

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097971.D
 Acq On : 22 Aug 2017 23:27
 Operator : SJ/JU
 Sample : I4872-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM

Quant Time: Aug 23 12:27:57 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	138182	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	557324	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	244135	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	411491	20.00	ng	0.00
75) Chrysene-d12	13.90	240	266055	20.00	ng	0.00
86) Perylene-d12	15.32	264	252291	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1008134	110.97	ng	0.02
7) Phenol-d6	6.40	99	1375461	111.43	ng	0.01
23) Nitrobenzene-d5	7.32	82	892832	87.03	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	204080	96.34	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1283400	77.24	ng	0.00
78) Terphenyl-d14	12.85	244	854827	67.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	135474	26.740	ng	89
3) Pyridine	3.20	79	356574	25.459	ng	86
4) n-Nitrosodimethylamine	3.13	42	171337	31.793	ng	79
6) Aniline	6.42	93	450722	25.994	ng	# 92
8) 2-Chlorophenol	6.54	128	331050	34.554	ng	97
9) Benzaldehyde	6.30	77	287846	36.817	ng	87
10) Phenol	6.41	94	499345	34.590	ng	92
11) bis(2-Chloroethyl)ether	6.49	93	379145	34.797	ng	96
12) 1,3-Dichlorobenzene	6.69	146	312334	30.308	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	317072	30.252	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	301670	31.215	ng	99
15) Benzyl Alcohol	6.90	79	338639	36.644	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	501116	34.183	ng	90
17) 2-Methylphenol	7.02	107	300842	35.633	ng	95
18) Hexachloroethane	7.26	117	116446	28.338	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	287324	34.004	ng	88
20) 3+4-Methylphenols	7.16	107	353489	34.279	ng	# 87
22) Acetophenone	7.16	105	498692	33.871	ng	# 91
24) Nitrobenzene	7.34	77	436962	38.253	ng	95
25) Isophorone	7.57	82	796903	37.356	ng	96
26) 2-Nitrophenol	7.65	139	122099	31.530	ng	# 78
27) 2,4-Dimethylphenol	7.69	122	298382	33.538	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	516129	36.801	ng	98
29) 2,4-Dichlorophenol	7.89	162	255043	34.534	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	272352	33.266	ng	99
31) Naphthalene	8.06	128	967106	33.425	ng	100
32) Benzoic acid	7.75	122	4525m	7.009	ng	
33) 4-Chloroaniline	8.10	127	339538	27.826	ng	98
34) Hexachlorobutadiene	8.17	225	151088	31.608	ng	97
35) Caprolactam	8.47	113	77556m	30.890	ng	
36) 4-Chloro-3-methylphenol	8.59	107	307291	32.385	ng	# 79
37) 2-Methylnaphthalene	8.75	142	643980	36.303	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	264052	35.243	ng	98
40) Hexachlorocyclopentadiene	8.90	237	110013	30.564	ng	98

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097971.D
 Acq On : 22 Aug 2017 23:27
 Operator : SJ/JU
 Sample : I4872-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM

Quant Time: Aug 23 12:27:57 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	162568	32.318	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	156491	31.359	nq	96
45) 1,1'-Biphenyl	9.21	154	760843	34.176	nq	96
46) 2-Chloronaphthalene	9.23	162	557664	33.902	nq #	91
47) 2-Nitroaniline	9.33	65	229730	41.659	nq	96
48) Acenaphthylene	9.65	152	884912	34.257	nq	100
49) Dimethylphthalate	9.52	163	933553	52.313	nq	100
50) 2,6-Dinitrotoluene	9.57	165	139820	39.252	nq #	52
51) Acenaphthene	9.82	154	531597	32.630	nq	99
52) 3-Nitroaniline	9.75	138	164658	35.828	nq	88
53) 2,4-Dinitrophenol	9.85	184	5598	13.027	nq #	78
54) Dibenzofuran	9.99	168	796201	36.465	nq	99
55) 4-Nitrophenol	9.91	139	147926	40.349	nq #	51
56) 2,4-Dinitrotoluene	9.97	165	172913	38.680	nq #	47
57) Fluorene	10.33	166	570949	33.822	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	110956	28.718	nq	97
59) Diethylphthalate	10.22	149	722580	38.720	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	278989	35.574	nq	91
61) 4-Nitroaniline	10.36	138	153642	35.174	nq #	72
62) Azobenzene	10.49	77	816915	36.852	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	9031	12.171	nq	91
65) n-Nitrosodiphenylamine	10.45	169	546620	39.009	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	169746	39.725	nq	98
67) Hexachlorobenzene	10.88	284	157753	36.220	nq #	87
68) Atrazine	10.97	200	150232	40.427	nq	97
69) Pentachlorophenol	11.07	266	89196	35.124	nq	99
70) Phenanthrene	11.29	178	789097	35.987	nq	100
71) Anthracene	11.35	178	785359	35.313	nq	99
72) Carbazole	11.50	167	708775	33.574	nq	98
73) Di-n-butylphthalate	11.83	149	1025288	42.165	nq	99
74) Fluoranthene	12.48	202	729982	31.895	nq	97
76) Benzidine	12.60	184	106642	12.225	nq	93
77) Pyrene	12.70	202	733882	33.726	nq	99
79) Butylbenzylphthalate	13.33	149	354423	42.482	nq #	68
80) Benzo(a)anthracene	13.89	228	545240	34.193	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	173480	32.241	nq #	95
82) Chrysene	13.93	228	550590	34.710	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	449458	48.617	nq #	100
84) Di-n-octyl phthalate	14.50	149	818366	50.875	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	484369	41.509	nq	93
87) Benzo(b)fluoranthene	14.92	252	586113	36.856	nq	100
88) Benzo(k)fluoranthene	14.94	252	510253	34.152	nq #	94
89) Benzo(a)pyrene	15.27	252	526789	37.419	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	405963	35.420	nq	97
91) Benzo(g,h,i)perylene	17.12	276	383046	32.030	nq #	92

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

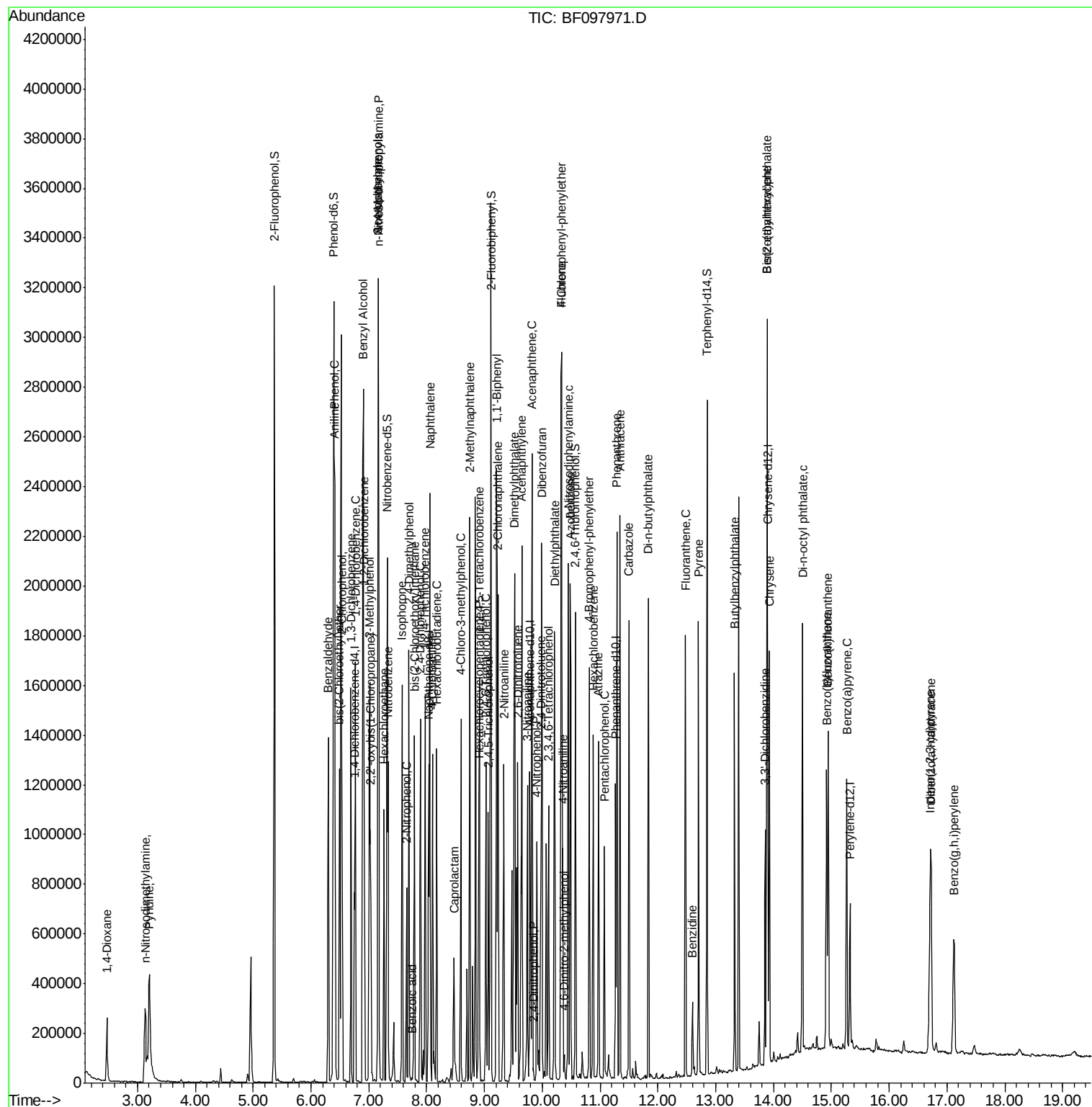
Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097971.D
 Acq On : 22 Aug 2017 23:27
 Operator : SJ/JU
 Sample : I4872-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

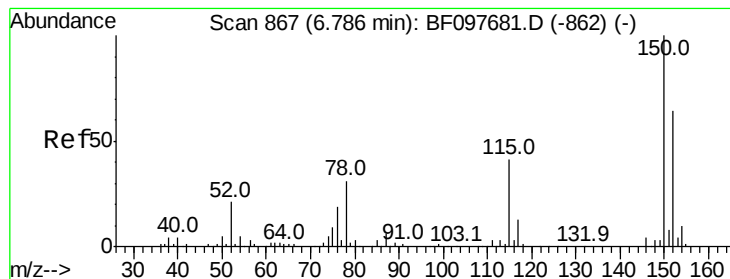
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM

Quant Time: Aug 23 12:27:57 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





#1

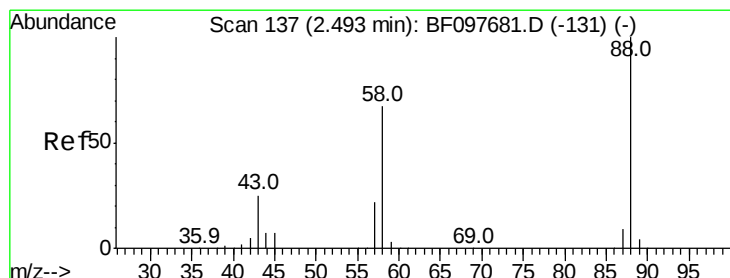
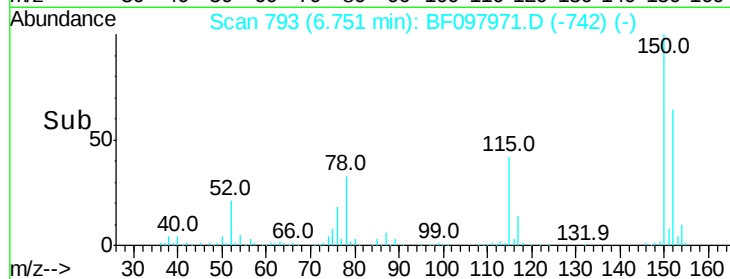
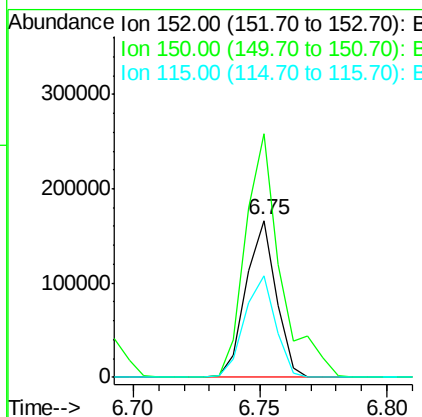
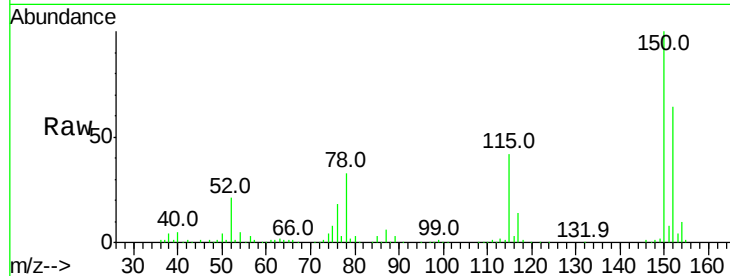
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampled :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	64.6	52.2	78.2

Manual Integrations
 APPROVED

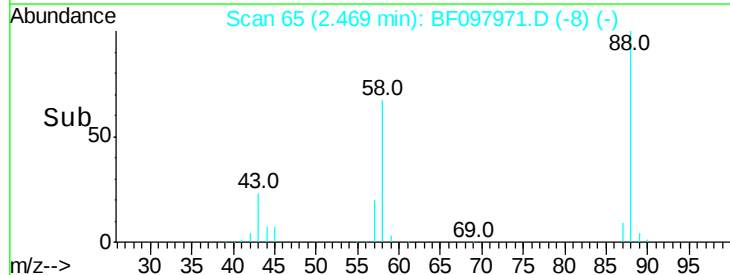
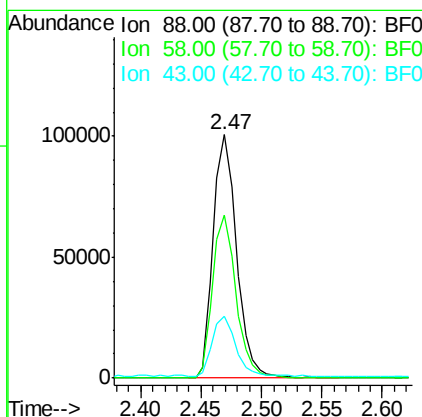
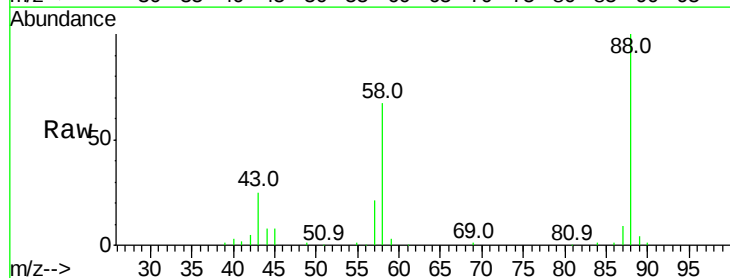
Sohil
 8/23/2017 3:03:51 PM

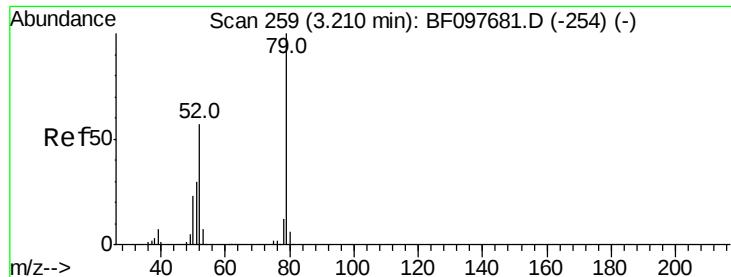


#2

1,4-Dioxane
 Concen: 26.740 ng
 RT: 2.47 min Scan# 65
 Delta R.T. 0.04 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	61.4	92.0
43	24.4	23.4	35.0





#3

Pvridine

Concen: 25.459 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.07 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

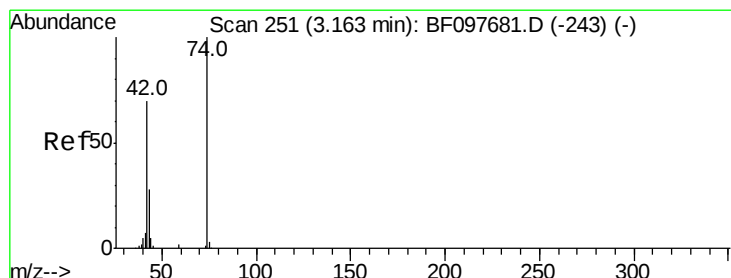
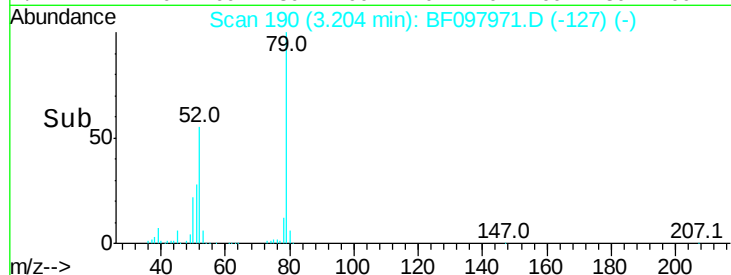
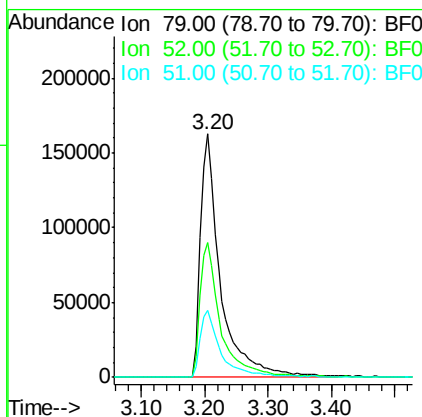
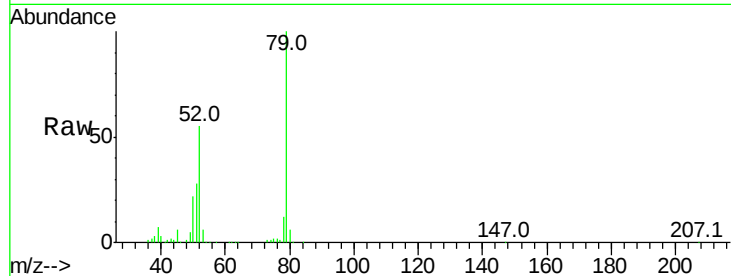
ClientSampleId :

SB-15-COMPMSD

Tot Ion:	79	Resp:	356574
Ion Ratio	Lower	Upper	
79	100		
52	55.4	54.8	82.2
51	27.6	27.0	40.4

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#4

n-Nitrosodimethylamine

Concen: 31.793 ng

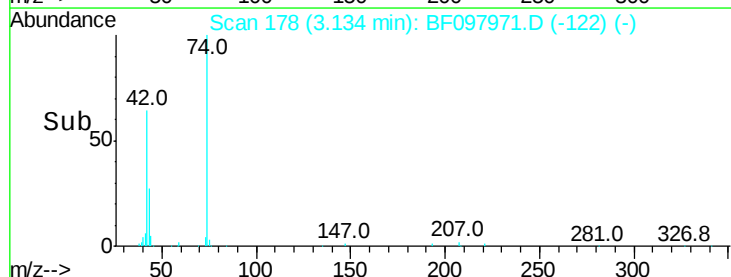
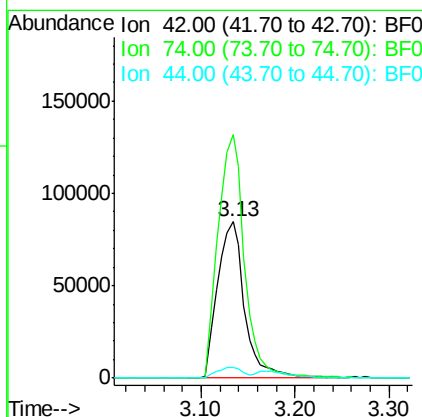
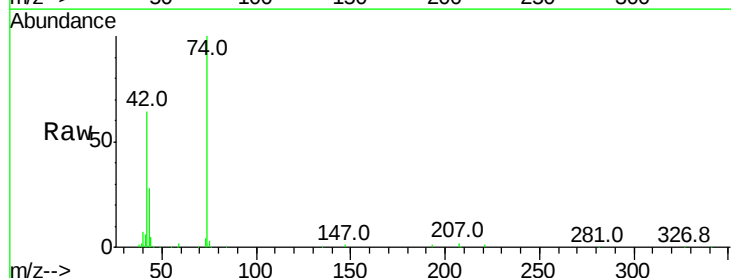
RT: 3.13 min Scan# 178

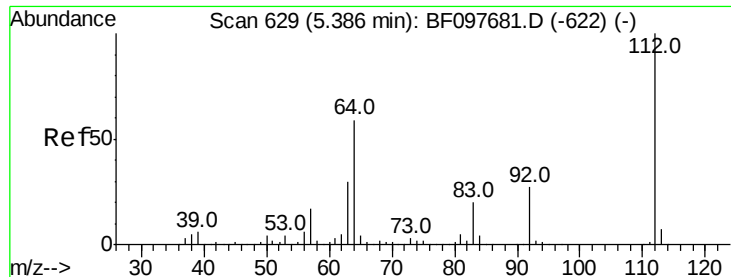
Delta R.T. 0.03 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion:	42	Resp:	171337
Ion Ratio	Lower	Upper	
42	100		
74	155.6	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 110.973 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

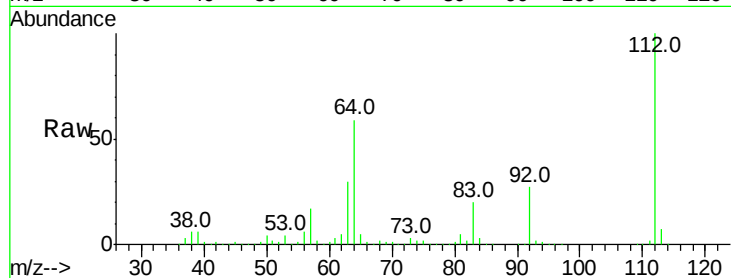
ClientSampleId :

SB-15-COMPMSD

Tot Ion:	112	Resp:	1008134
Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	29.5	23.4	35.0

Manual Integrations
APPROVED

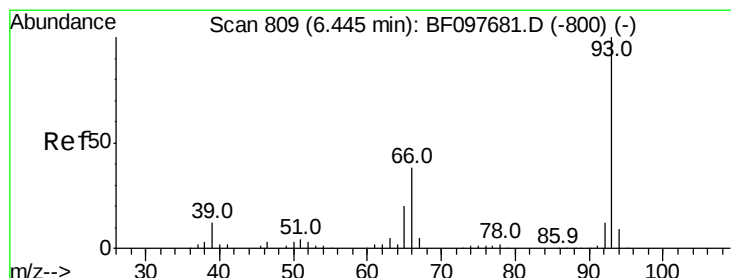
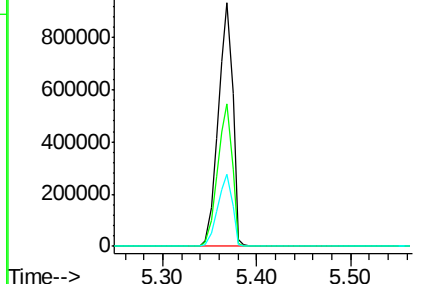
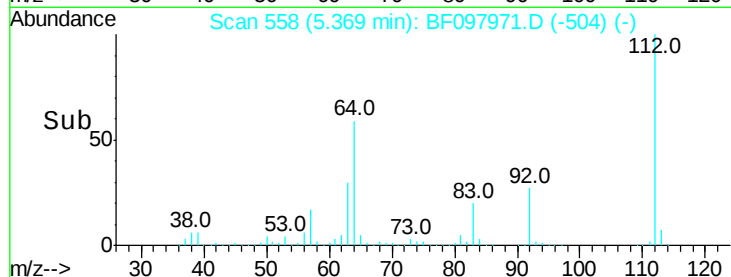
Sohil
8/23/2017 3:03:51 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.994 ng

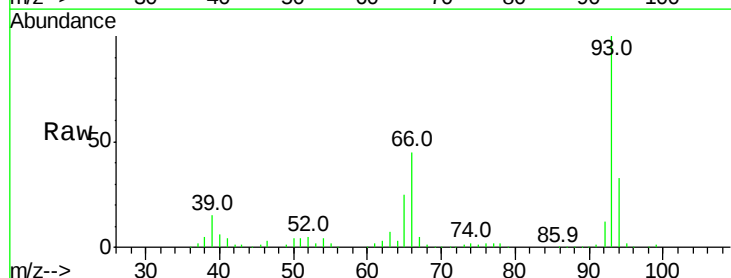
RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

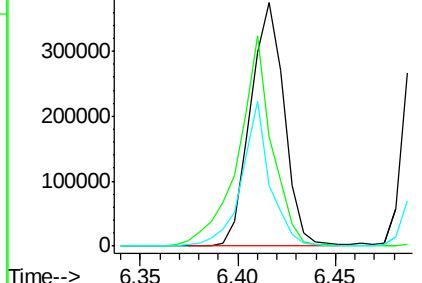
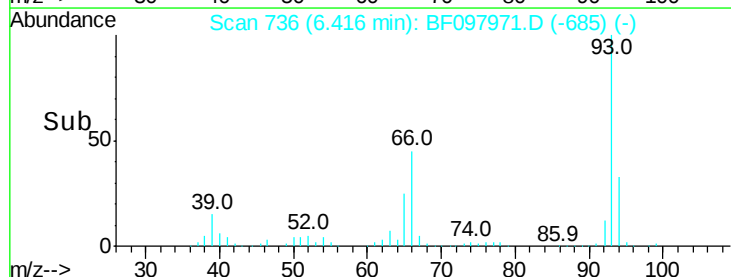
Tgt Ion:	93	Resp:	450722
Ion	Ratio	Lower	Upper
93	100		
66	44.9	32.9	49.3
65	24.8	16.0	24.0#

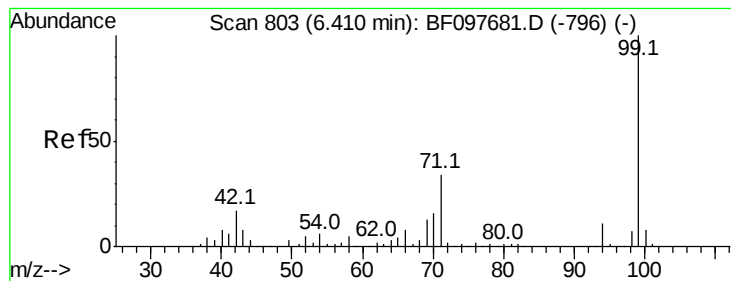


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.434 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

Tot Ion: 99 Resp: 1375461

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

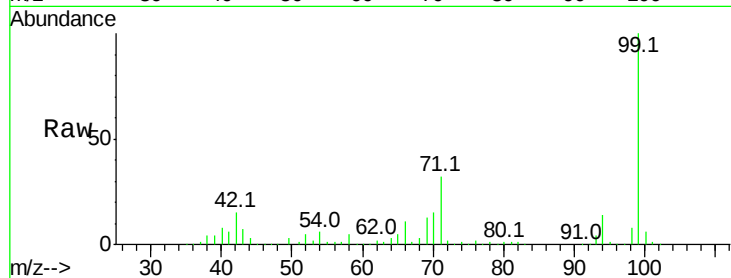
71 32.3 24.5 36.7

Manual Integrations

APPROVED

Sohil

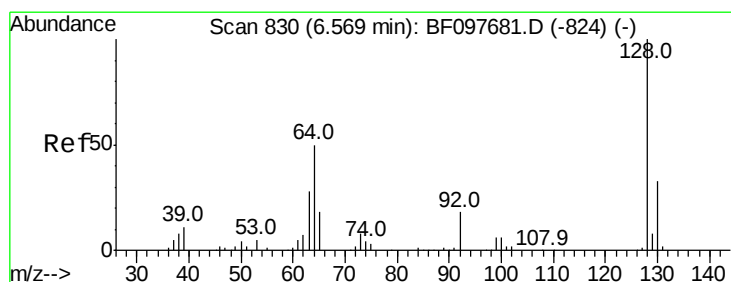
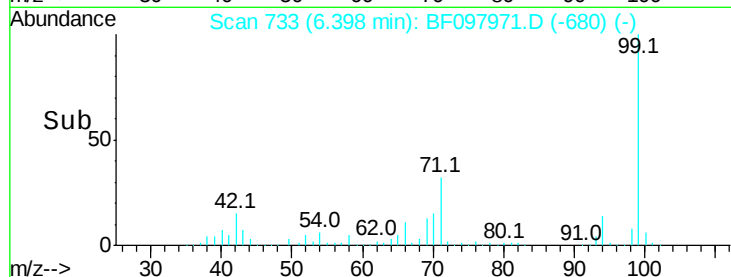
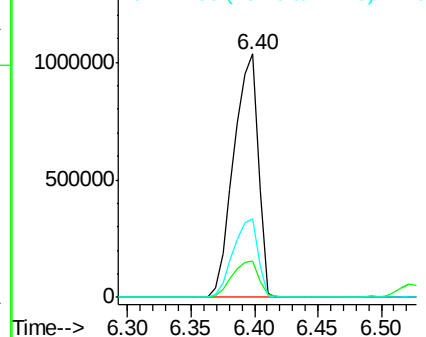
8/23/2017 3:03:51 PM



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: 34.554 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

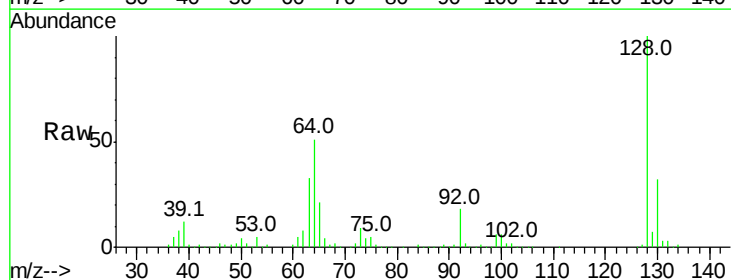
Tgt Ion:128 Resp: 331050

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

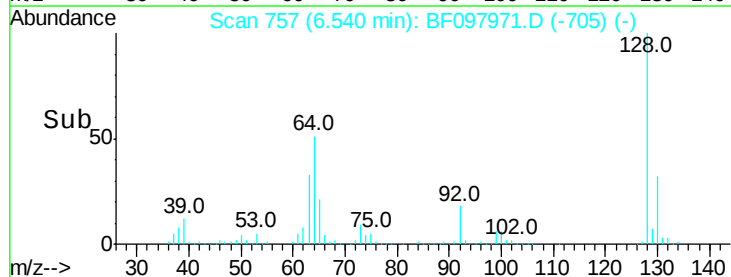
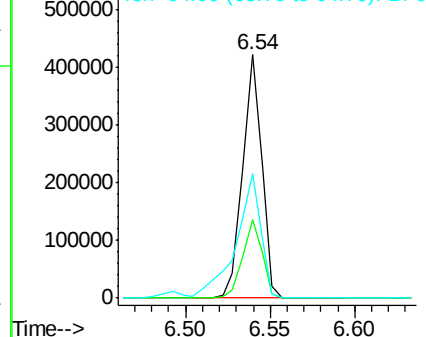
64 51.4 28.4 68.4

