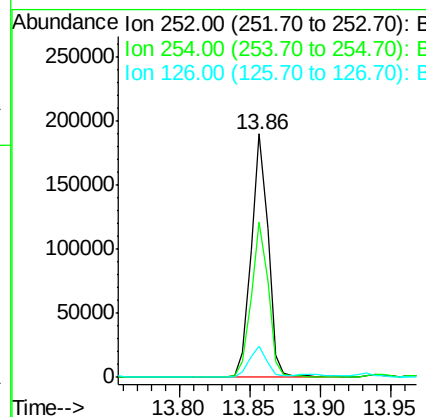
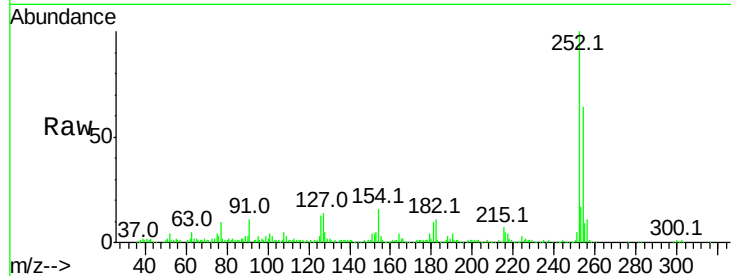
#81
 3,3'-Dichlorobenzidine
 Concen: 32.235 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	51.5	77.3
126	12.7	15.8	23.8

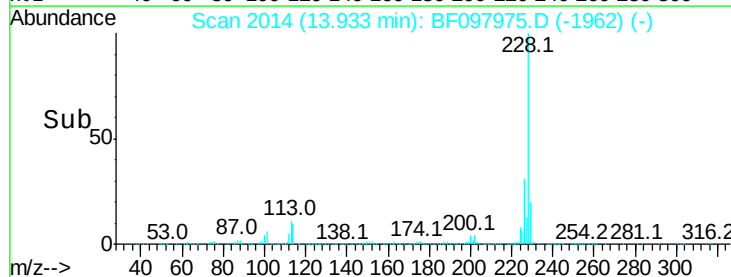
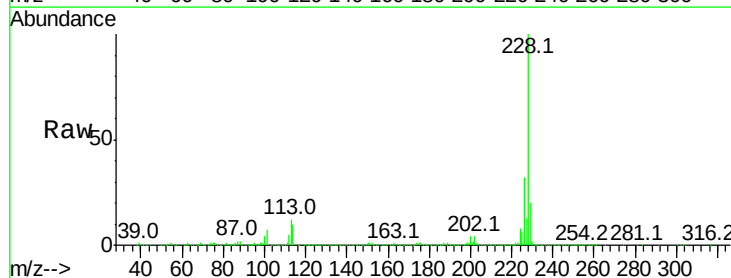
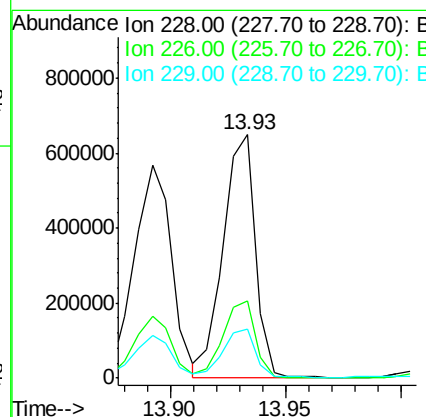
Manual Integrations
 APPROVED

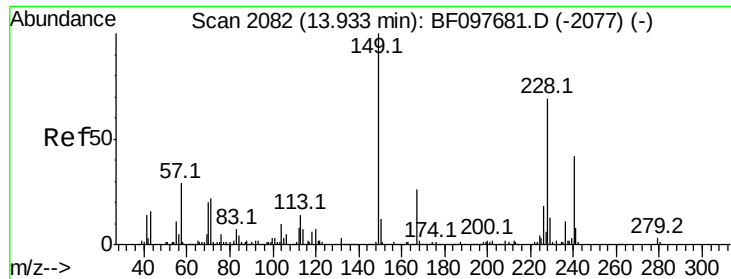
Sohil
 8/23/2017 3:03:54 PM



#82
 Chrysene
 Concen: 42.478 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.988 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

