

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098137.D
 Acq On : 30 Aug 2017 4:47
 Operator : SJ/JU
 Sample : I4986-03MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Manual Integrations
 APPROVED

Sohil
 8/30/2017 6:45:15 PM

Quant Time: Aug 30 08:01:52 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	6.73	152	133637	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	523641	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	217549	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	353959	20.00	ng	0.00
75) Chrysene-d12	13.89	240	282447	20.00	ng	0.00
86) Perylene-d12	15.31	264	222144	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1000712	113.90	ng	0.01
7) Phenol-d6	6.38	99	1259822	105.54	ng	0.00
23) Nitrobenzene-d5	7.30	82	908160	94.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	228731	121.18	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1295614	87.50	ng	-0.01
78) Terphenyl-d14	12.84	244	911166	67.27	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	167297	34.144	ng	# 76
3) Pyridine	3.25	79	399587	29.500	ng	85
4) n-Nitrosodimethylamine	3.20	42	182896	35.092	ng	# 75
6) Aniline	6.40	93	334781	19.964	ng	98
8) 2-Chlorophenol	6.53	128	363586	39.241	ng	100
9) Benzaldehyde	6.29	77	117184	15.498	ng	92
10) Phenol	6.39	94	450446	32.264	ng	99
11) bis(2-Chloroethyl)ether	6.48	93	422146	40.062	ng	94
12) 1,3-Dichlorobenzene	6.67	146	354199m	35.539	ng	
13) 1,4-Dichlorobenzene	6.75	146	357064	35.226	ng	# 92
14) 1,2-Dichlorobenzene	6.91	146	335751	35.923	ng	97
15) Benzyl Alcohol	6.89	79	351707	39.353	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	545073	38.446	ng	87
17) 2-Methylphenol	7.00	107	322523	39.500	ng	96
18) Hexachloroethane	7.25	117	132994	33.466	ng	# 81
19) n-Nitroso-di-n-propylamine	7.16	70	309517	37.877	ng	89
20) 3+4-Methylphenols	7.15	107	382743	38.379	ng	# 90
22) Acetophenone	7.15	105	545125	39.407	ng	# 90
24) Nitrobenzene	7.32	77	466900	43.503	ng	93
25) Isophorone	7.56	82	849232	42.370	ng	97
26) 2-Nitrophenol	7.64	139	179496	46.364	ng	# 83
27) 2,4-Dimethylphenol	7.68	122	337124	40.330	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	548671	41.638	ng	98
29) 2,4-Dichlorophenol	7.88	162	284220	40.961	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	295285	38.388	ng	99
31) Naphthalene	8.05	128	1056241	38.854	ng	99
32) Benzoic acid	7.81	122	151955	28.025	ng	90
33) 4-Chloroaniline	8.09	127	142544	12.433	ng	98
34) Hexachlorobutadiene	8.16	225	168881	37.603	ng	96
35) Caprolactam	8.47	113	89566m	37.969	ng	
36) 4-Chloro-3-methylphenol	8.59	107	337057	37.807	ng	# 80
37) 2-Methylnaphthalene	8.73	142	685583	41.135	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	277075	41.500	ng	98
40) Hexachlorocyclopentadiene	8.88	237	107587	33.543	ng	100

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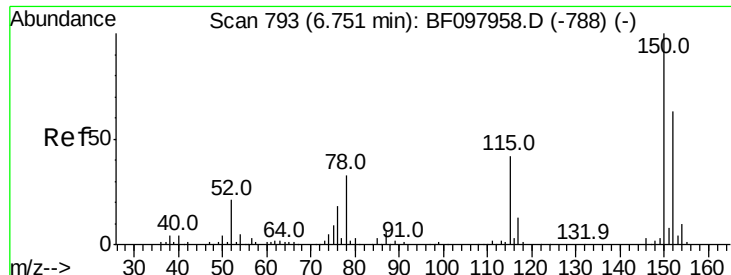
Manual Integrations
 APPROVED

Sohil
 8/30/2017 6:45:15 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	185524	41.389	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	180469	40.583	nq	96
45) 1,1'-Biphenyl	9.20	154	789872	39.815	nq	96
46) 2-Chloronaphthalene	9.22	162	572383	39.049	nq	# 91
47) 2-Nitroaniline	9.32	65	220738	44.920	nq	97
48) Acenaphthylene	9.64	152	908620	39.473	nq	100
49) Dimethylphthalate	9.50	163	715916	45.020	nq	100
50) 2,6-Dinitrotoluene	9.56	165	144299	45.460	nq	# 56
51) Acenaphthene	9.81	154	540383	37.223	nq	100
52) 3-Nitroaniline	9.73	138	107187	26.173	nq	83
53) 2,4-Dinitrophenol	9.84	184	39219	32.823	nq	# 78
54) Dibenzofuran	9.98	168	800201	41.127	nq	99
55) 4-Nitrophenol	9.90	139	185033	56.638	nq	# 51
56) 2,4-Dinitrotoluene	9.97	165	172676	43.347	nq	# 54
57) Fluorene	10.32	166	575336	38.246	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	139324	40.467	nq	95
59) Diethylphthalate	10.20	149	715570	43.030	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	283126	40.513	nq	# 87
61) 4-Nitroaniline	10.35	138	139650	35.878	nq	75
62) Azobenzene	10.47	77	794487	40.220	nq	93
64) 4,6-Dinitro-2-methylphenol	10.37	198	29716	23.048	nq	# 80
65) n-Nitrosodiphenylamine	10.43	169	545684	45.272	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	167222	45.495	nq	94
67) Hexachlorobenzene	10.87	284	155129	41.407	nq	# 90
68) Atrazine	10.96	200	157051	49.131	nq	97
69) Pentachlorophenol	11.06	266	147914	67.714	nq	99
70) Phenanthrene	11.28	178	760843	40.338	nq	100
71) Anthracene	11.33	178	787384	41.158	nq	99
72) Carbazole	11.49	167	716913	39.480	nq	98
73) Di-n-butylphthalate	11.82	149	1039458	49.695	nq	100
74) Fluoranthene	12.47	202	749411	38.066	nq	98
76) Benzidine	12.59	184	274751m	29.668	nq	
77) Pyrene	12.69	202	775538	33.572	nq	98
79) Butylbenzylphthalate	13.32	149	389377	43.963	nq	# 71
80) Benzo(a)anthracene	13.88	228	632740	37.378	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	217248	38.032	nq	# 96
82) Chrysene	13.92	228	635791	37.756	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	544141	55.443	nq	# 100
84) Di-n-octyl phthalate	14.49	149	974420	57.061	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	446299	36.027	nq	95
87) Benzo(b)fluoranthene	14.91	252	608750	43.475	nq	96
88) Benzo(k)fluoranthene	14.93	252	545253	41.447	nq	# 95
89) Benzo(a)pyrene	15.25	252	529249	42.695	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	378539	37.510	nq	97
91) Benzo(g,h,i)perylene	17.10	276	356790	33.883	nq	93

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



#1

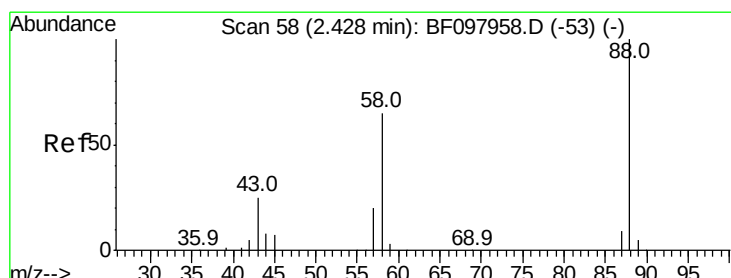
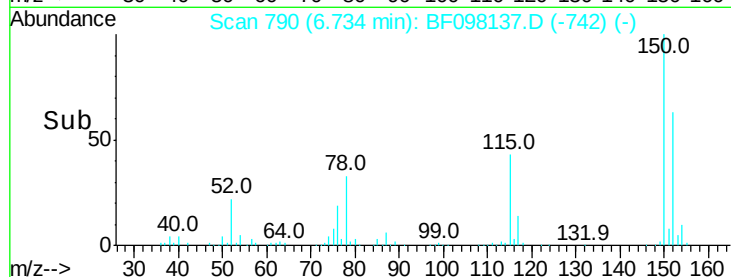
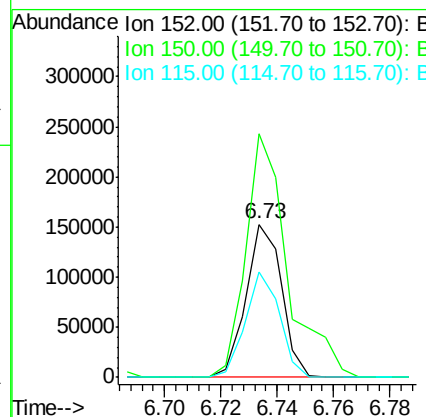
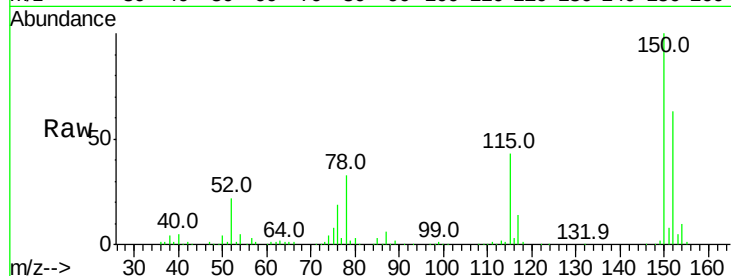
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	68.8	52.2	78.2

Manual Integrations
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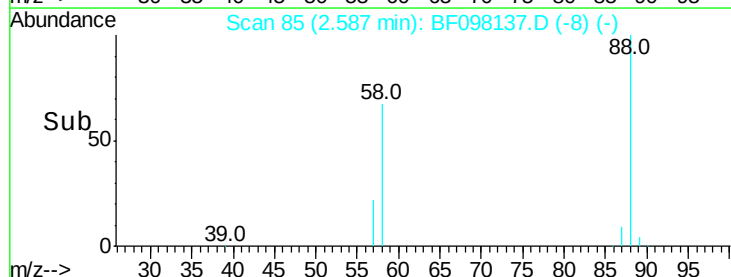
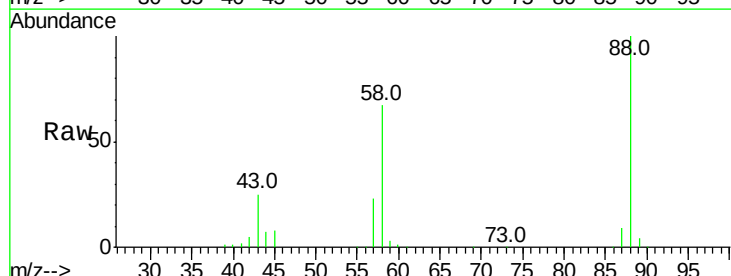
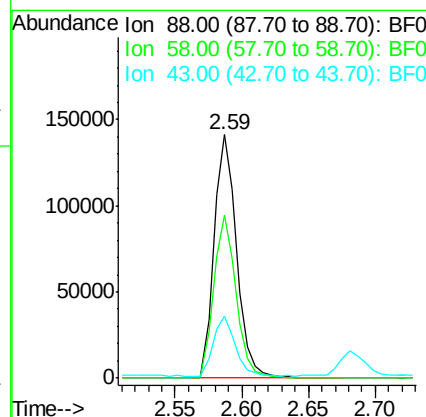
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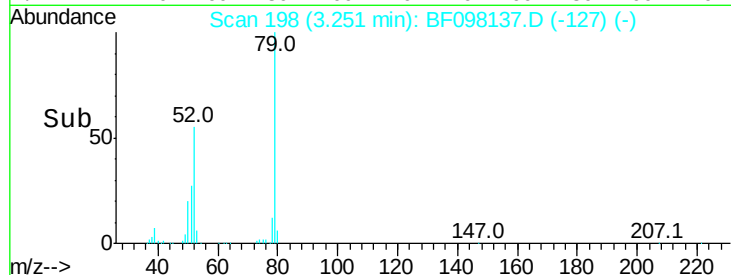
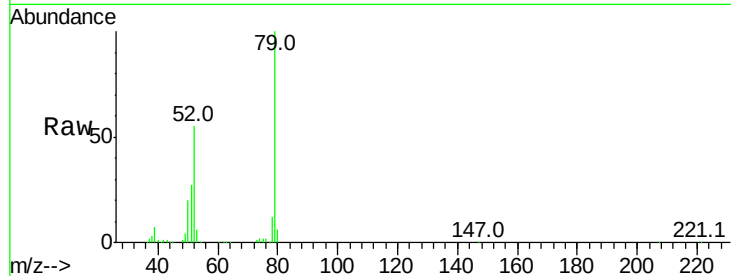
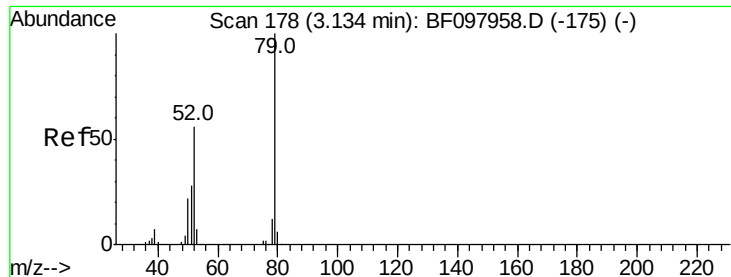


#2

1,4-Dioxane
Concen: 34.144 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.15 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	61.4	92.0
43	0.0	23.4	35.0





#3

Pvridine

Concen: 29.500 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.12 min

Lab File: BF098137.D

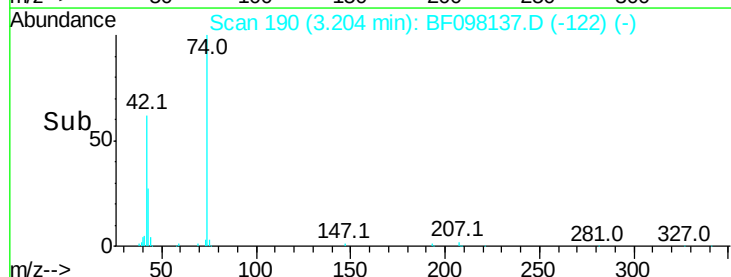
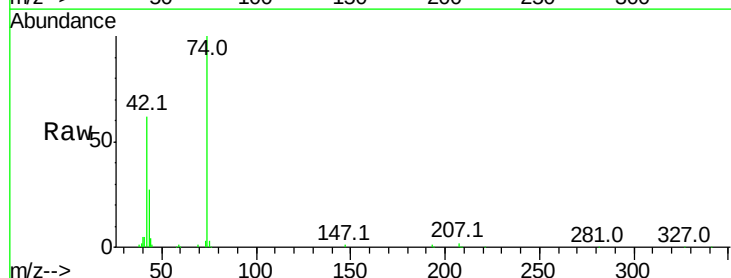
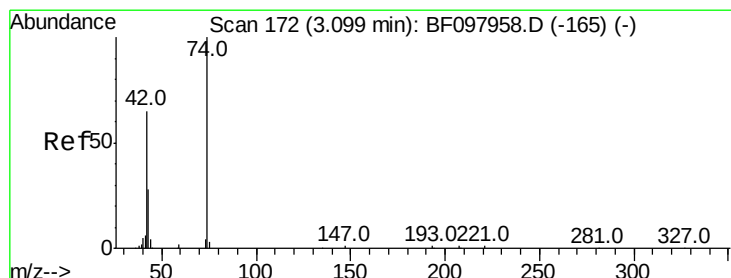
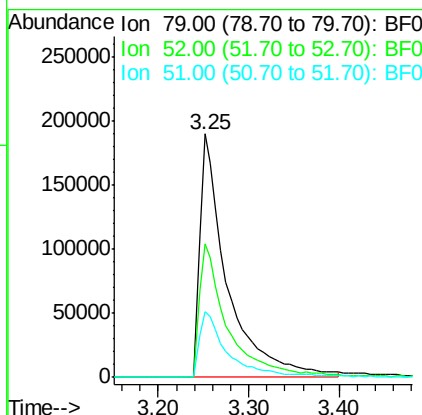
Acq: 30 Aug 2017 4:47

Tot Ion	Ratio	Resp	Lower	Upper
79	100	399587		
52	54.9		54.8	82.2
51	27.0		27.0	40.4

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.092 ng

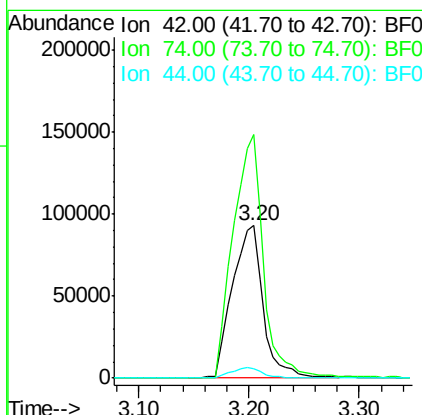
RT: 3.20 min Scan# 190

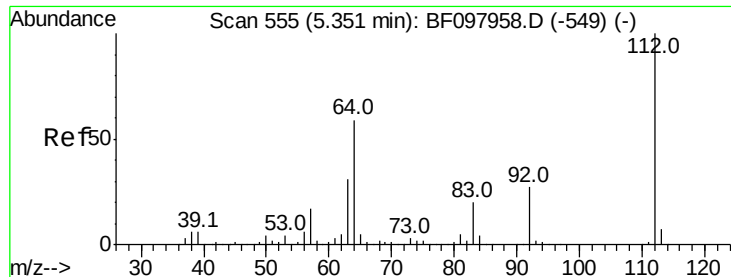
Delta R.T. 0.10 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	182896		
74	160.1		103.9	155.9#
44	6.1		5.7	8.5





#5

2-Fluorophenol

Concen: 113.902 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

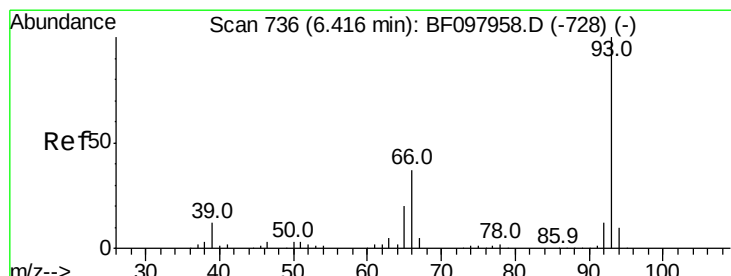
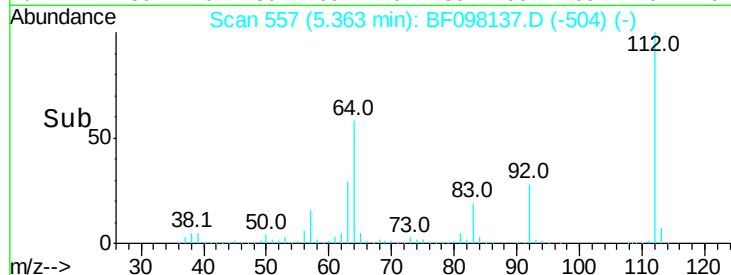
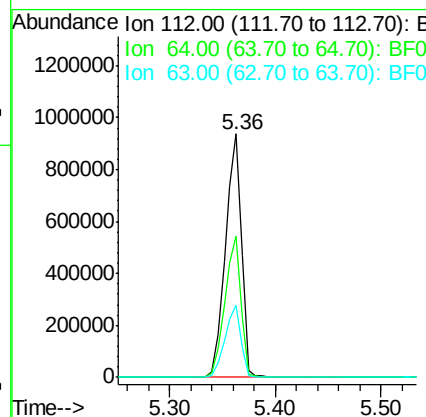
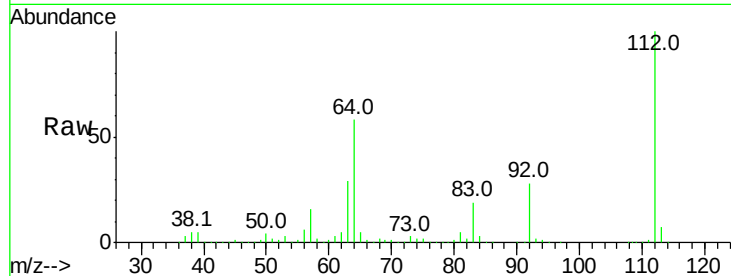
ClientSampleId :

SU-01-82517MS

Tot Ion:	112	Resp:	1000712
Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.0	69.0
63	29.4	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 19.964 ng

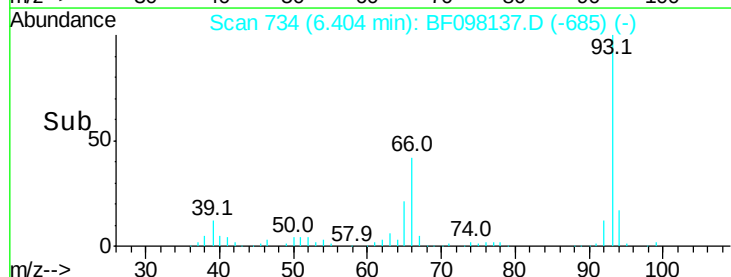
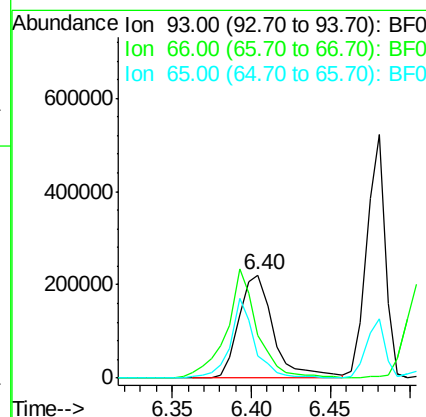
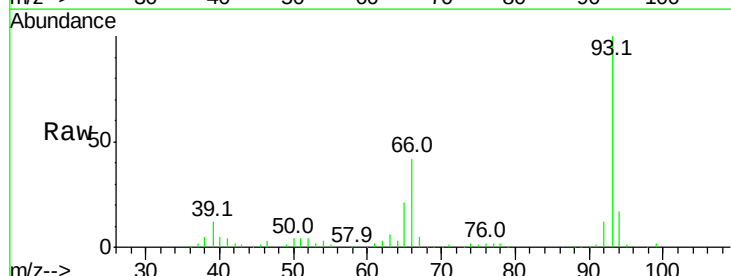
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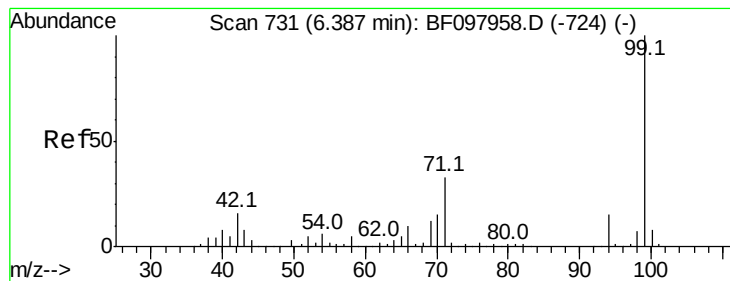
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	93	Resp:	334781
Ion	Ratio	Lower	Upper
93	100		
66	42.0	32.9	49.3
65	21.5	16.0	24.0