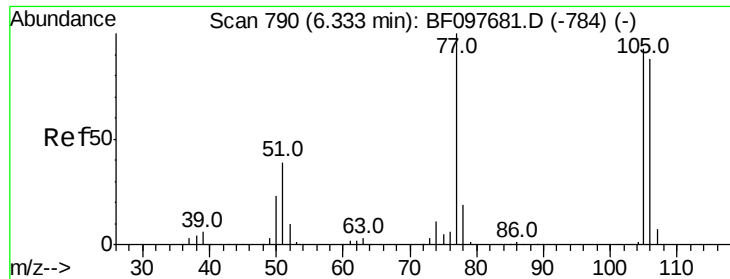


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.817 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

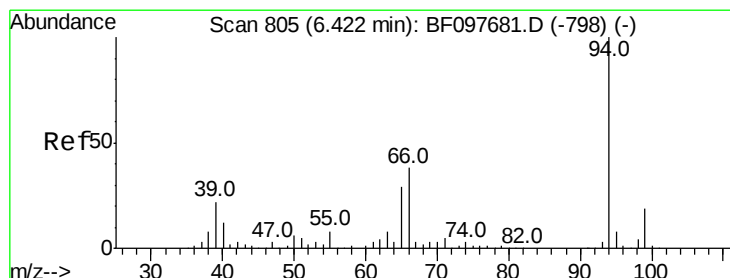
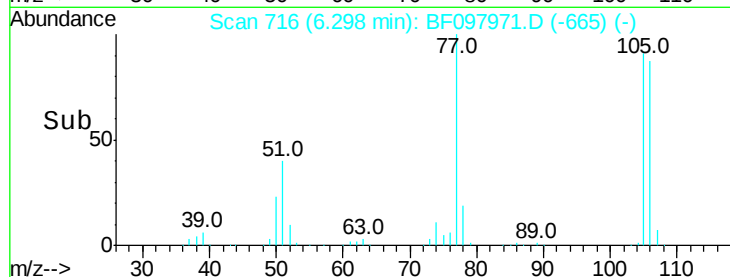
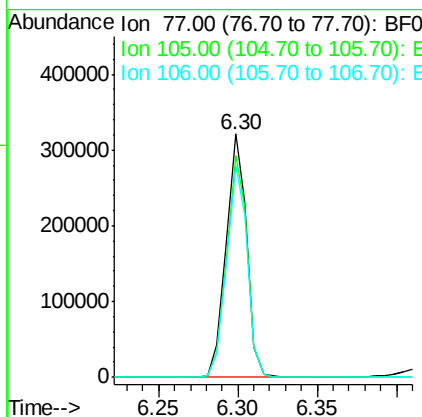
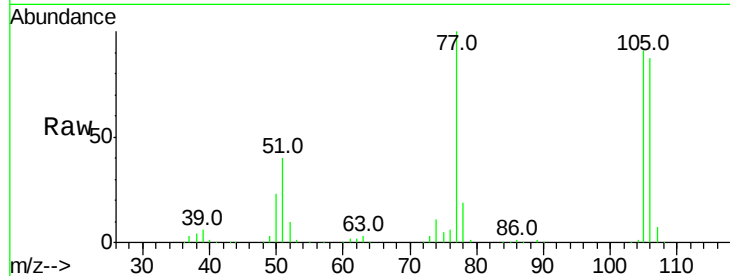
ClientSampleId :

SB-15-COMPMSD

Tot Ion:	77	Resp:	287846
Ion	Ratio	Lower	Upper
77	100		
105	91.0	83.8	123.8
106	86.7	79.1	119.1

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#10

Phenol

Concen: 34.590 ng

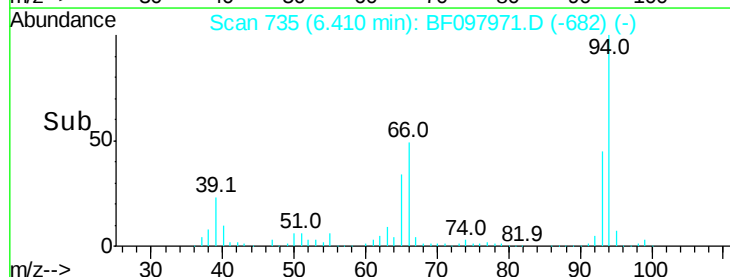
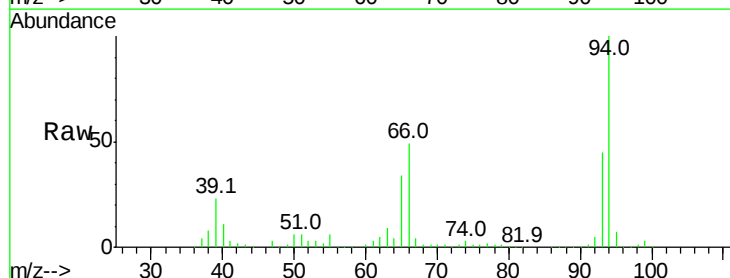
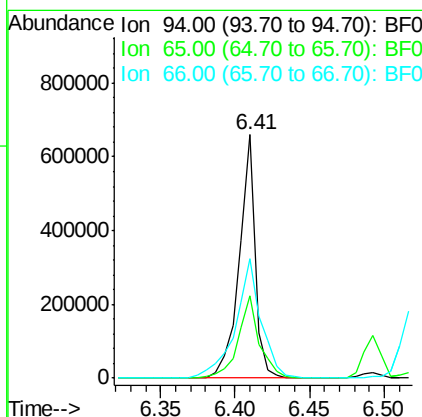
RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion:	94	Resp:	499345
Ion	Ratio	Lower	Upper
94	100		
65	33.8	9.9	49.9
66	48.9	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 34.797 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

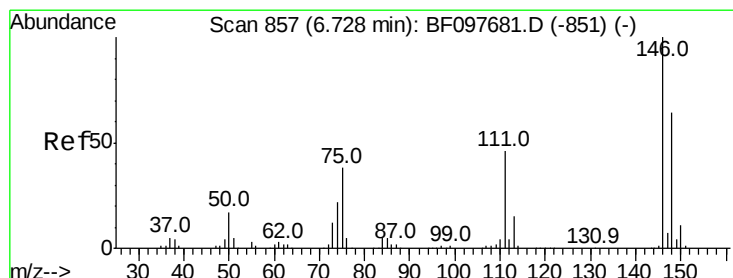
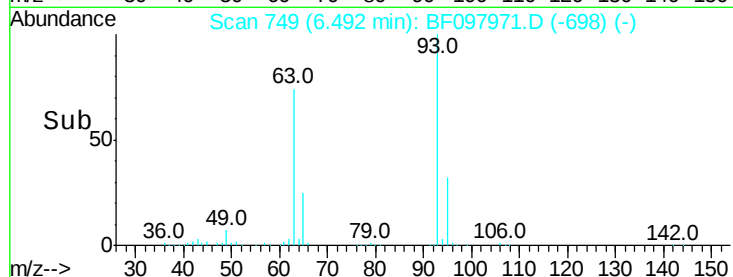
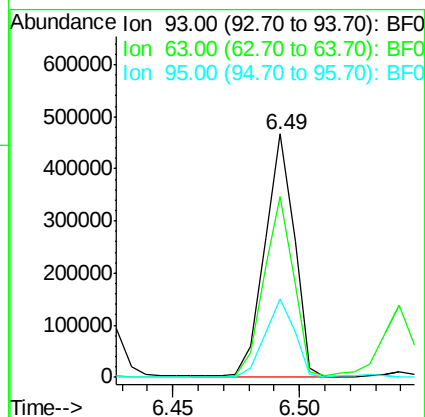
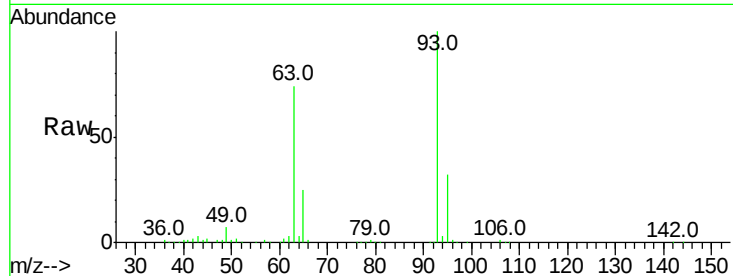
ClientSampleId :

SB-15-COMPMSD

Tot Ion:	93	Resp:	379145
Ion	Ratio	Lower	Upper
93	100		
63	74.3	59.2	99.2
95	32.2	12.8	52.8

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#12

1,3-Dichlorobenzene

Concen: 30.308 ng

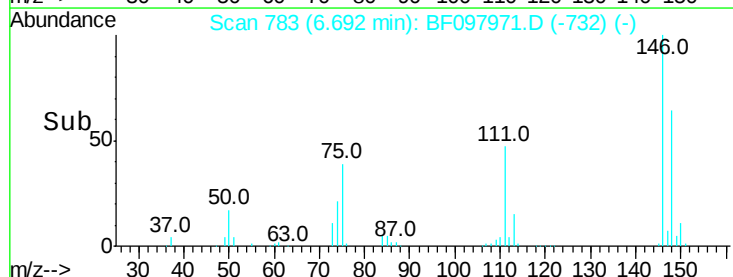
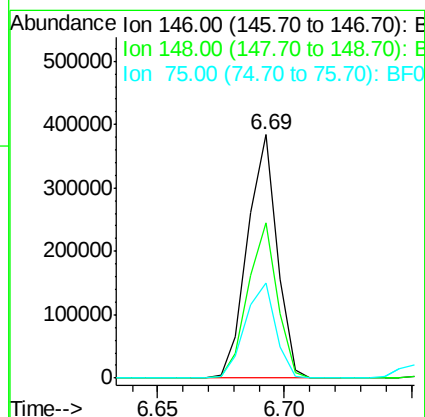
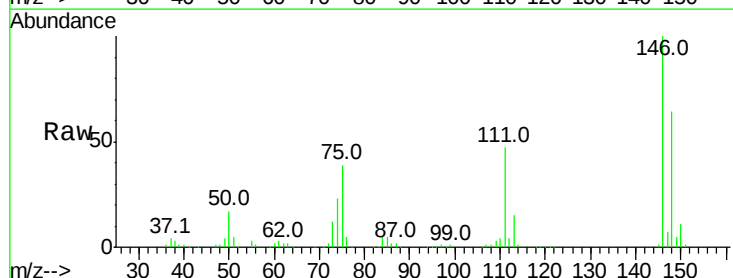
RT: 6.69 min Scan# 783

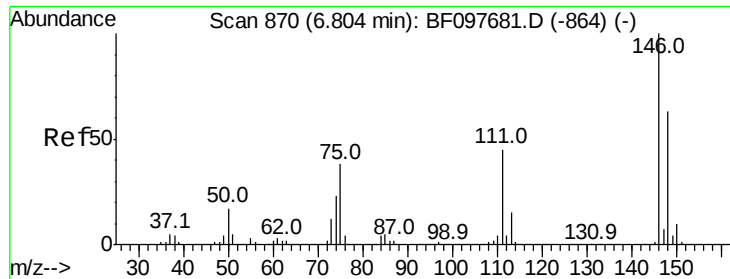
Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion:	146	Resp:	312334
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	39.1	23.1	34.7#





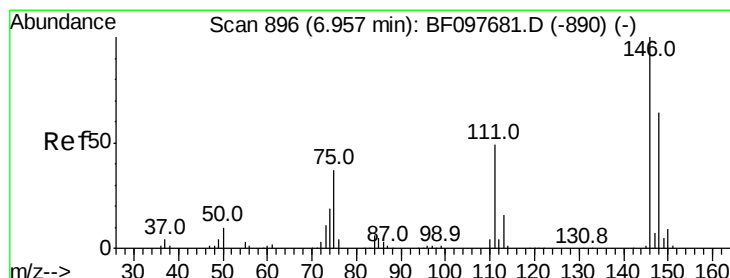
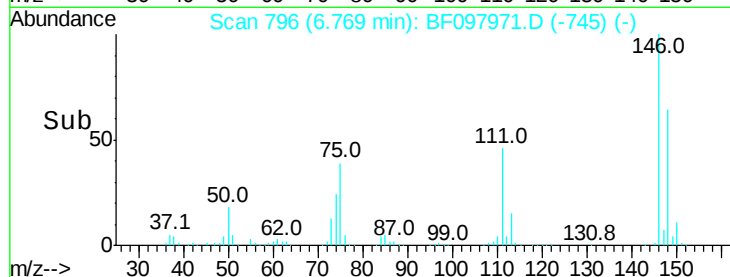
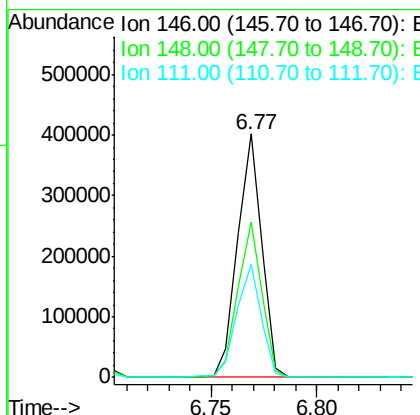
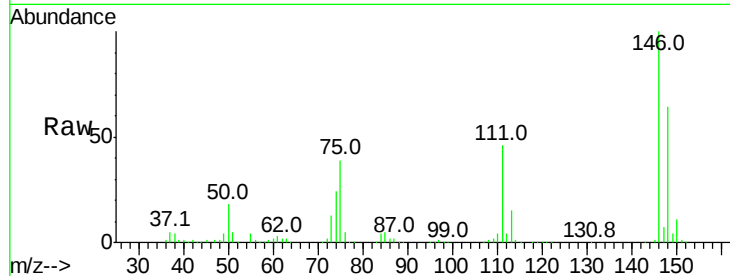
#13
 1,4-Dichlorobenzene
 Concen: 30.252 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	46.5	30.3	45.5

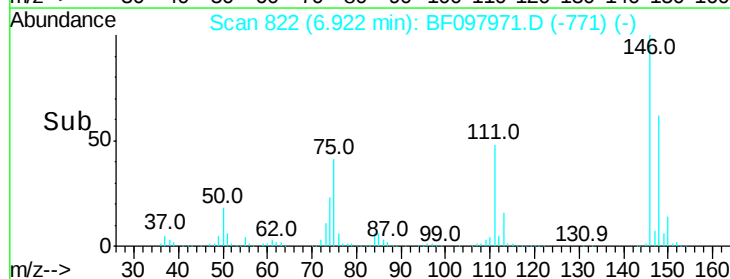
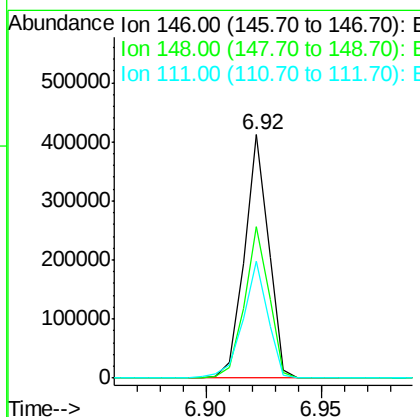
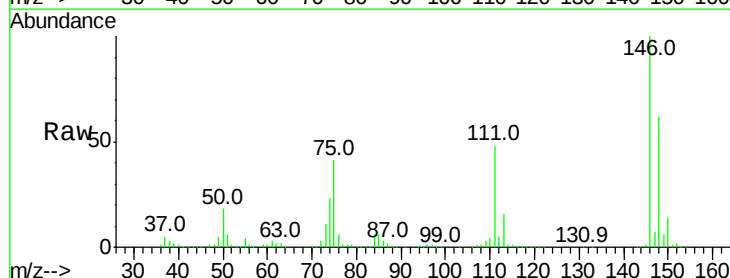
Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.215 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.4	75.6
111	48.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 36.644 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

Tot Ion: 79 Resp: 338639

Ion Ratio Lower Upper

79 100

108 75.0 63.4 95.0

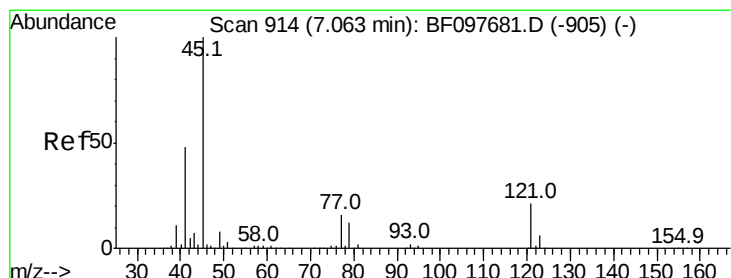
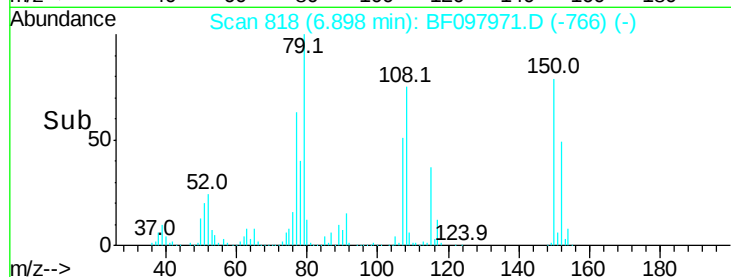
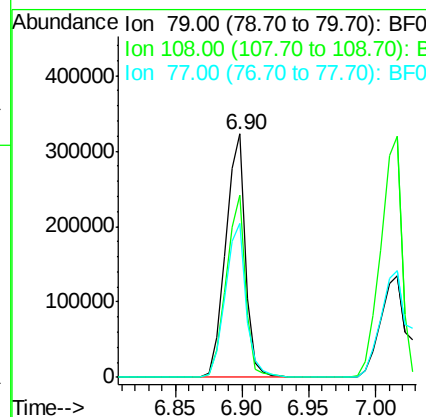
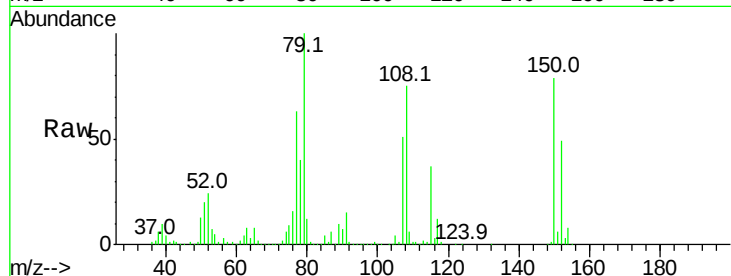
77 63.0 49.2 73.8

Manual Integrations

APPROVED

Sohil

8/23/2017 3:03:51 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.183 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

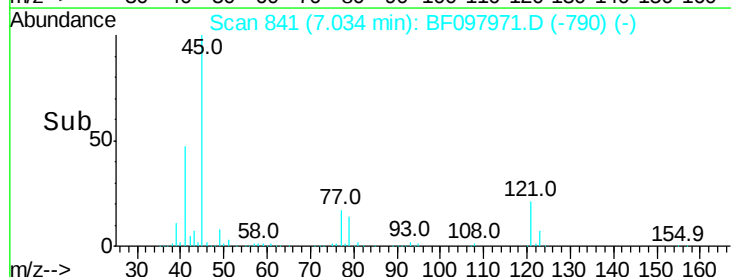
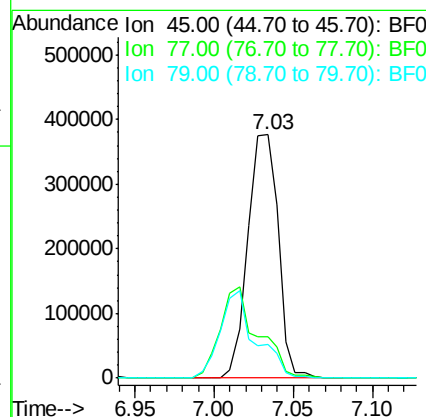
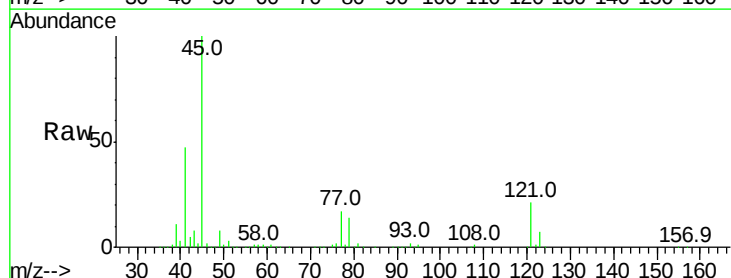
Tgt Ion: 45 Resp: 501116

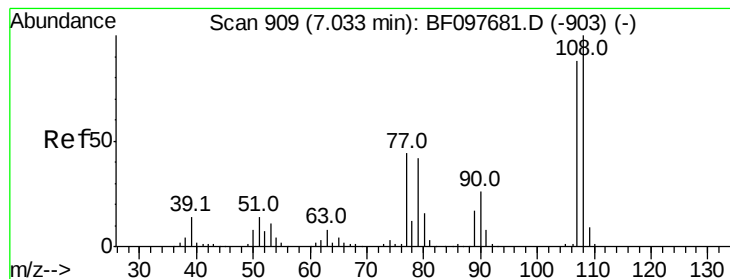
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.2

79 13.7 0.0 30.0





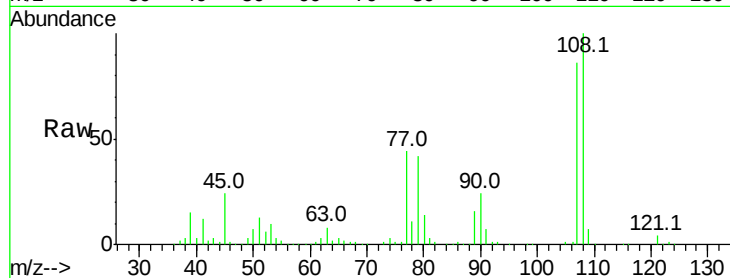
#17
2-Methylphenol
Concen: 35.633 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

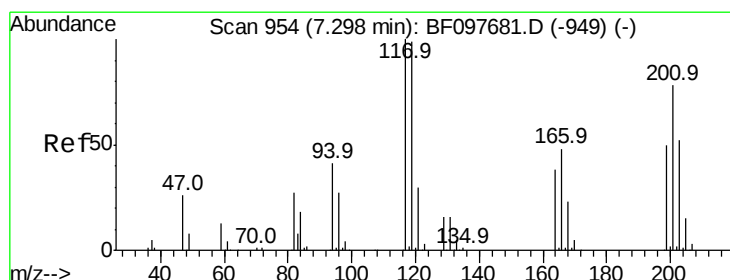
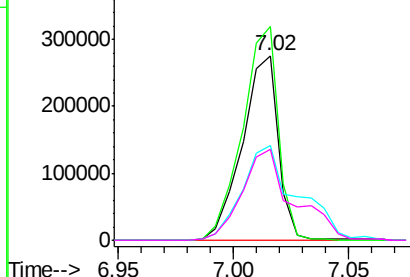
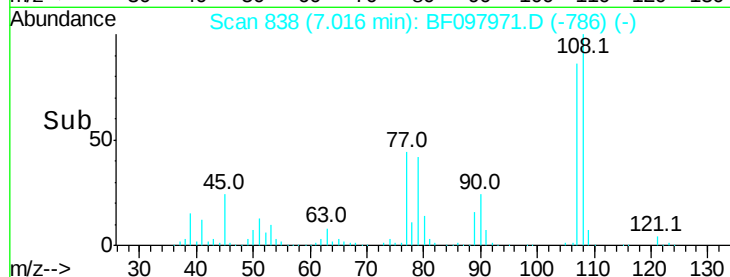
Tot Ion:	107	Resp:	300842
Ion Ratio	Lower	Upper	
107	100		
108	115.7	93.4	140.0
77	51.1	35.8	53.6
79	49.0	34.8	52.2

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM

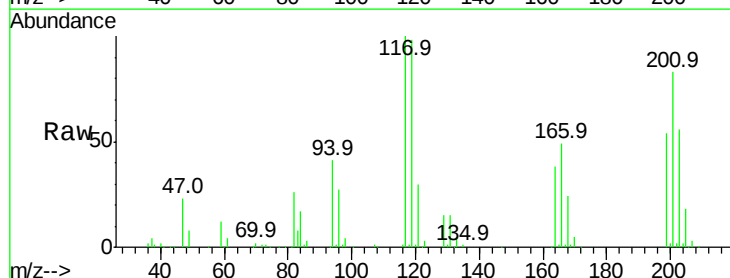


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

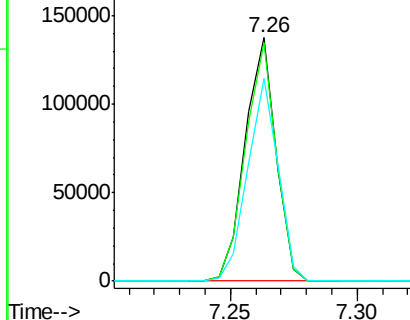
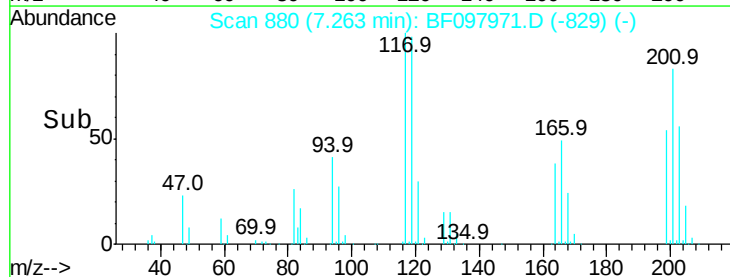


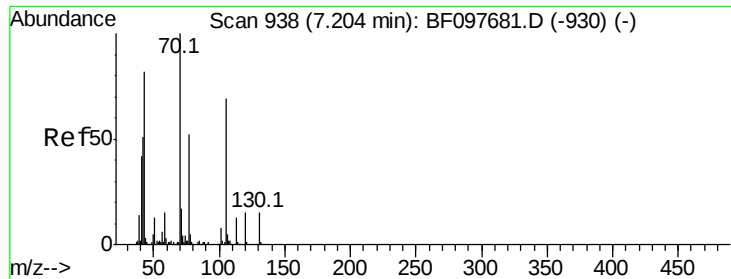
#18
Hexachloroethane
Concen: 28.338 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion:	117	Resp:	116446
Ion Ratio	Lower	Upper	
117	100		
119	97.8	77.4	116.0
201	83.4	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





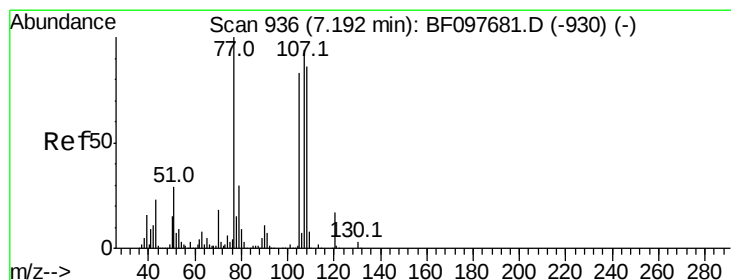
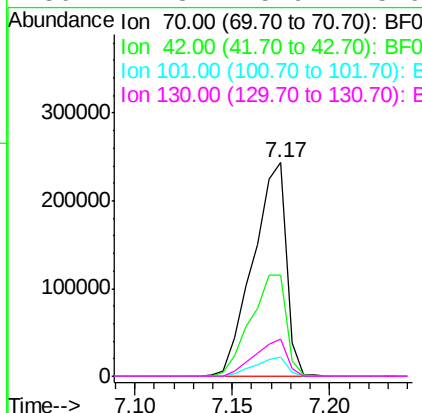
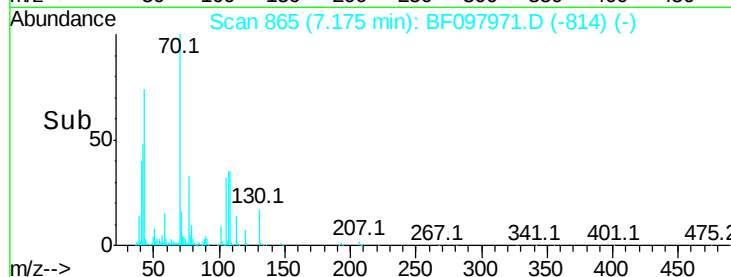
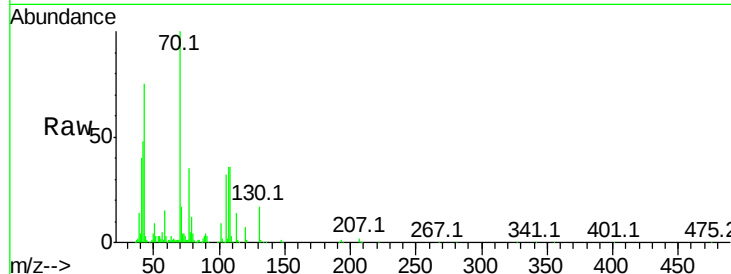
#19
n-Nitroso-di-n-propylamine
Concen: 34.004 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.5	47.2	70.8		
101	8.9	7.2	10.8		
130	17.3	15.9	23.9		

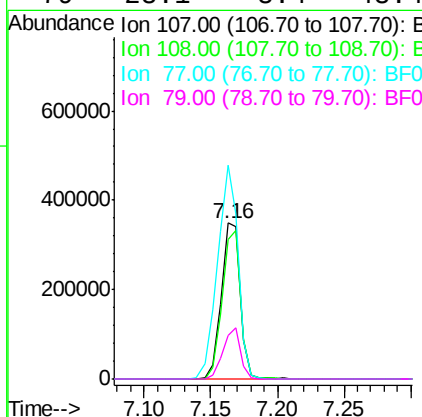
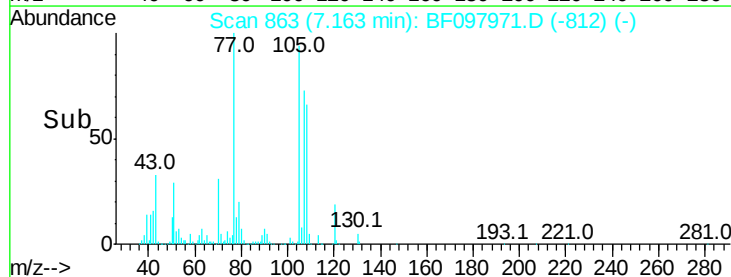
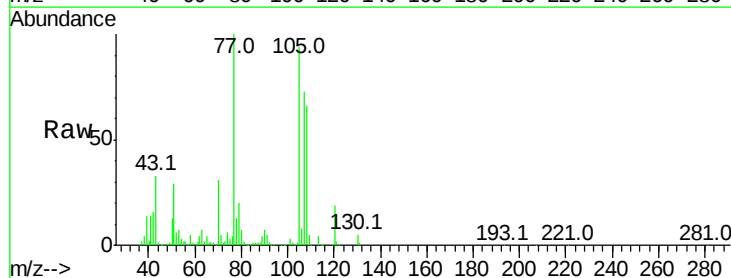
Manual Integrations
APPROVED