Tot Ion:149 Resp: 410882
Ion Ratio Lower Upper

149 100

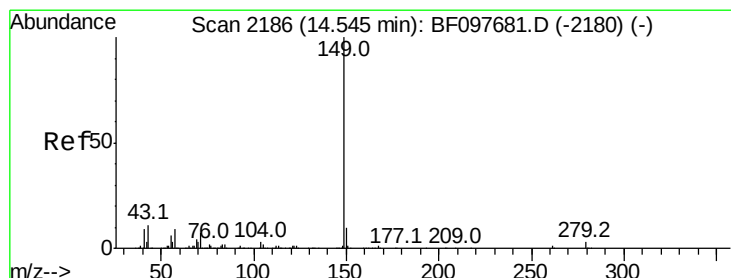
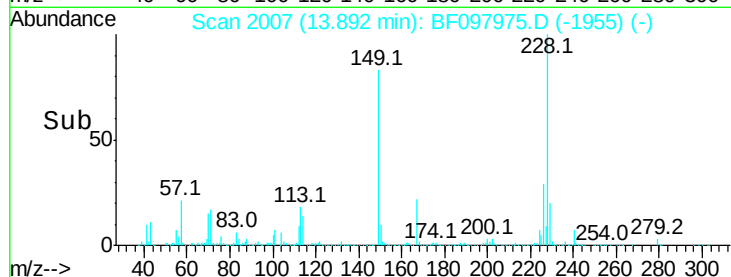
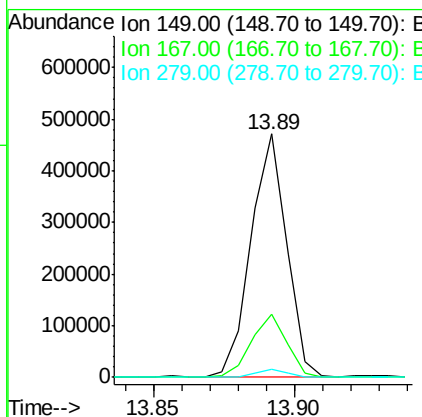
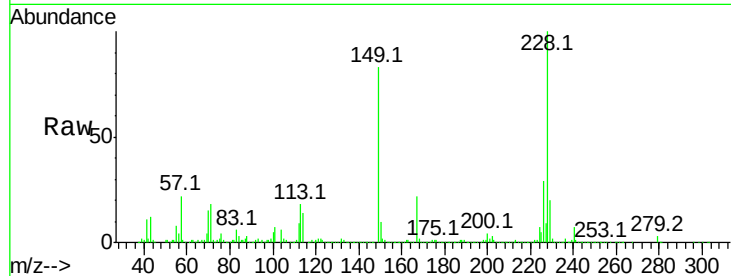
167 25.9 21.0 31.4