#7

Phenol-d6

Concen: 105.537 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

ClientSampleId :

SU-01-82517MS

Tot Ion: 99 Resp: 1259822

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

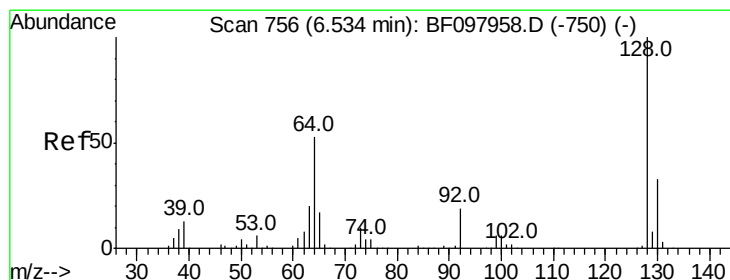
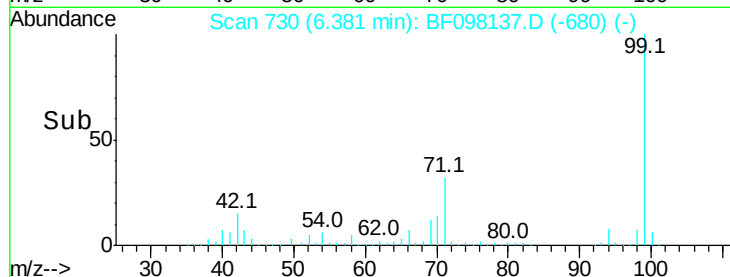
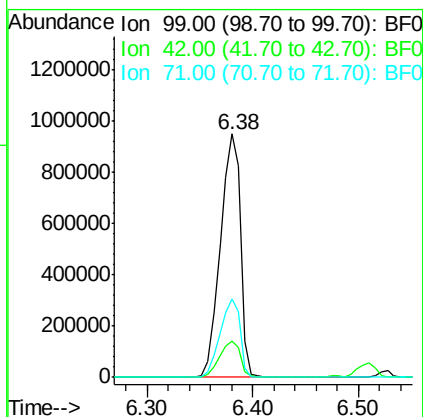
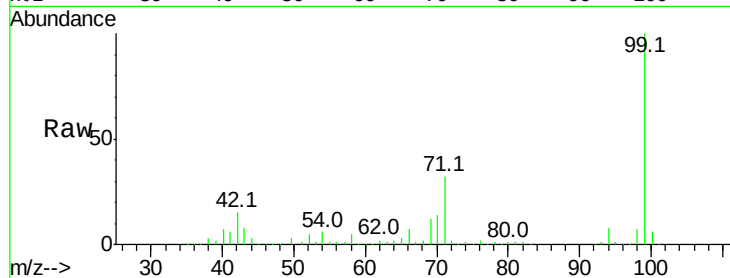
71 32.4 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.241 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

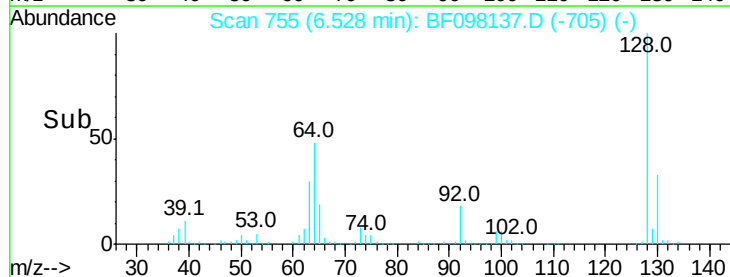
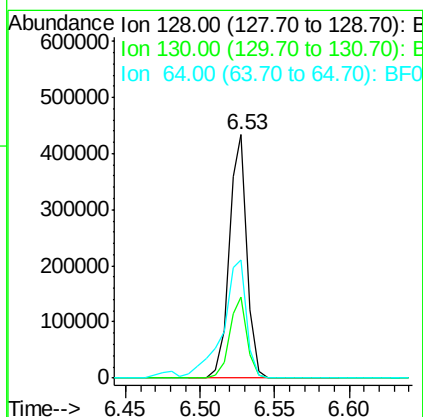
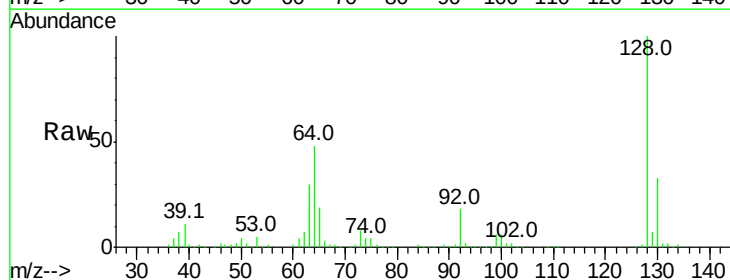
Tgt Ion: 128 Resp: 363586

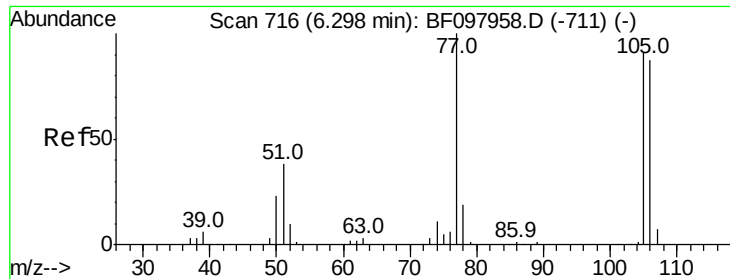
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 48.4 28.4 68.4





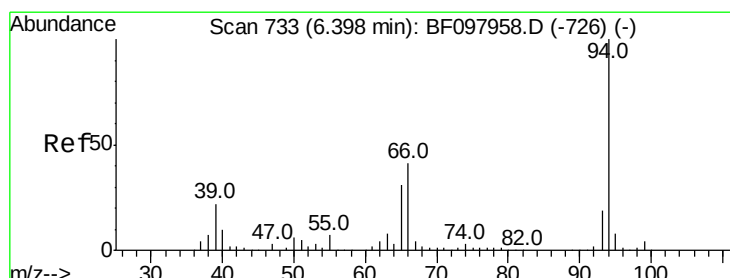
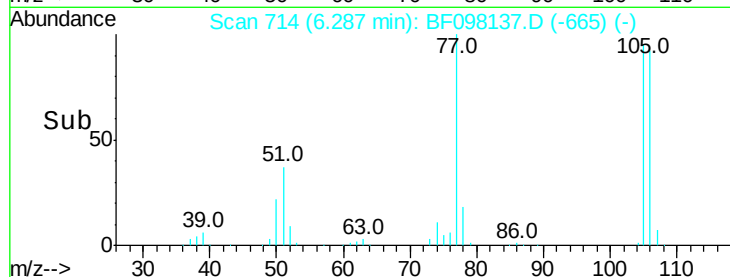
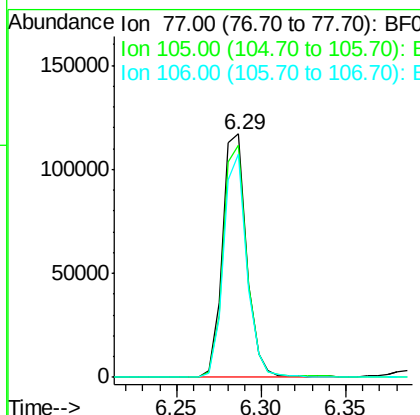
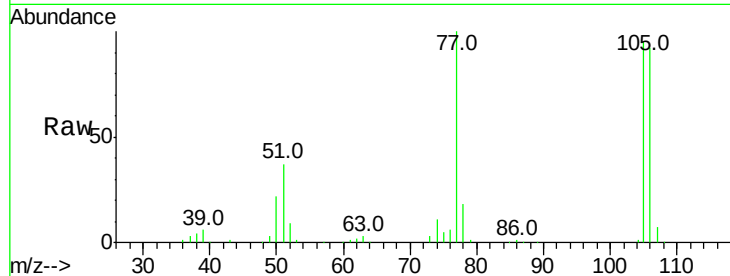
#9
Benzaldehyde
Concen: 15.498 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	83.8	123.8
106	91.6	79.1	119.1

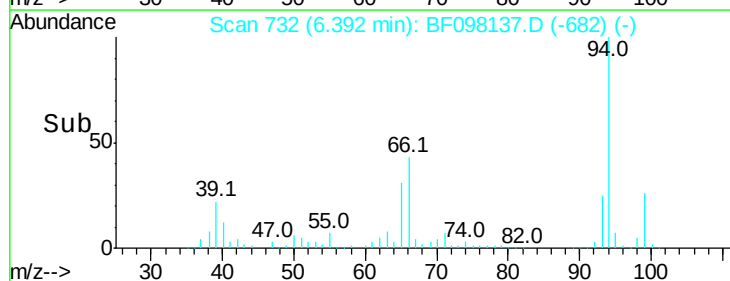
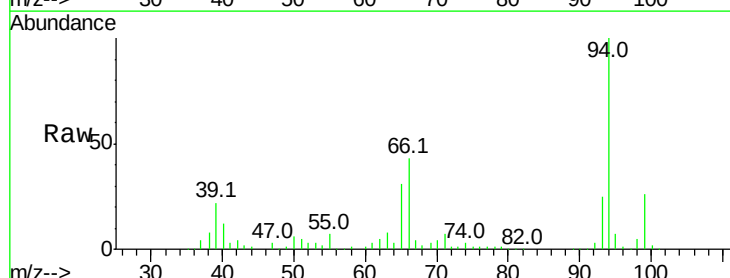
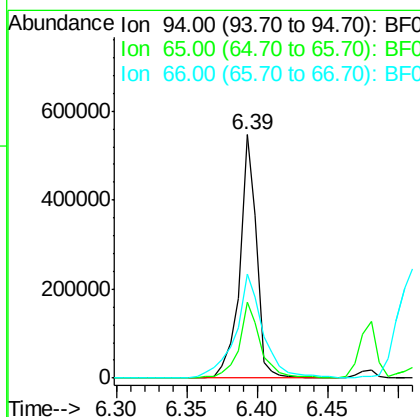
Manual Integrations
APPROVED

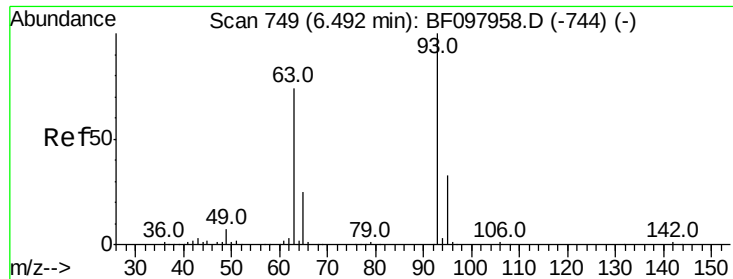
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#10
Phenol
Concen: 32.264 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	9.9	49.9
66	42.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.062 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

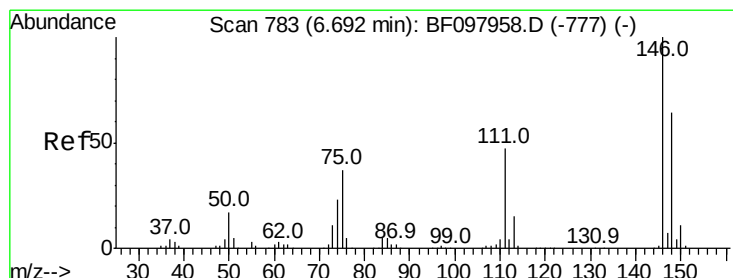
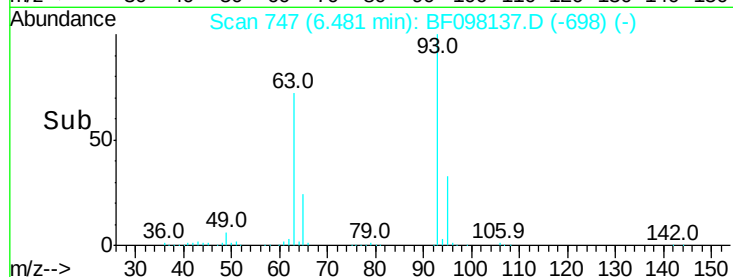
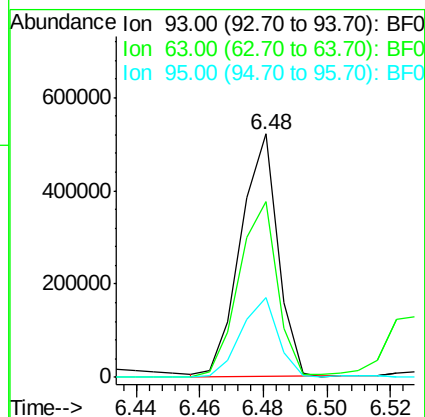
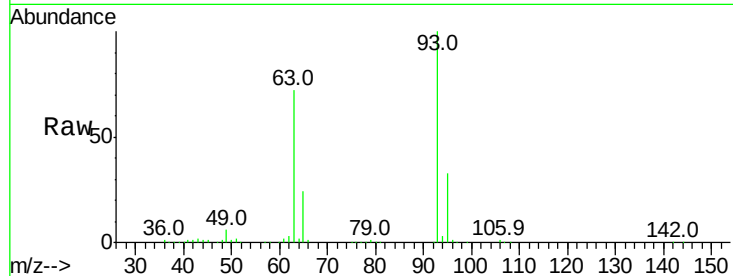
ClientSampleId :

SU-01-82517MS

Tot Ion:	93	Resp:	422146
Ion Ratio	Lower	Upper	
93	100		
63	72.1	59.2	99.2
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 35.539 ng m

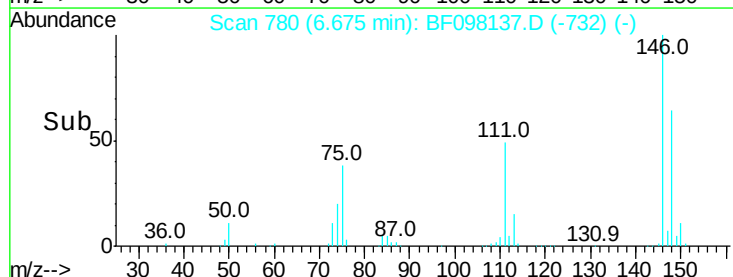
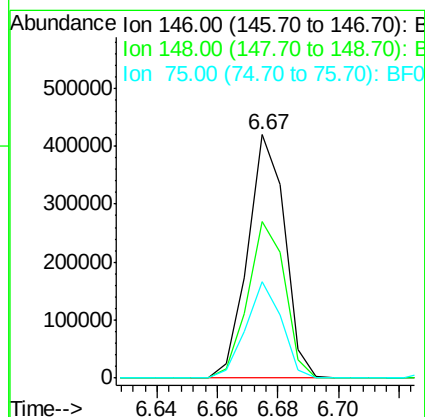
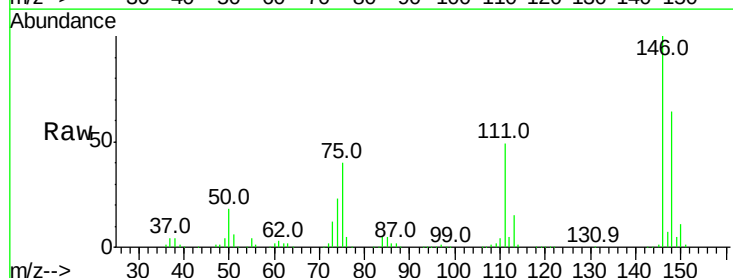
RT: 6.67 min Scan# 780

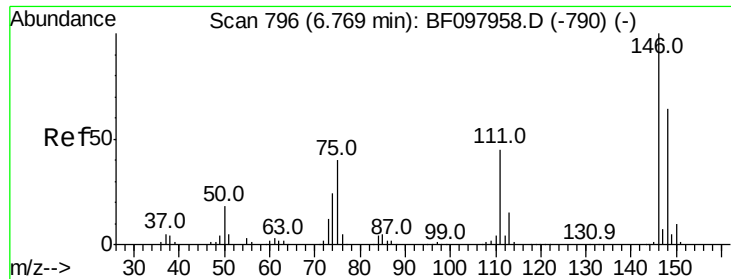
Delta R.T. -0.02 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	146	Resp:	354199
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
75	39.6	23.1	34.7#





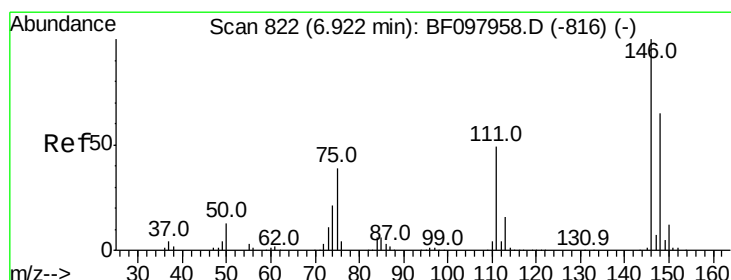
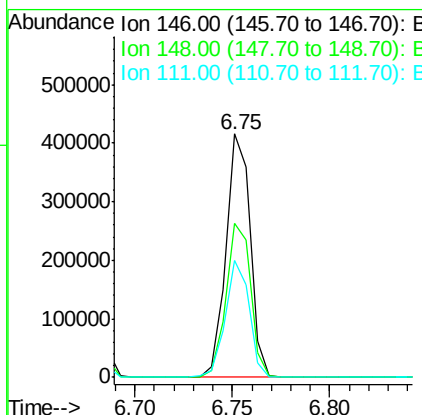
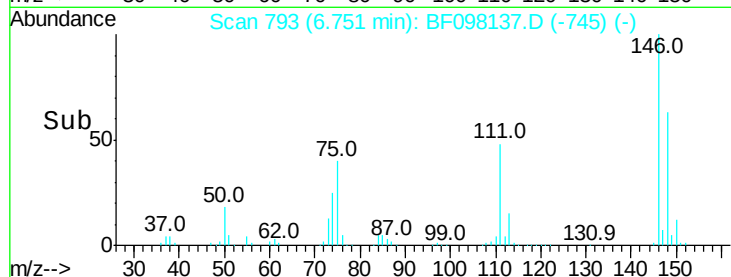
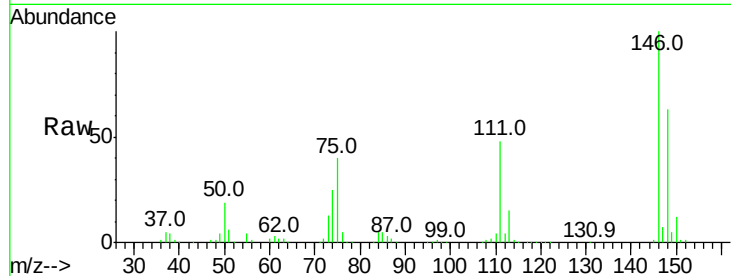
#13
 1,4-Dichlorobenzene
 Concen: 35.226 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	47.8	30.3	45.5#

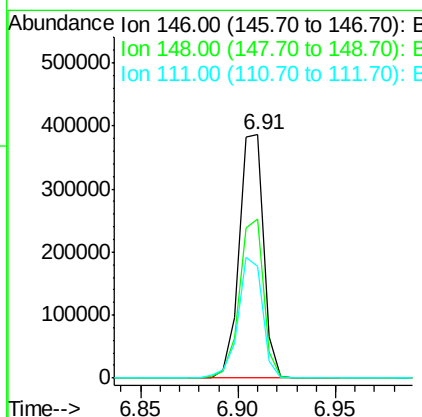
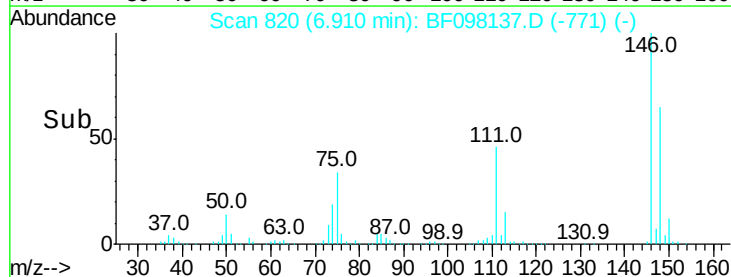
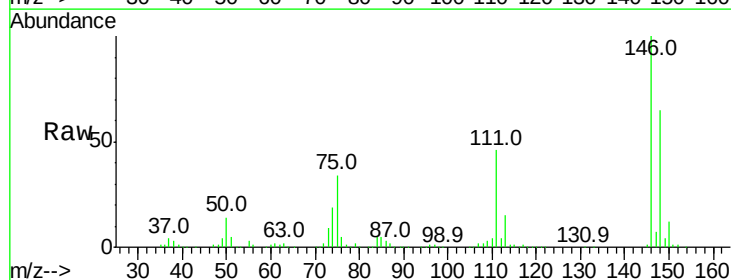
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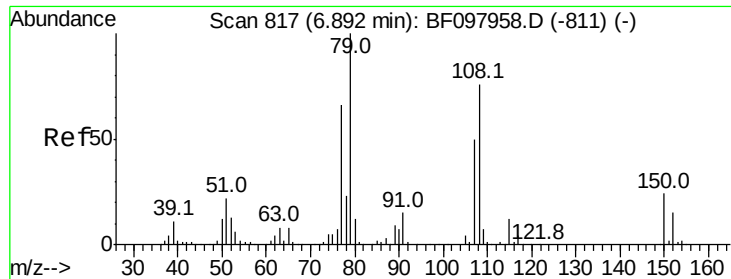
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#14
 1,2-Dichlorobenzene
 Concen: 35.923 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.4	75.6
111	45.8	38.2	57.4