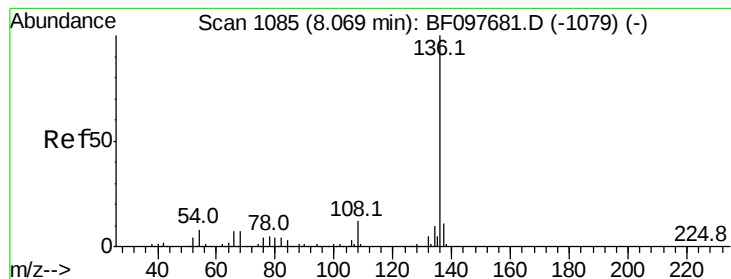
Sohil
8/23/2017 3:03:51 PM



#20
3+4-Methylphenols
Concen: 34.279 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.9	71.0	111.0		
77	137.1	90.5	130.5#		
79	28.1	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: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

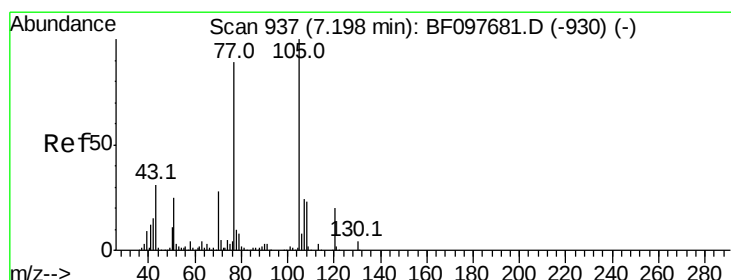
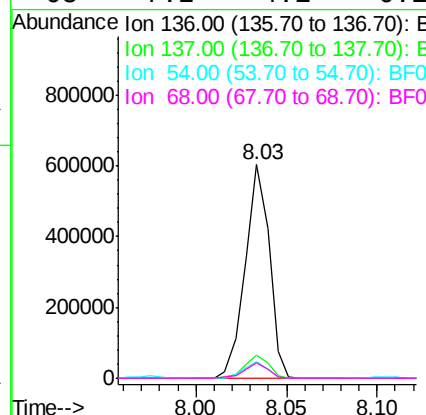
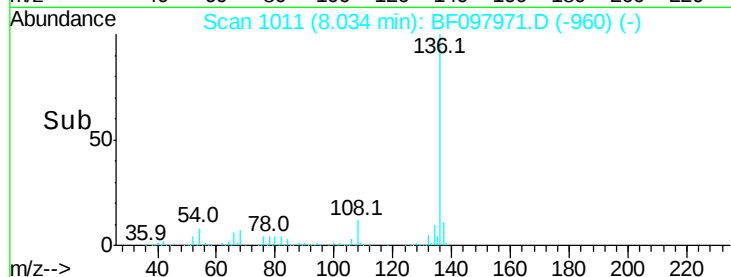
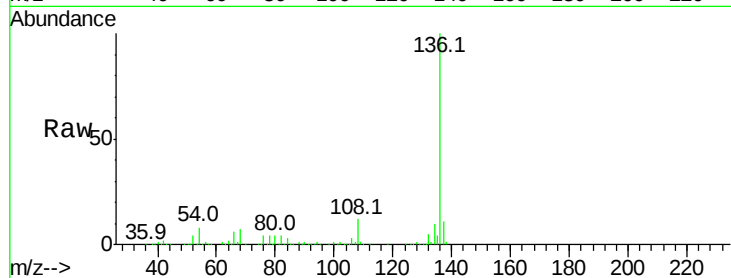
ClientSampleId :

SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	557324		
137	10.8	8.5	12.7	
54	7.8	4.9	7.3#	
68	7.2	4.1	6.1#	

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#22

Acetophenone

Concen: 33.871 ng

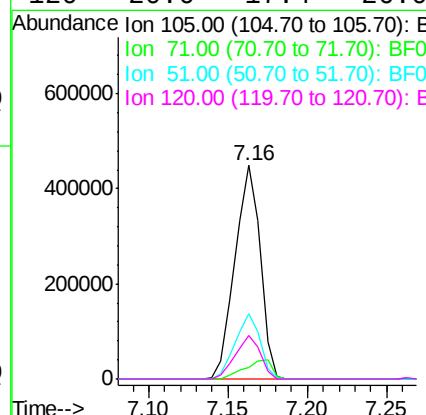
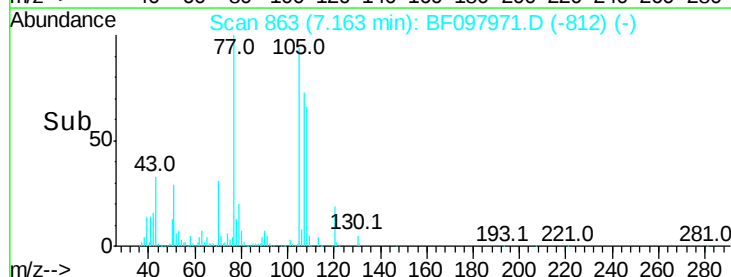
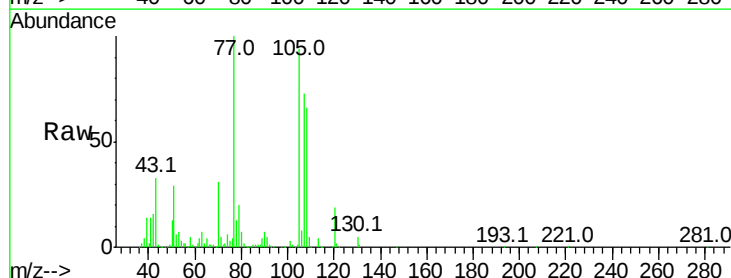
RT: 7.16 min Scan# 863

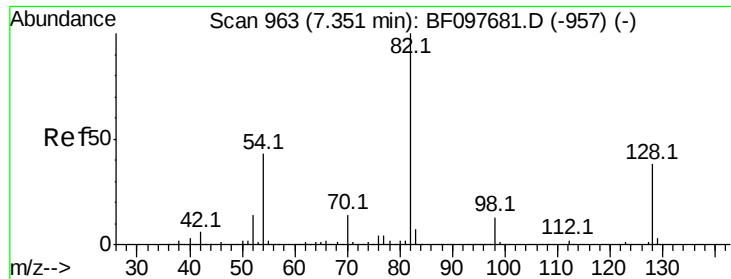
Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498692		
71	5.4	2.8	4.2#	
51	30.4	30.7	46.1#	
120	20.6	17.4	26.0	





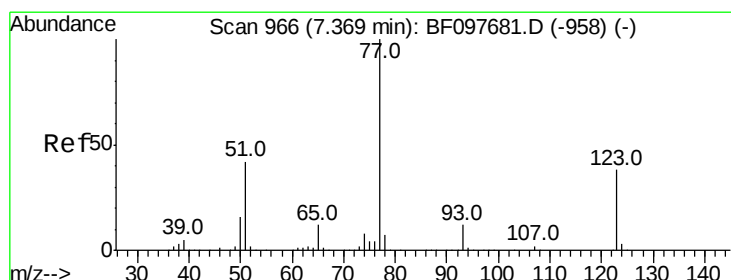
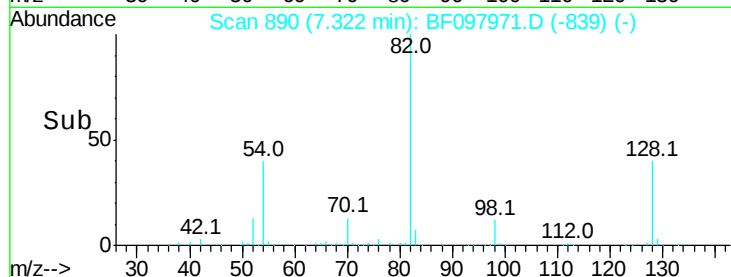
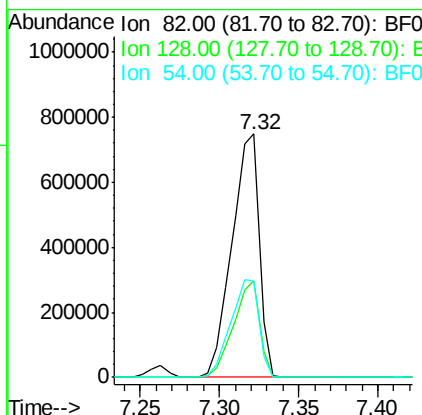
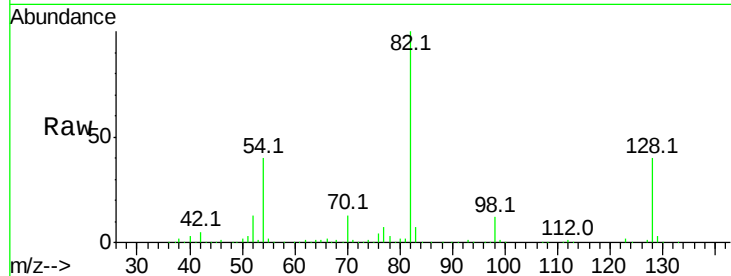
#23
 Nitrobenzene-d5
 Concen: 87.028 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.6	34.0	51.0	
54	39.9	42.2	63.2	

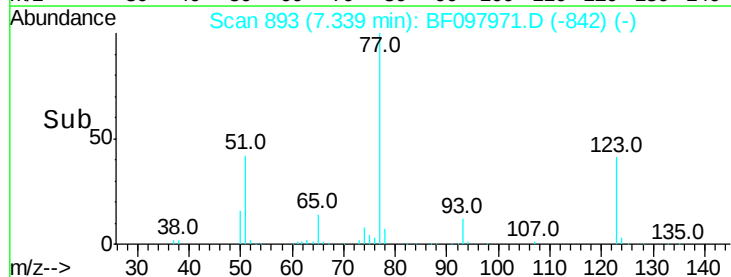
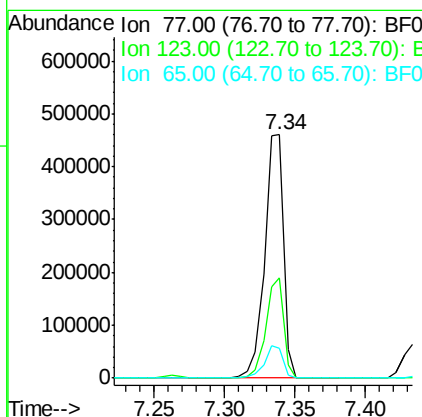
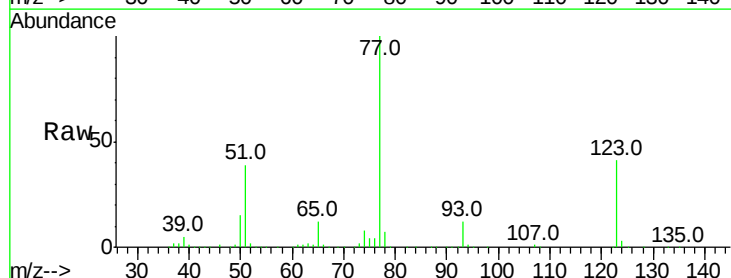
Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM



#24
 Nitrobenzene
 Concen: 38.253 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	35.8	53.8	
65	12.4	10.6	15.8	





#25

Isophorone

Concen: 37.356 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

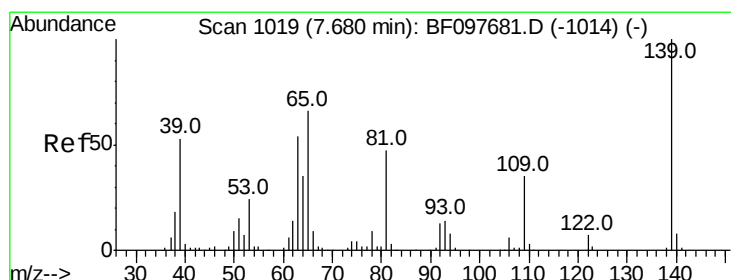
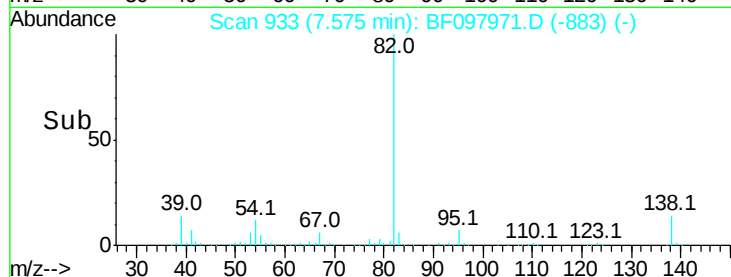
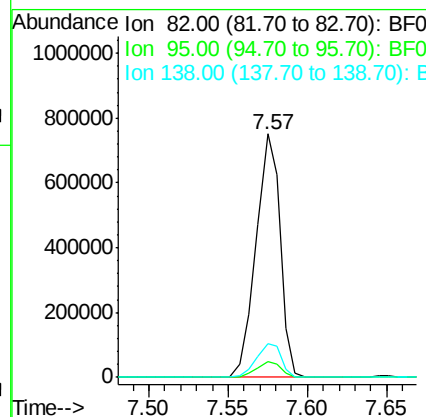
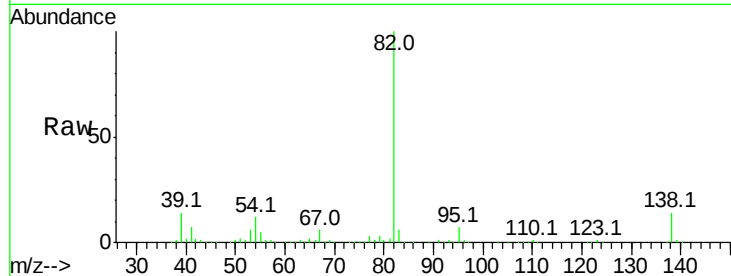
ClientSampleId :

SB-15-COMPMSD

Tot Ion	82	Resp	796903
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	14.1	13.1	19.7

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#26

2-Nitrophenol

Concen: 31.530 ng

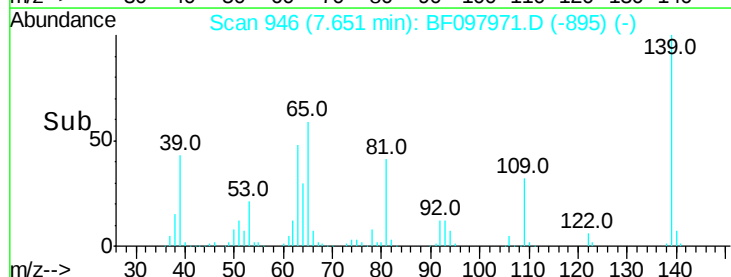
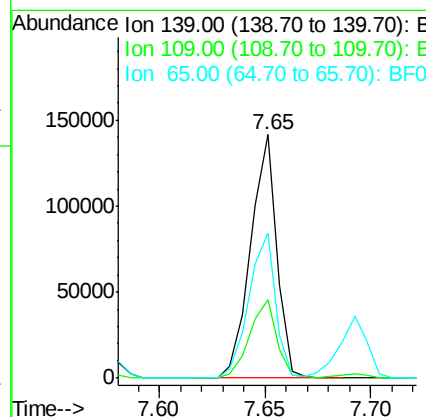
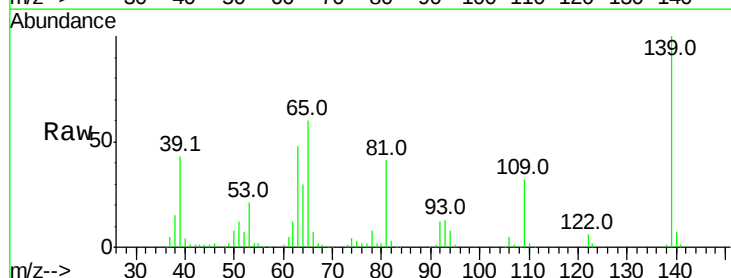
RT: 7.65 min Scan# 946

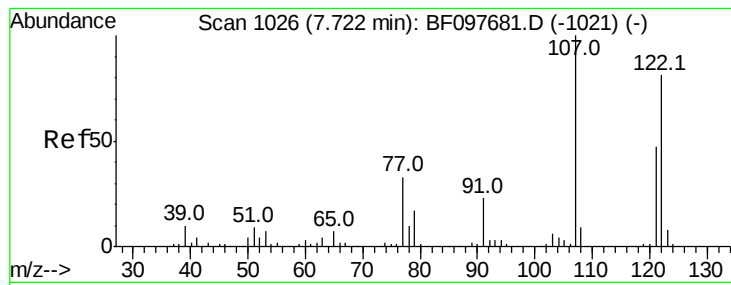
Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion	139	Resp	122099
Ion Ratio	Lower	Upper	
139	100		
109	32.4	21.0	31.6#
65	59.6	33.0	49.6#





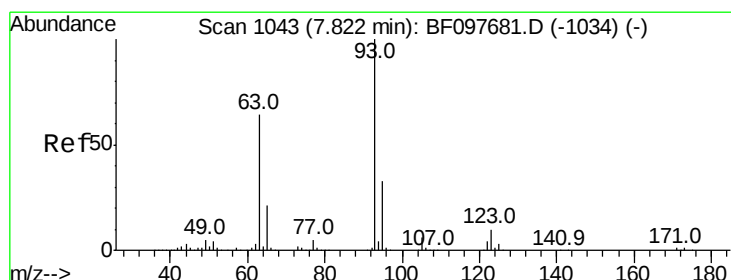
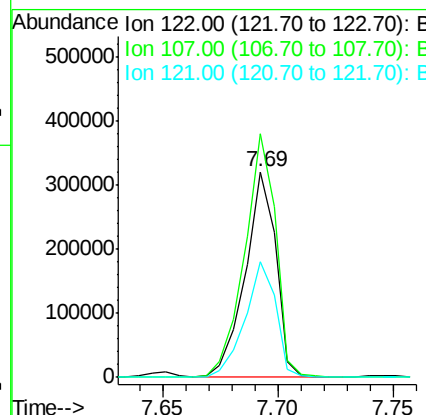
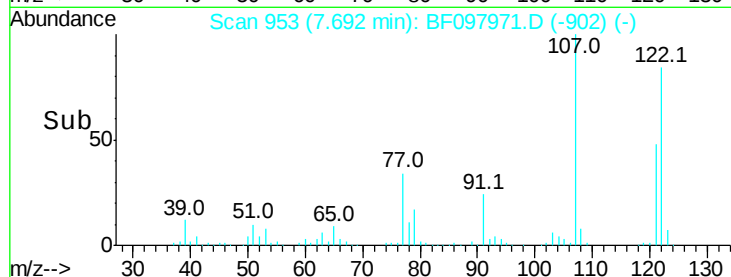
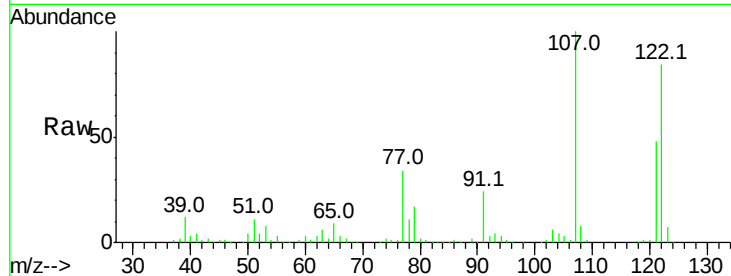
#27
 2,4-Dimethylphenol
 Concen: 33.538 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion:	122	Resp:	298382
Ion Ratio	Lower	Upper	
122	100		
107	118.4	89.2	133.8
121	56.3	45.2	67.8

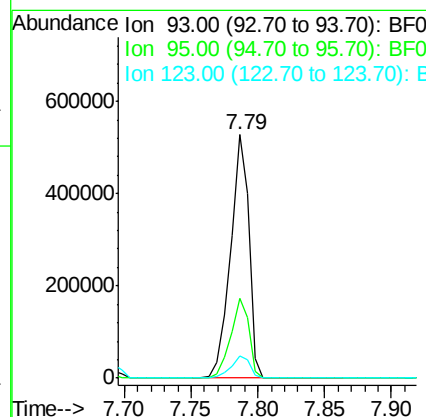
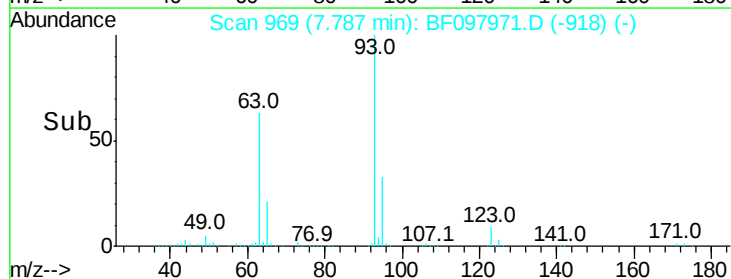
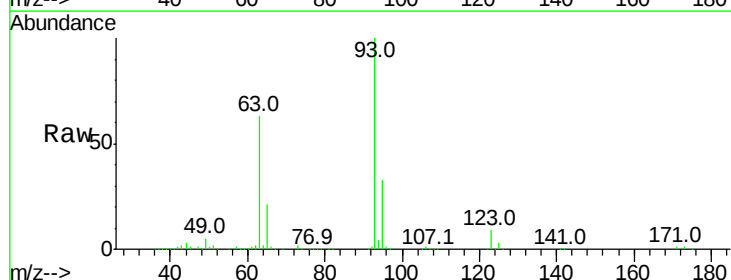
Manual Integrations
 APPROVED

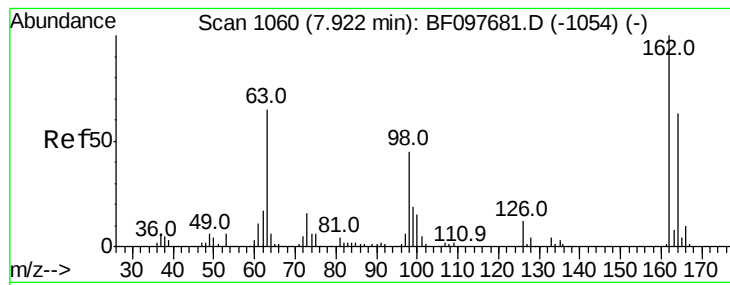
Sohil
 8/23/2017 3:03:51 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.801 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:	93	Resp:	516129
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	9.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 34.534 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

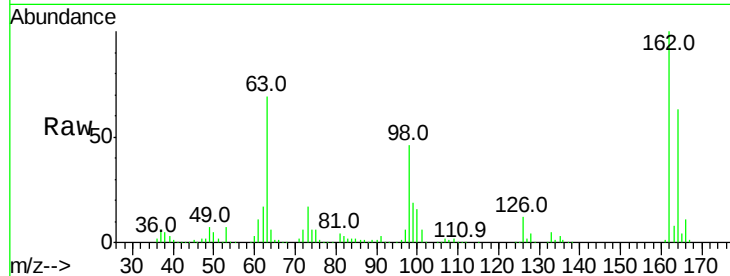
ClientSampleId :

SB-15-COMPMSD

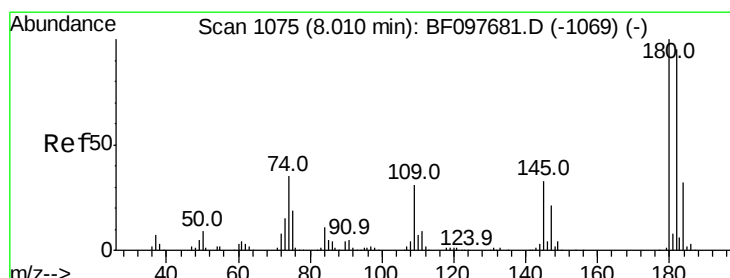
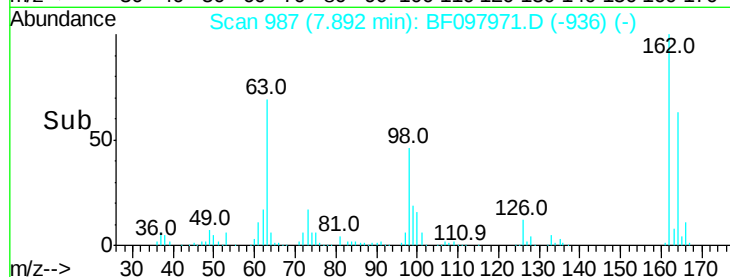
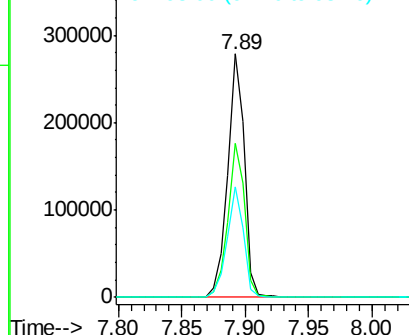
Tot Ion:	162	Resp:	255043
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.6	84.6
98	45.5	14.8	54.8

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



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



#30

1,2,4-Trichlorobenzene

Concen: 33.266 ng

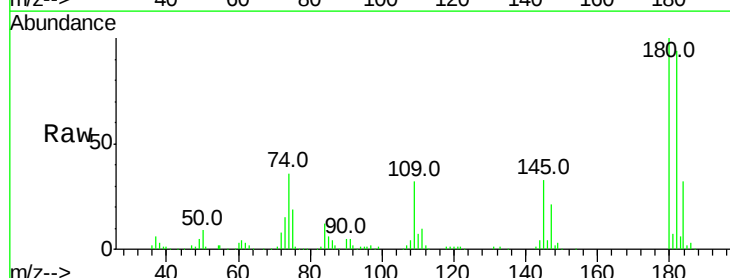
RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

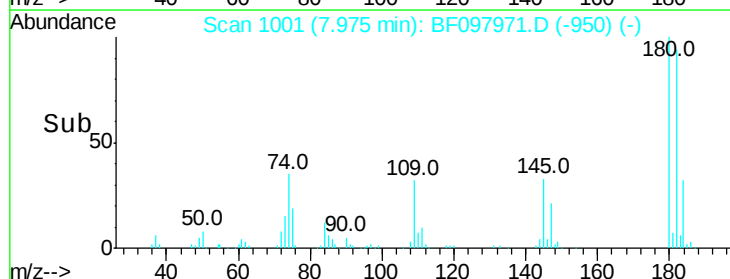
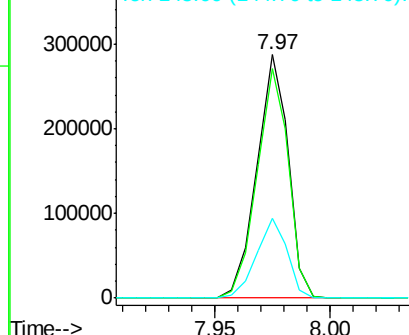
Lab File: BF097971.D

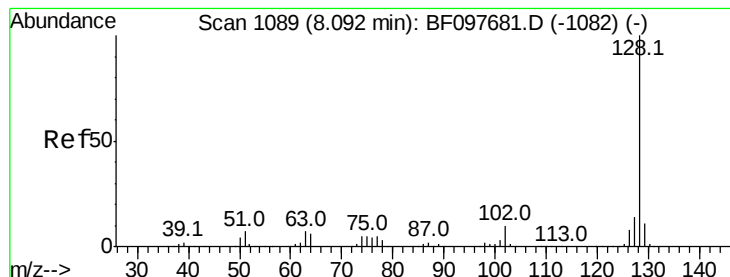
Acq: 22 Aug 2017 23:27

Tgt Ion:	180	Resp:	272352
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.8	113.6
145	32.7	25.3	37.9



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





#31

Naphthalene

Concen: 33.425 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

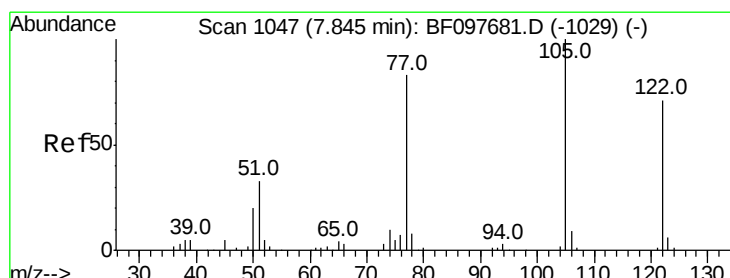
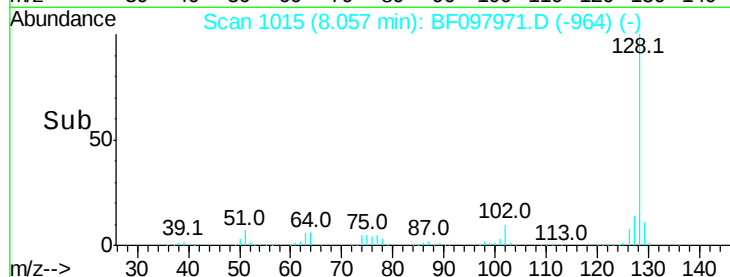
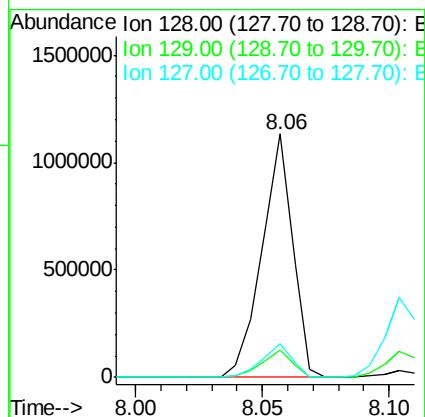
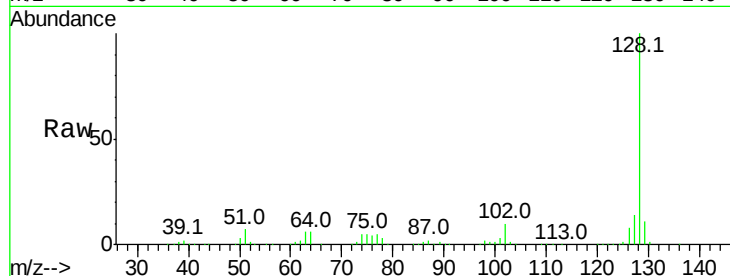
ClientSampleId :

SB-15-COMPMSD

Tot Ion:	128	Resp:	967106
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.7	10.8	16.2