279 3.1 1.9 2.9#

Manual Integrations
APPROVED

Sohil

8/23/2017 3:03:54 PM



#84

Di-n-octyl phthalate

Concen: 53.863 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BF097975.D

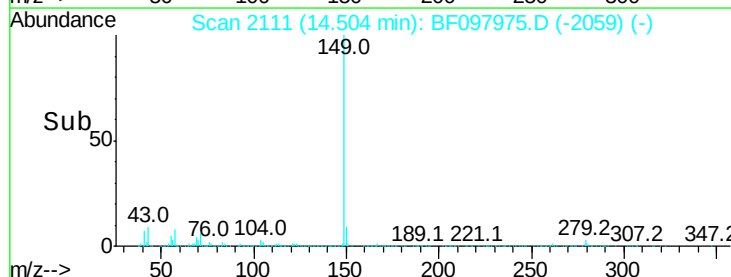
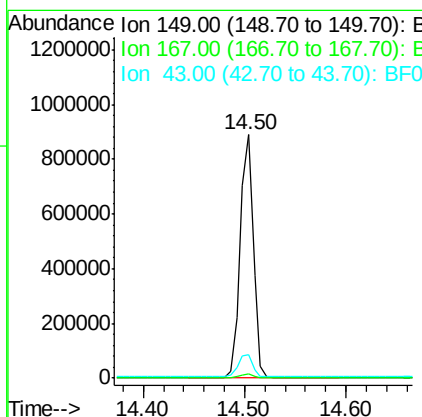
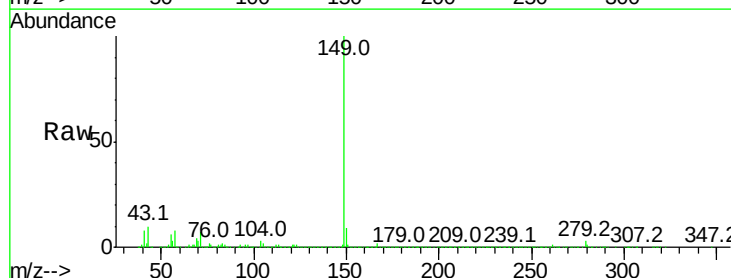
Acq: 23 Aug 2017 1:20

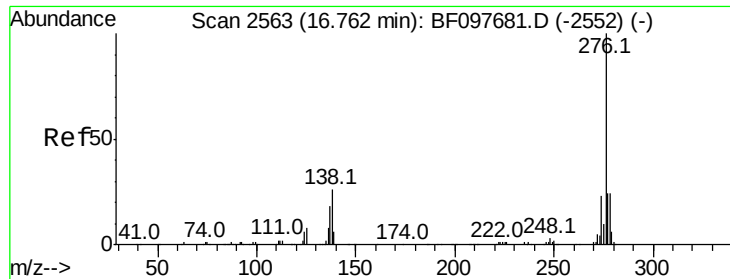
Tgt Ion:149 Resp: 802447
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 8.5 12.7





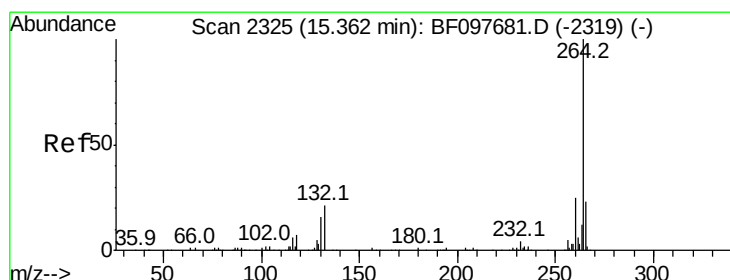
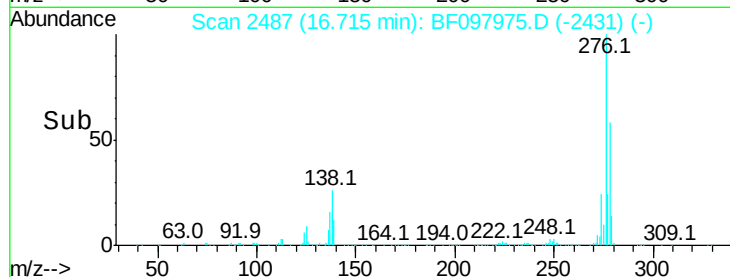
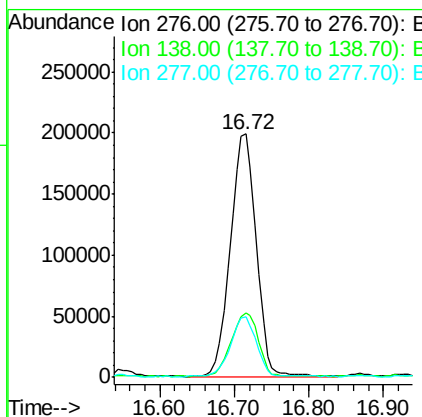
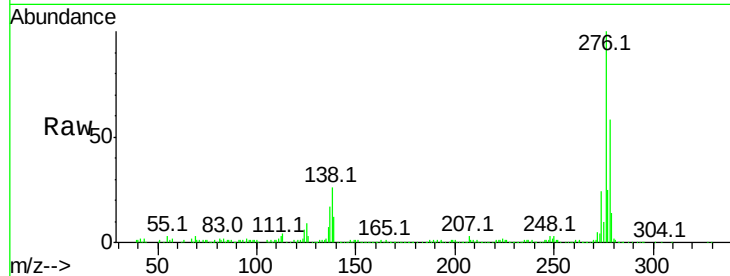
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.154 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.03 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
277	24.6	20.2	30.4