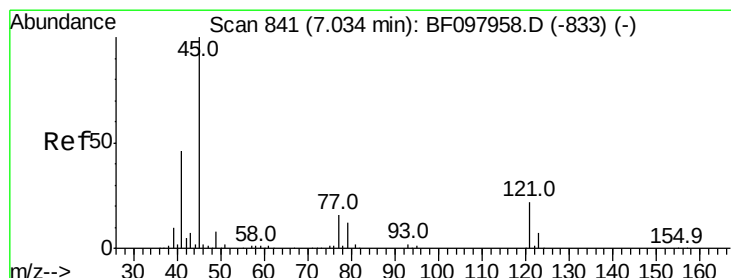
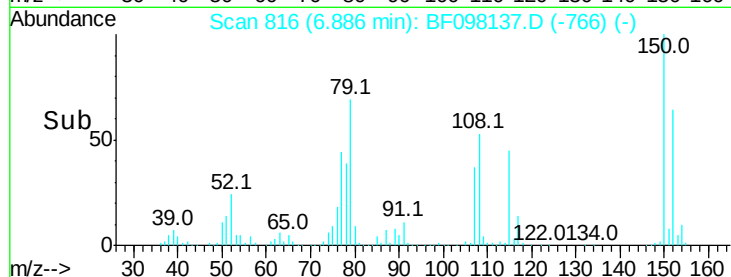
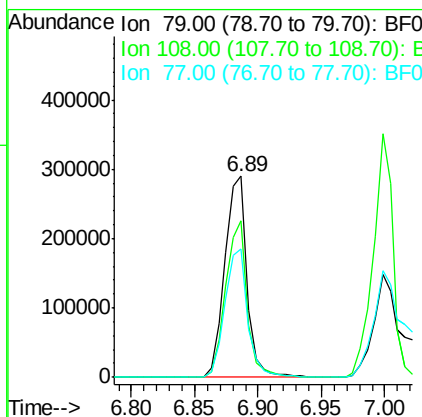
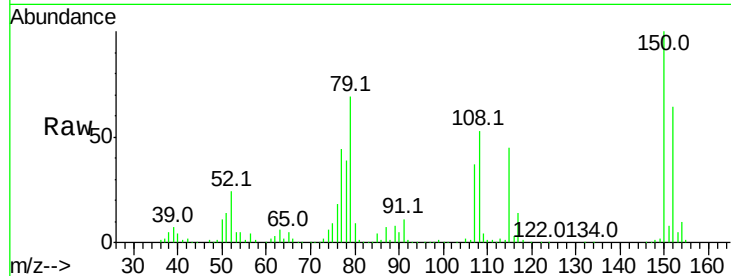
#15
Benzyl Alcohol
Concen: 39.353 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	63.4	95.0
77	63.6	49.2	73.8

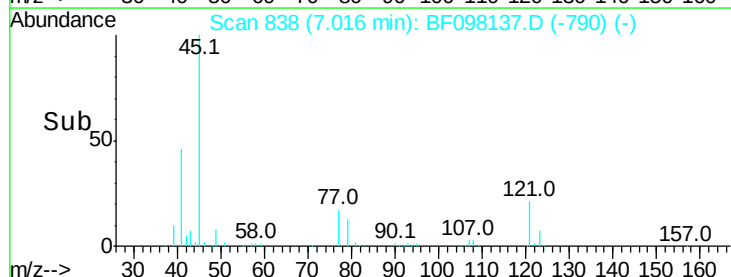
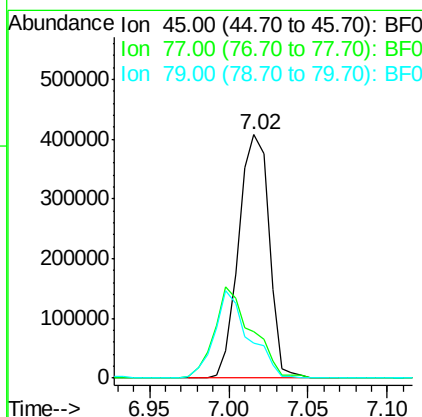
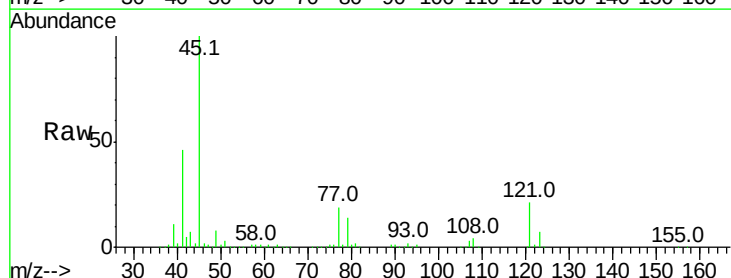
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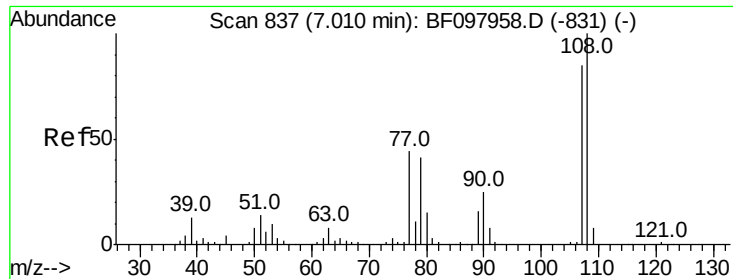
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.446 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	33.2
79	14.2	0.0	30.0





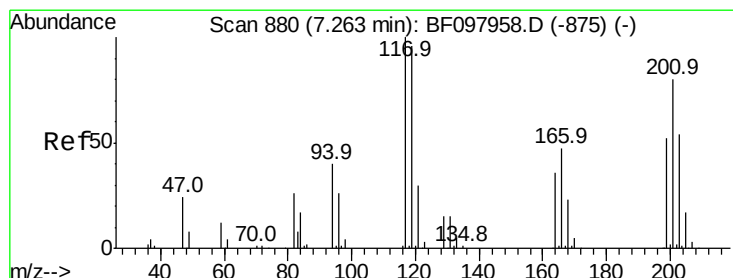
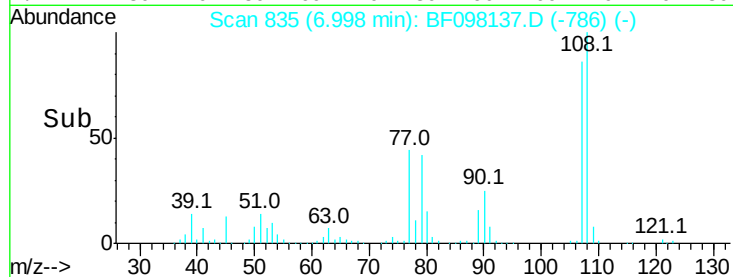
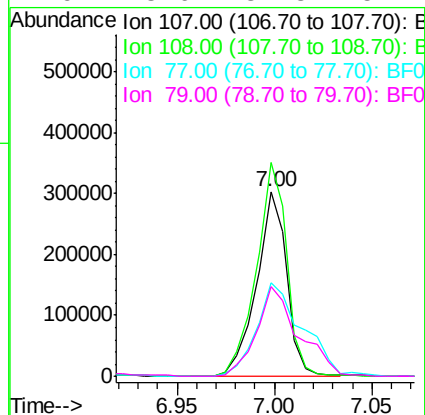
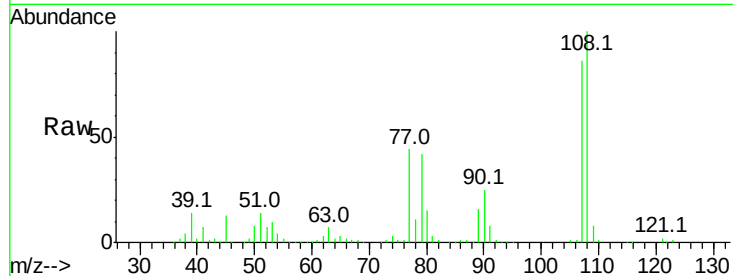
#17
2-Methylphenol
Concen: 39.500 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	93.4	140.0	
77	50.4	35.8	53.6	
79	48.6	34.8	52.2	

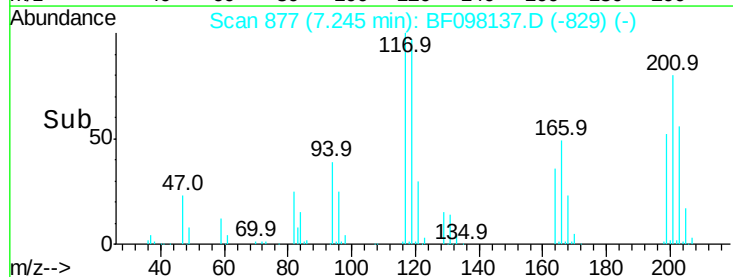
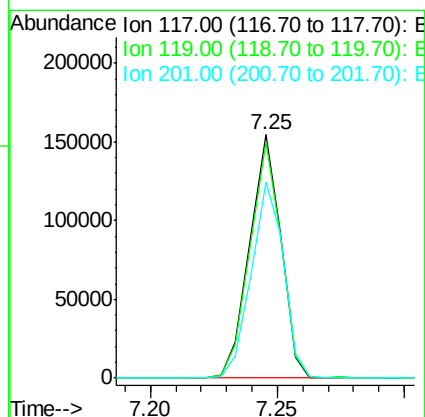
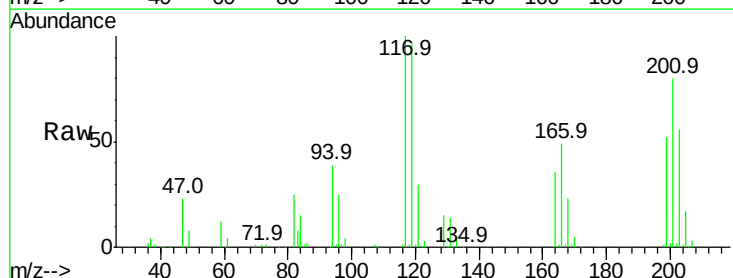
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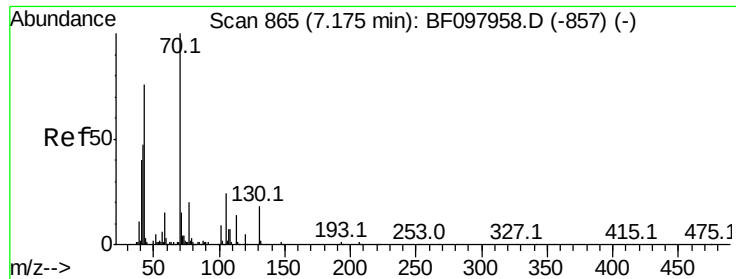
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#18
Hexachloroethane
Concen: 33.466 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.4	116.0	
201	80.4	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 37.877 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

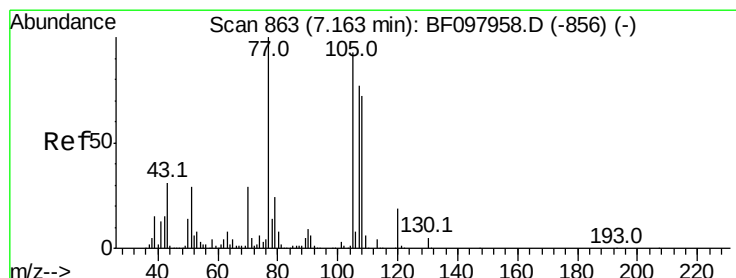
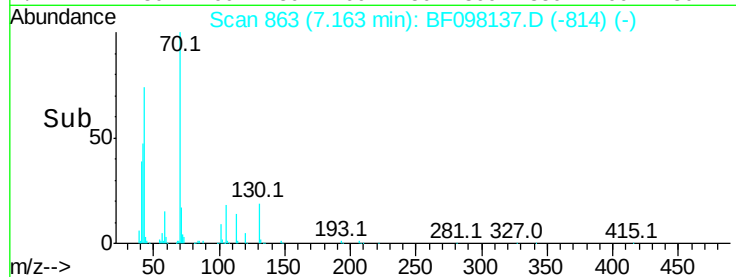
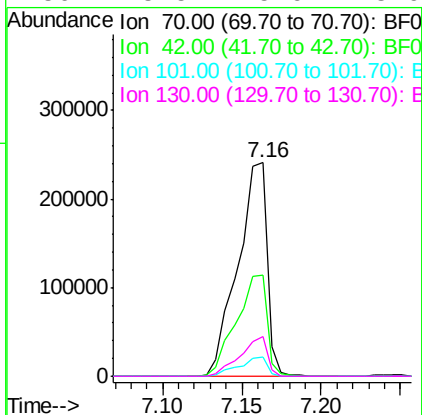
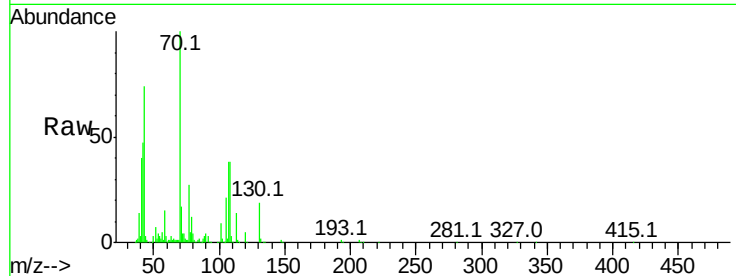
ClientSampleId :

SU-01-82517MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.4	47.2	70.8		
101	9.0	7.2	10.8		
130	18.5	15.9	23.9		

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#20

3+4-Methylphenols

Concen: 38.379 ng

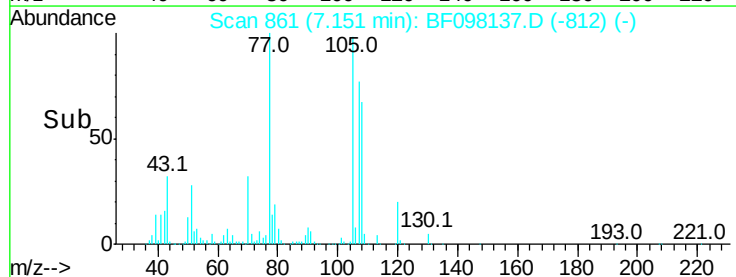
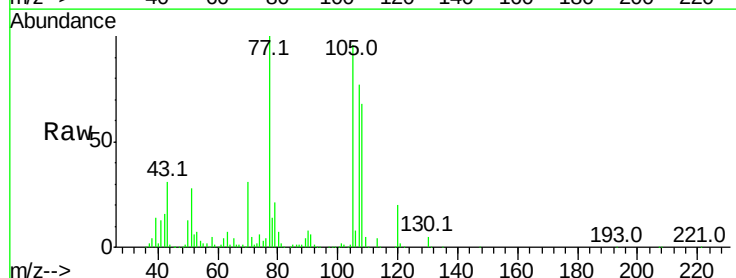
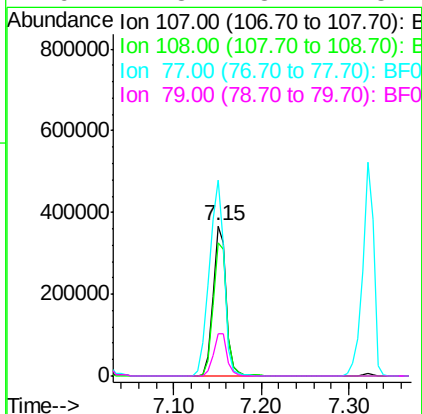
RT: 7.15 min Scan# 861

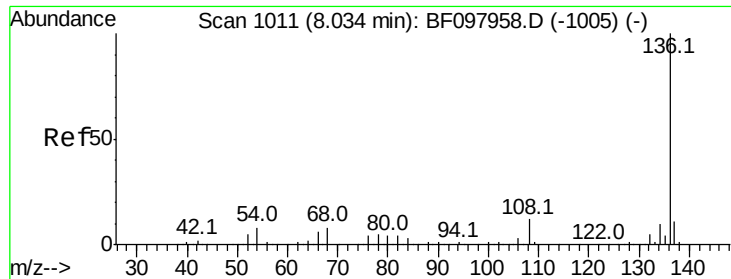
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.2	71.0	111.0		
77	130.7	90.5	130.5#		
79	27.8	8.4	48.4		





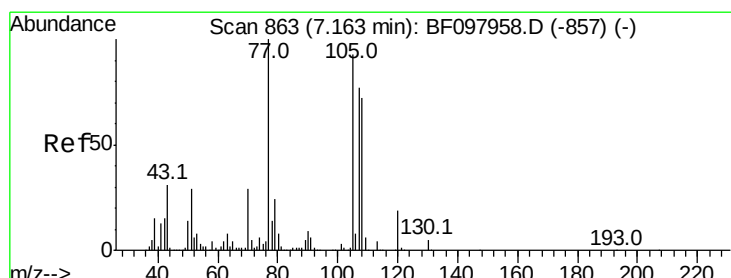
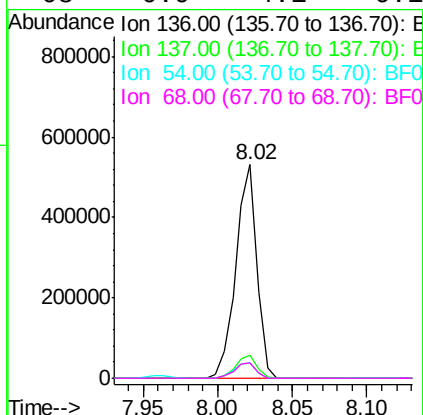
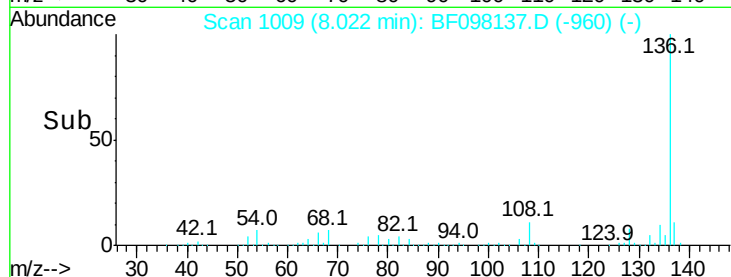
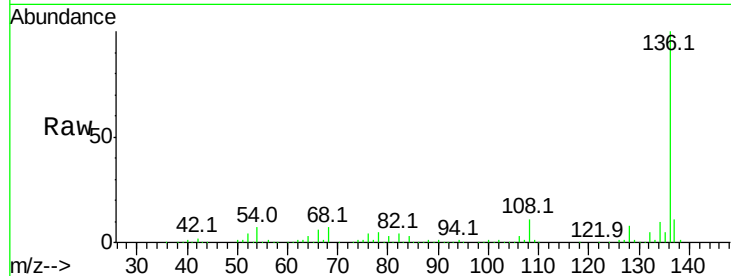
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	7.1	4.9	7.3	
68	6.9	4.1	6.1	

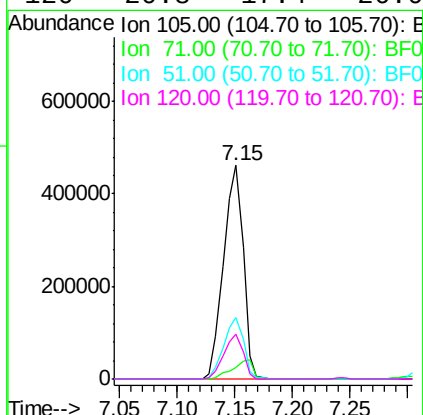
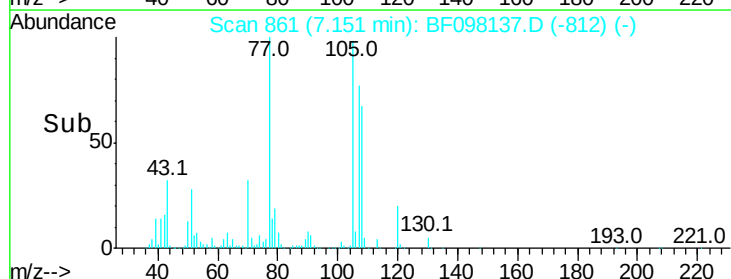
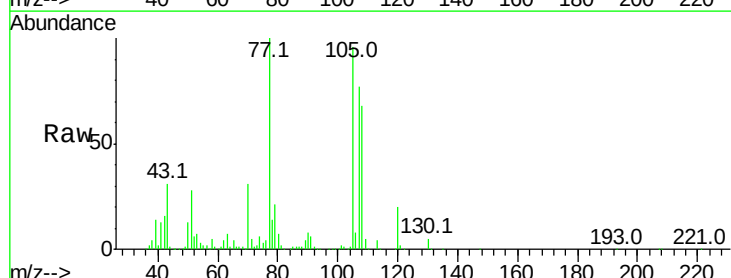
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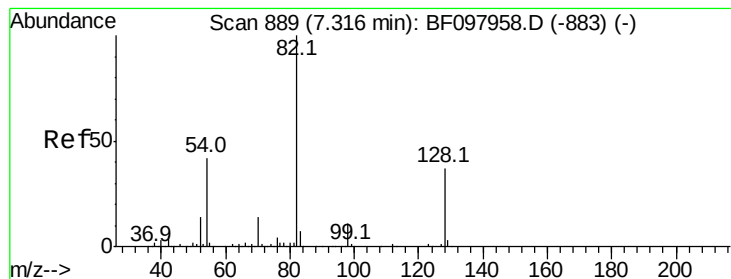
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#22
Acetophenone
Concen: 39.407 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	2.8	4.2	
51	29.0	30.7	46.1	
120	20.8	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 94.216 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