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#32

Benzoic acid

Concen: 7.009 ng m

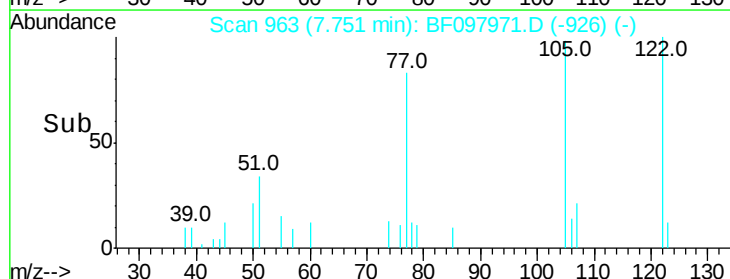
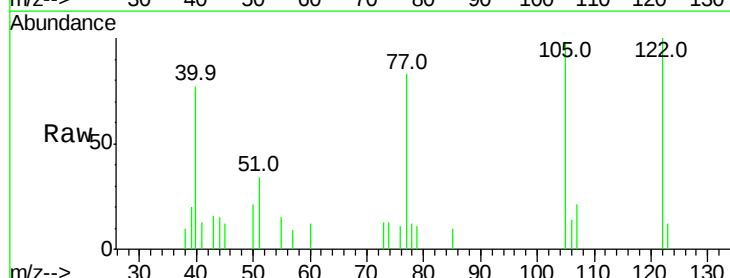
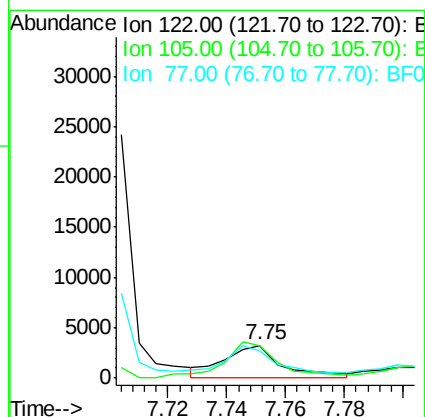
RT: 7.75 min Scan# 963

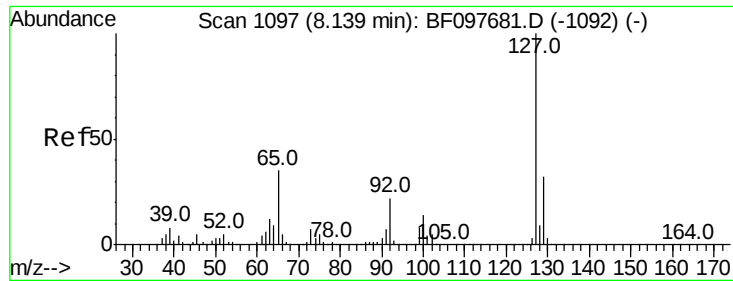
Delta R.T. -0.08 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion:	122	Resp:	4525
Ion Ratio	Lower	Upper	
122	100		
105	98.3	103.3	143.3#
77	83.1	73.7	113.7





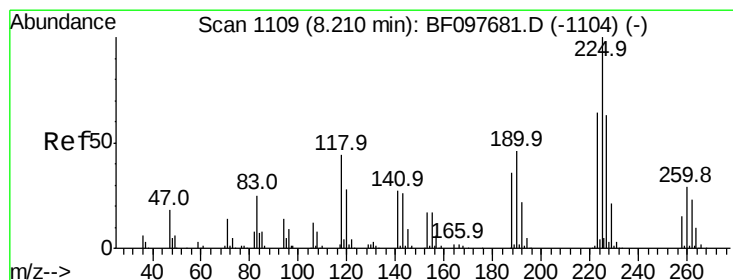
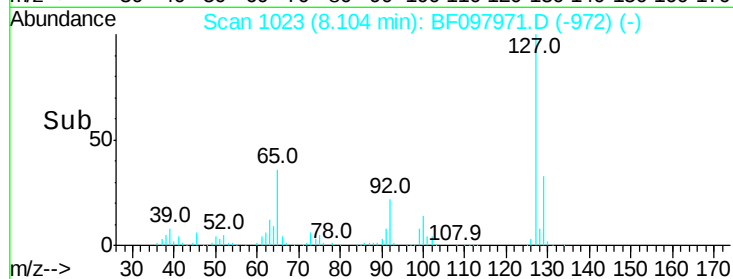
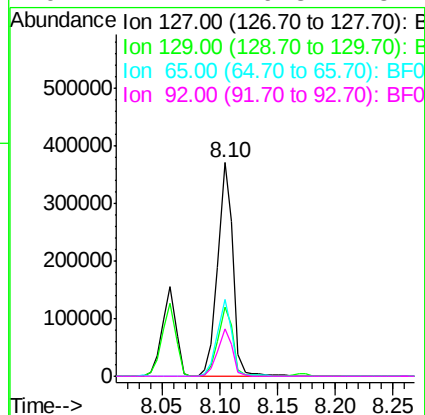
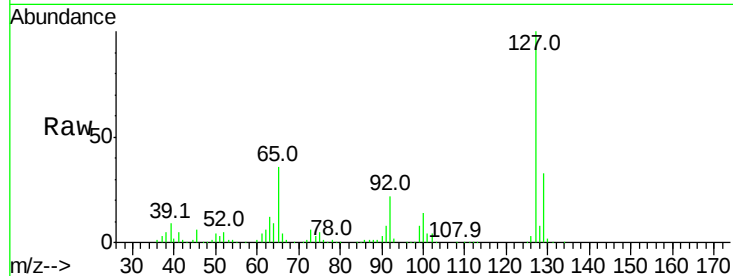
#33
4-Chloroaniline
Concen: 27.826 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.2	
65	36.2	27.8	41.8	
92	22.1	16.8	25.2	

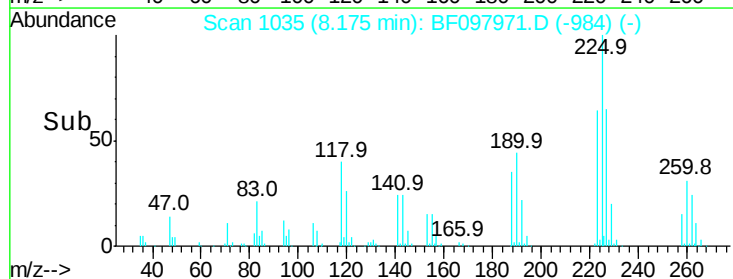
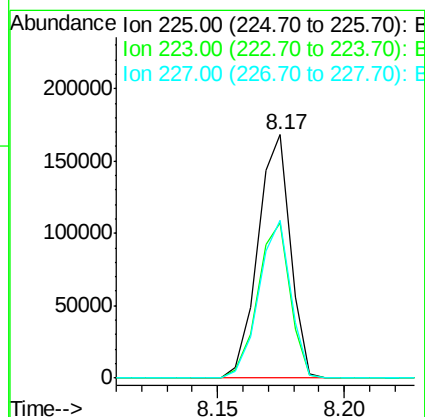
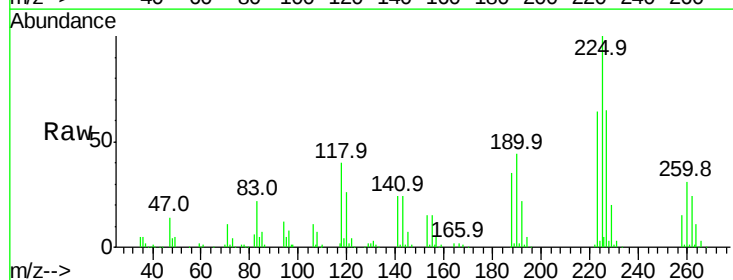
Manual Integrations
APPROVED

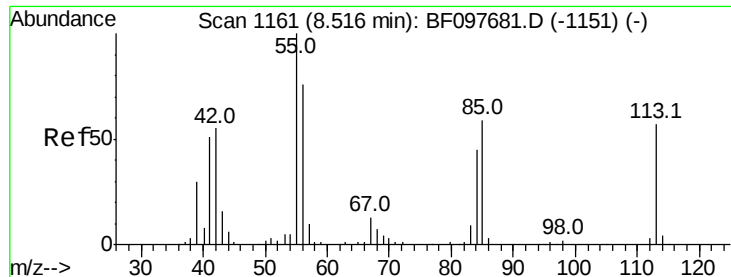
Sohil
8/23/2017 3:03:51 PM



#34
Hexachlorobutadiene
Concen: 31.608 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	48.8	73.2	
227	65.1	51.1	76.7	





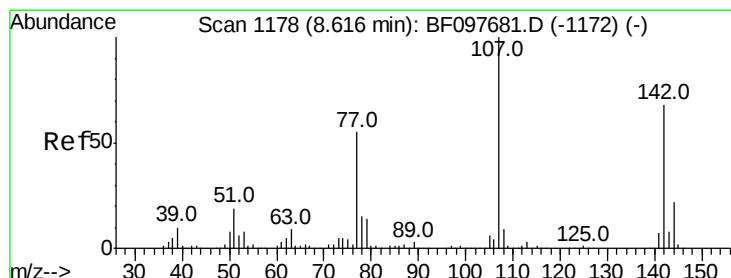
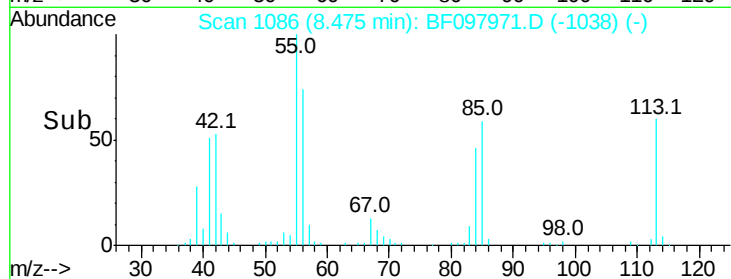
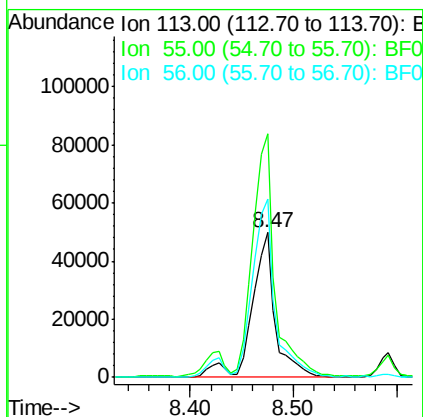
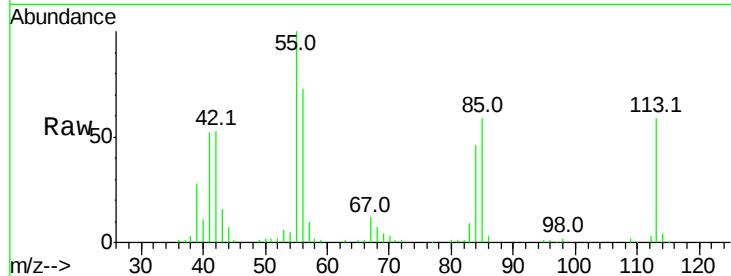
#35
 Caprolactam
 Concen: 30.890 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion:113 Resp: 77556
 Ion Ratio Lower Upper
 113 100
 55 168.5 150.2 190.2
 56 123.8 107.8 147.8

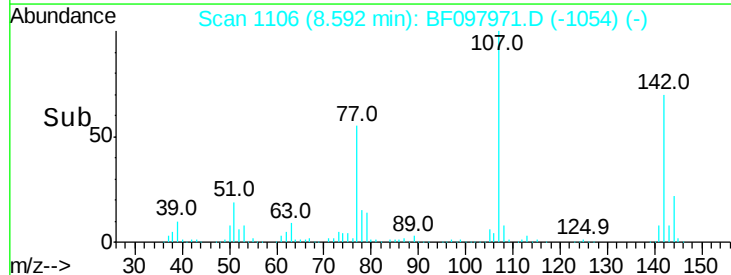
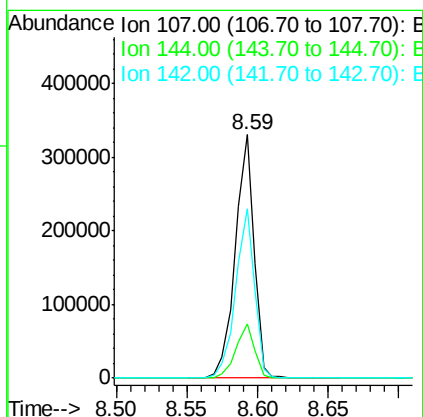
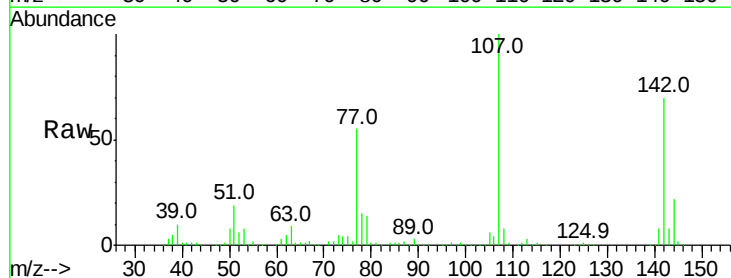
Manual Integrations
 APPROVED

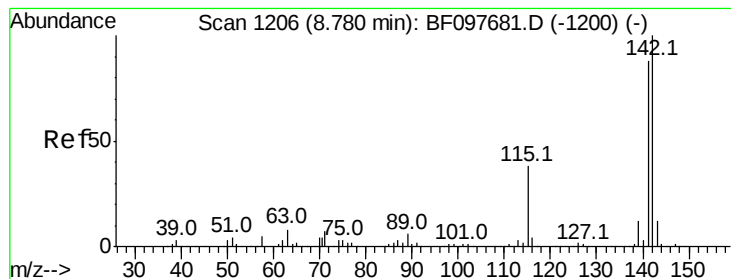
Sohil
 8/23/2017 3:03:51 PM



#36
 4-Chloro-3-methylphenol
 Concen: 32.385 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion:107 Resp: 307291
 Ion Ratio Lower Upper
 107 100
 144 22.3 24.2 36.4#
 142 69.7 73.4 110.0#





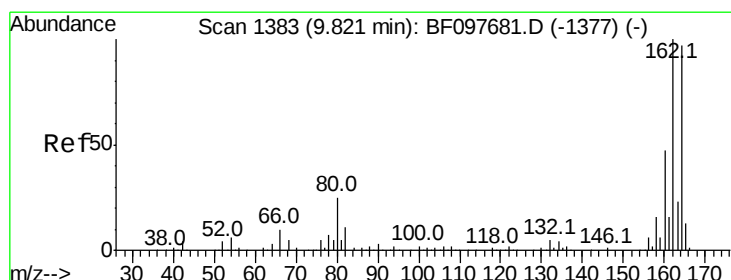
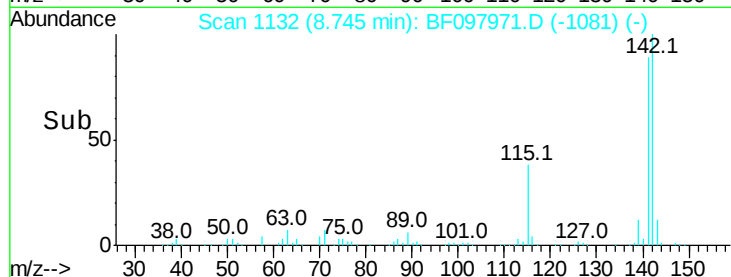
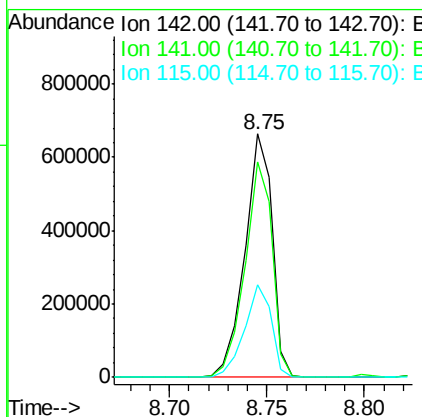
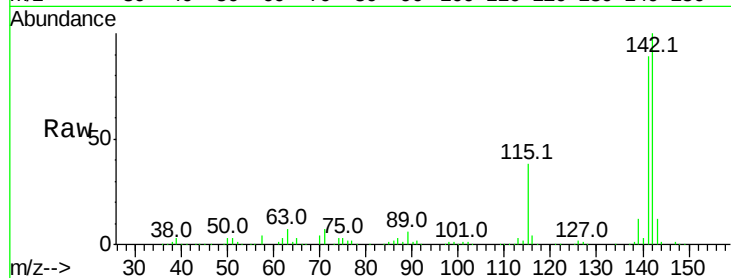
#37
 2-Methylnaphthalene
 Concen: 36.303 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	643980		
141	88.6	71.3	106.9	
115	37.9	27.1	40.7	

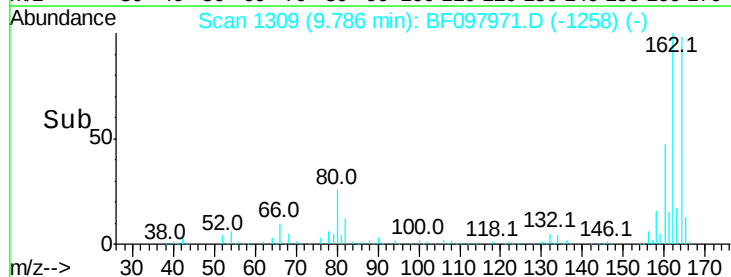
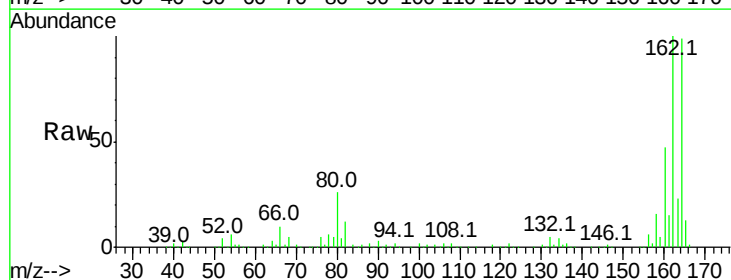
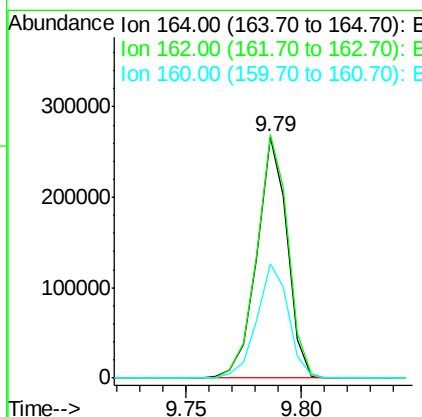
Manual Integrations
 APPROVED

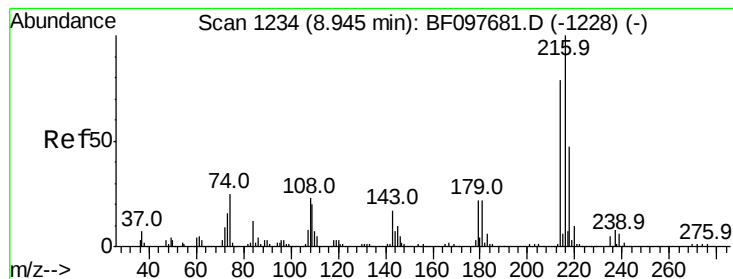
Sohil
 8/23/2017 3:03:51 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244135		
162	100.9	82.6	123.8	
160	47.2	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.243 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

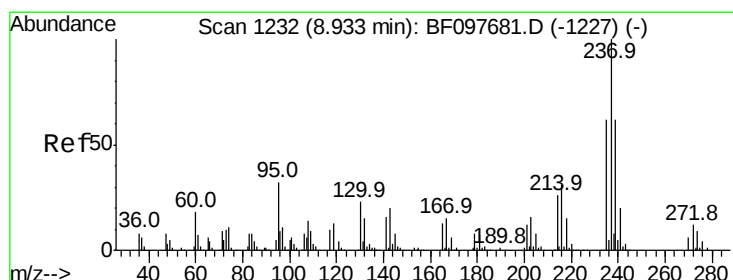
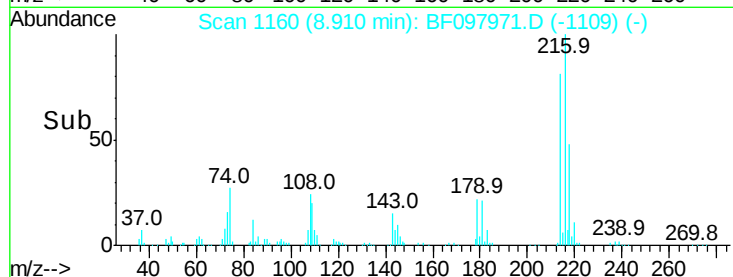
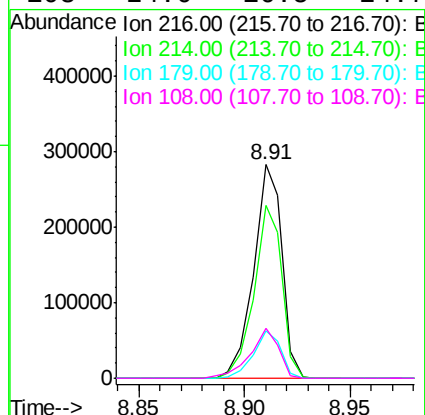
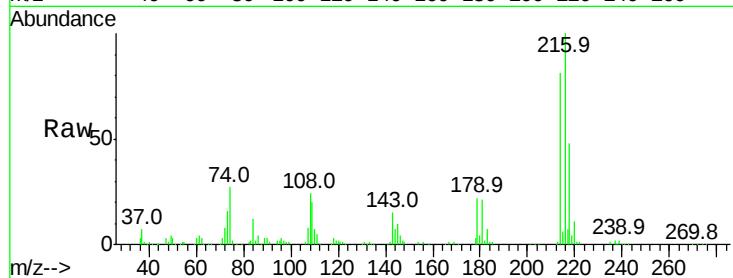
ClientSampleId :

SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	264052		
214	79.6	63.4	95.2	
179	21.6	17.9	26.9	
108	24.0	16.5	24.7	

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#40

Hexachlorocyclopentadiene

Concen: 30.564 ng

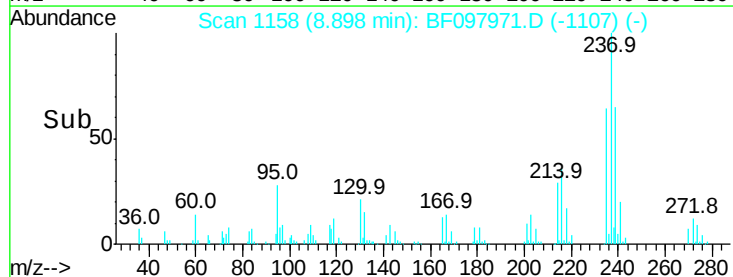
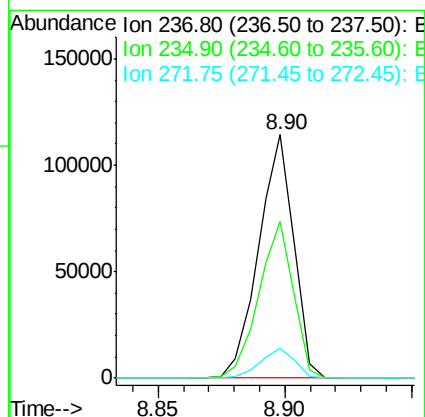
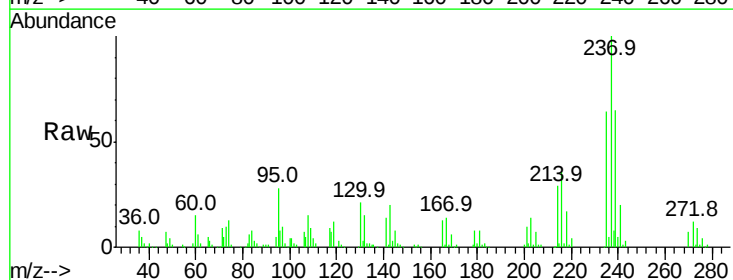
RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	110013		
235	64.3	42.6	82.6	
272	12.2	0.0	31.9	





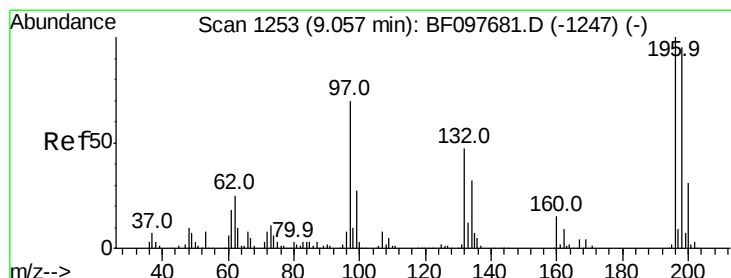
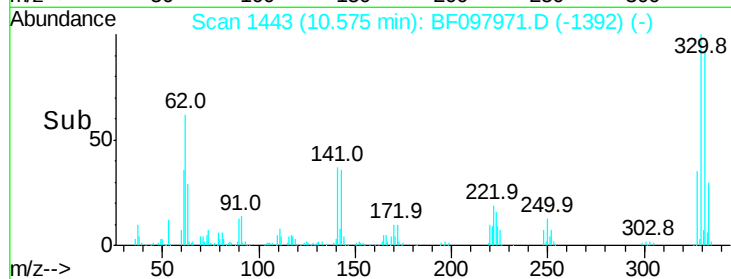
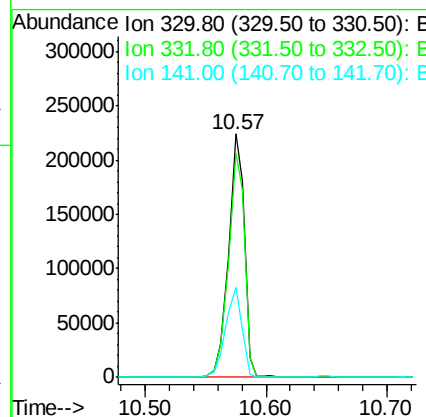
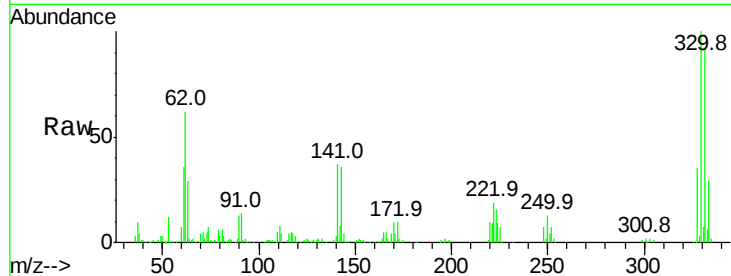
#41
 2,4,6-Tribromophenol
 Concen: 96.343 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	204080		
332	94.0	76.6	115.0	
141	38.0	31.4	47.2	

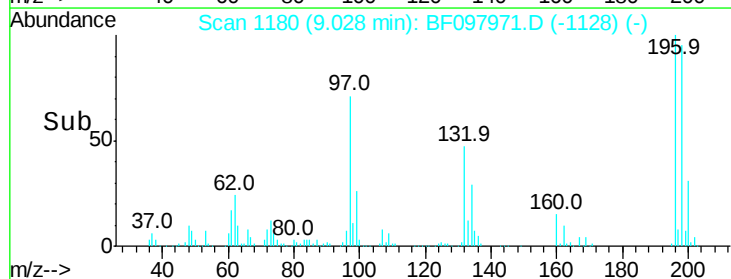
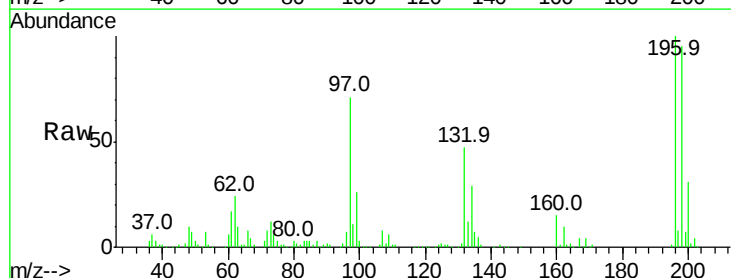
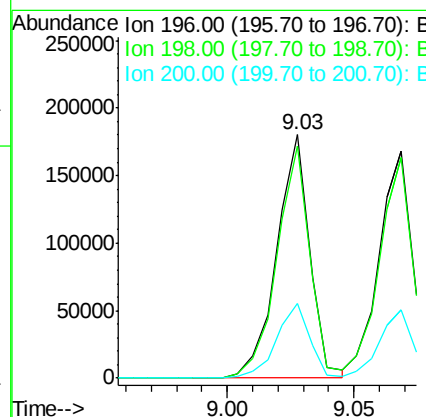
Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM



#42
 2,4,6-Trichlorophenol
 Concen: 32.318 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162568		
198	95.3	74.2	111.4	
200	30.6	24.0	36.0	





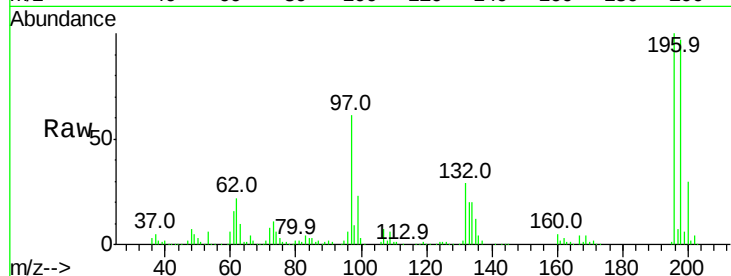
#43
 2,4,5-Trichlorophenol
 Concen: 31.359 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	196	Resp	156491
Ion Ratio	Lower	Upper	
196	100		
198	97.3	75.7	113.5
97	61.4	47.7	71.5
132	29.4	28.0	42.0

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM



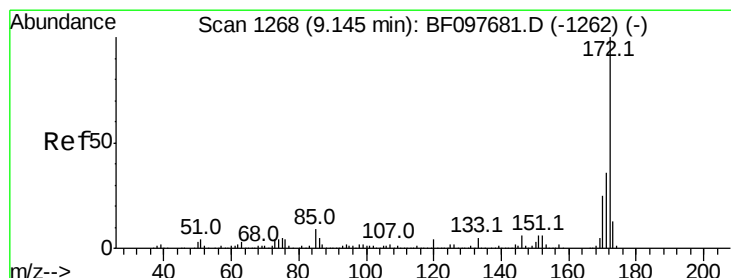
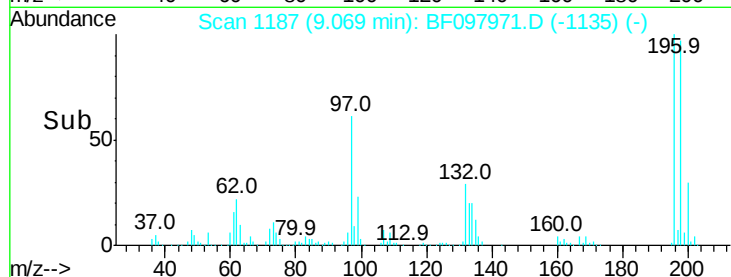
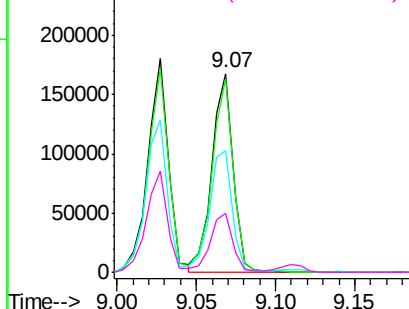
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.235 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