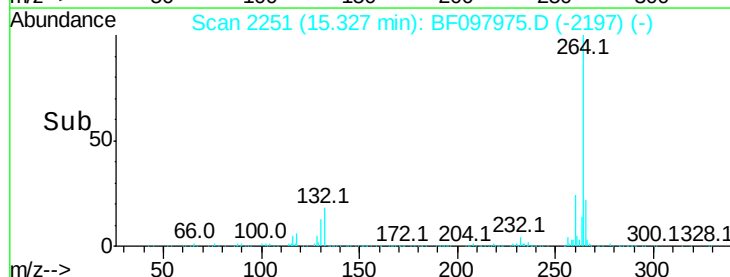
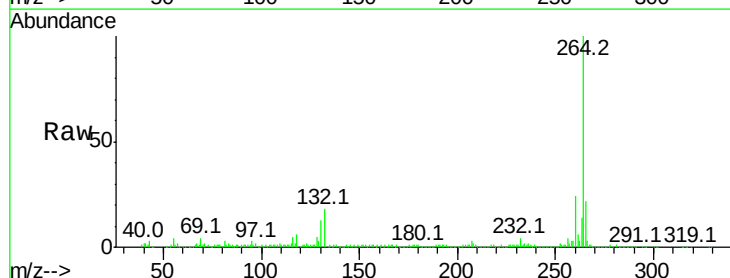
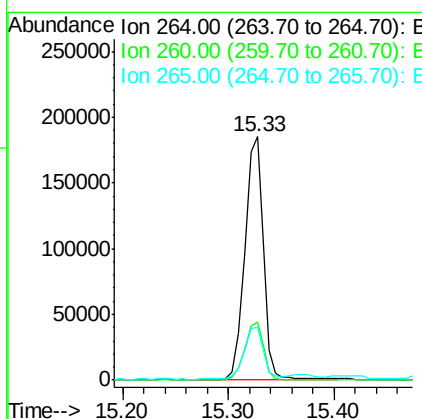
Manual Integrations
 APPROVED

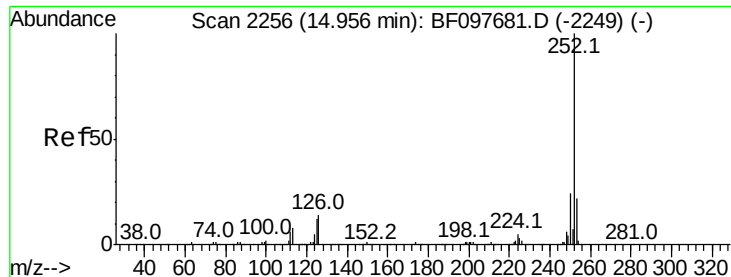
Sohil
 8/23/2017 3:03:54 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.02 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.2	25.8