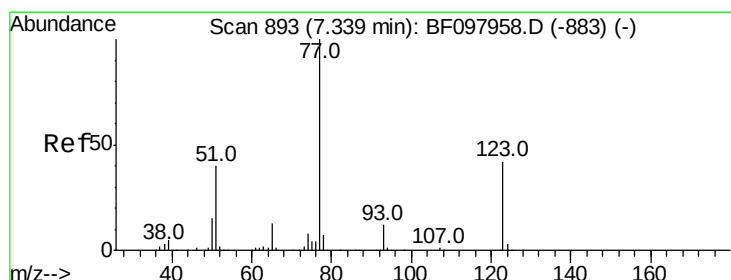
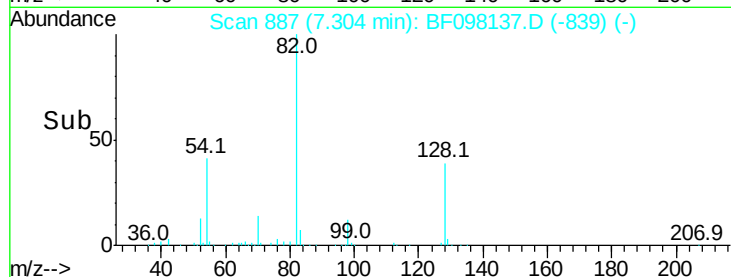
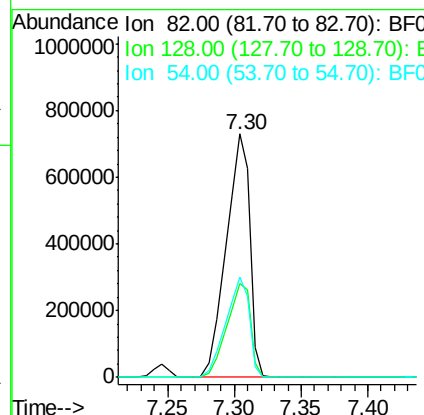
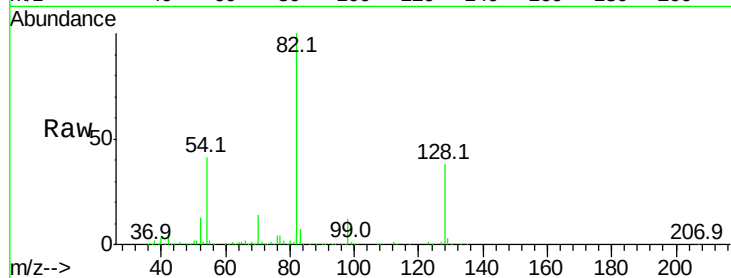
ClientSampleId :

SU-01-82517MS

Tot Ion:	82	Resp:	908160
Ion Ratio	Lower	Upper	
82	100		
128	38.5	34.0	51.0
54	41.3	42.2	63.2#

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#24

Nitrobenzene

Concen: 43.503 ng

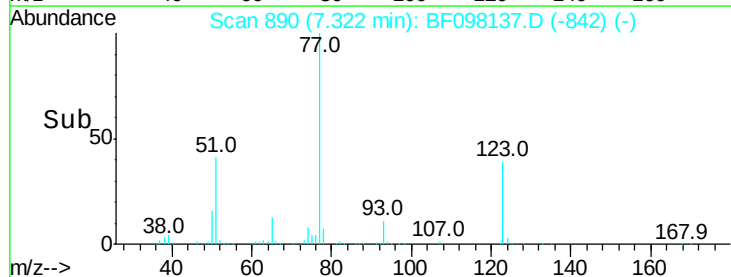
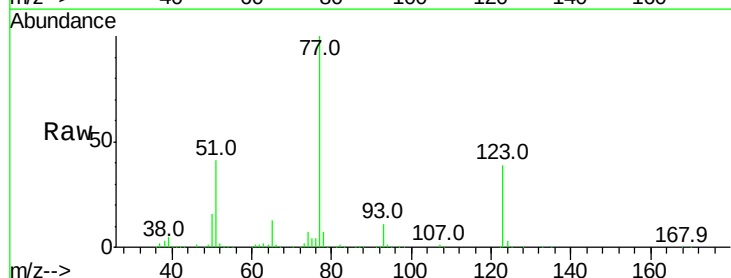
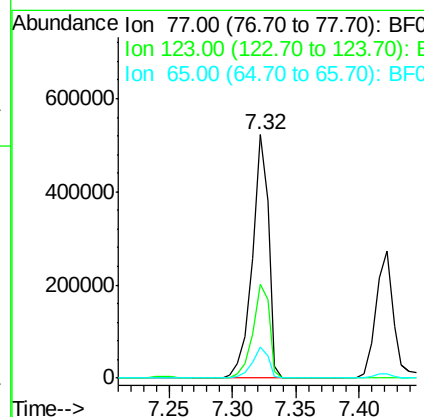
RT: 7.32 min Scan# 890

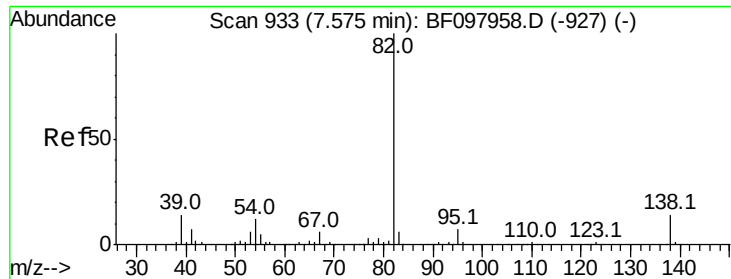
Delta R.T. -0.02 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	77	Resp:	466900
Ion Ratio	Lower	Upper	
77	100		
123	38.7	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 42.370 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

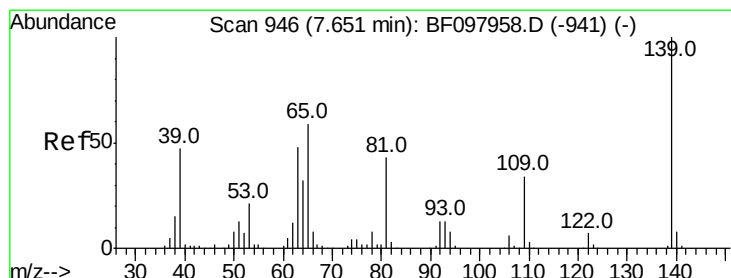
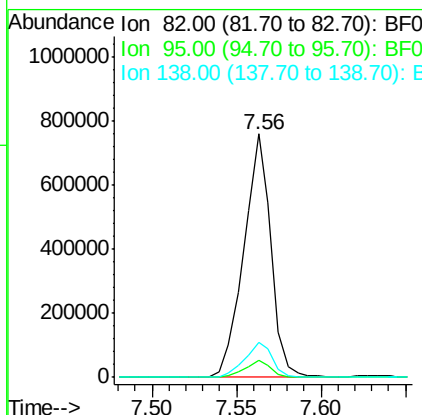
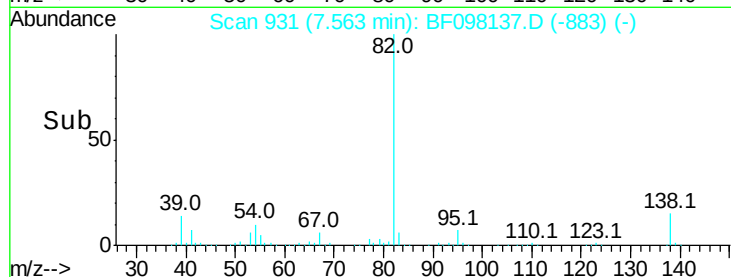
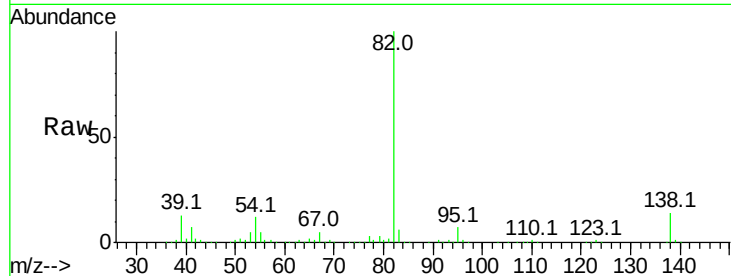
ClientSampleId :

SU-01-82517MS

Tot Ion:	82	Resp:	849232
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	14.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 46.364 ng

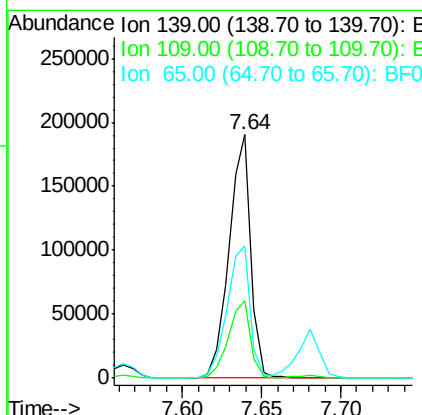
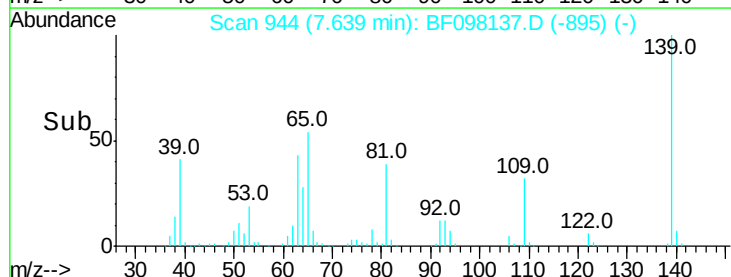
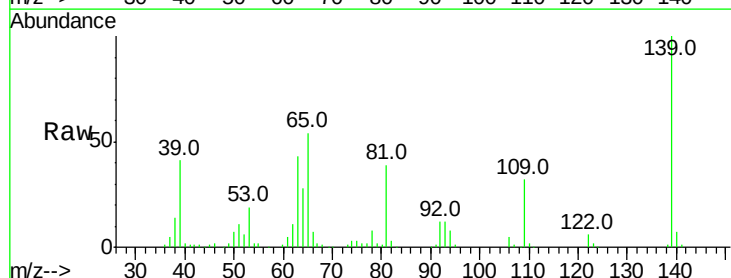
RT: 7.64 min Scan# 944

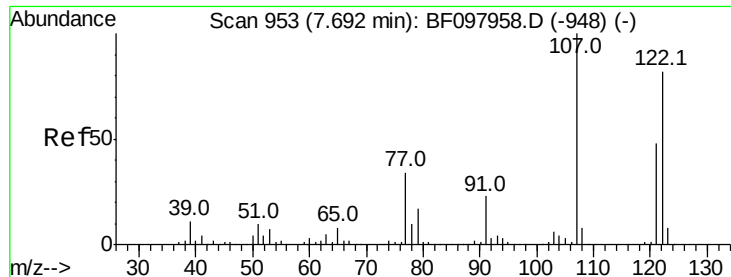
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	139	Resp:	179496
Ion Ratio	Lower	Upper	
139	100		
109	31.8	21.0	31.6#
65	54.4	33.0	49.6#





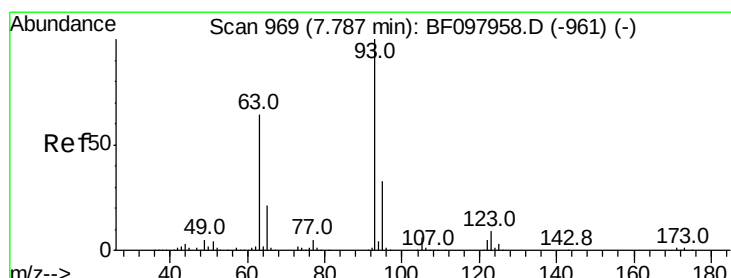
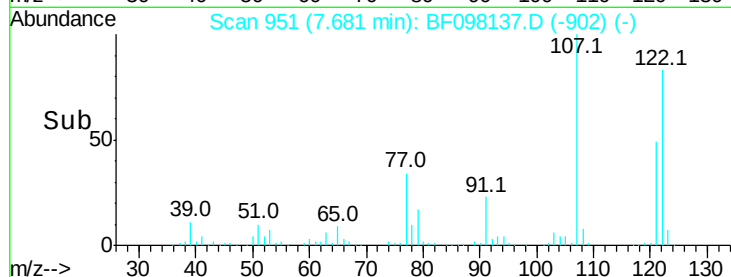
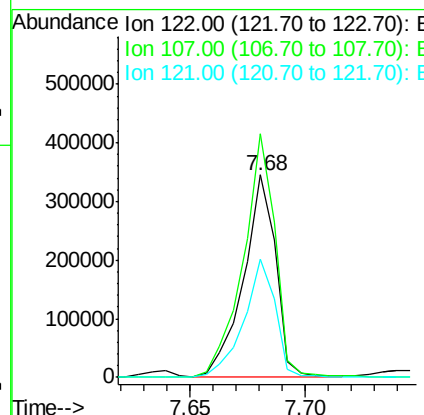
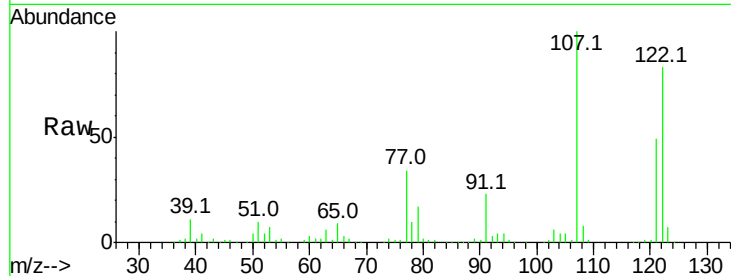
#27
 2,4-Dimethylphenol
 Concen: 40.330 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	337124		
107	120.2	89.2	133.8	
121	58.5	45.2	67.8	

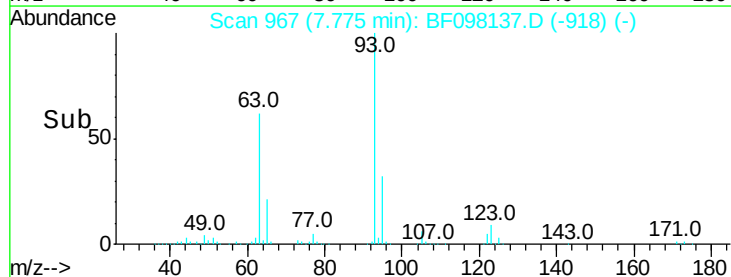
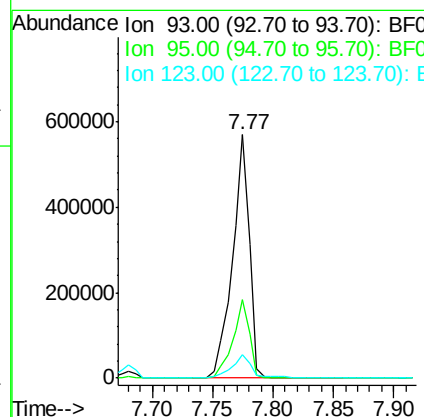
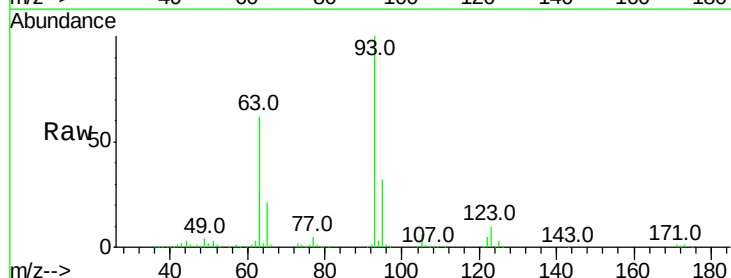
Manual Integrations
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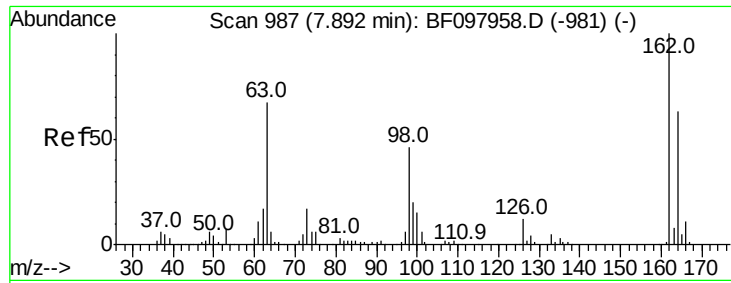
Sohil
 8/30/2017 6:45:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.638 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	548671		
95	32.3	26.5	39.7	
123	9.6	9.0	13.4	





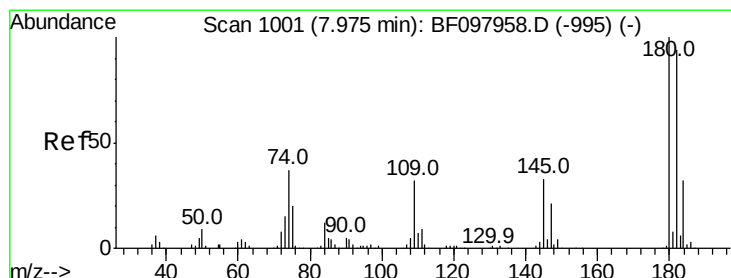
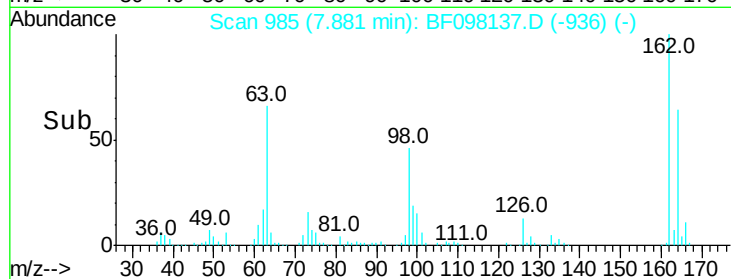
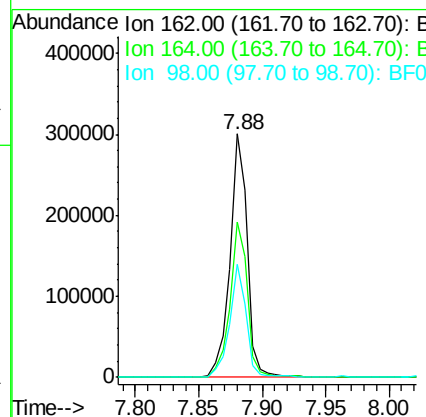
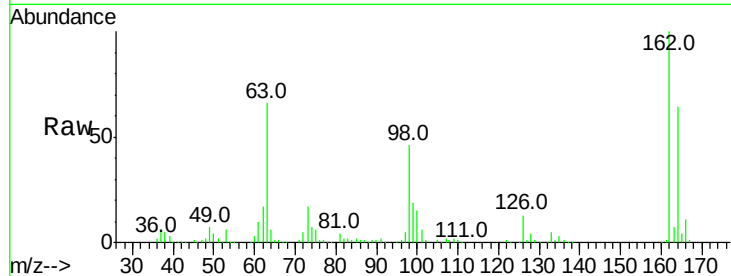
#29
 2,4-Dichlorophenol
 Concen: 40.961 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	44.6	84.6
98	46.3	14.8	54.8

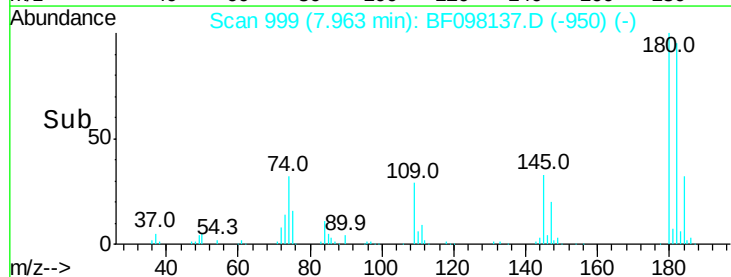
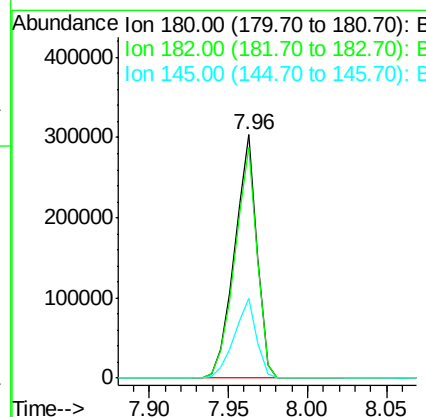
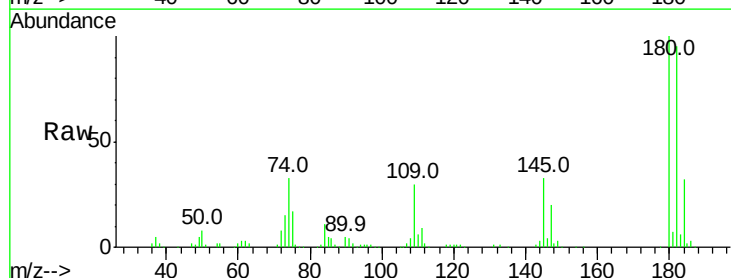
Manual Integrations
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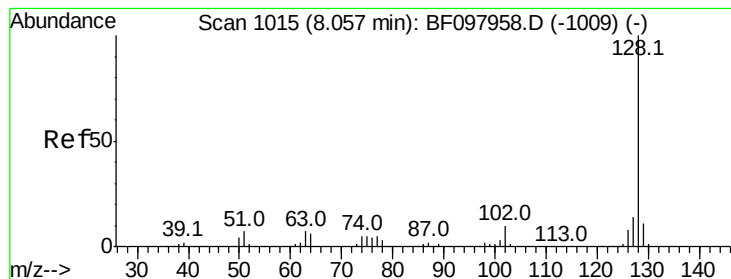
Sohil
 8/30/2017 6:45:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.388 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	75.8	113.6
145	32.6	25.3	37.9