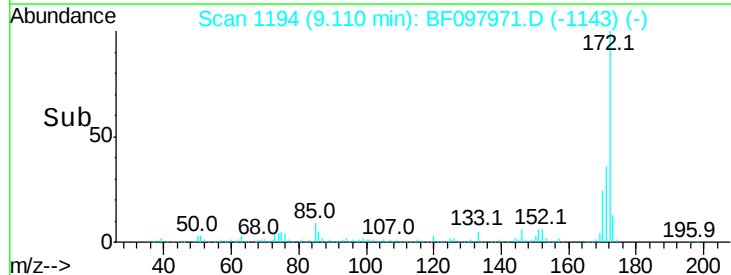
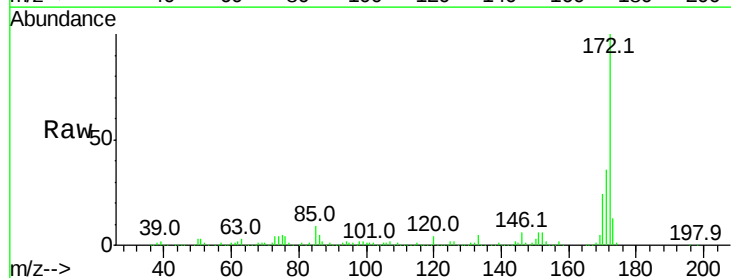
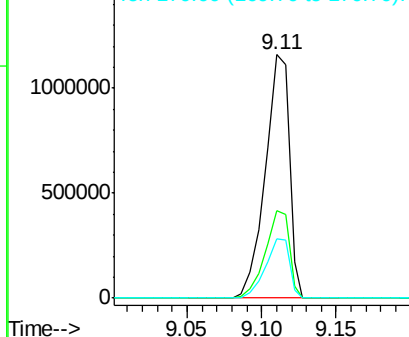
Tgt Ion	172	Resp	1283400
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8

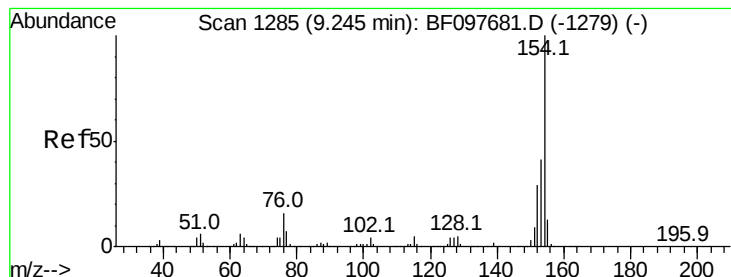
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





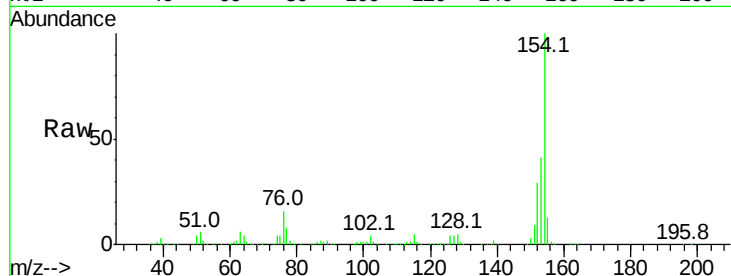
#45
1,1'-Biphenyl
Concen: 34.176 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

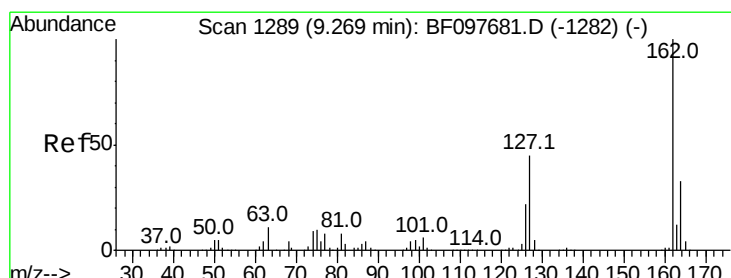
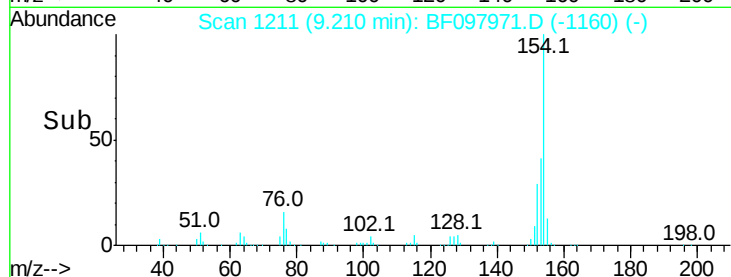
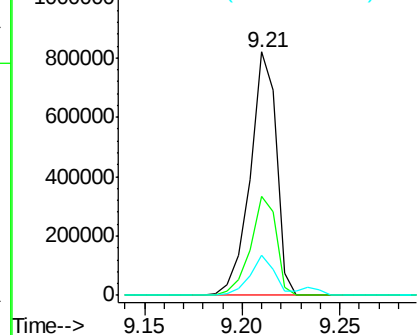
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.2	61.2	
76	16.2	0.0	29.9	

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM

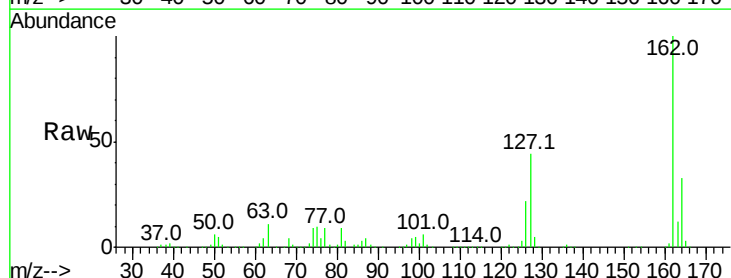


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

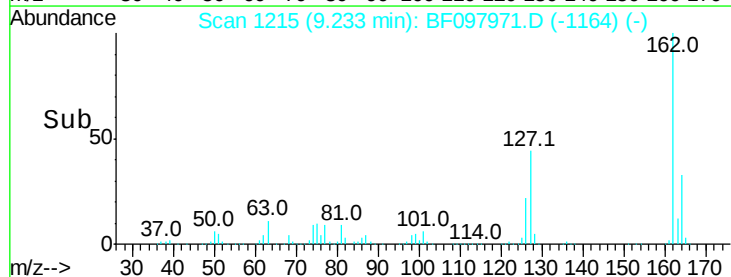
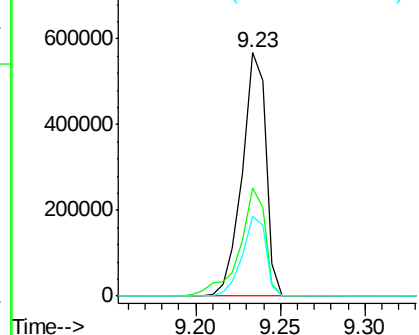


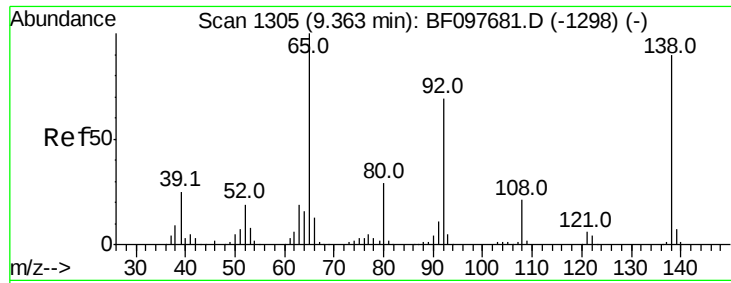
#46
2-Chloronaphthalene
Concen: 33.902 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.4	28.3	42.5#	
164	32.6	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





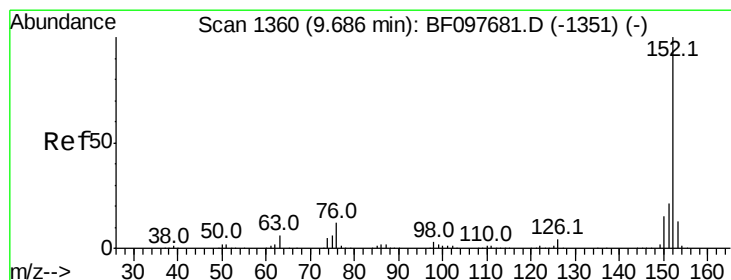
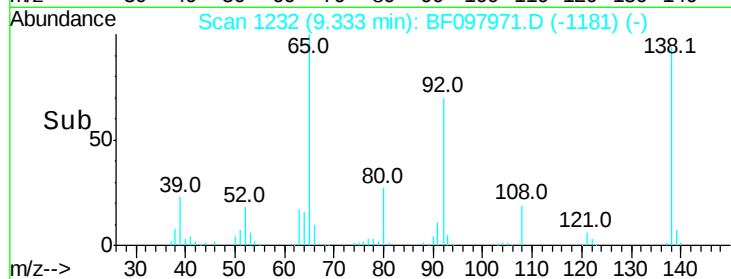
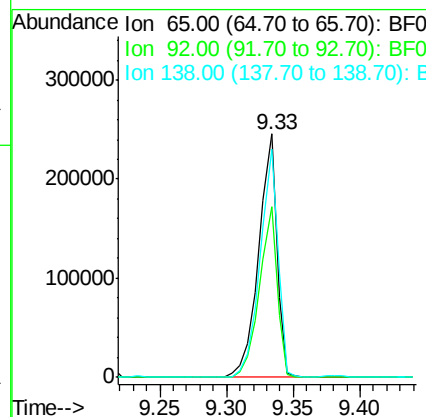
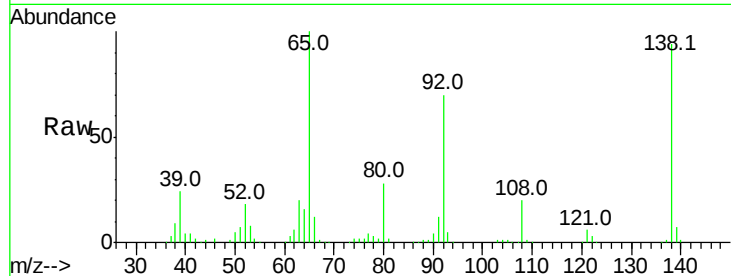
#47
2-Nitroaniline
Concen: 41.659 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.9	80.9
138	93.9	78.8	118.2

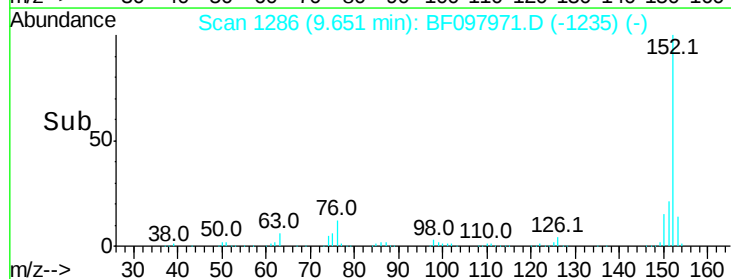
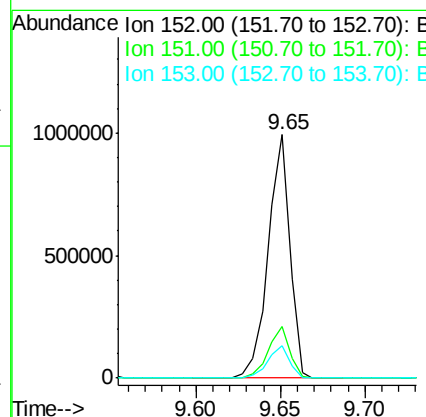
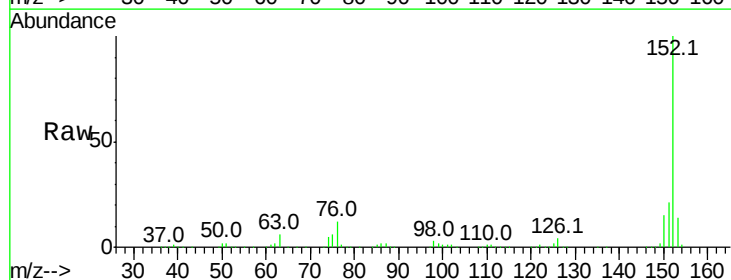
Manual Integrations
APPROVED

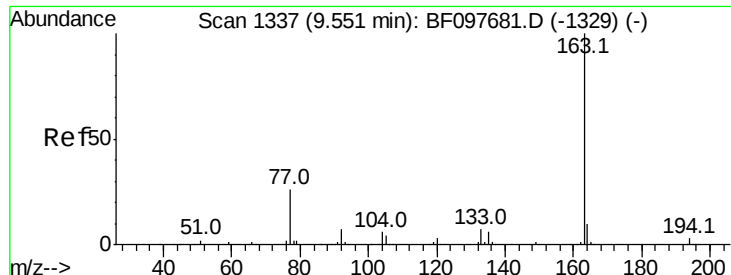
Sohil
8/23/2017 3:03:51 PM



#48
Acenaphthylene
Concen: 34.257 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.6	10.8	16.2





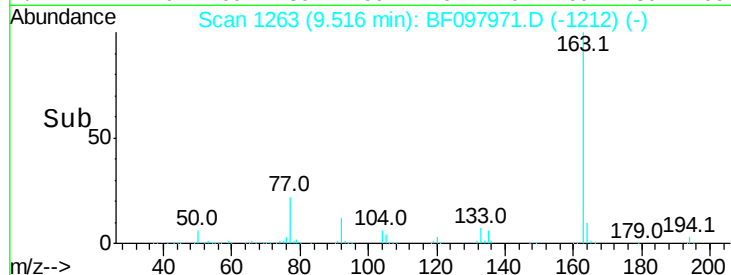
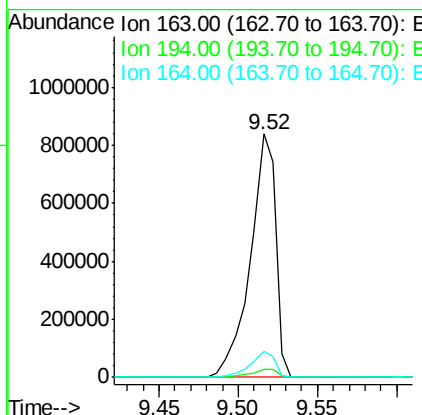
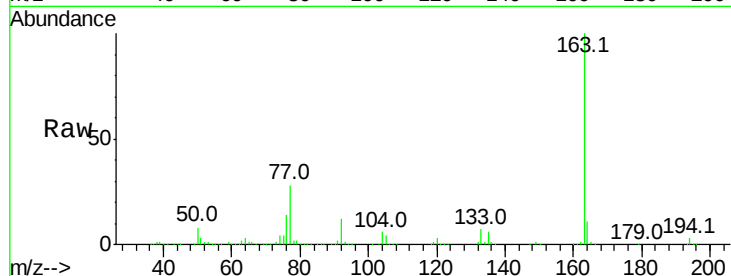
#49
 Dimethylphthalate
 Concen: 52.313 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.7	8.4	12.6	

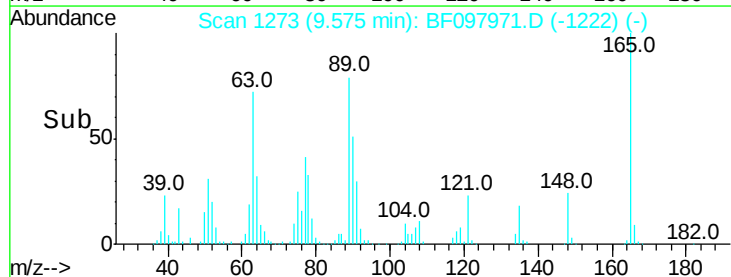
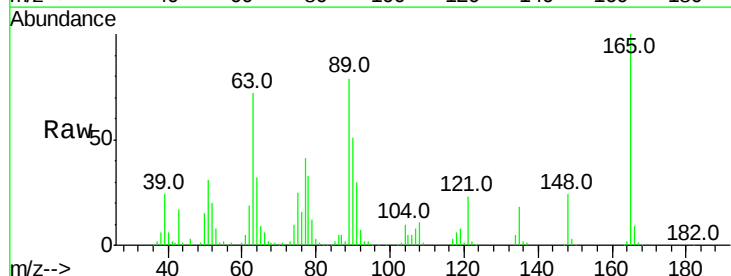
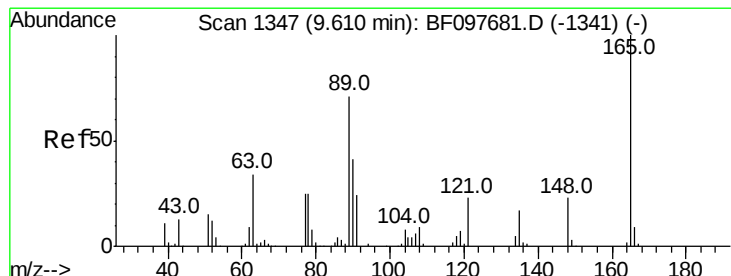
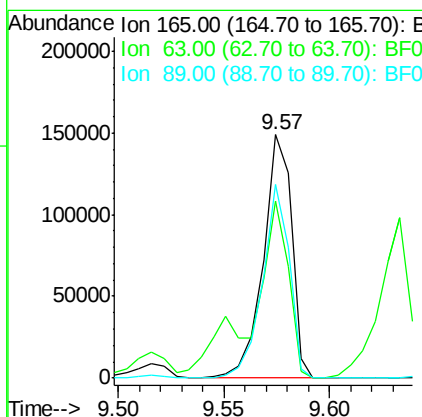
Manual Integrations
 APPROVED

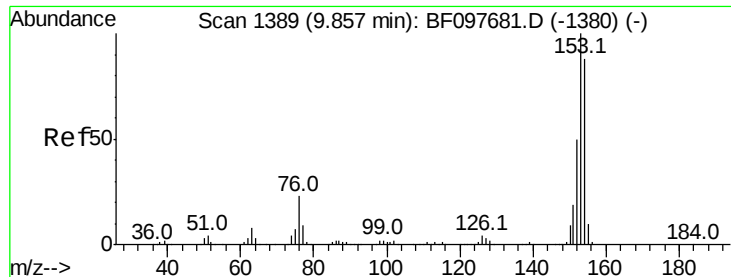
Sohil
 8/23/2017 3:03:51 PM



#50
 2,6-Dinitrotoluene
 Concen: 39.252 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.5	34.3	51.5#	
89	79.5	37.1	55.7#	





#51

Acenaphthene

Concen: 32.630 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

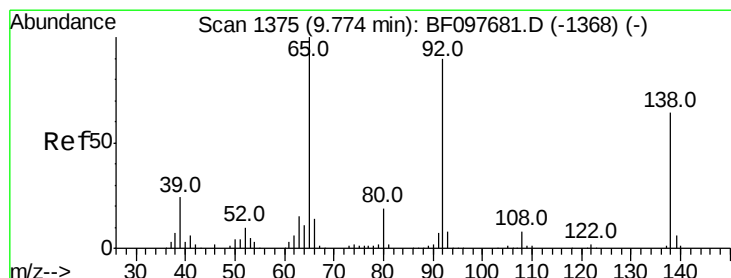
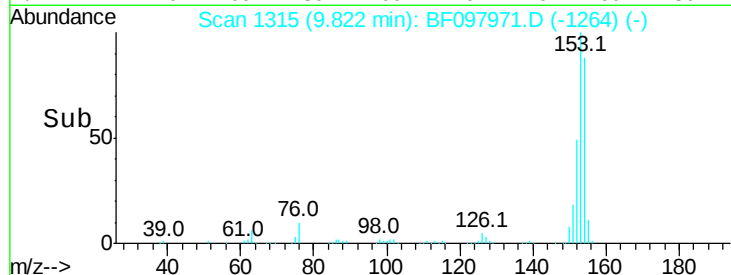
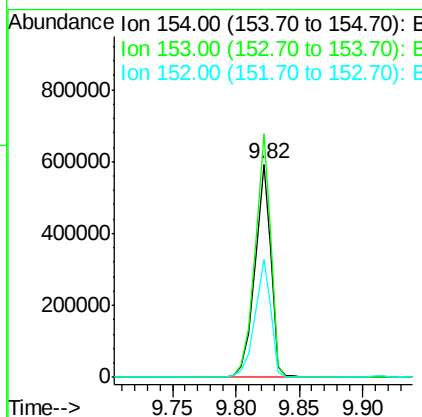
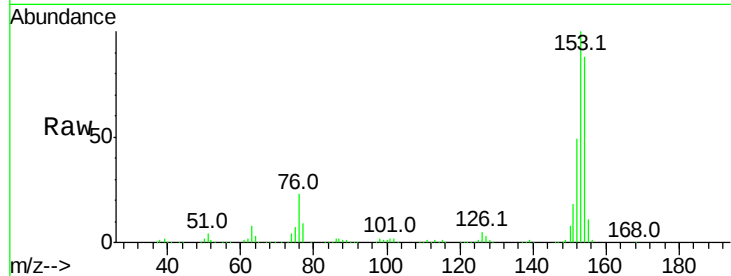
ClientSampleId :

SB-15-COMPMSD

Tot Ion:	154	Resp:	531597
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.5	135.7
152	55.6	43.6	65.4

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#52

3-Nitroaniline

Concen: 35.828 ng

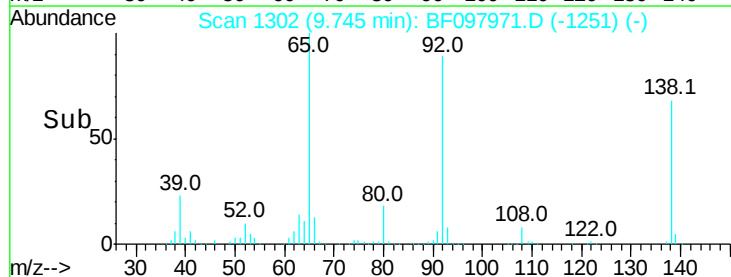
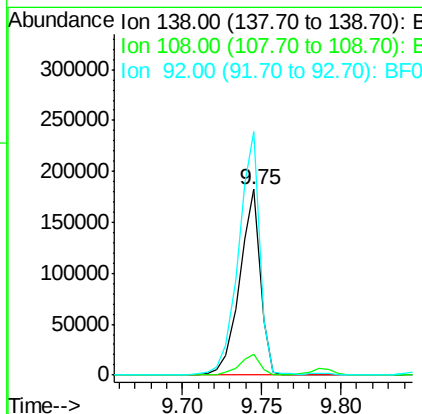
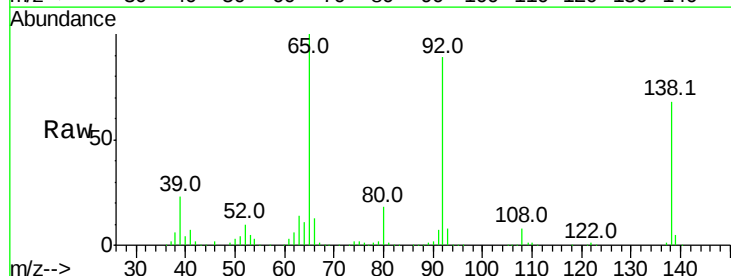
RT: 9.75 min Scan# 1302

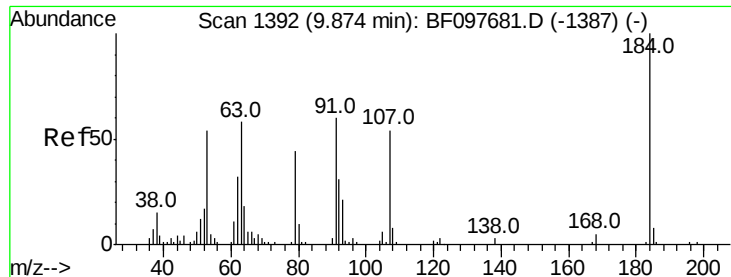
Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion:	138	Resp:	164658
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	130.9	93.8	140.6





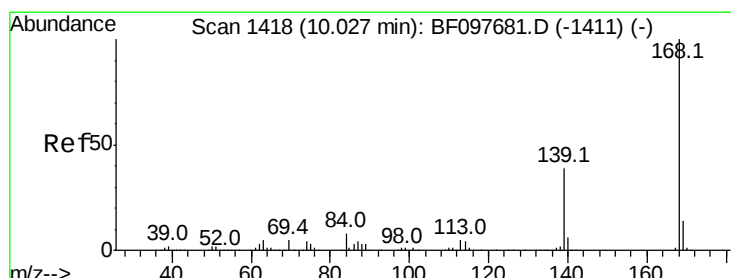
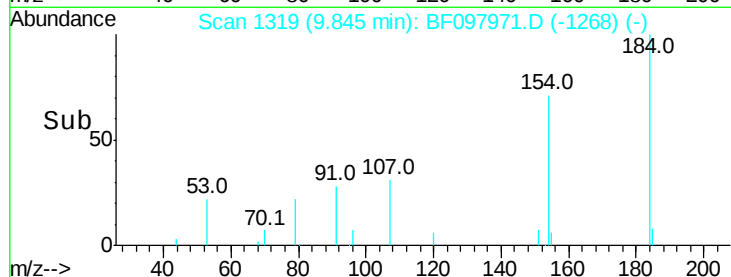
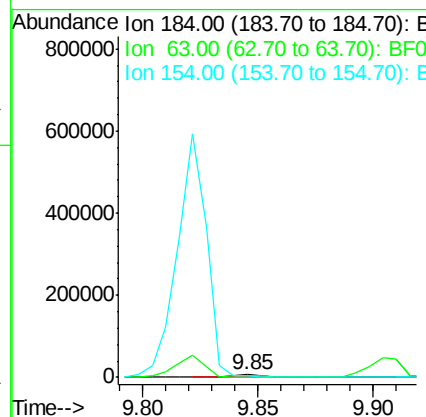
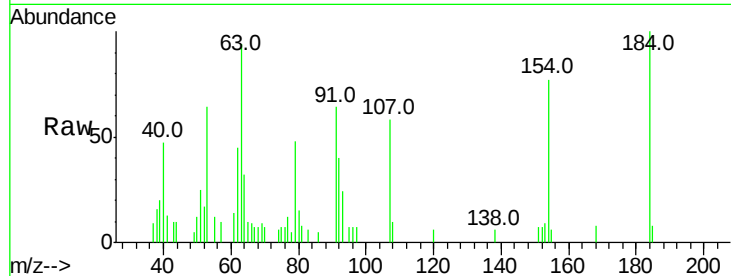
#53
2,4-Dinitrophenol
Concen: 13.027 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	93.7	62.7	94.1	
154	76.5	81.1	121.7	

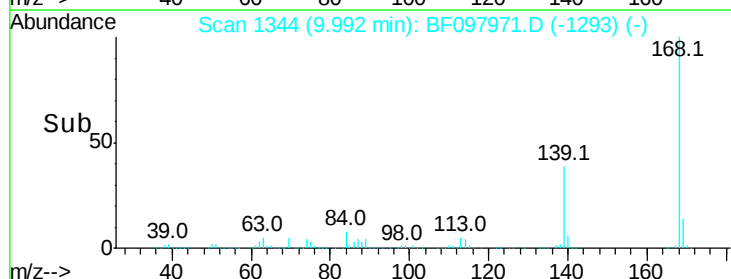
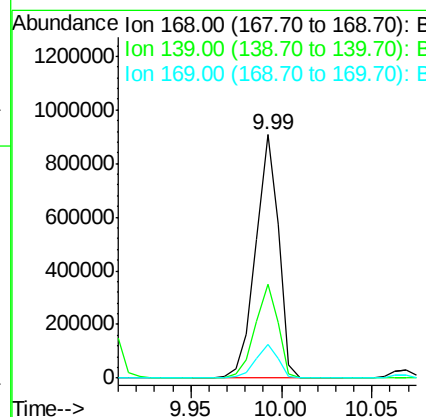
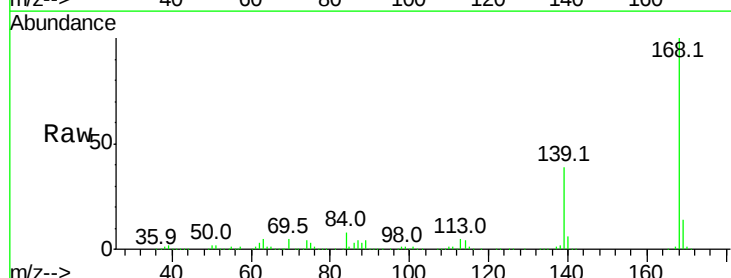
Manual Integrations
APPROVED

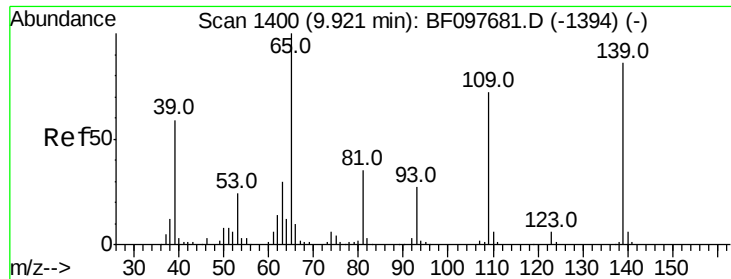
Sohil
8/23/2017 3:03:51 PM



#54
Dibenzofuran
Concen: 36.465 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	30.6	45.8	
169	13.9	10.8	16.2	





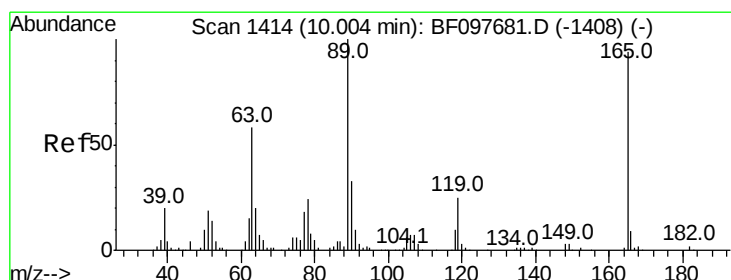
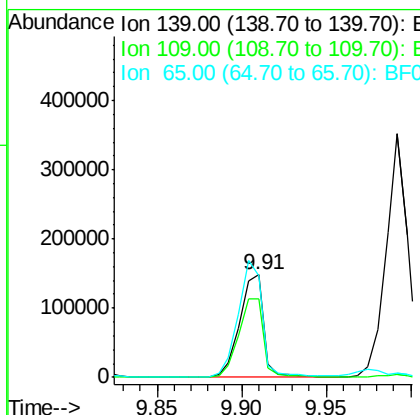
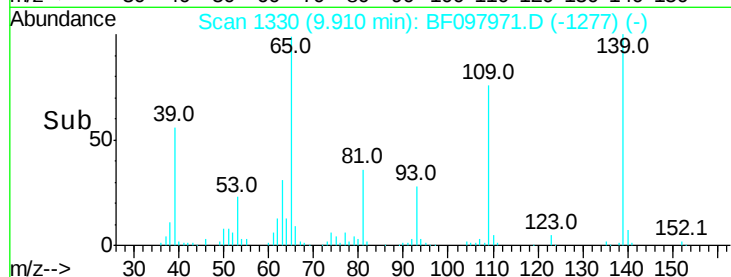
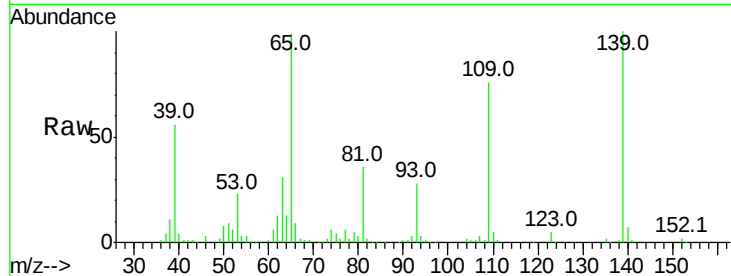
#55
4-Nitrophenol
Concen: 40.349 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.5	34.1	74.1#
65	99.3	31.4	71.4#