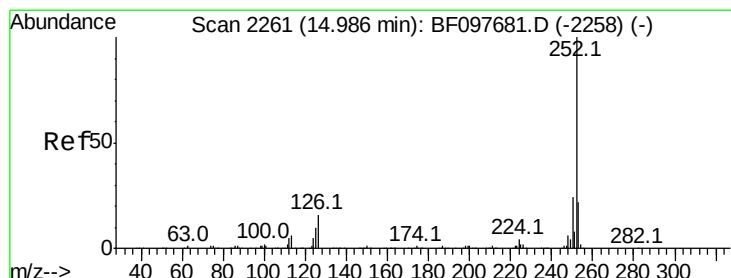
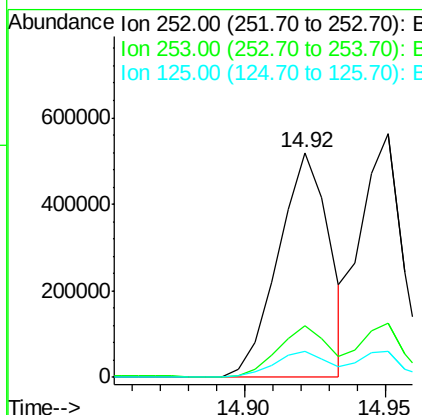
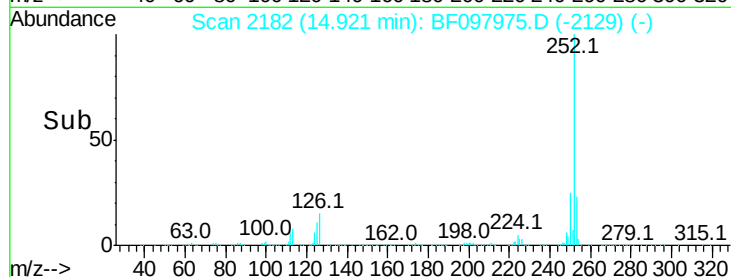
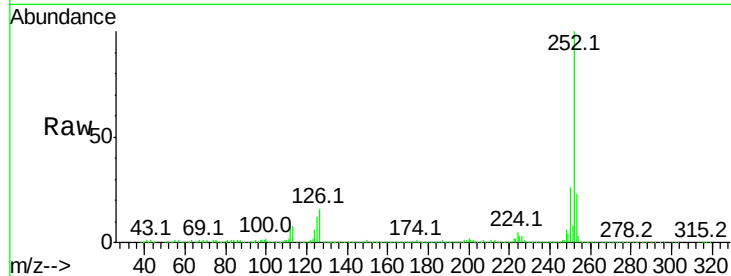
#87
Benzo(b)fluoranthene
Concen: 45.893 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.6	9.8	14.8

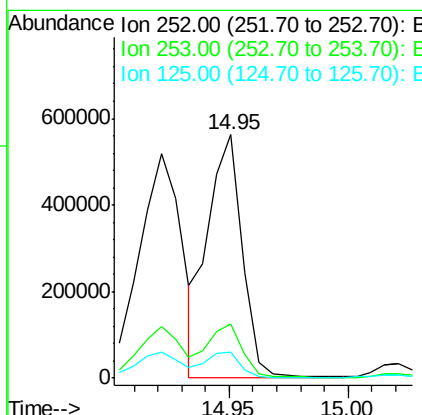
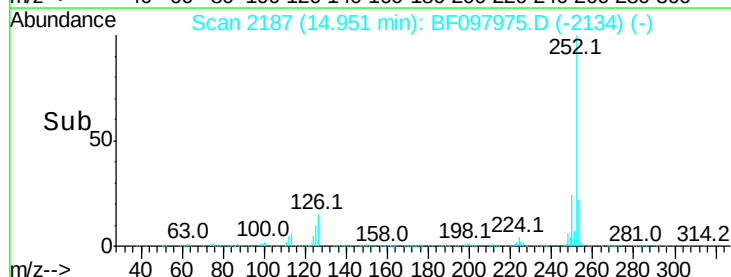
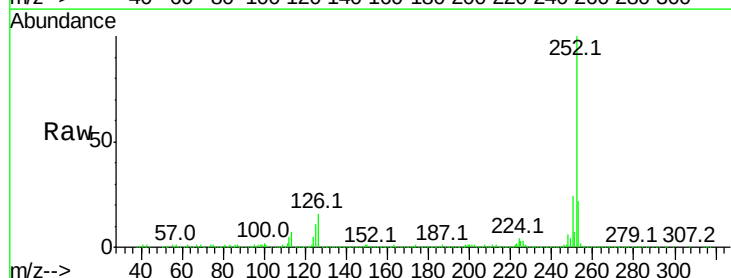
Manual Integrations
APPROVED