#31

Naphthalene

Concen: 38.854 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

ClientSampleId :

SU-01-82517MS

Tot Ion:128 Resp: 1056241

Ion Ratio Lower Upper

128 100

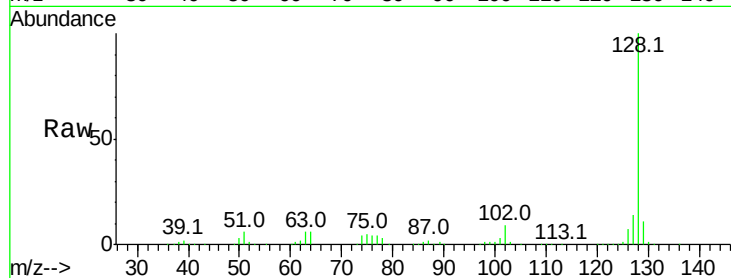
129 10.7 9.0 13.6

127 13.6 10.8 16.2

Manual Integrations
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Sohil

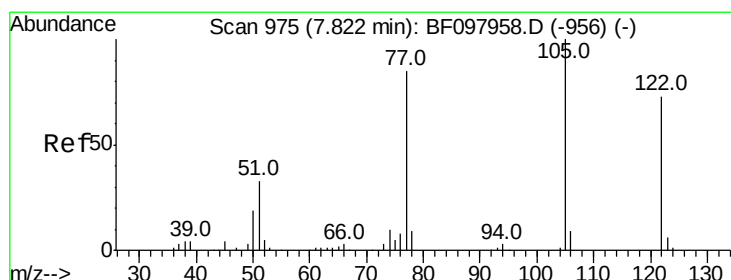
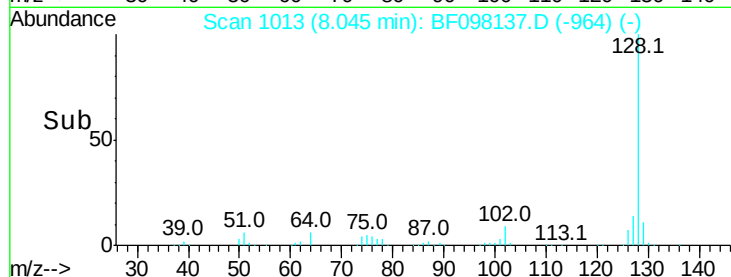
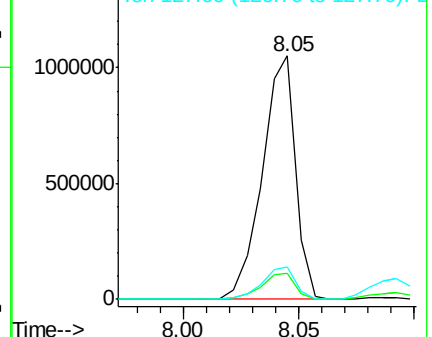
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.025 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

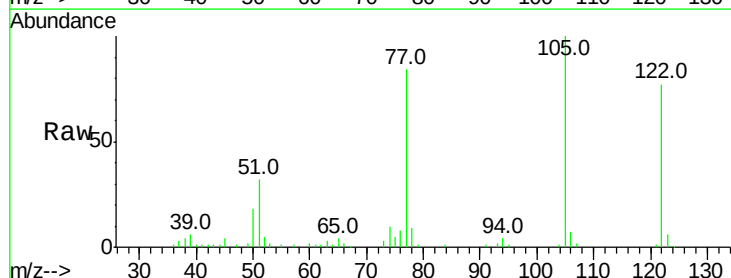
Tgt Ion:122 Resp: 151955

Ion Ratio Lower Upper

122 100

105 129.6 103.3 143.3

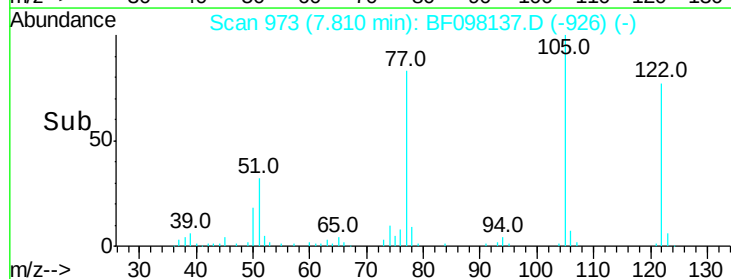
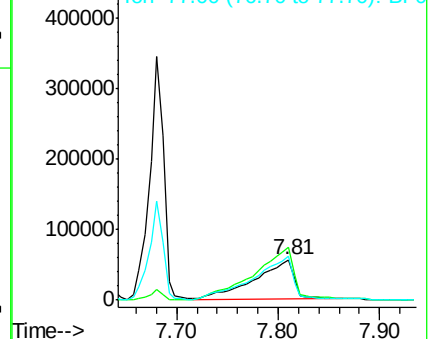
77 108.3 73.7 113.7

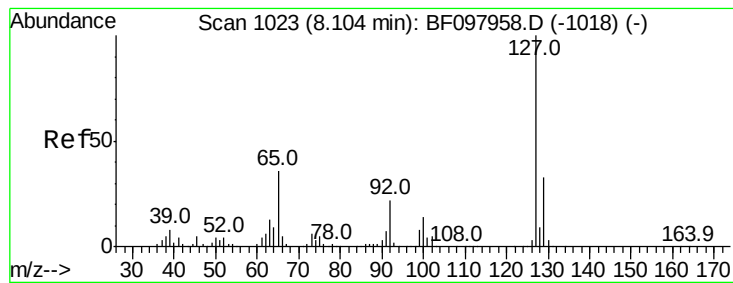


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





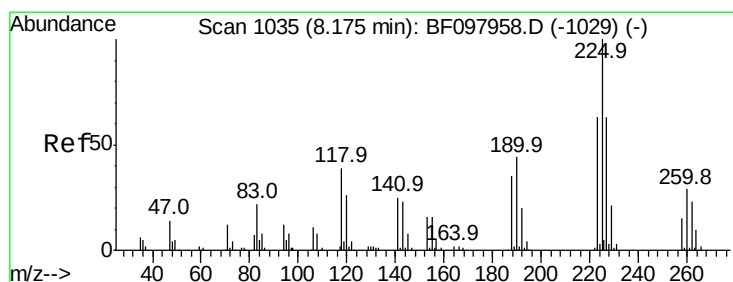
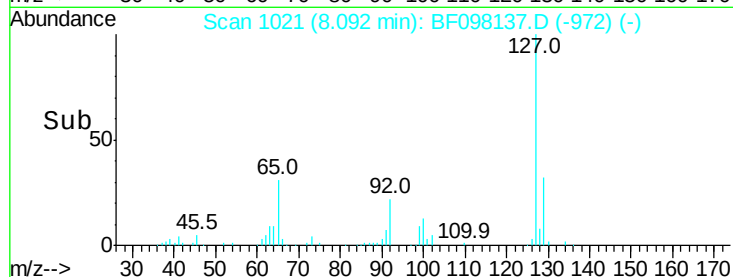
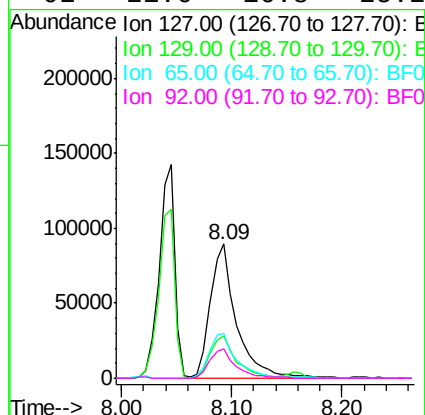
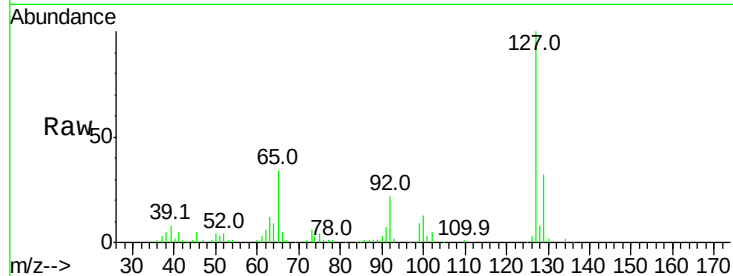
#33
4-Chloroaniline
Concen: 12.433 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	142544		
129	31.9	26.2	39.2	
65	33.6	27.8	41.8	
92	21.6	16.8	25.2	

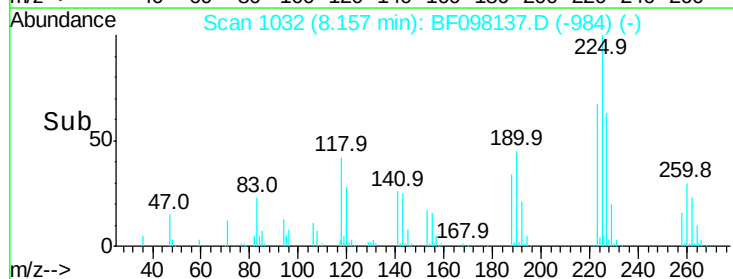
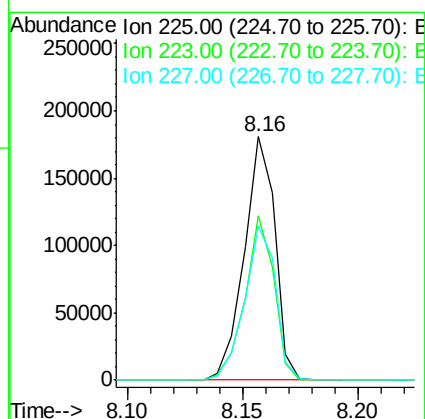
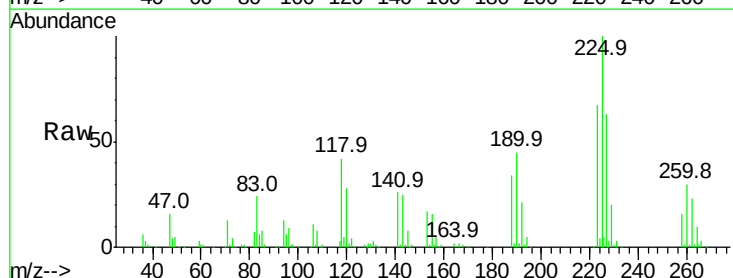
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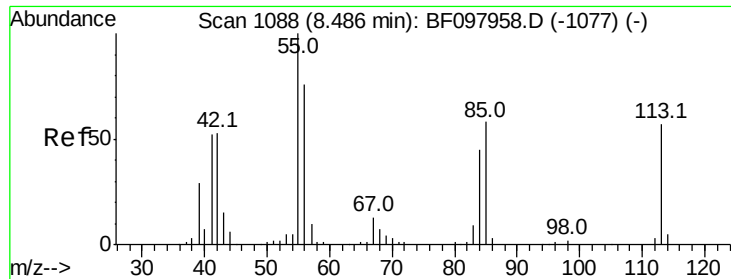
Sohil
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#34
Hexachlorobutadiene
Concen: 37.603 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	168881		
223	67.5	48.8	73.2	
227	63.4	51.1	76.7	





#35

Caprolactam

Concen: 37.969 ng/mL

RT: 8.47 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

ClientSampleId :

SU-01-82517MS

Tot Ion:113 Resp: 89566

Ion Ratio Lower Upper

113 100

55 155.3 150.2 190.2

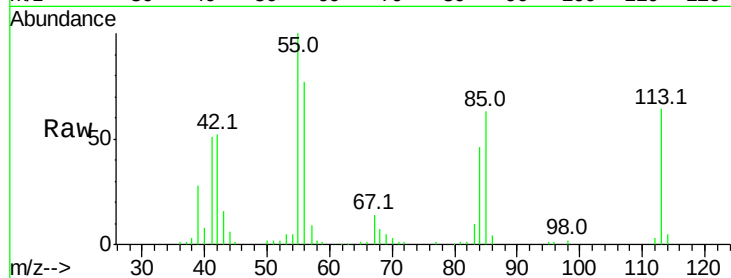
56 118.9 107.8 147.8

Manual Integrations

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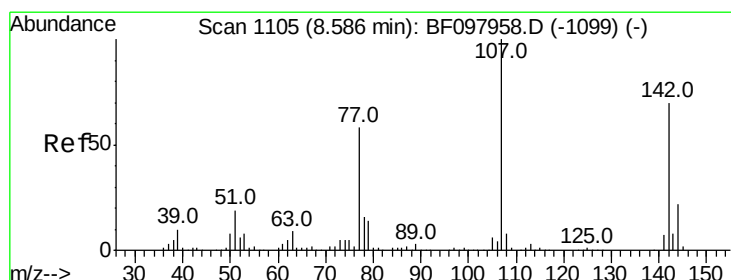
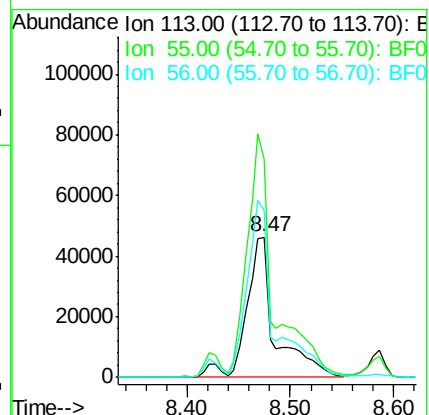
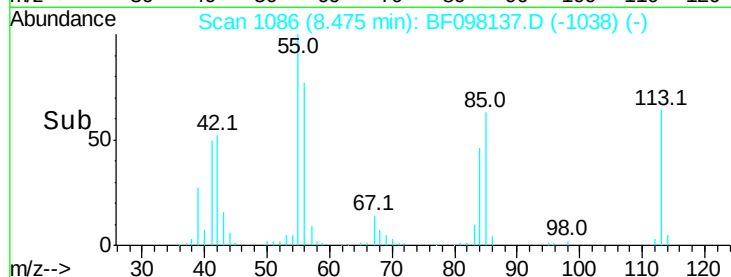
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.807 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

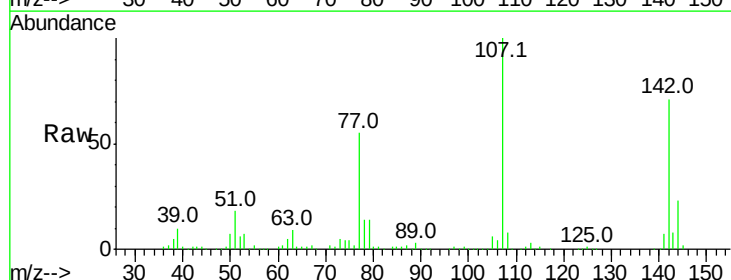
Tgt Ion:107 Resp: 337057

Ion Ratio Lower Upper

107 100

144 22.8 24.2 36.4#

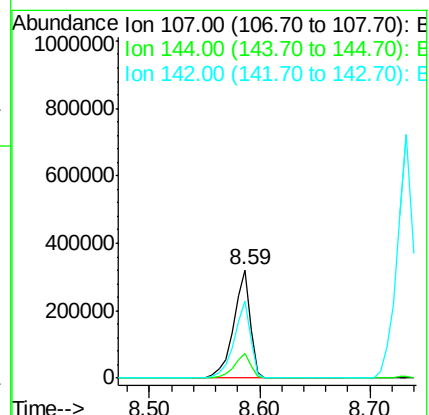
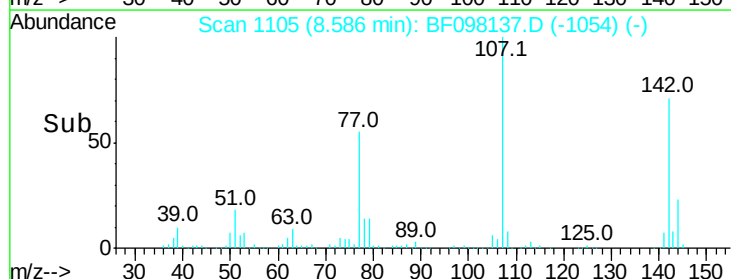
142 70.9 73.4 110.0#

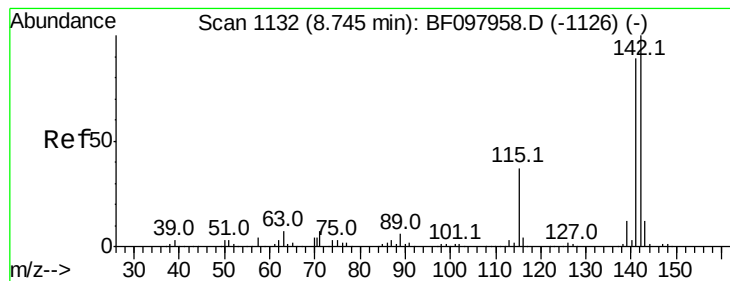


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





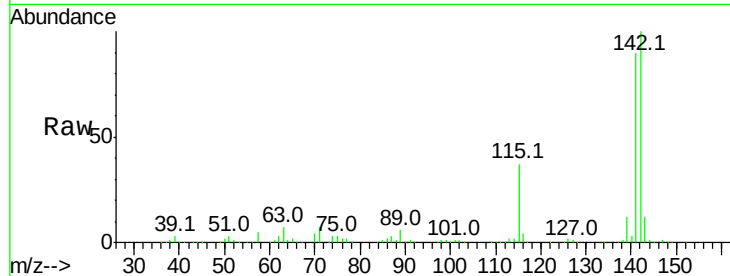
#37
2-Methylnaphthalene
Concen: 41.135 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

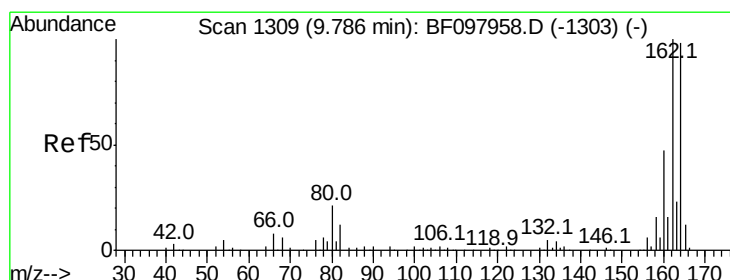
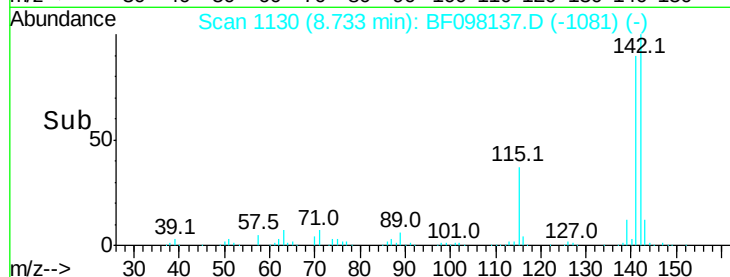
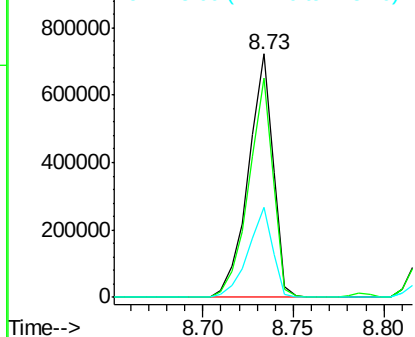
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	36.8	27.1	40.7

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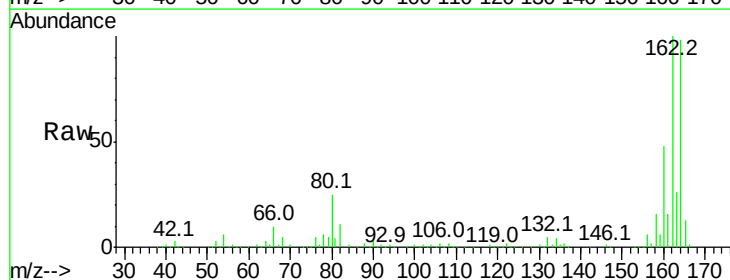


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

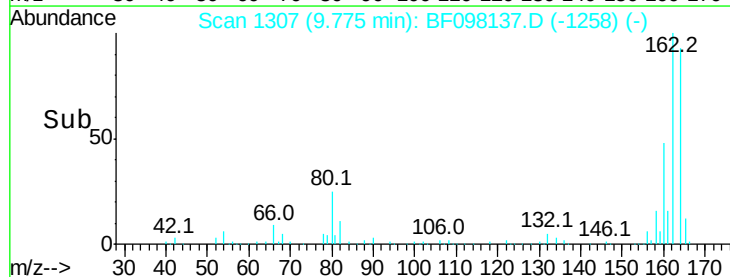
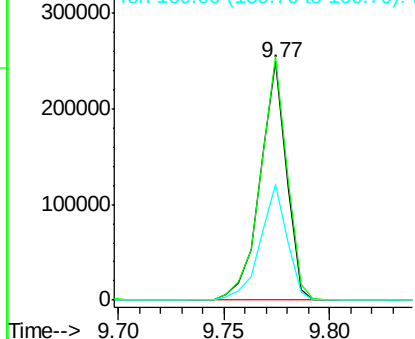


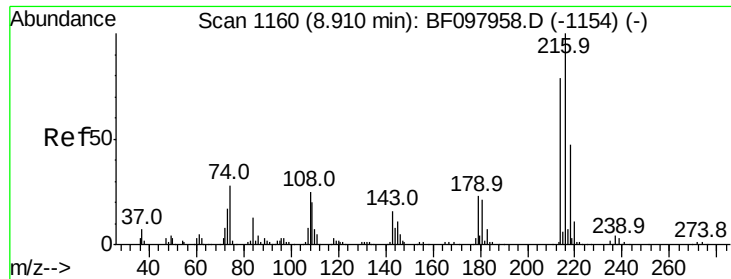
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	48.5	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