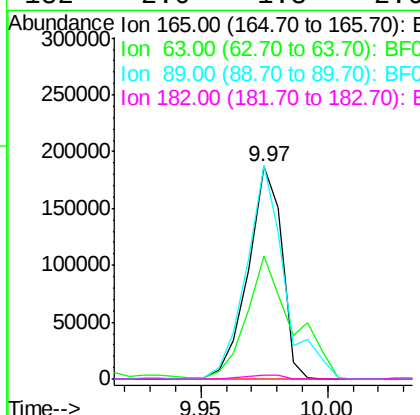
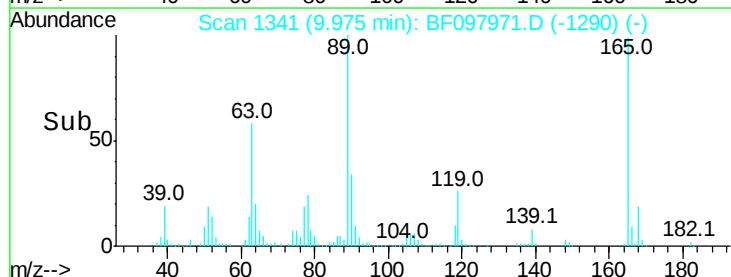
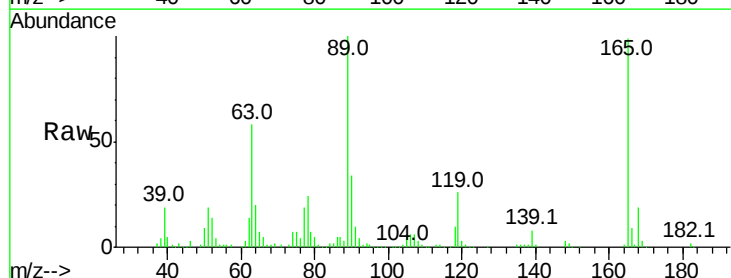
Manual Integrations
APPROVED

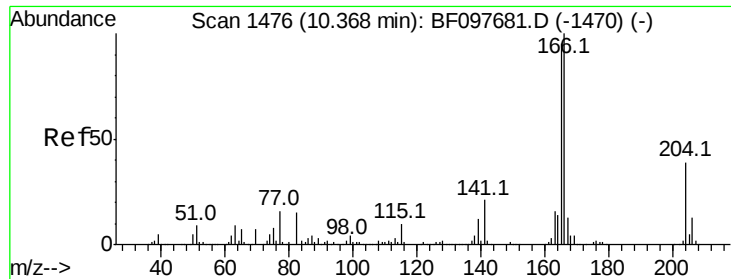
Sohil
8/23/2017 3:03:51 PM



#56
2,4-Dinitrotoluene
Concen: 38.680 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.1	25.4	38.0#
89	100.8	46.4	69.6#
182	2.0	1.8	2.6





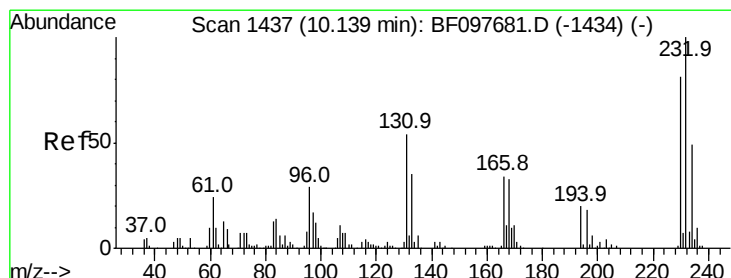
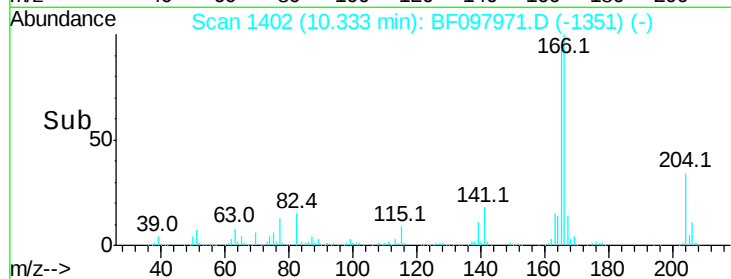
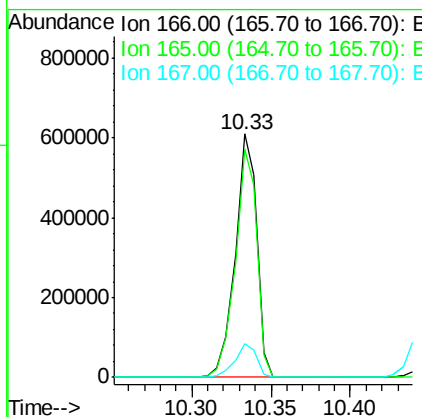
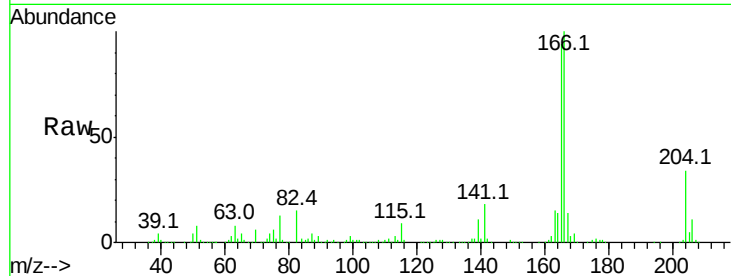
#57
Fluorene
 Concen: 33.822 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.6	78.8	118.2	
167	13.7	10.6	16.0	

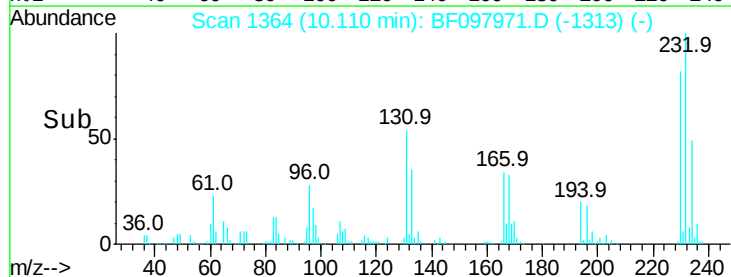
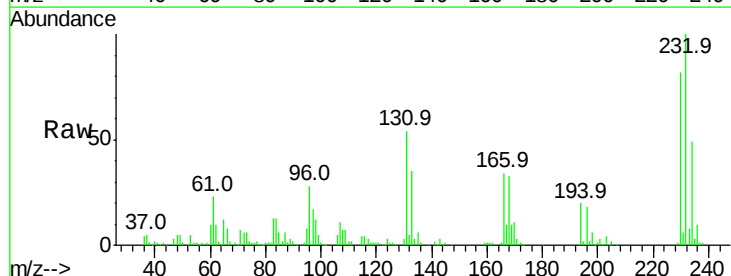
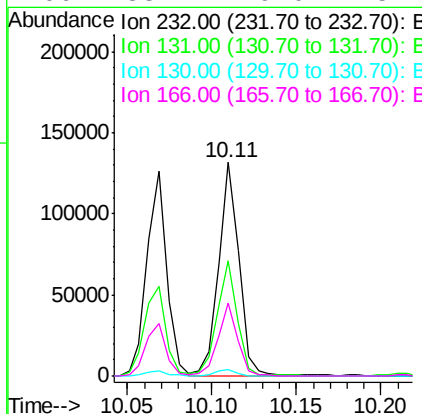
Manual Integrations
 APPROVED

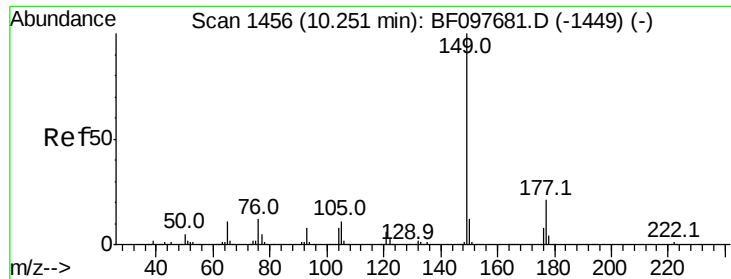
Sohil
 8/23/2017 3:03:51 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 28.718 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	54.3	44.8	67.2	
130	3.0	2.3	3.5	
166	33.2	29.0	43.4	





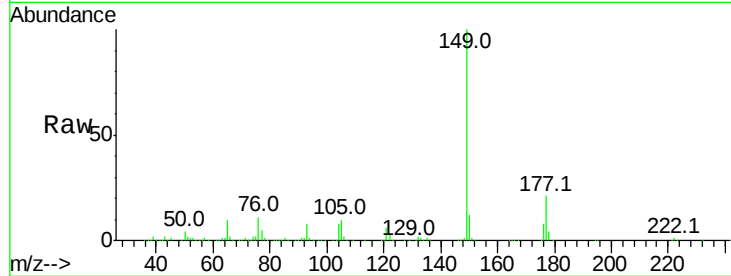
#59
Diethylphthalate
Concen: 38.720 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

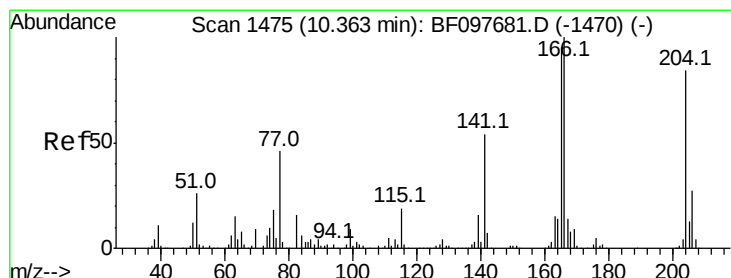
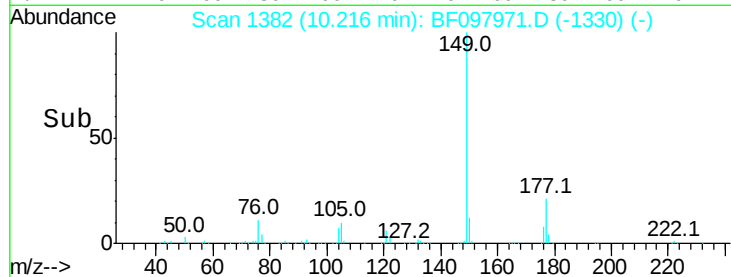
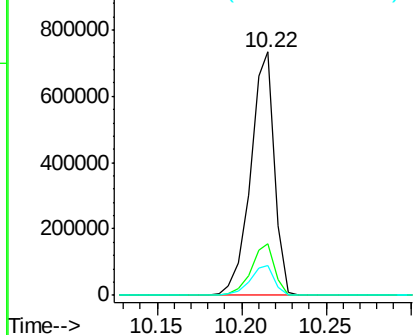
Tot Ion	Ratio	Resp	Lower	Upper
149	100	722580		
177	21.0	16.7	25.1	
150	12.2	10.2	15.2	

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM

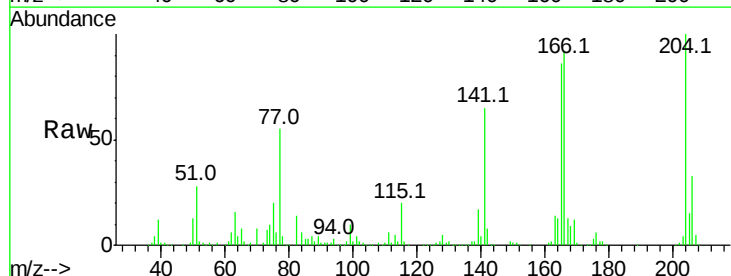


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

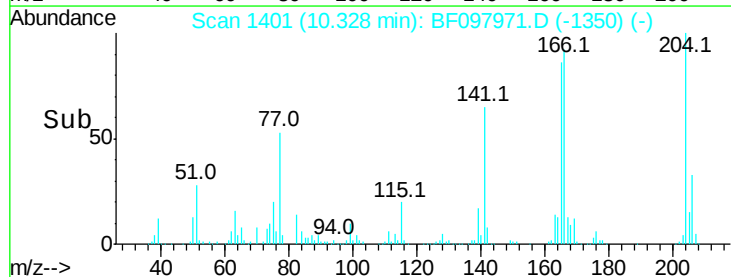
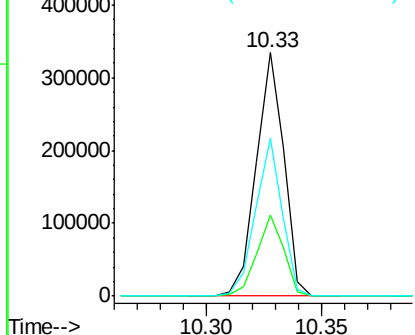


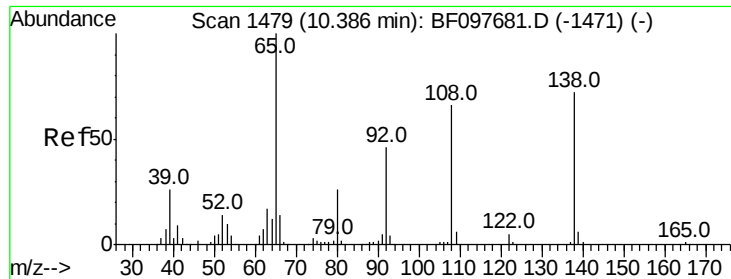
#60
4-Chlorophenyl-phenylether
Concen: 35.574 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	278989		
206	33.5	26.2	39.2	
141	64.9	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





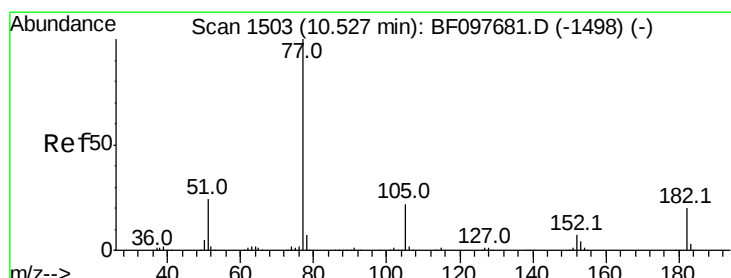
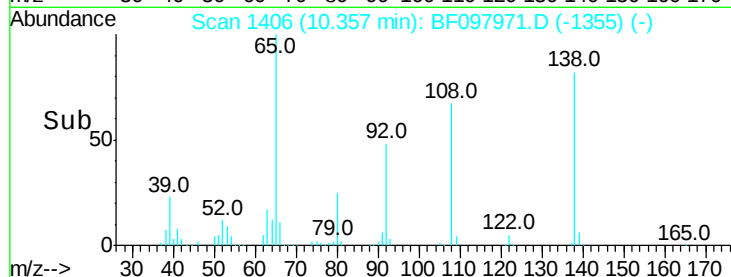
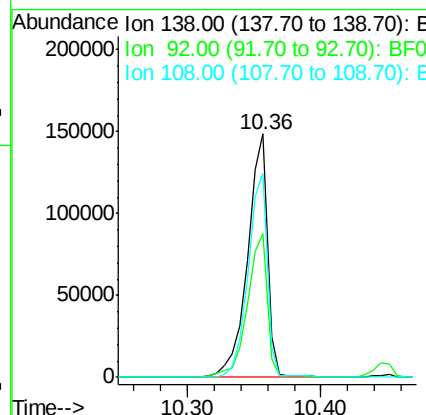
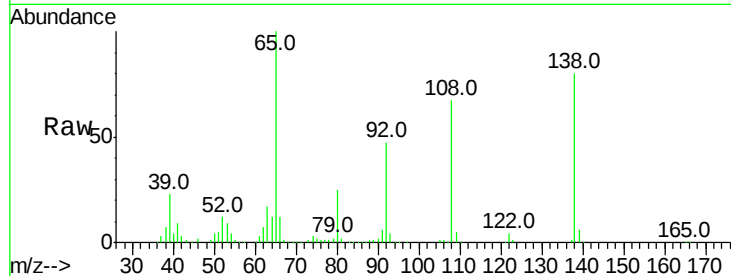
#61
4-Nitroaniline
Concen: 35.174 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	153642		
92	59.1	21.8	61.8	
108	83.6	42.3	82.3	

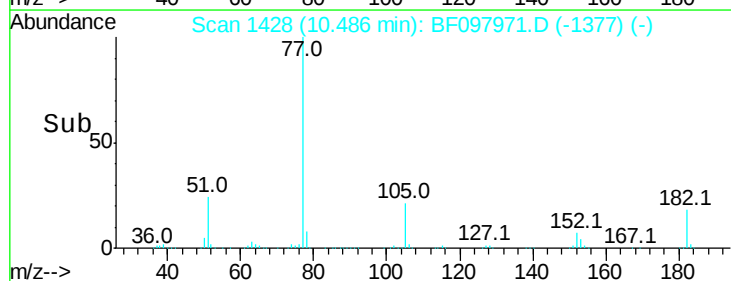
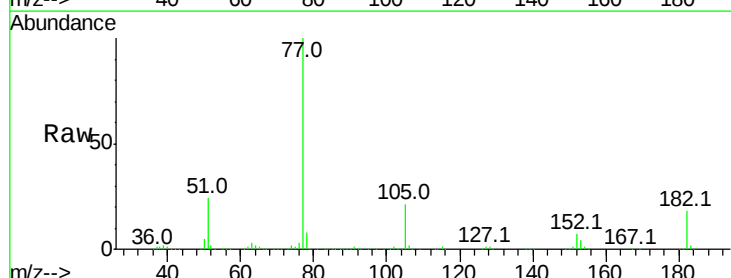
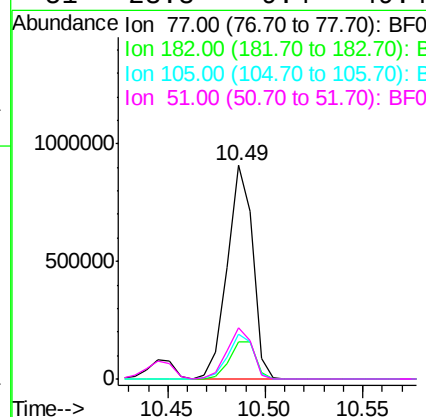
Manual Integrations
APPROVED

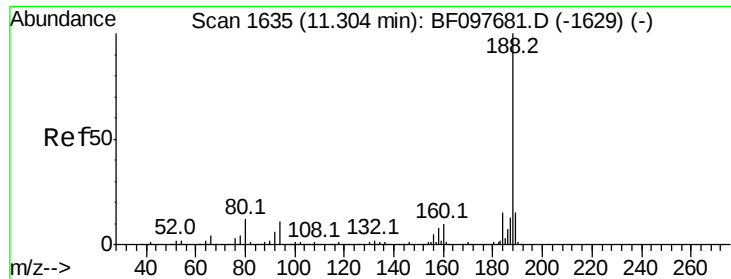
Sohil
8/23/2017 3:03:51 PM



#62
Azobenzene
Concen: 36.852 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	816915		
182	17.6	0.1	40.1	
105	21.0	3.6	43.6	
51	23.8	9.4	49.4	





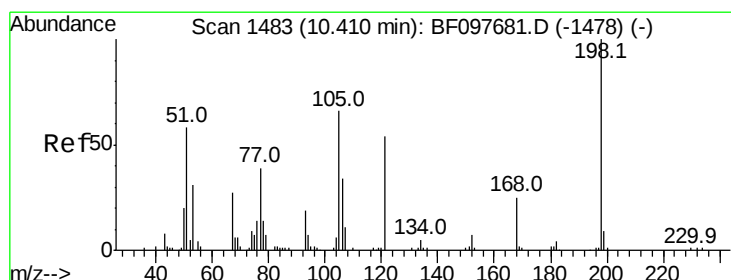
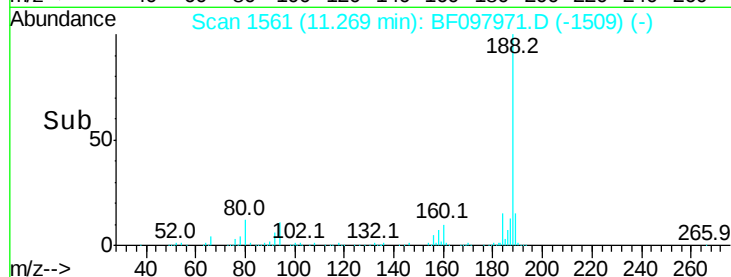
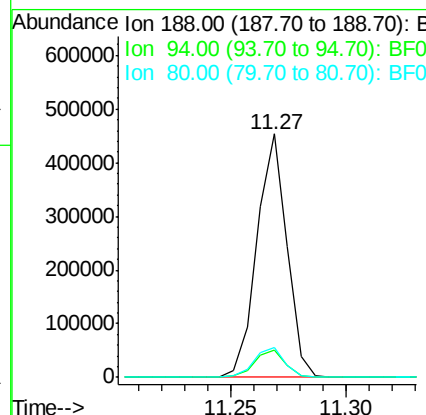
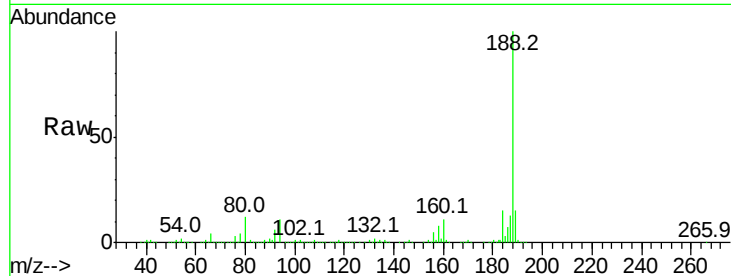
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	411491		
94	11.4		9.4	14.2
80	12.3		10.2	15.2

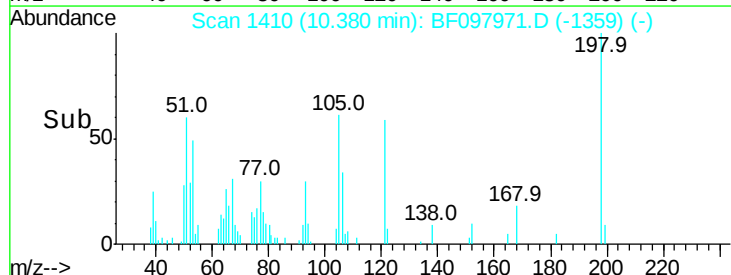
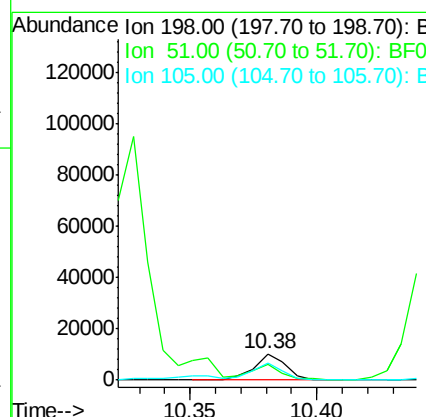
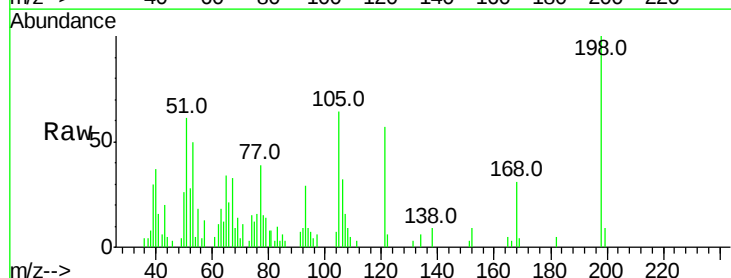
Manual Integrations
APPROVED

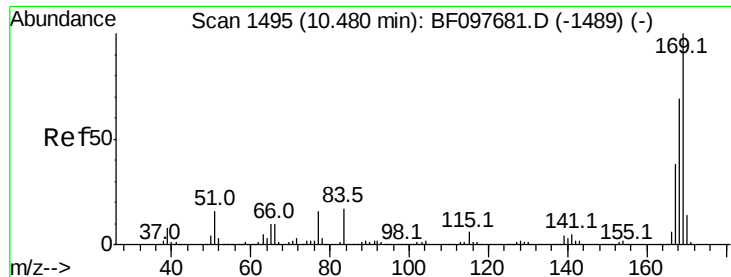
Sohil
8/23/2017 3:03:51 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.171 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	9031		
51	61.4		53.2	93.2
105	63.6		45.8	85.8





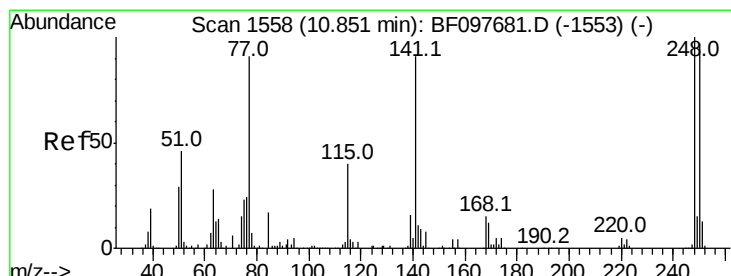
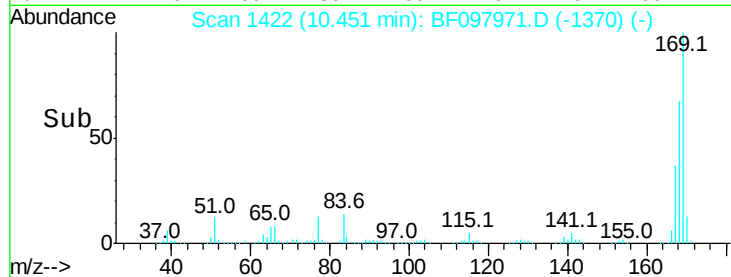
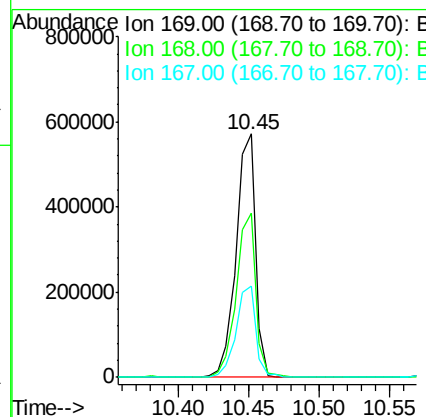
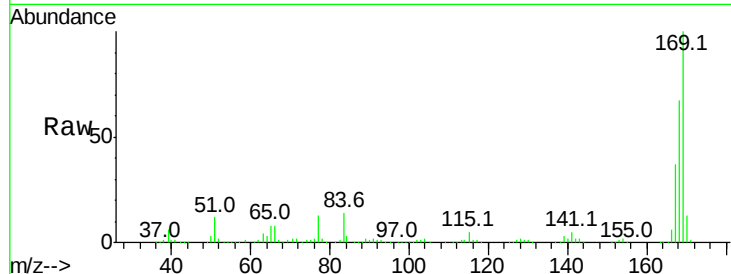
#65
 n-Nitrosodiphenylamine
 Concen: 39.009 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	546620		
168	67.5		53.2	79.8
167	37.3		29.5	44.3

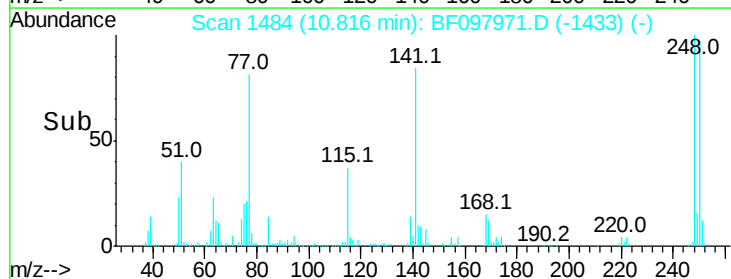
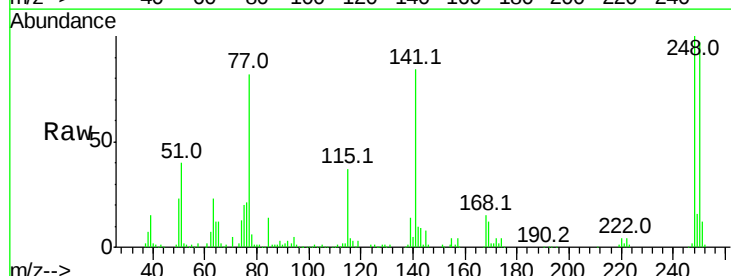
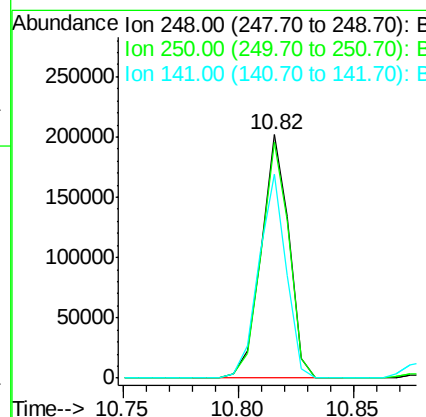
Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.725 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169746		
250	97.0		76.8	115.2
141	83.7		68.6	103.0





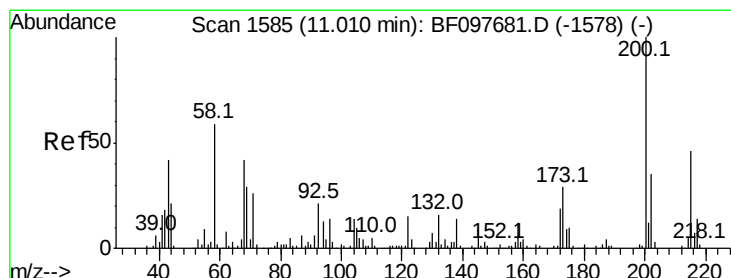
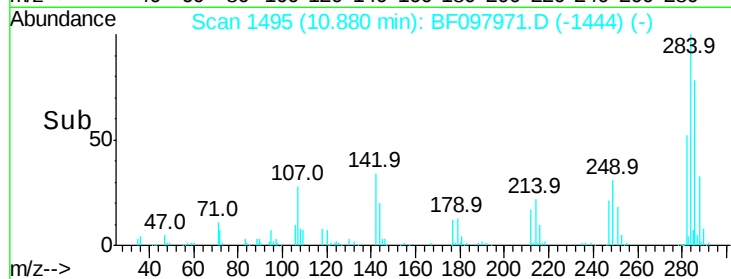
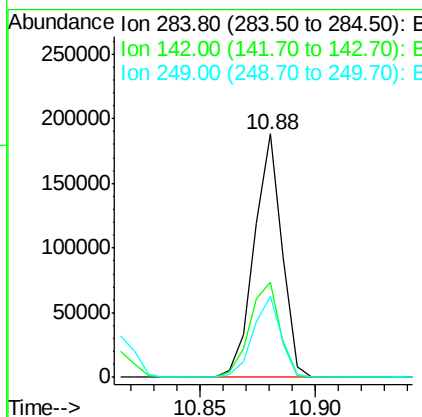
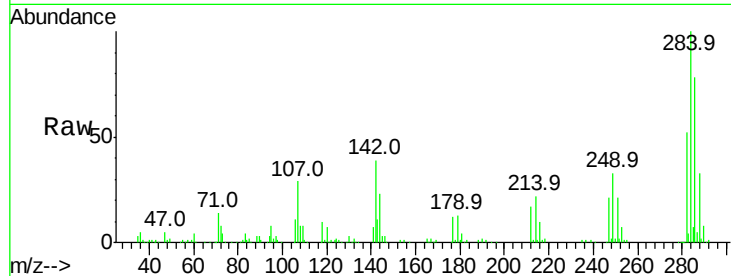
#67
Hexachlorobenzene
Concen: 36.220 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.3	22.8	34.2	#
249	33.0	24.0	36.0	