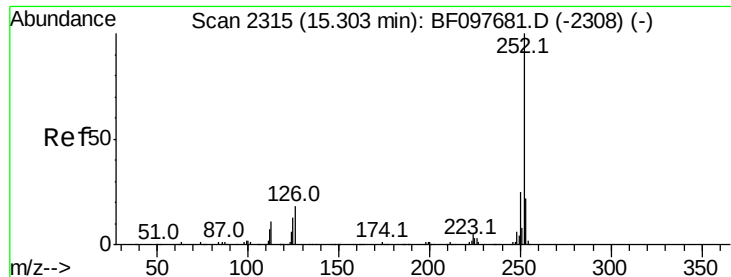
Sohil
8/23/2017 3:03:54 PM



#88
Benzo(k)fluoranthene
Concen: 42.581 ng m
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	10.6	13.1	19.7#





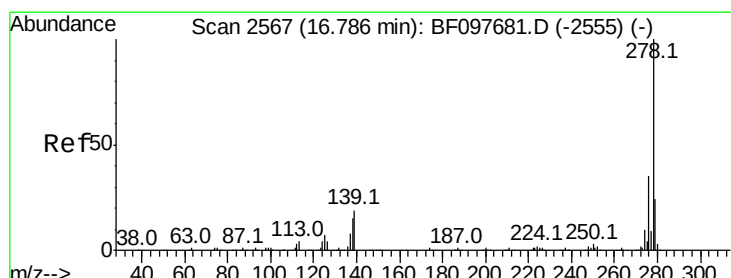
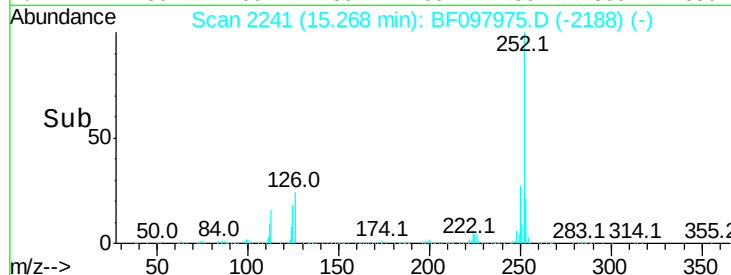
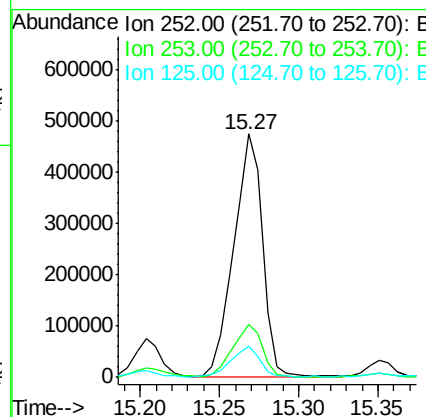
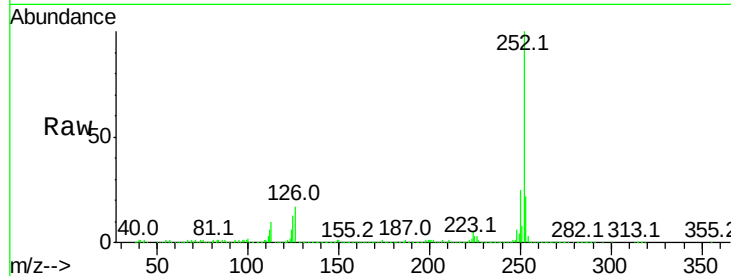
#89
Benzo(a)pyrene
Concen: 47.227 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	12.6	11.0	16.4