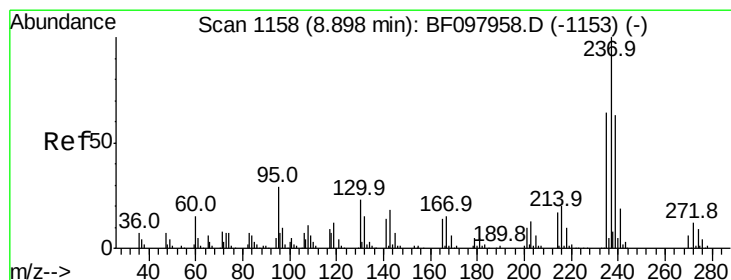
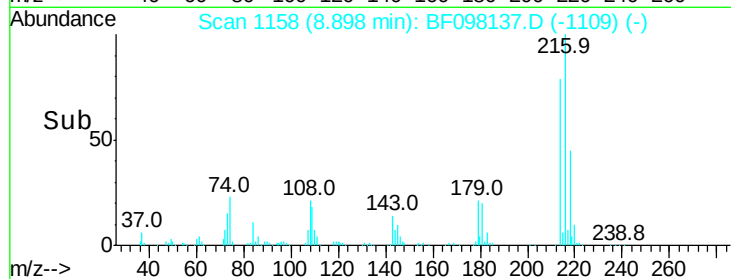
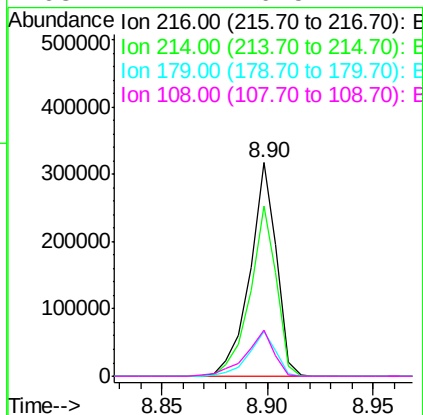
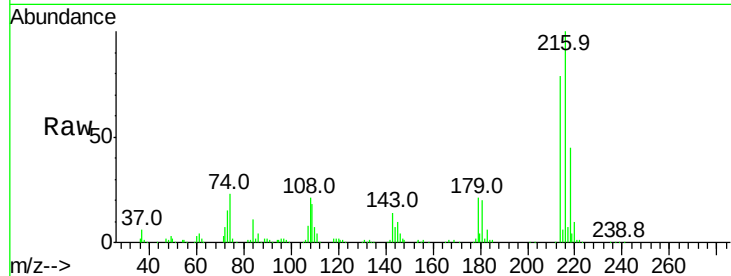
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.500 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.3	17.9	26.9
108	22.7	16.5	24.7

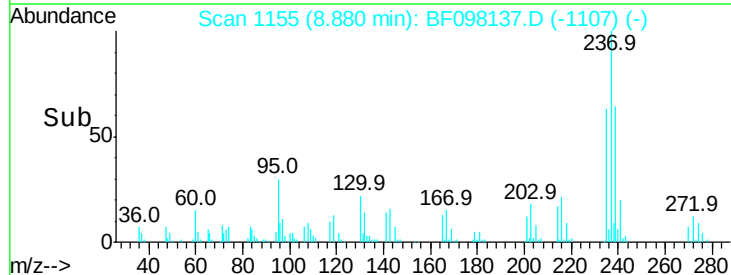
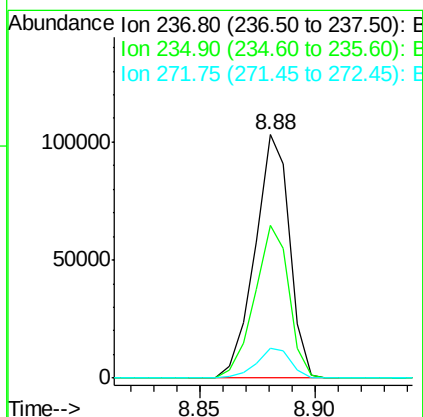
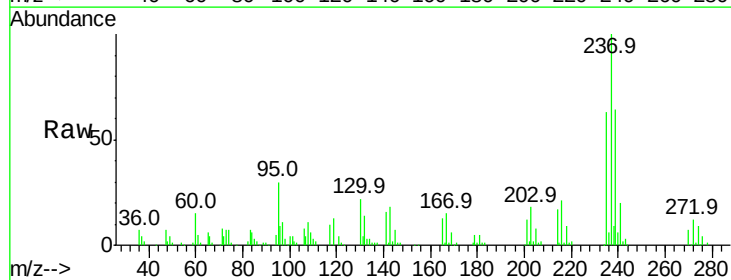
Manual Integrations
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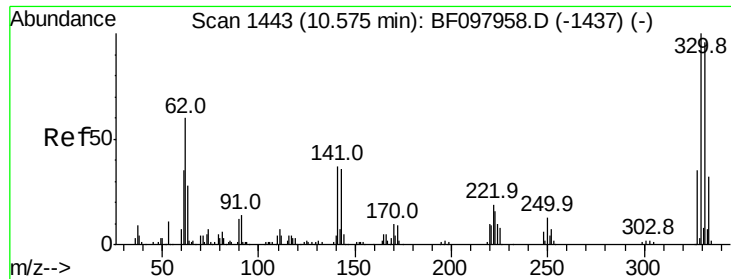
Sohil
 8/30/2017 6:45:15 PM



#40
 Hexachlorocyclopentadiene
 Concen: 33.543 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.6	82.6
272	12.5	0.0	31.9





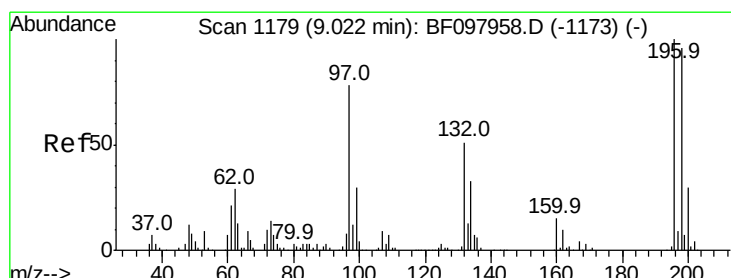
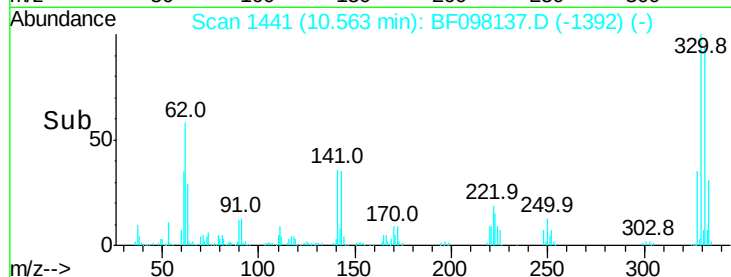
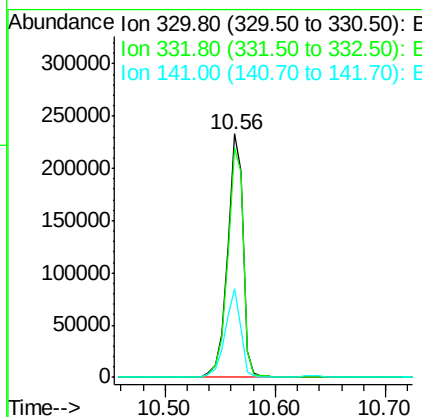
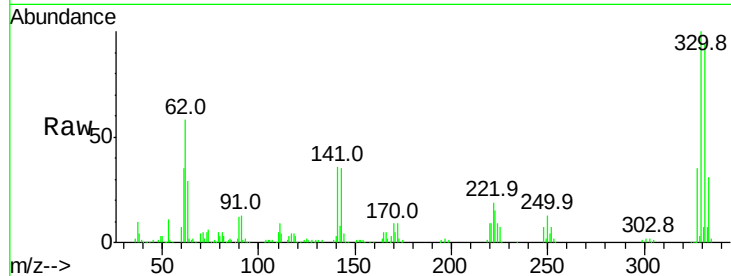
#41
 2,4,6-Tribromophenol
 Concen: 121.176 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	228731		
332	95.9	76.6	115.0	
141	36.2	31.4	47.2	

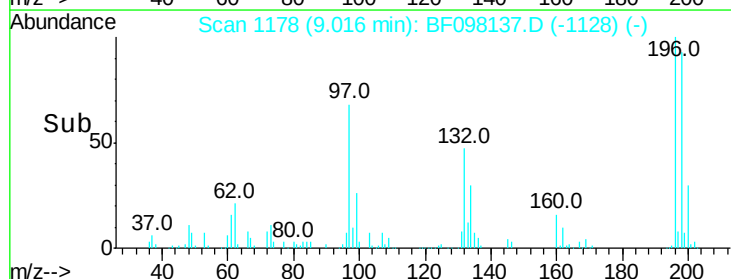
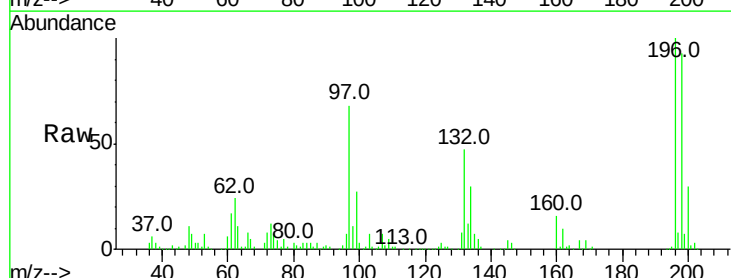
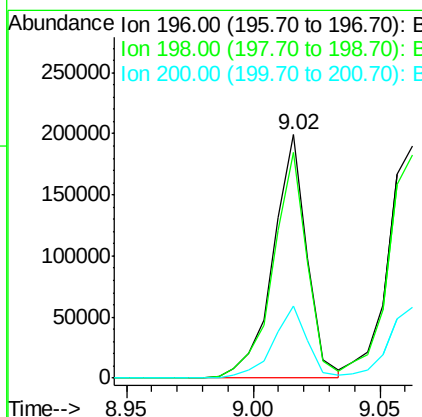
Manual Integrations
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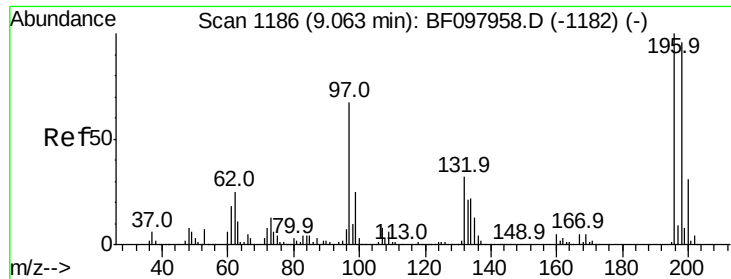
Sohil
 8/30/2017 6:45:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.389 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185524		
198	92.7	74.2	111.4	
200	29.8	24.0	36.0	





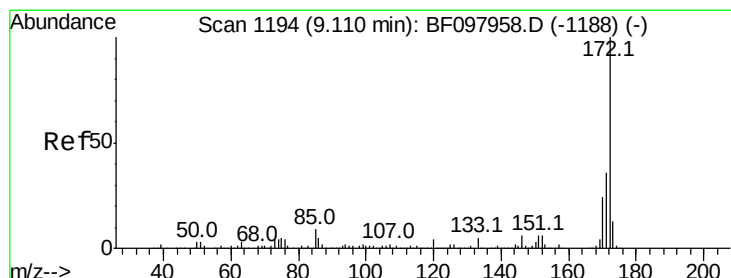
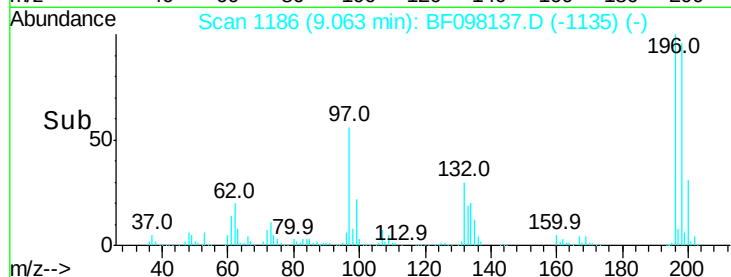
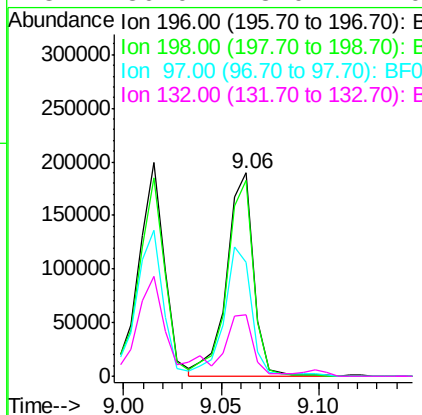
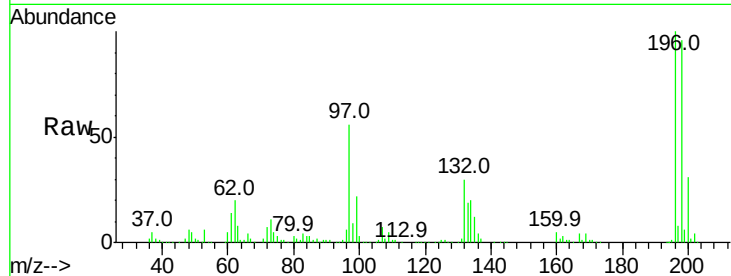
#43
 2,4,5-Trichlorophenol
 Concen: 40.583 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	196	Resp	180469
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.7	113.5
97	55.9	47.7	71.5
132	30.0	28.0	42.0

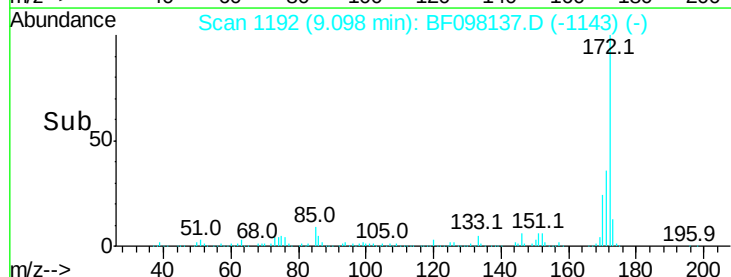
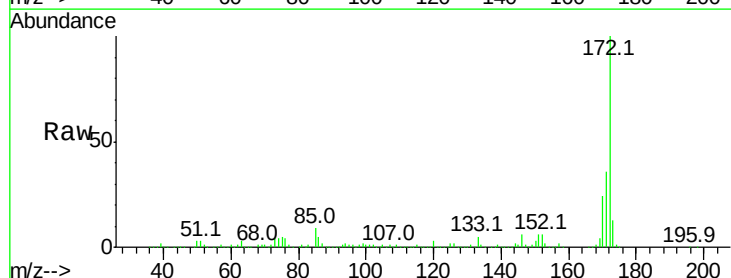
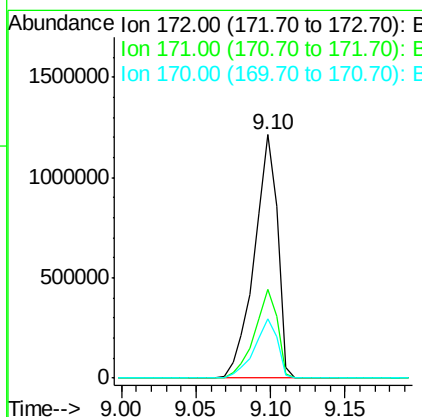
Manual Integrations
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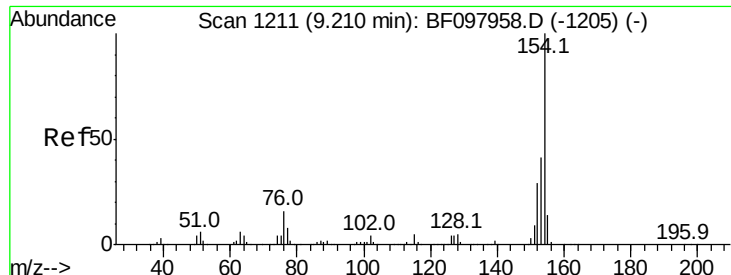
Sohil
 8/30/2017 6:45:15 PM



#44
 2-Fluorobiphenyl
 Concen: 87.499 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	172	Resp	1295614
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8





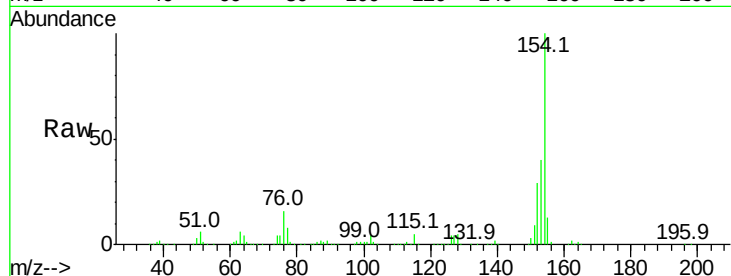
#45
 1,1'-Biphenyl
 Concen: 39.815 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

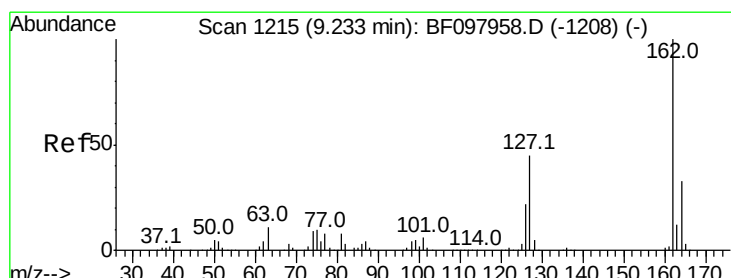
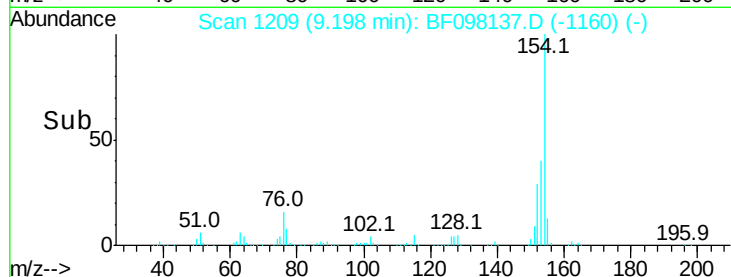
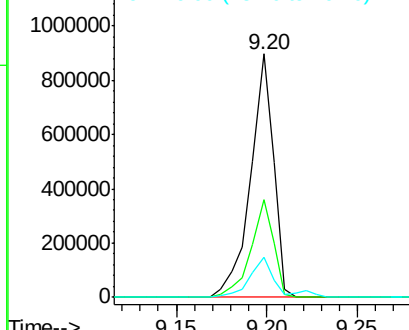
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.2	61.2	
76	16.3	0.0	29.9	

Manual Integrations
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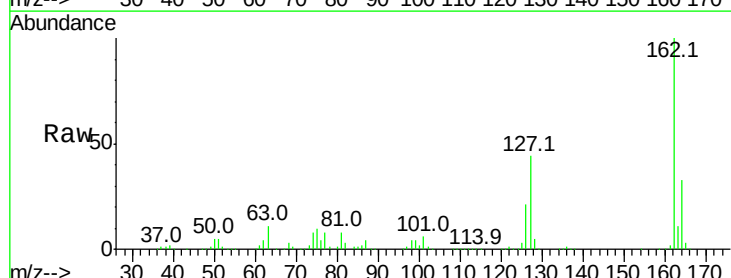


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

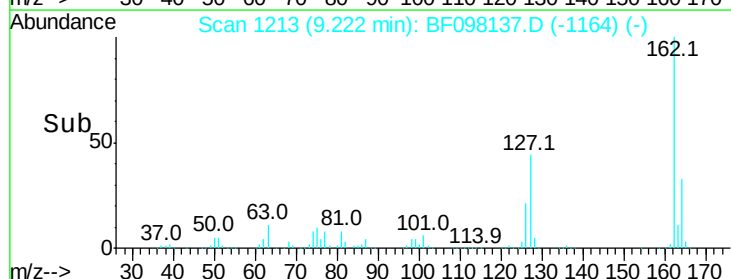
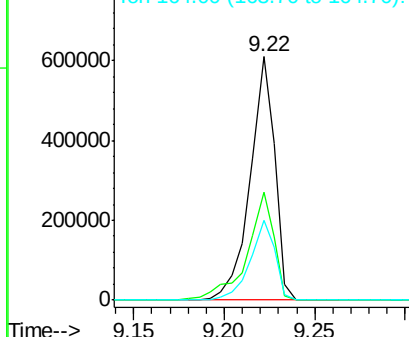


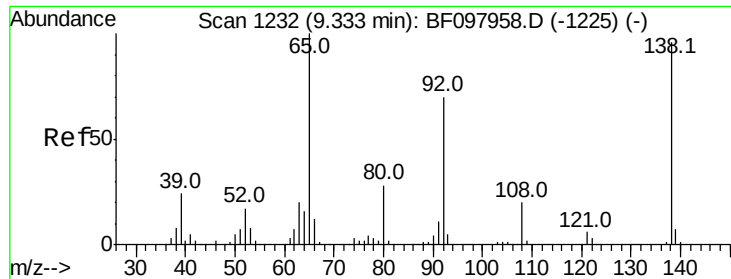
#46
 2-Chloronaphthalene
 Concen: 39.049 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.4	28.3	42.5#	
164	32.9	27.0	40.4	