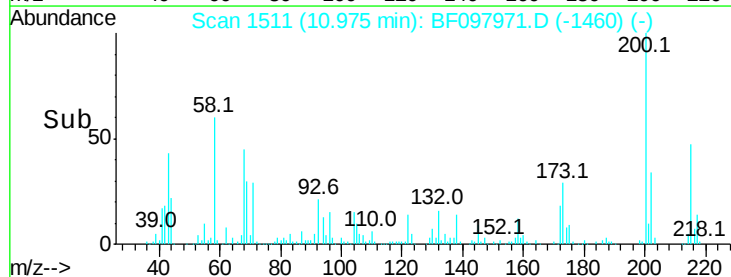
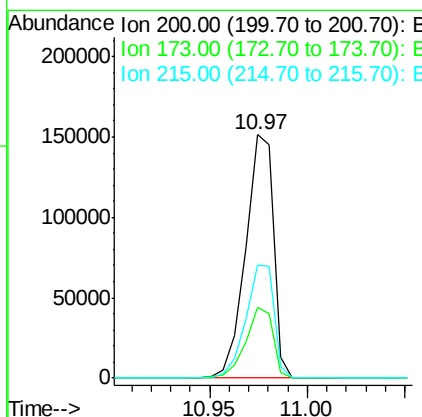
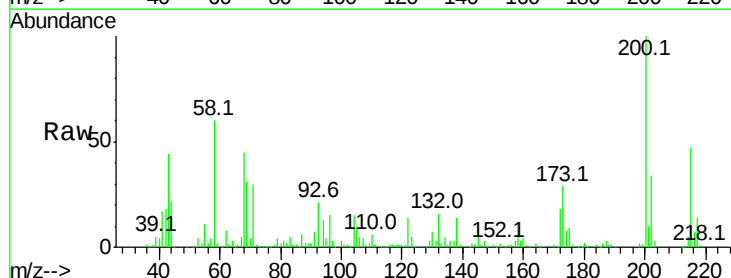
Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#68
Atrazine
Concen: 40.427 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.2	6.3	46.3	
215	46.6	27.2	67.2	





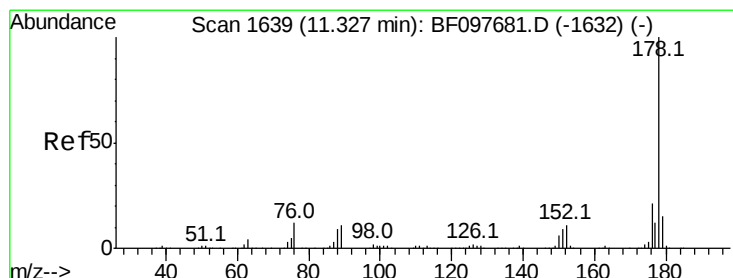
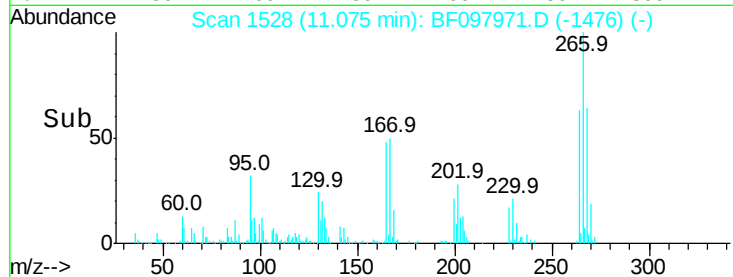
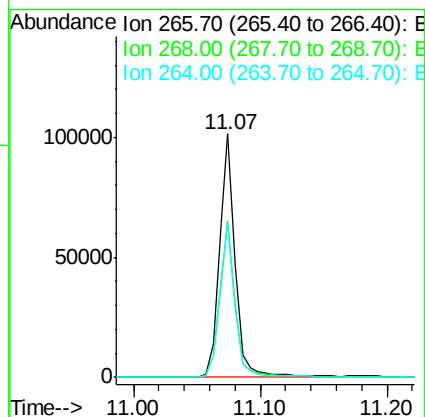
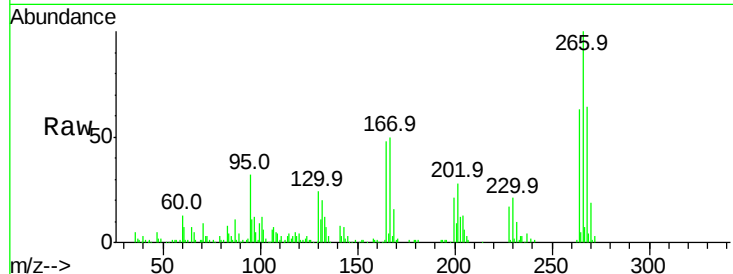
#69
 Pentachlorophenol
 Concen: 35.124 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	89196		
268	64.3		51.1	76.7
264	63.0		51.7	77.5

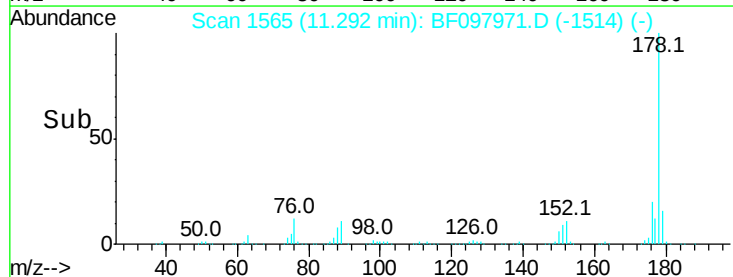
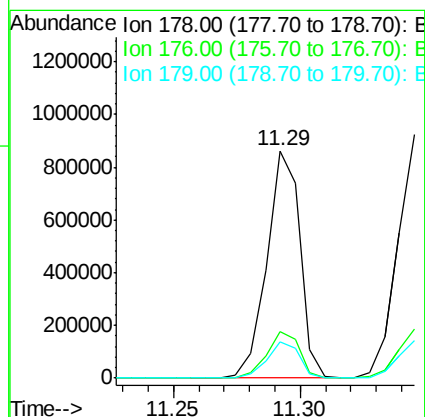
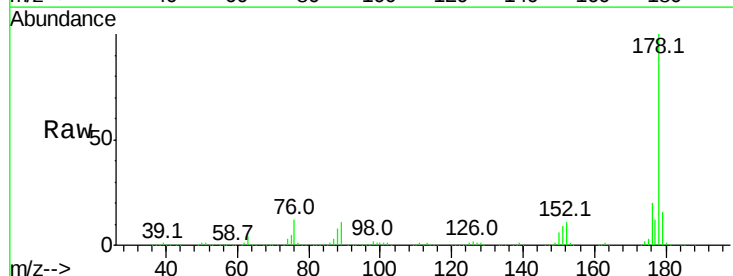
Manual Integrations
 APPROVED

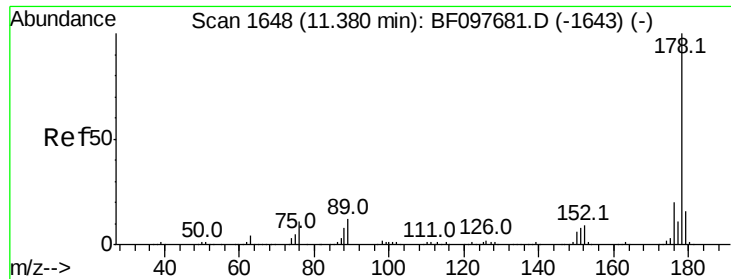
Sohil
 8/23/2017 3:03:51 PM



#70
 Phenanthrene
 Concen: 35.987 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	789097		
176	20.3		16.2	24.4
179	15.7		12.6	19.0





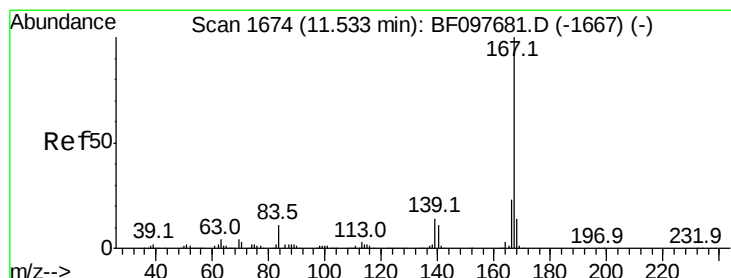
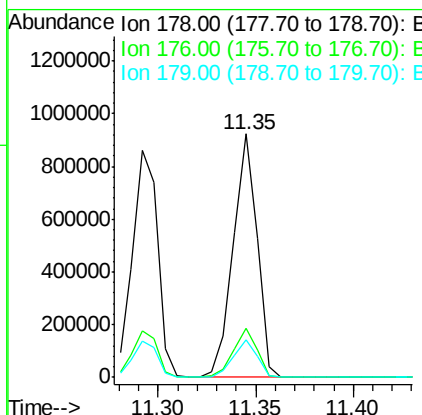
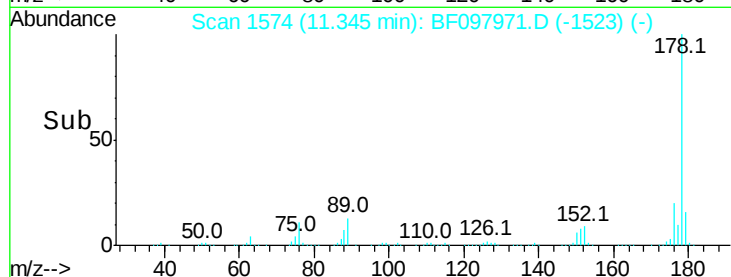
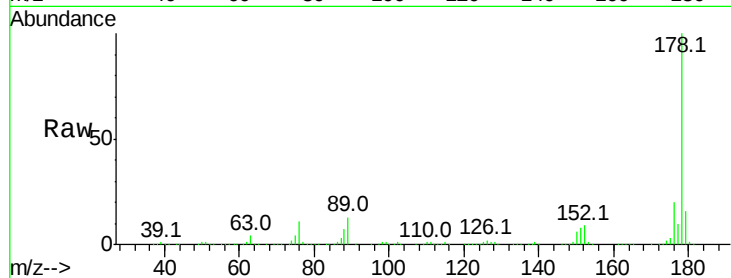
#71
 Anthracene
 Concen: 35.313 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	785359		
176	19.9	15.8	23.8	
179	15.5	12.7	19.1	

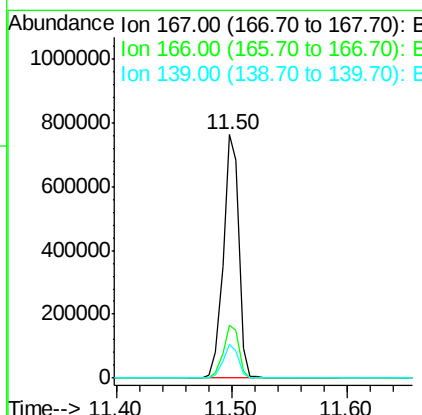
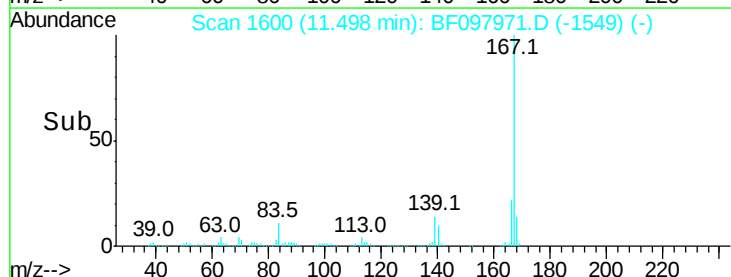
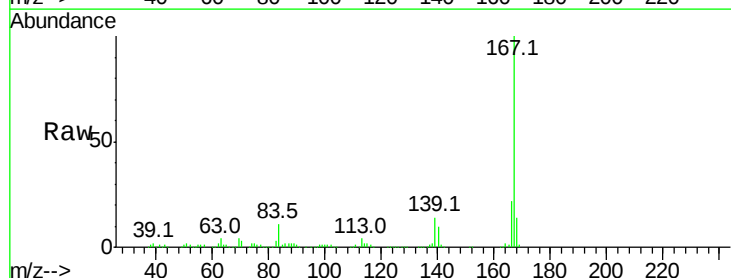
Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM



#72
 Carbazole
 Concen: 33.574 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	708775		
166	21.8	18.1	27.1	
139	14.0	11.7	17.5	





#73

Di-n-butylphthalate

Concen: 42.165 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

SB-15-COMPMSD

Tot Ion:149 Resp: 1025288

Ion Ratio Lower Upper

149 100

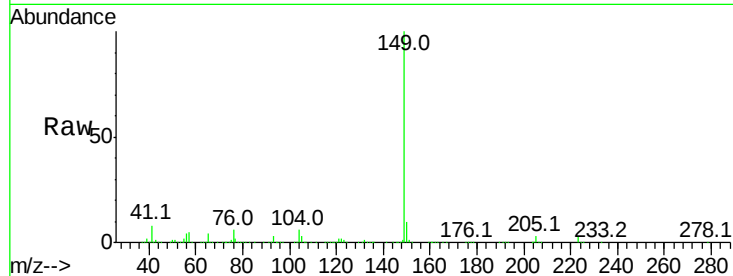
150 9.5 7.7 11.5

104 5.8 4.0 6.0

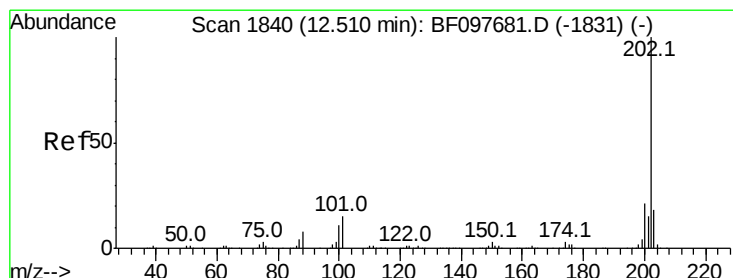
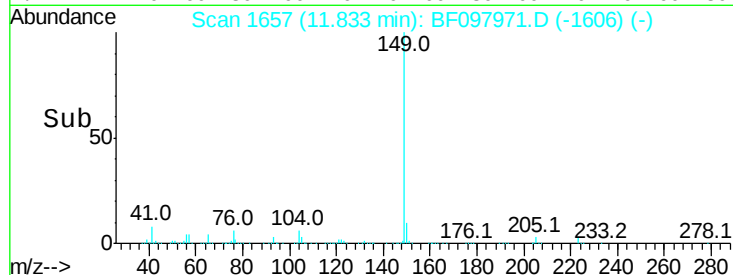
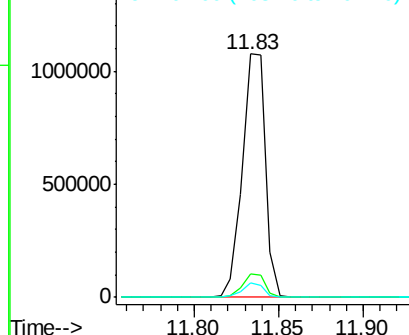
Manual Integrations
APPROVED

Sohil

8/23/2017 3:03:51 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.895 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

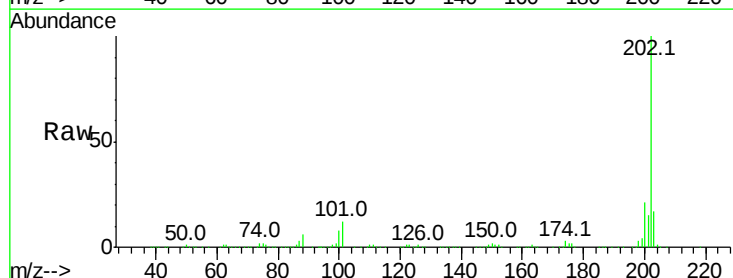
Tgt Ion:202 Resp: 729982

Ion Ratio Lower Upper

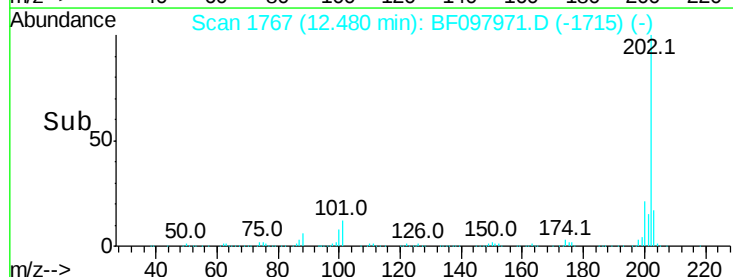
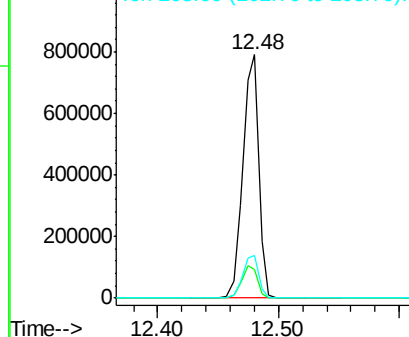
202 100

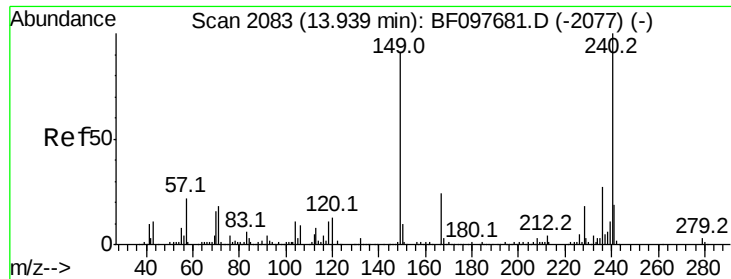
101 11.6 0.0 33.2

203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Instrument :

BNA_F

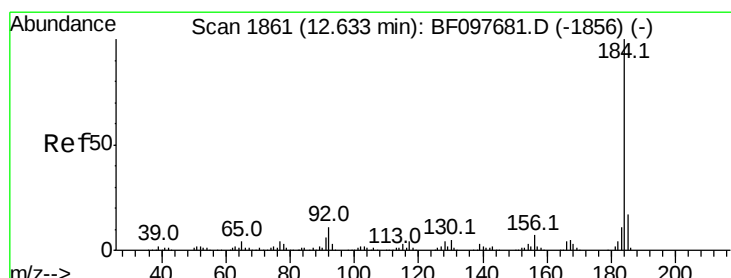
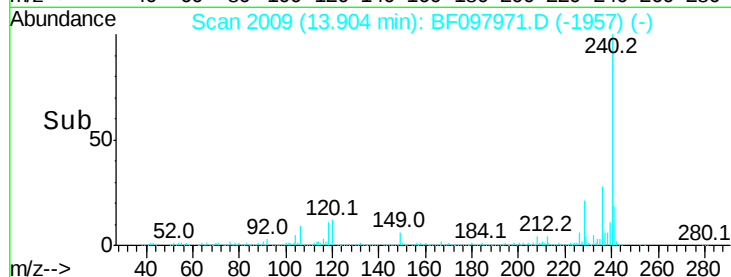
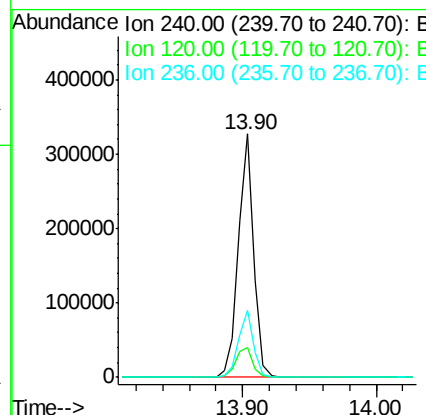
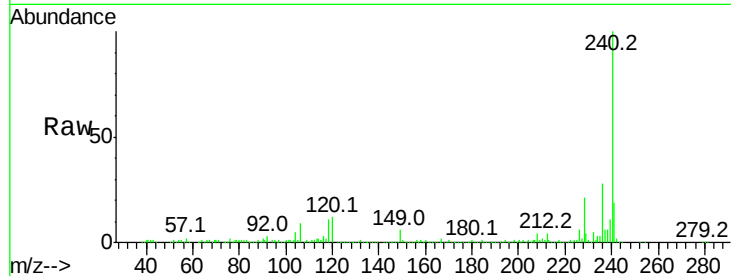
ClientSampleId :

SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	266055		
120	12.5	5.8	8.8#	
236	27.7	20.5	30.7	

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:51 PM



#76

Benzidine

Concen: 12.225 ng

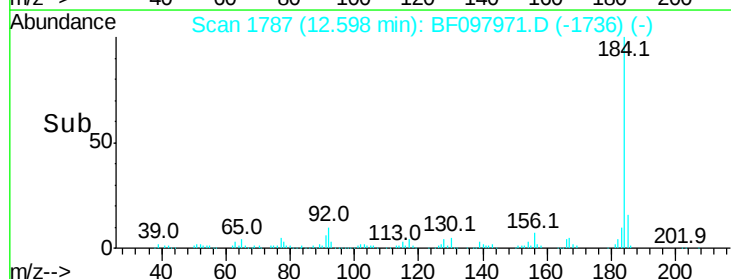
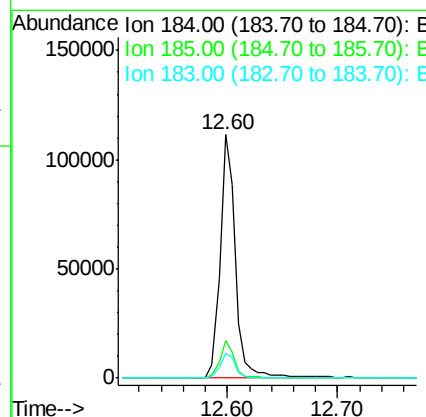
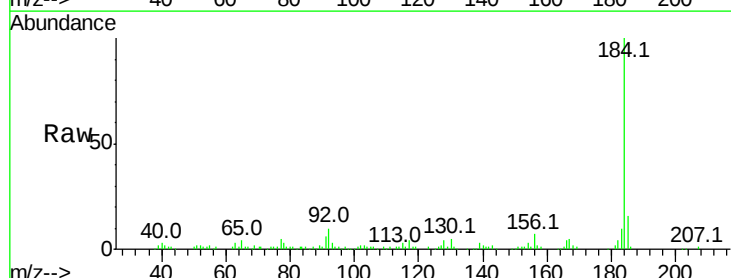
RT: 12.60 min Scan# 1787

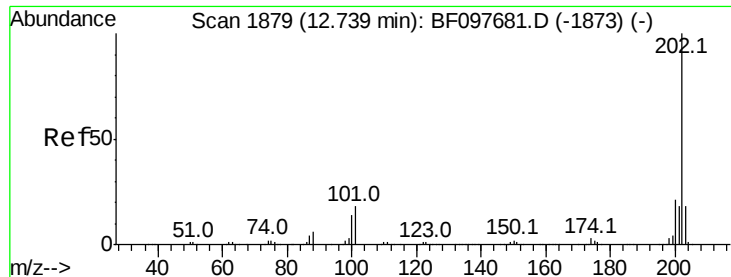
Delta R.T. 0.00 min

Lab File: BF097971.D

Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	106642		
185	15.6	15.5	23.3	
183	10.1	9.8	14.6	





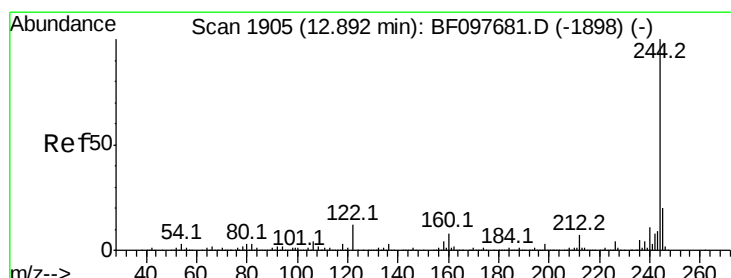
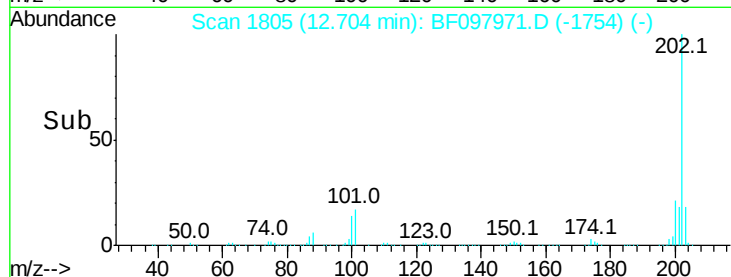
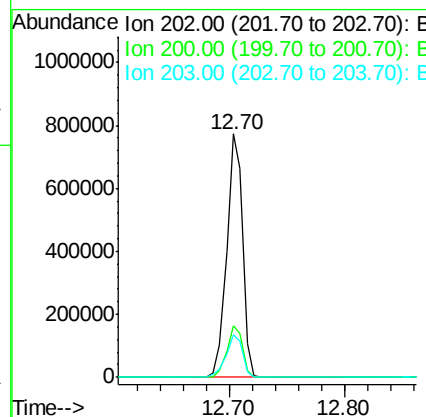
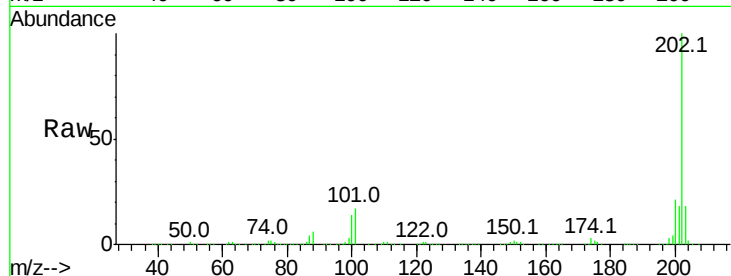
#77
Pvrene
Concen: 33.726 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	733882		
200	21.1		17.6	26.4
203	17.7		14.4	21.6

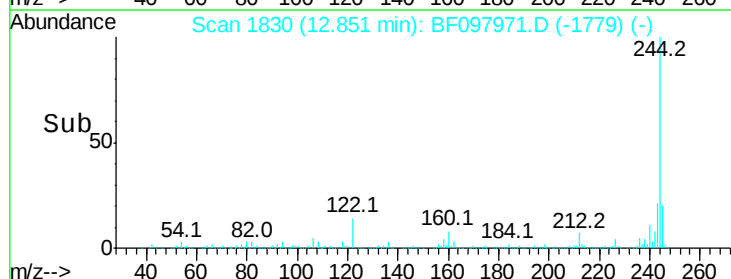
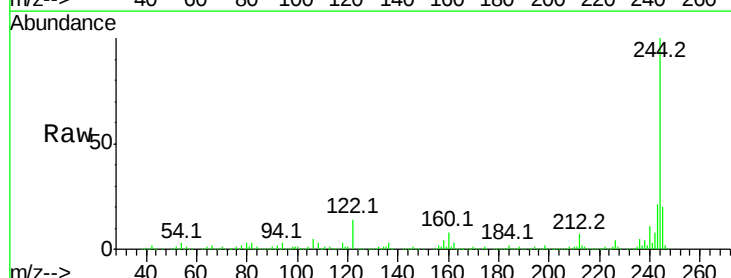
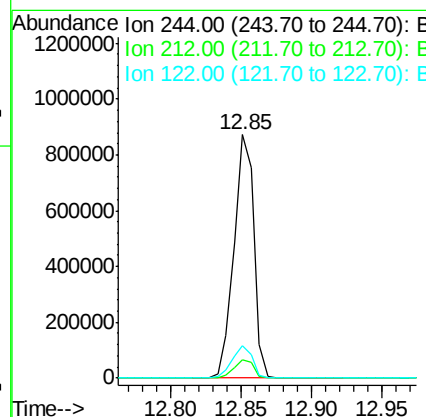
Manual Integrations
APPROVED

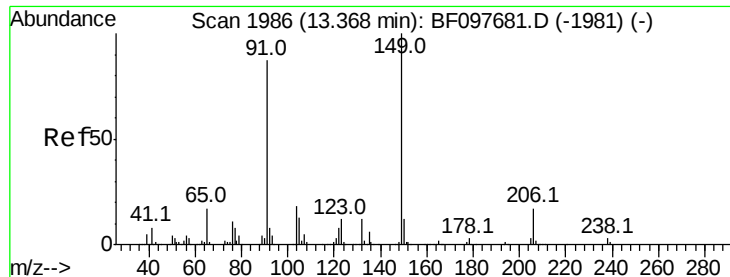
Sohil
8/23/2017 3:03:51 PM



#78
Terphenyl-d14
Concen: 67.001 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	854827		
212	7.4		6.0	9.0
122	13.6		10.3	15.5





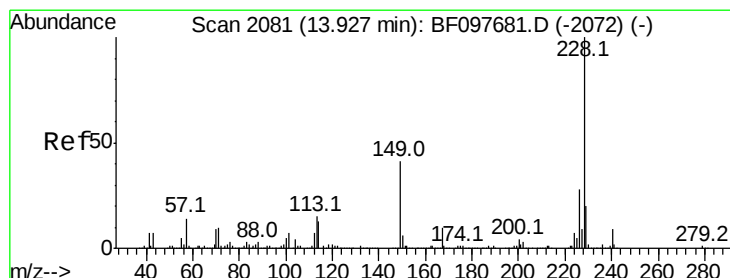
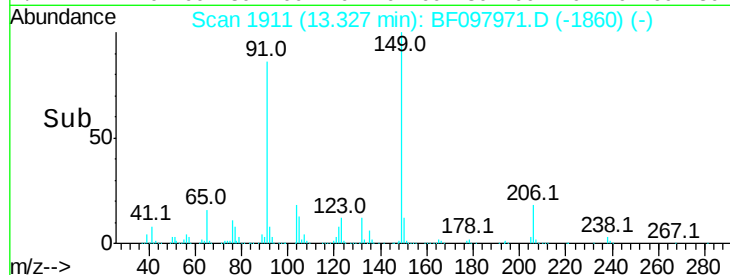
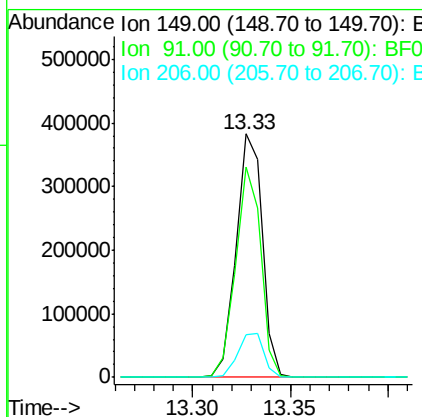
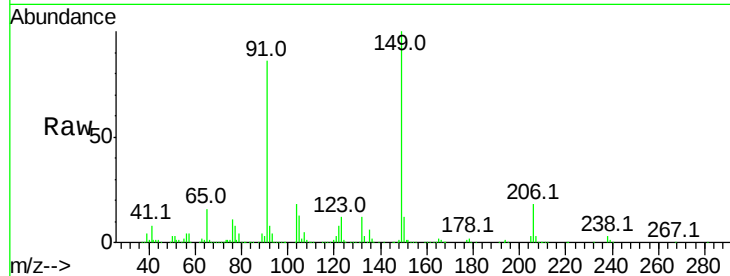
#79
Butylbenzylphthalate
Concen: 42.482 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	354423		
91	86.2	45.0	67.4#	
206	17.7	17.0	25.6	