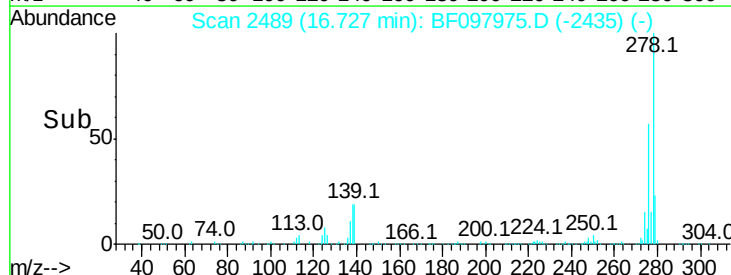
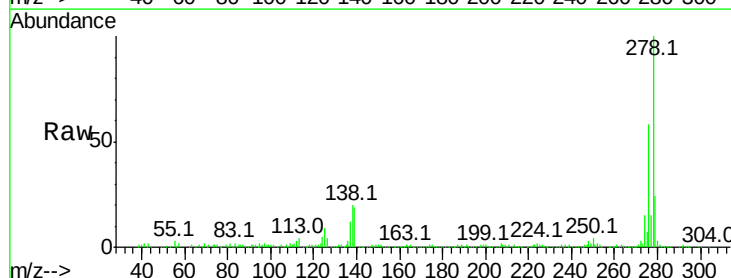
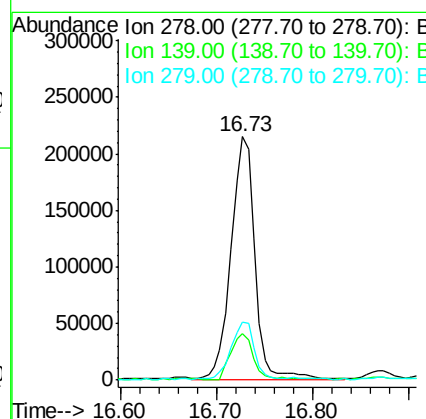
Manual Integrations
APPROVED

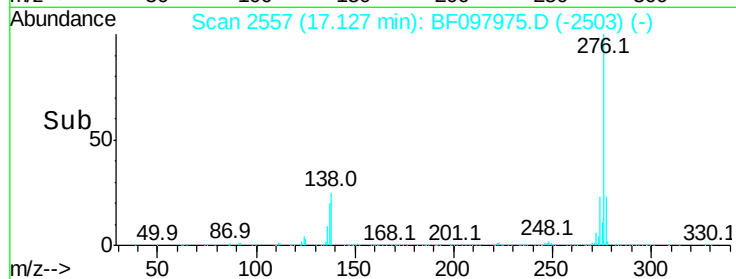
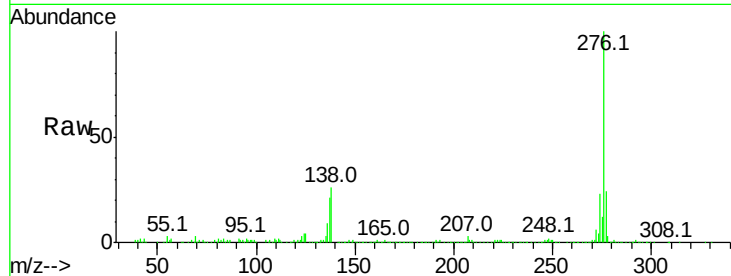
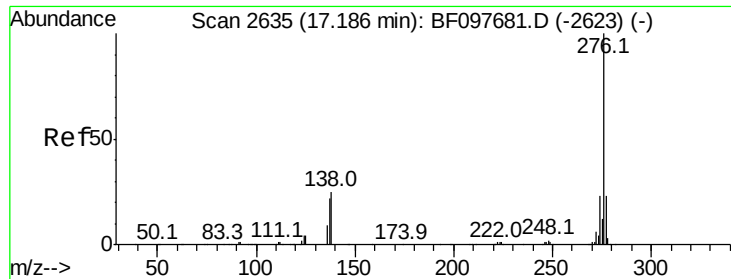
Sohil
8/23/2017 3:03:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.809 ng m
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 36.217 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

Tot Ion:	276	Resp:	387248
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	25.8	25.4	38.0

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:54 PM