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





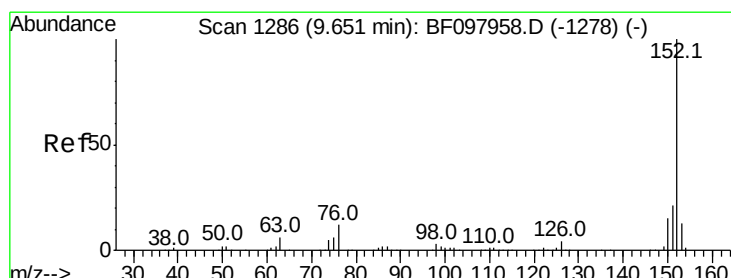
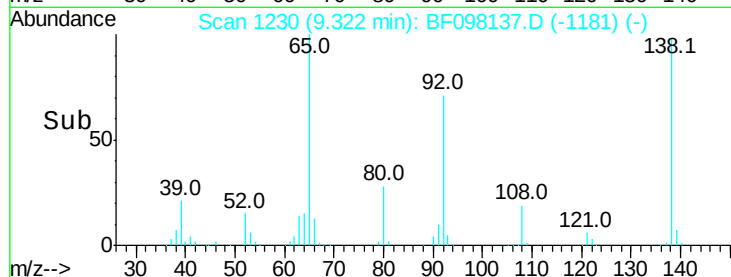
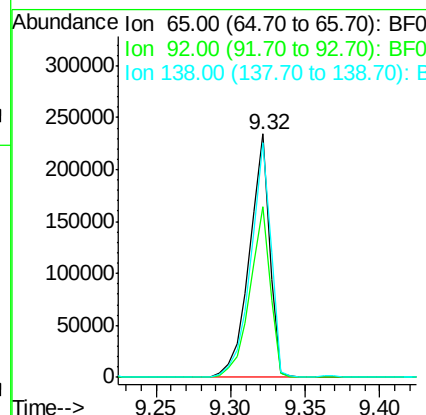
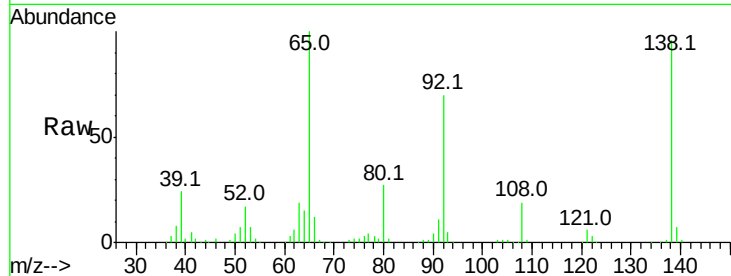
#47
2-Nitroaniline
Concen: 44.920 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.9	80.9
138	96.3	78.8	118.2

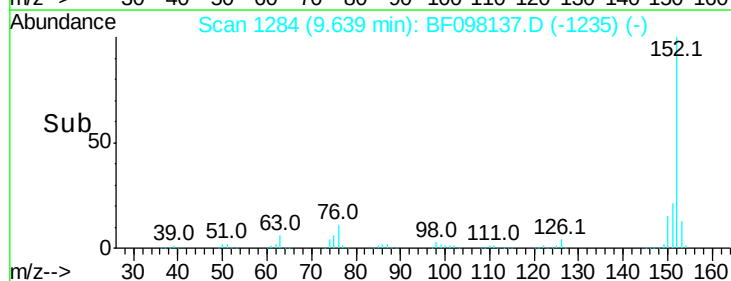
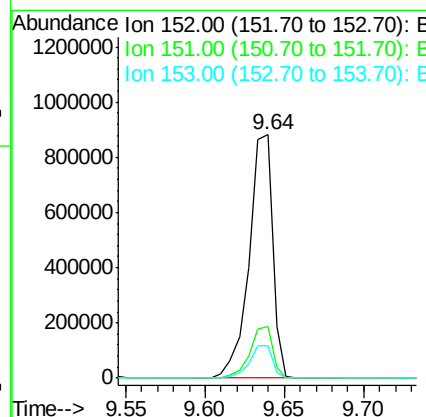
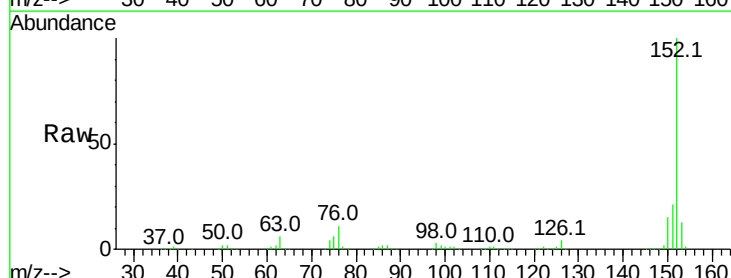
Manual Integrations
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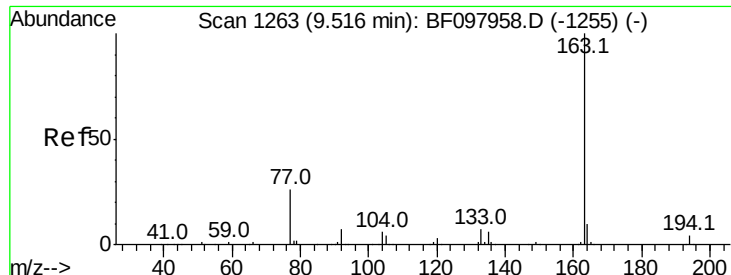
Sohil
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#48
Acenaphthylene
Concen: 39.473 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.2	10.8	16.2





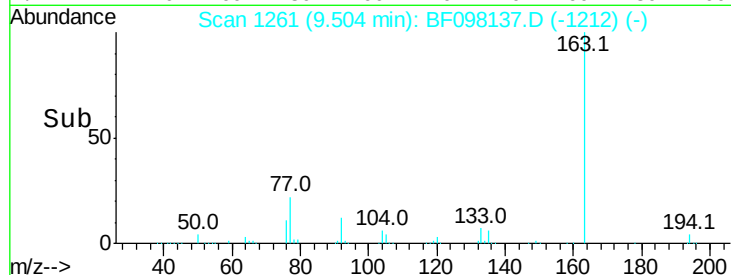
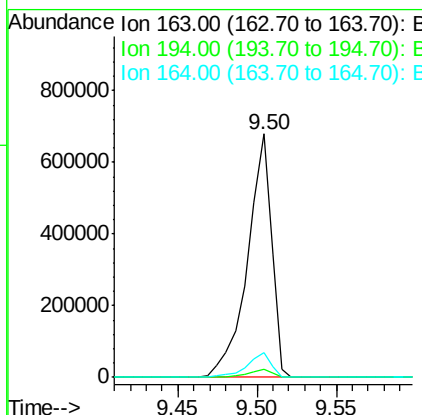
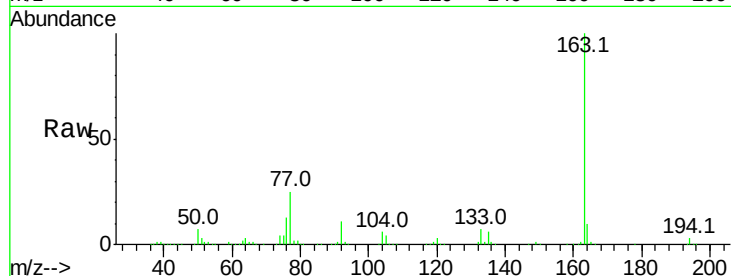
#49
Dimethylphthalate
Concen: 45.020 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	715916		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

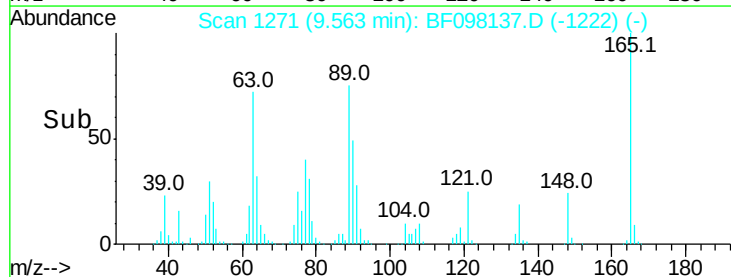
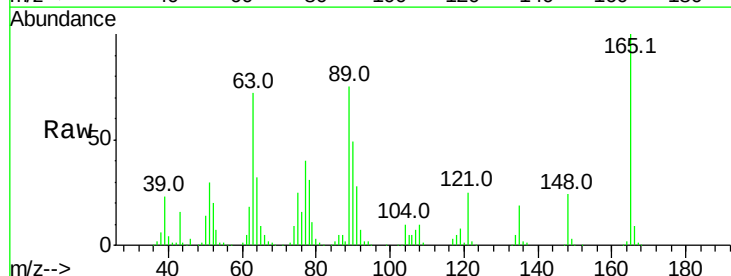
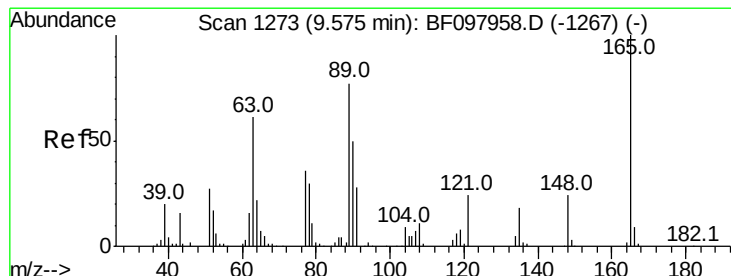
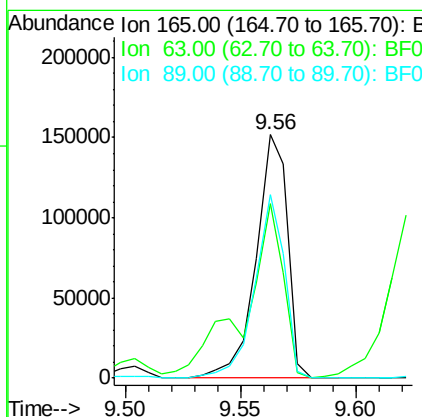
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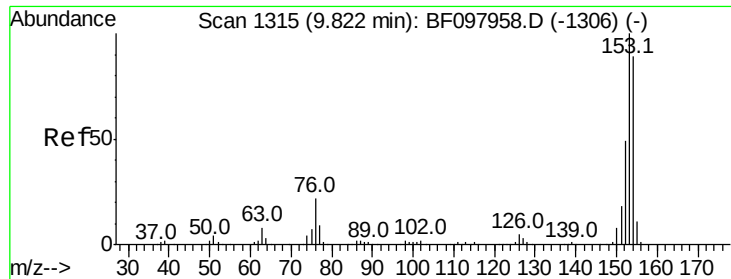
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.460 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144299		
63	71.6	34.3	51.5#	
89	75.4	37.1	55.7#	





#51

Acenaphthene

Concen: 37.223 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

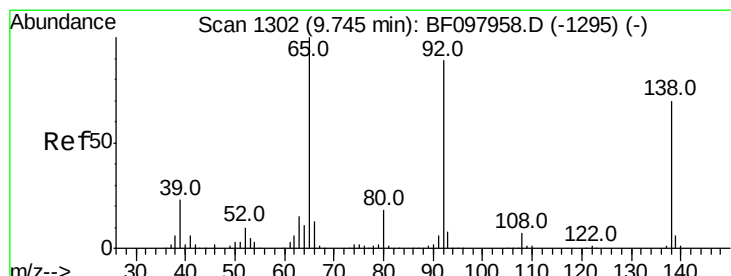
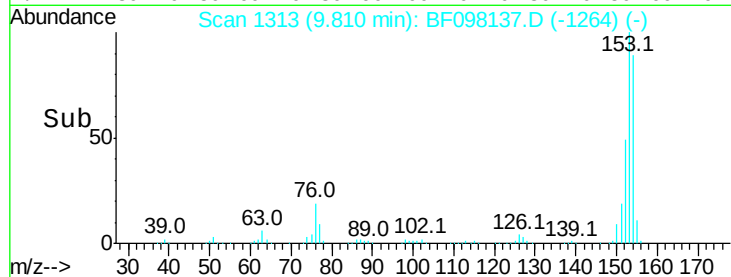
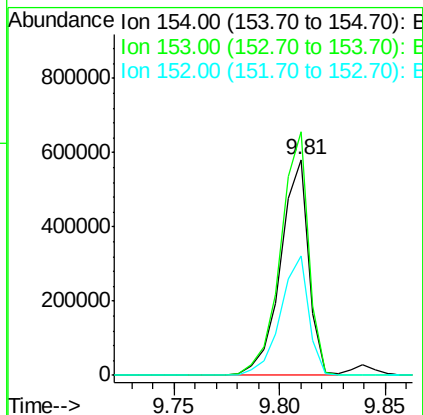
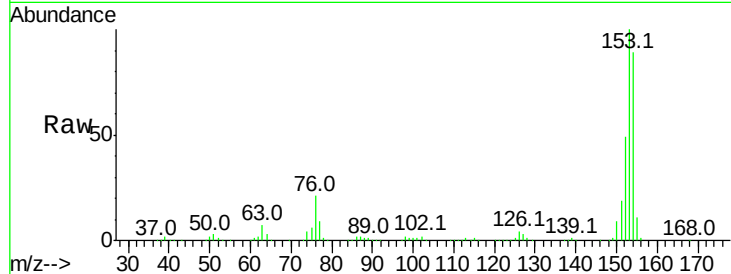
ClientSampleId :

SU-01-82517MS

Tot Ion:	154	Resp:	540383
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.5	135.7
152	55.1	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 26.173 ng

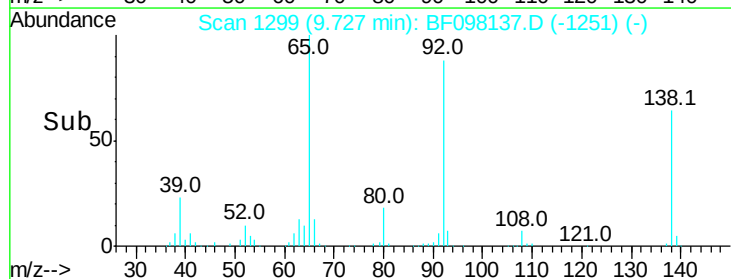
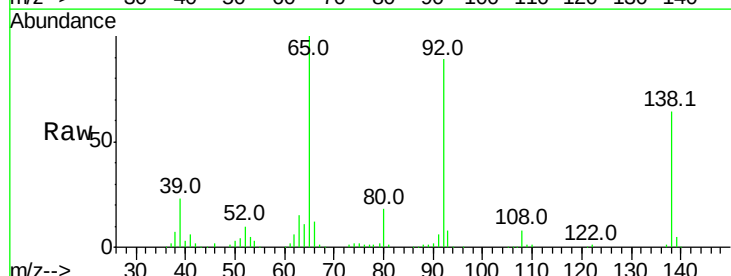
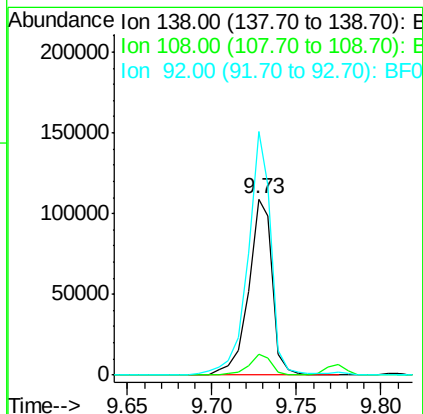
RT: 9.73 min Scan# 1299

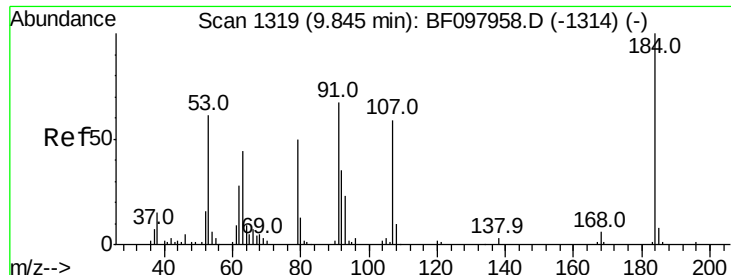
Delta R.T. -0.02 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	138	Resp:	107187
Ion Ratio	Lower	Upper	
138	100		
108	11.7	9.1	13.7
92	138.2	93.8	140.6





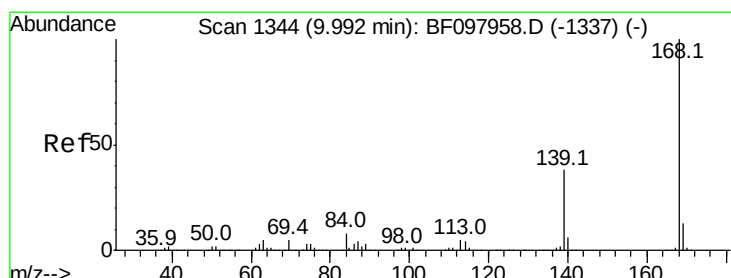
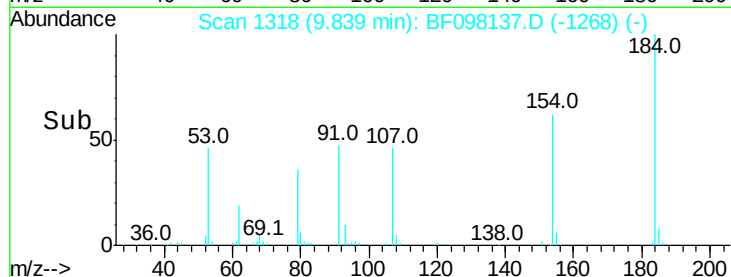
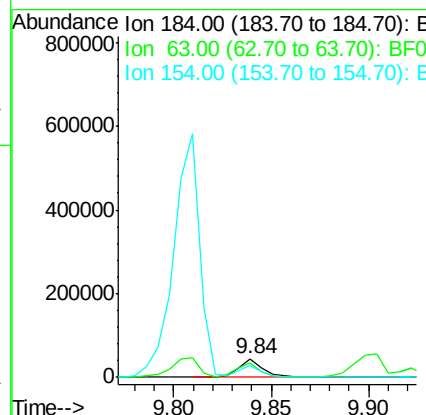
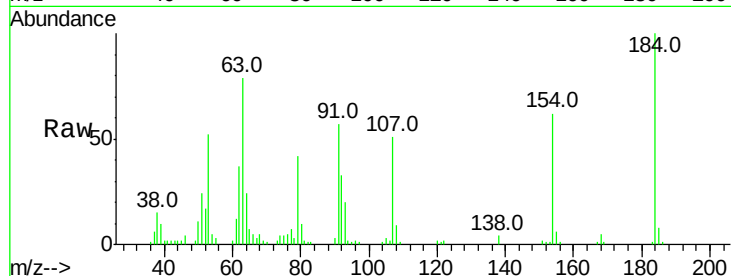
#53
2,4-Dinitrophenol
Concen: 32.823 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	79.0	62.7	94.1	
154	62.0	81.1	121.7	

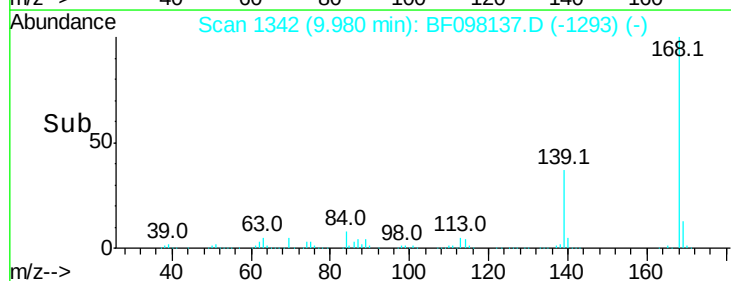
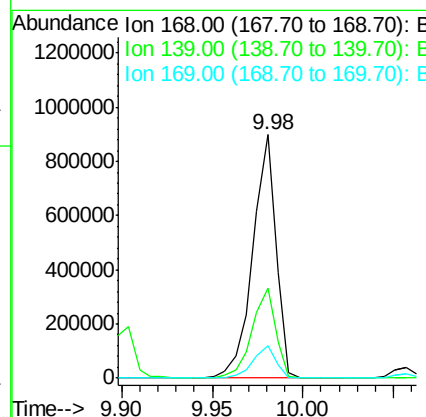
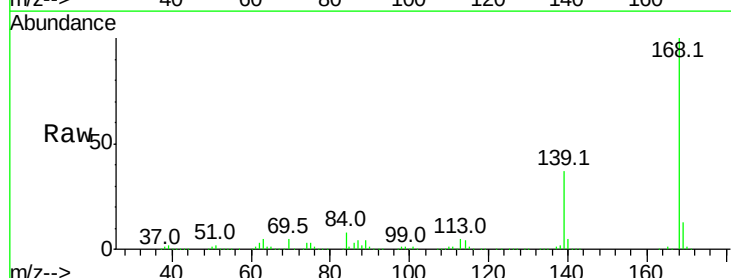
Manual Integrations
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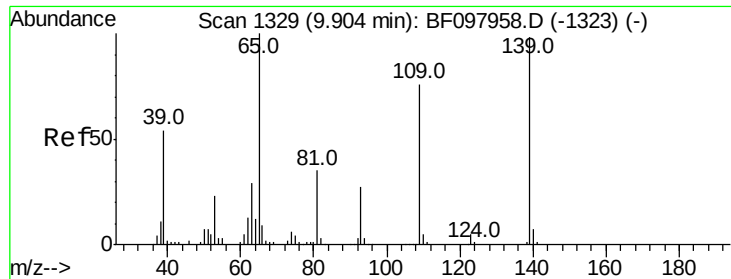
Sohil
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#54
Dibenzofuran
Concen: 41.127 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	30.6	45.8	
169	13.2	10.8	16.2	