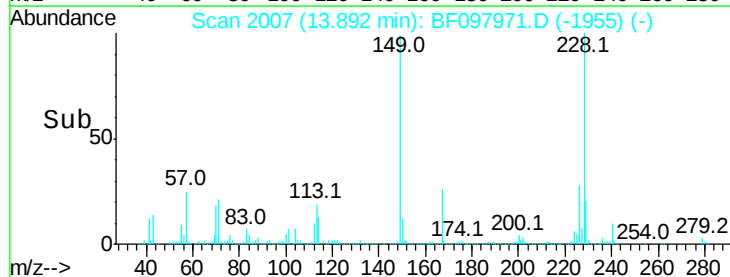
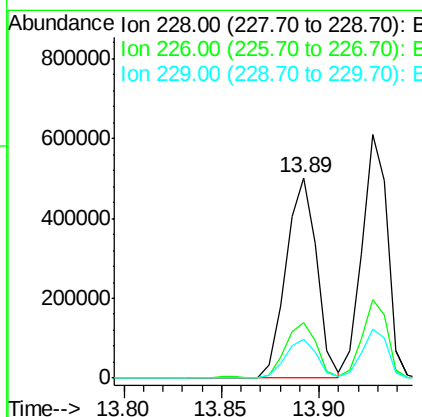
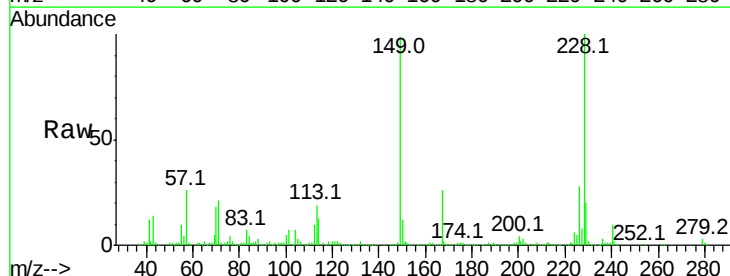
Manual Integrations
APPROVED

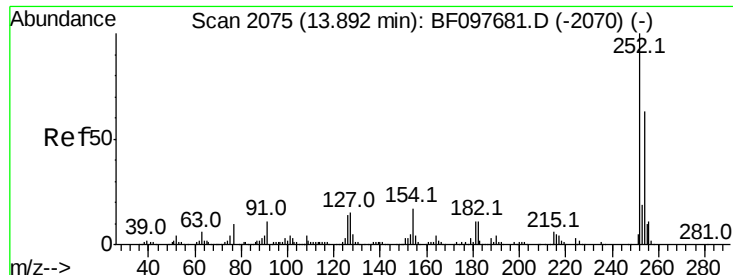
Sohil
8/23/2017 3:03:51 PM



#80
Benzo(a)anthracene
Concen: 34.193 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	545240		
226	27.7	22.6	33.8	
229	19.6	16.3	24.5	





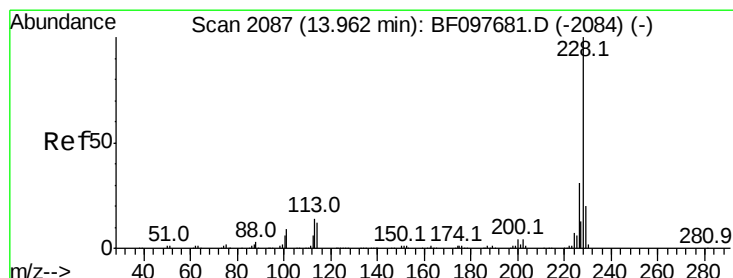
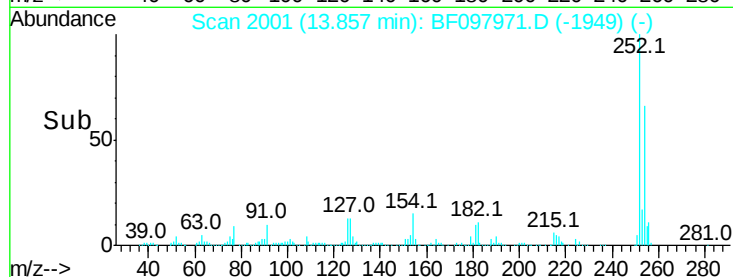
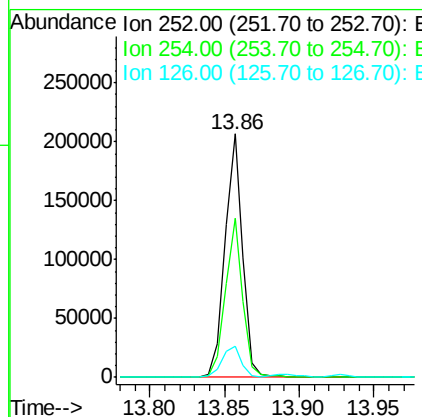
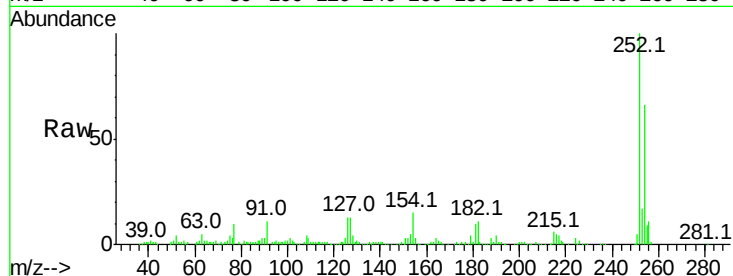
#81
 3,3'-Dichlorobenzidine
 Concen: 32.241 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	51.5	77.3
126	13.0	15.8	23.8

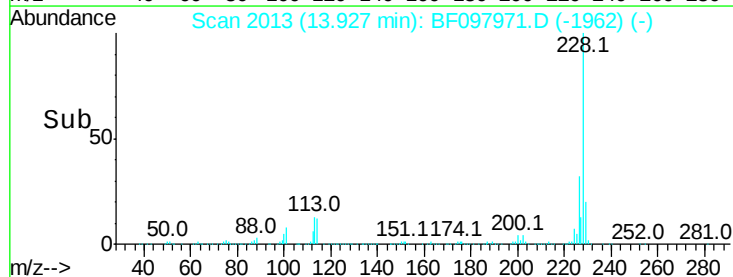
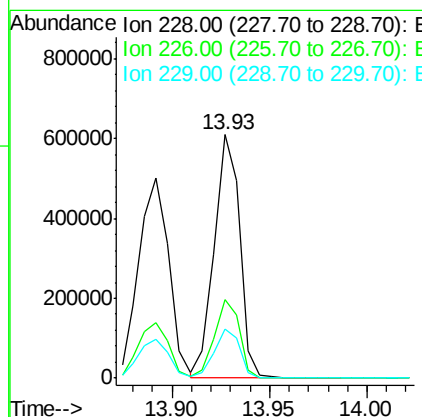
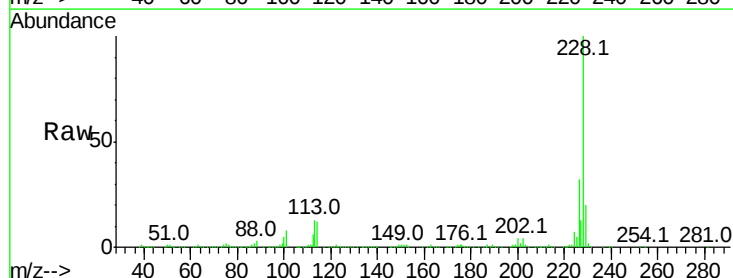
Manual Integrations
 APPROVED

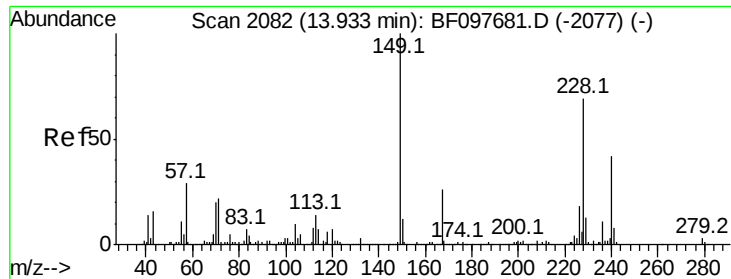
Sohil
 8/23/2017 3:03:51 PM



#82
 Chrysene
 Concen: 34.710 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.2	24.9	37.3
229	20.1	15.8	23.6





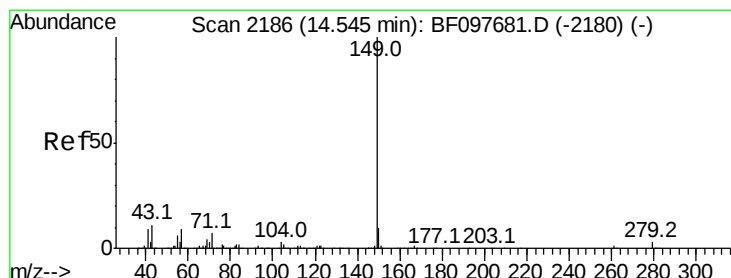
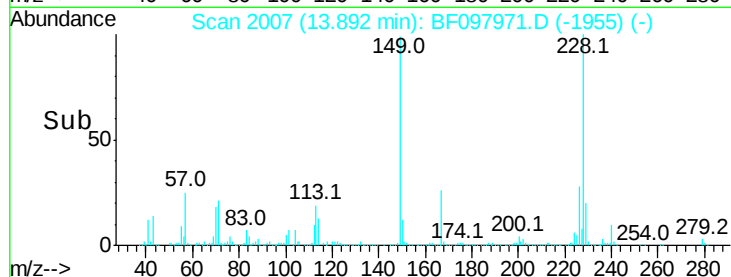
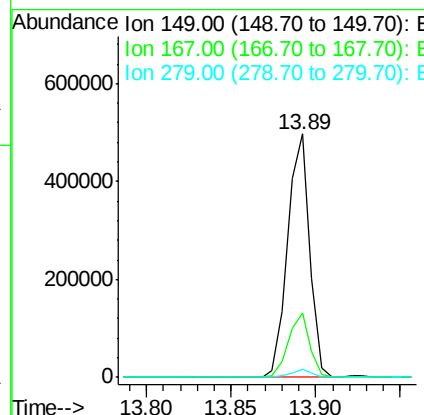
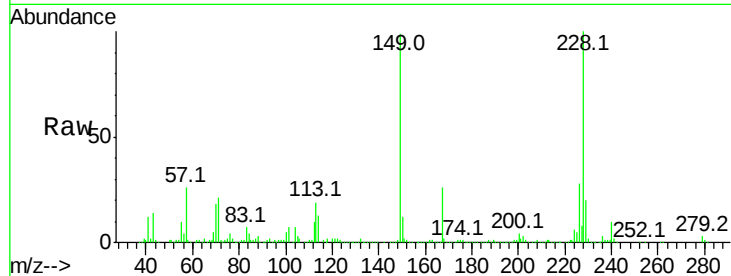
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.617 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.4	21.0	31.4	
279	3.2	1.9	2.9	

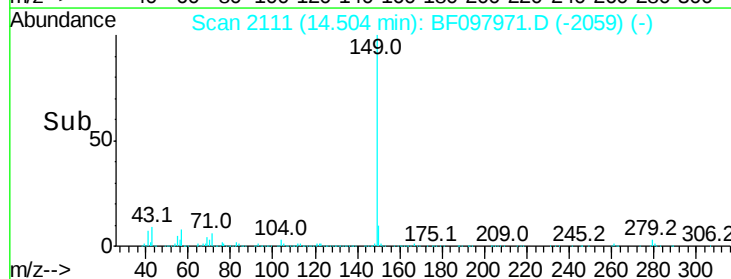
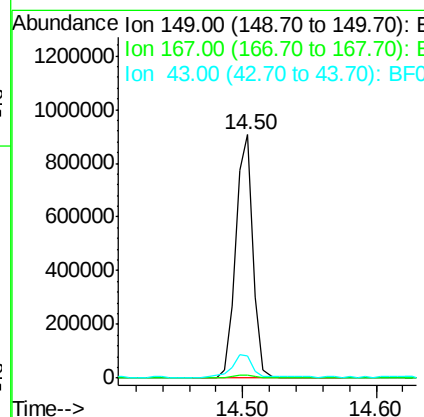
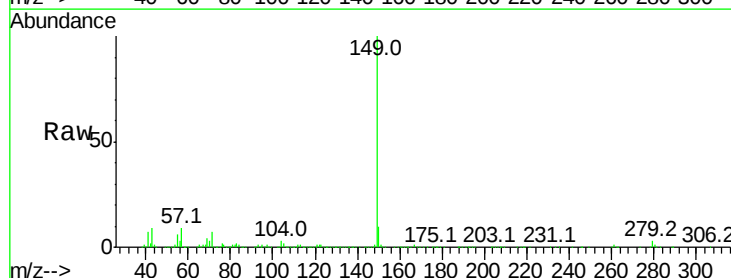
Manual Integrations
 APPROVED

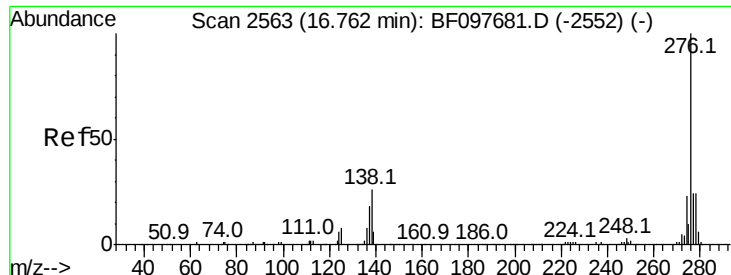
Sohil
 8/23/2017 3:03:51 PM



#84
 Di-n-octyl phthalate
 Concen: 50.875 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.6	8.5	12.7	





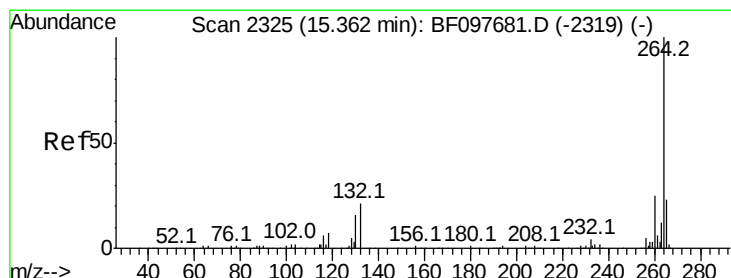
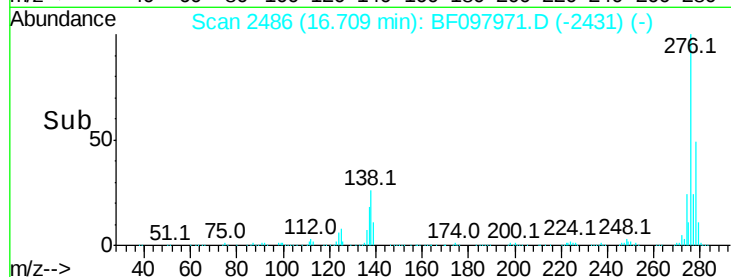
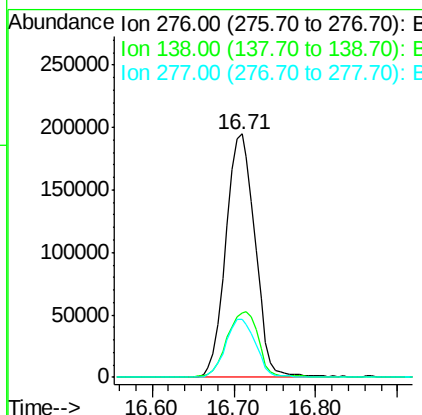
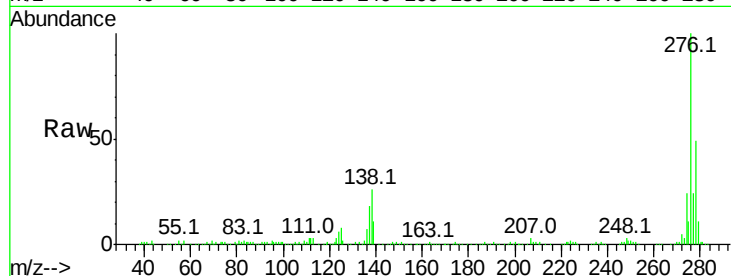
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.509 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.02 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampled :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	24.8	20.2	30.4

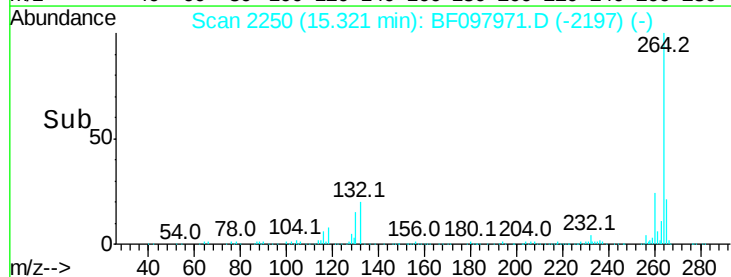
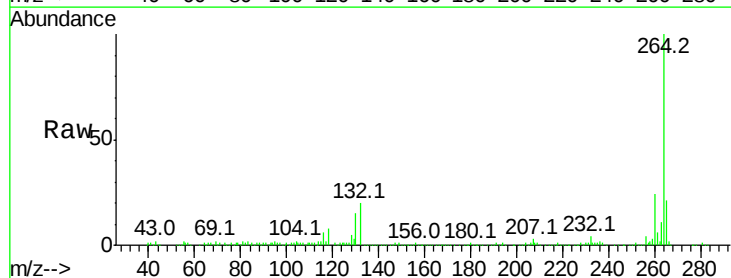
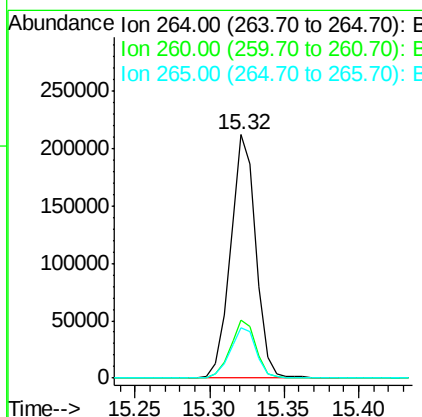
Manual Integrations
 APPROVED

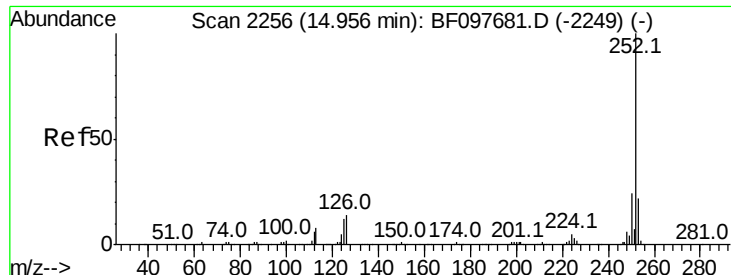
Sohil
 8/23/2017 3:03:51 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.8	17.2	25.8





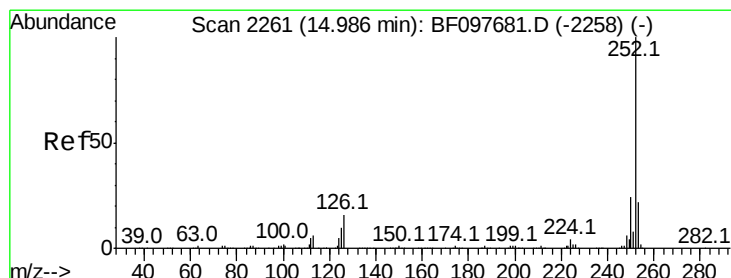
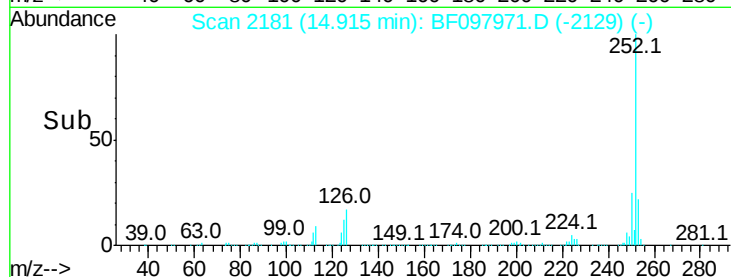
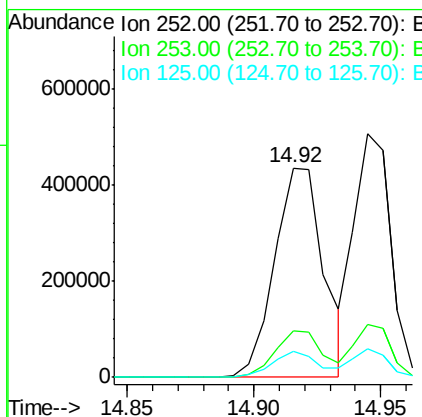
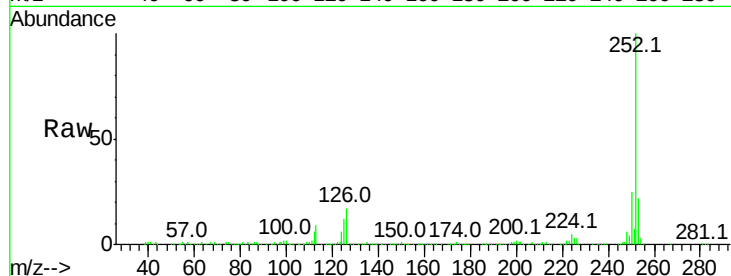
#87
Benzo(b)fluoranthene
Concen: 36.856 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	586113		
253	22.4	18.1	27.1	
125	12.3	9.8	14.8	

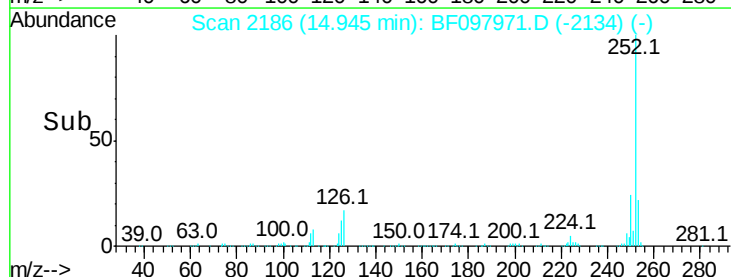
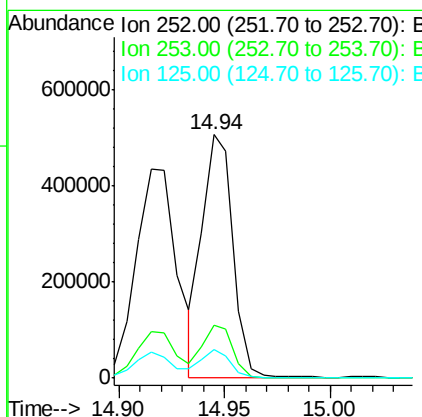
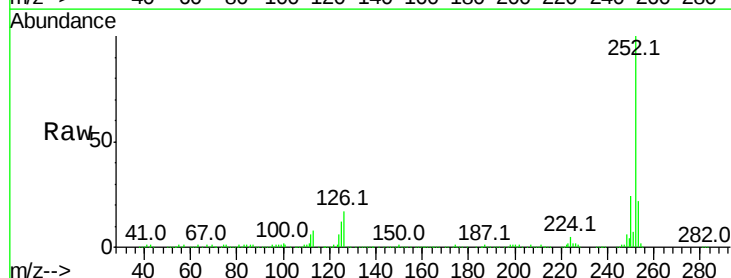
Manual Integrations
APPROVED

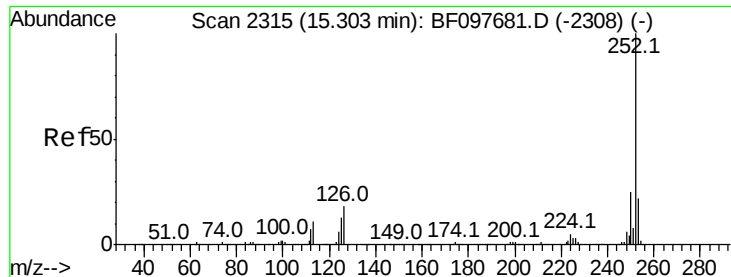
Sohil
8/23/2017 3:03:51 PM



#88
Benzo(k)fluoranthene
Concen: 34.152 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	510253		
253	21.8	18.4	27.6	
125	11.9	13.1	19.7	





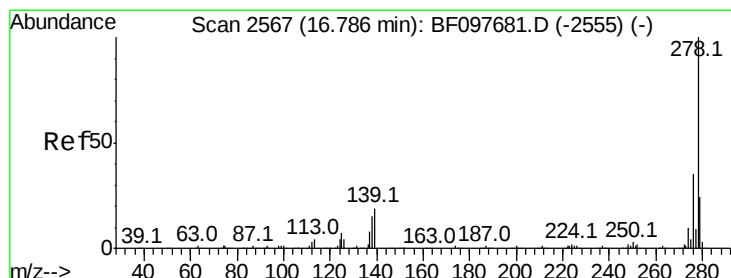
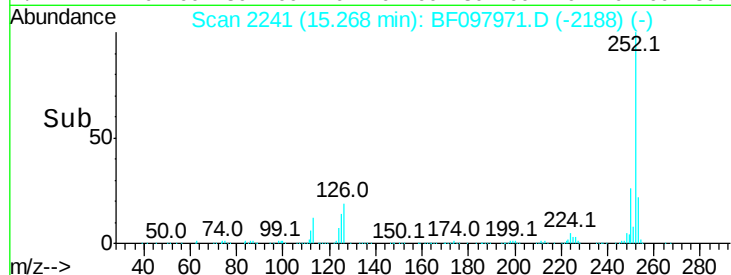
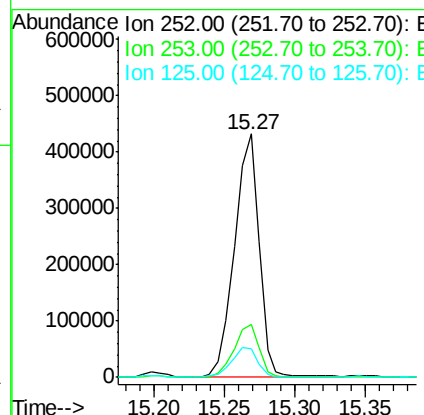
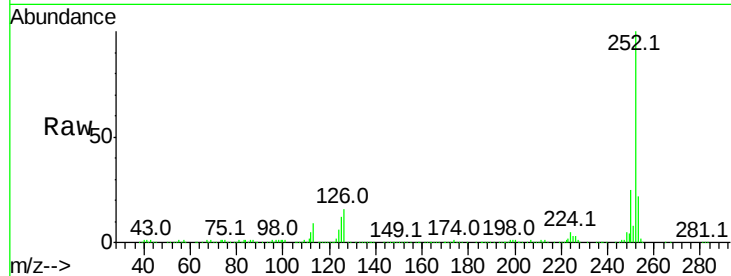
#89
Benzo(a)pyrene
Concen: 37.419 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.9	11.0	16.4

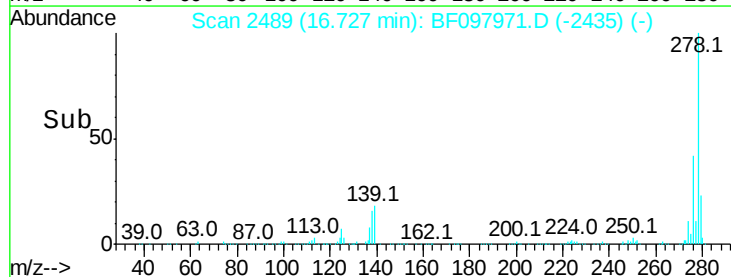
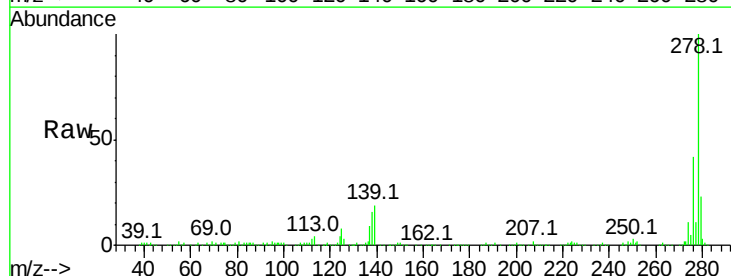
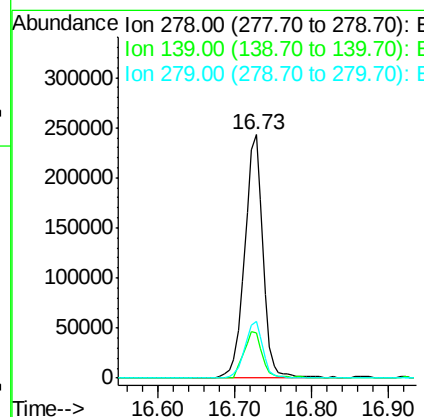
Manual Integrations
APPROVED

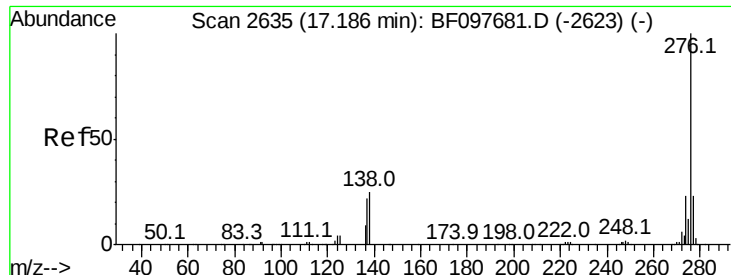
Sohil
8/23/2017 3:03:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.420 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097971.D
Acq: 22 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.6	24.8
279	23.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 32.030 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF097971.D
 Acq: 22 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	25.2	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:51 PM