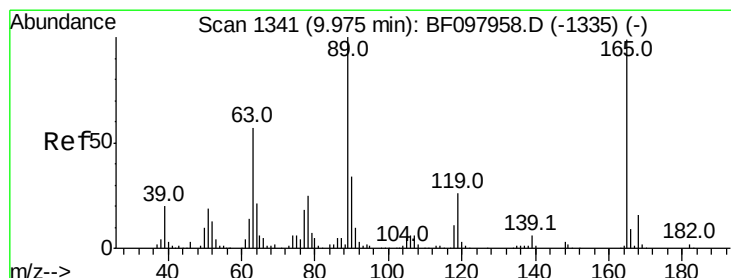
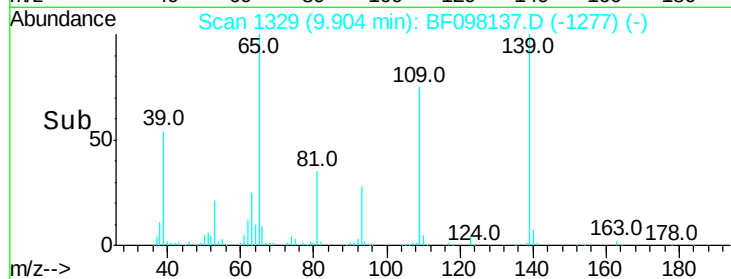
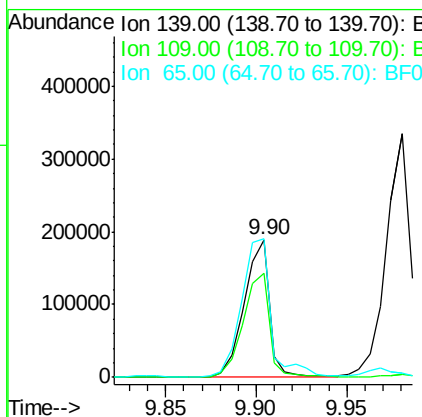
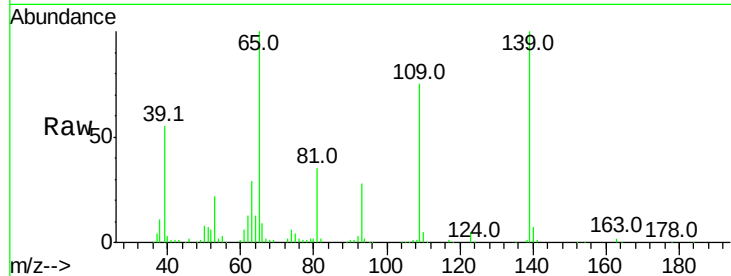
#55
4-Nitrophenol
Concen: 56.638 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.3	34.1	74.1#	
65	100.5	31.4	71.4#	

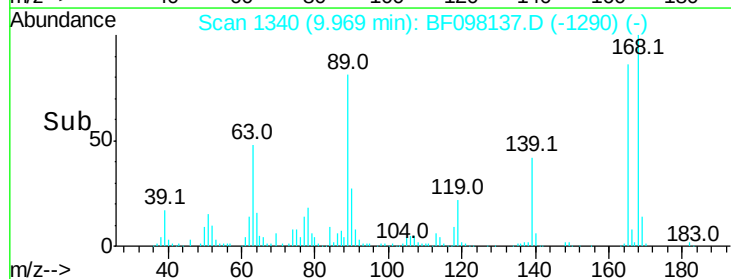
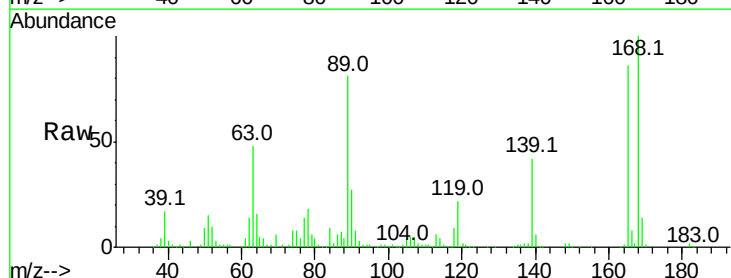
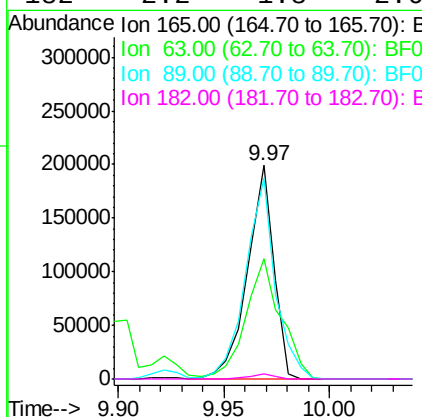
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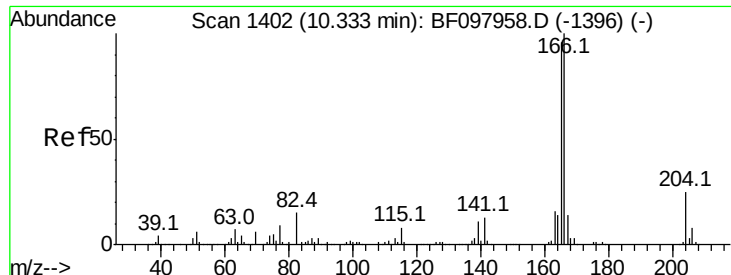
Sohil
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#56
2,4-Dinitrotoluene
Concen: 43.347 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.2	25.4	38.0#	
89	94.1	46.4	69.6#	
182	2.2	1.8	2.6	





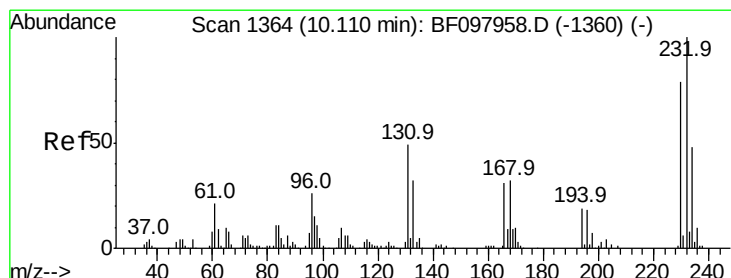
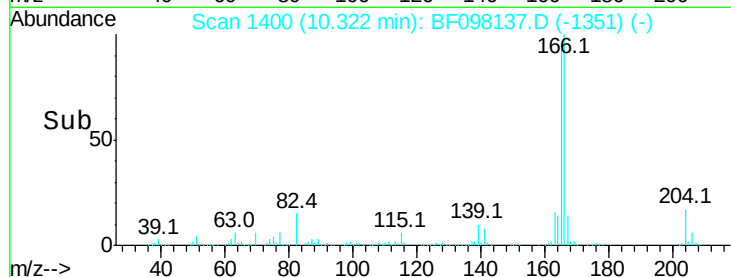
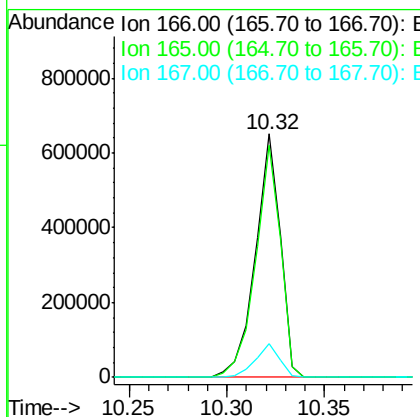
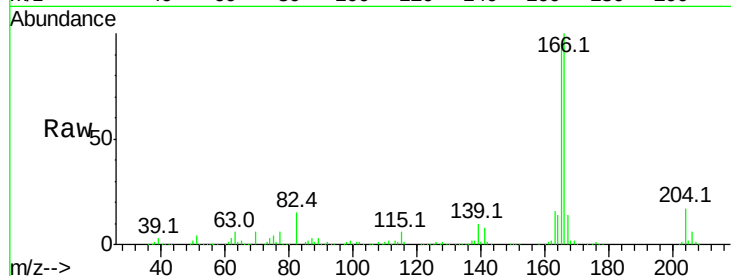
#57
 Fluorene
 Concen: 38.246 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	575336		
165	95.5	78.8	118.2	
167	13.8	10.6	16.0	

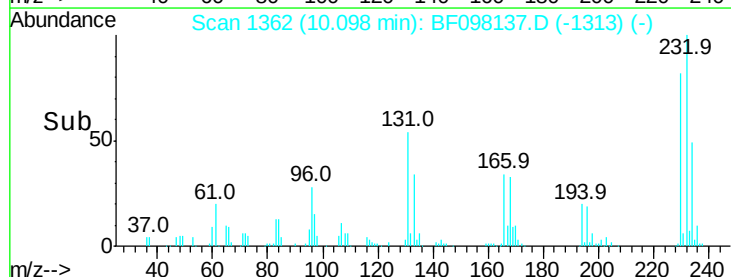
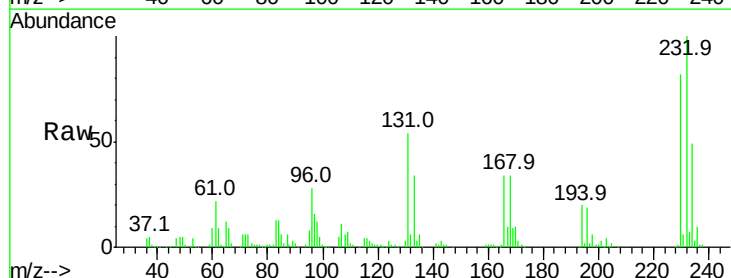
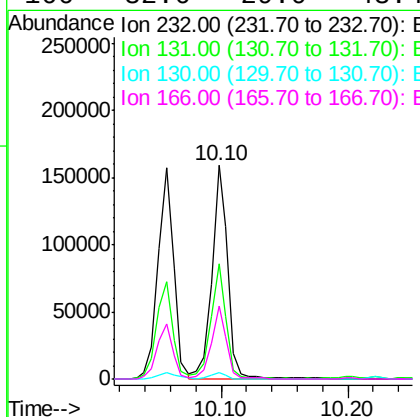
Manual Integrations
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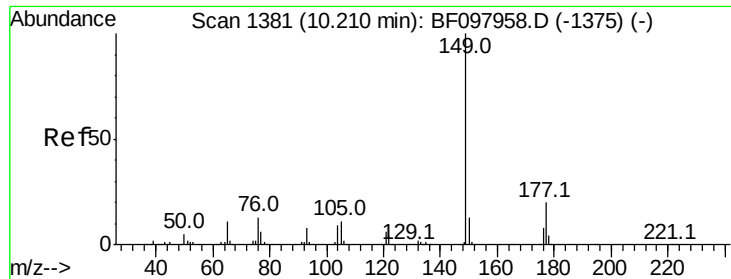
Sohil
 8/30/2017 6:45:15 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.467 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	139324		
131	52.3	44.8	67.2	
130	2.8	2.3	3.5	
166	32.6	29.0	43.4	





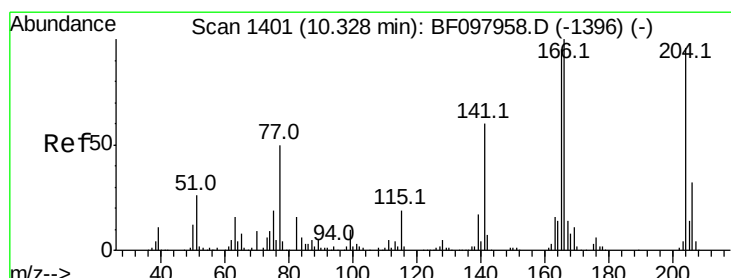
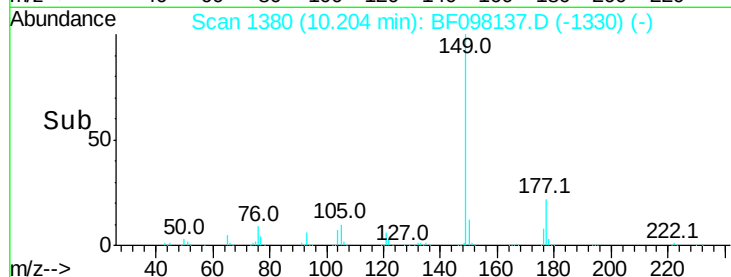
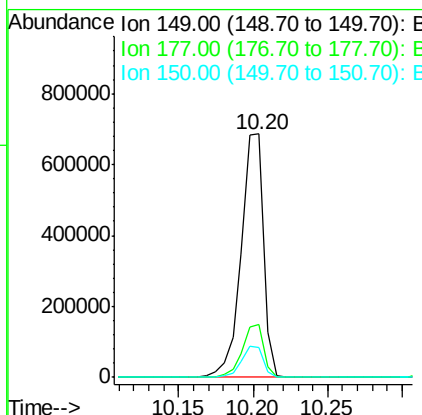
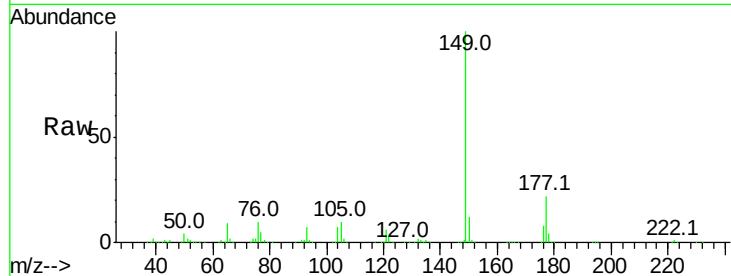
#59
Diethylphthalate
Concen: 43.030 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	715570		
177	22.0		16.7	25.1
150	12.5		10.2	15.2

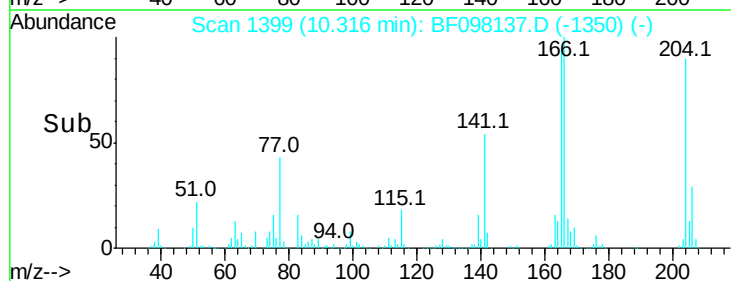
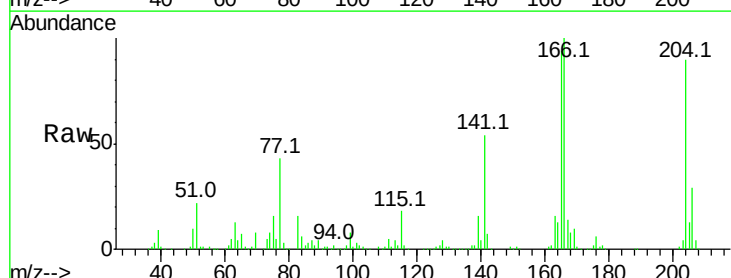
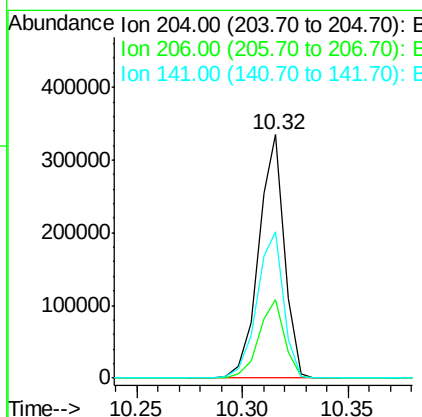
Manual Integrations
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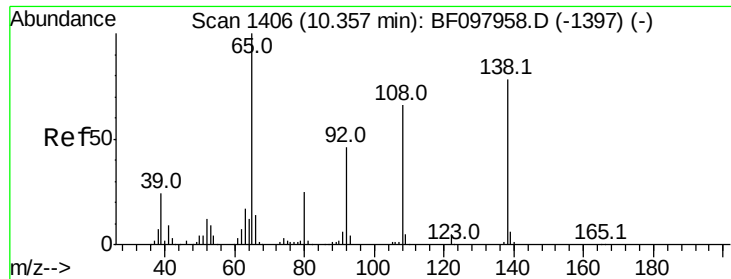
Sohil
8/30/2017 6:45:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.513 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	283126		
206	32.4		26.2	39.2
141	60.2		60.8	91.2#





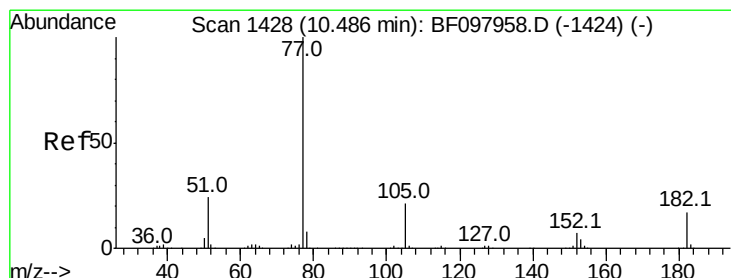
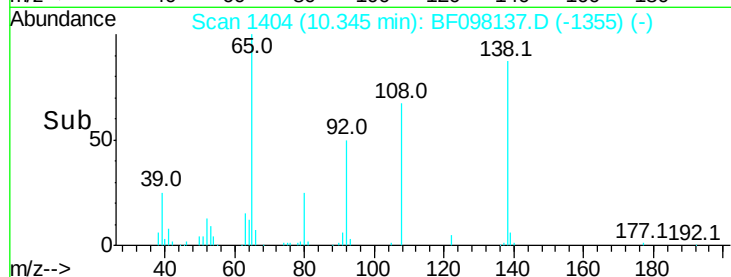
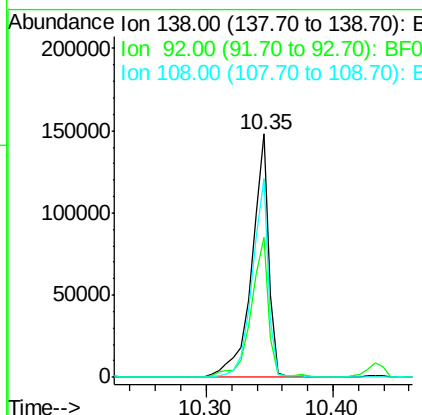
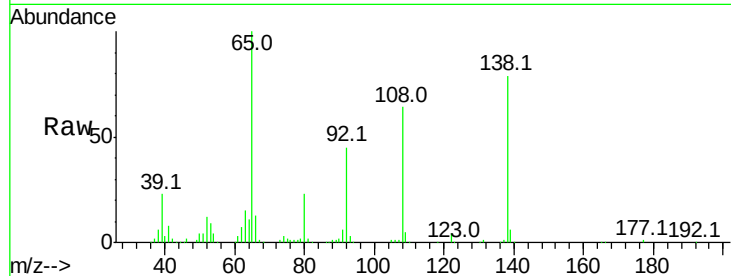
#61
4-Nitroaniline
Concen: 35.878 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	139650		
92	57.2	21.8	61.8	
108	81.5	42.3	82.3	

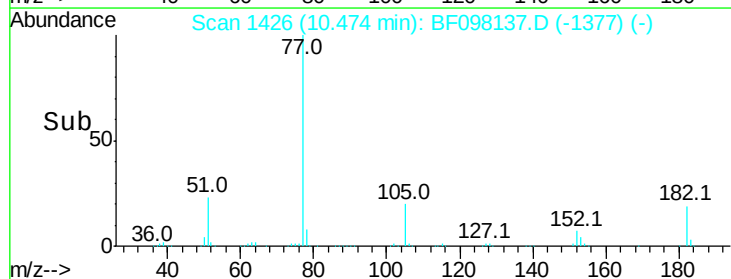
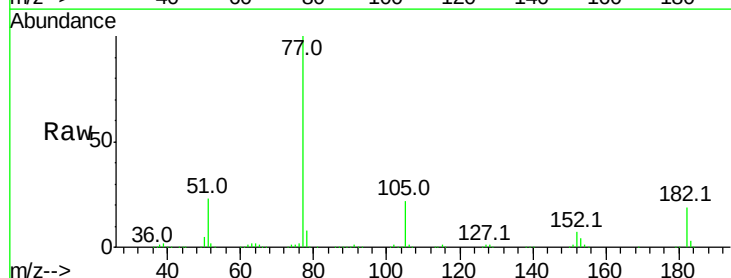
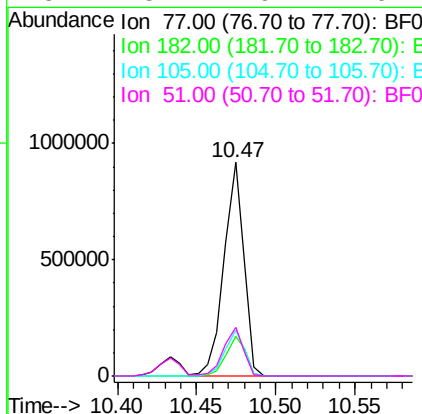
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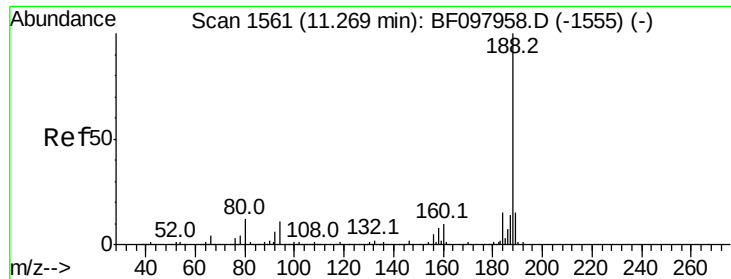
Sohil
8/30/2017 6:45:15 PM



#62
Azobenzene
Concen: 40.220 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	794487		
182	18.6	0.1	40.1	
105	21.7	3.6	43.6	
51	23.1	9.4	49.4	





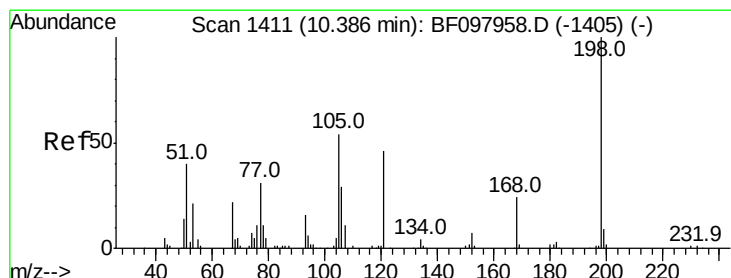
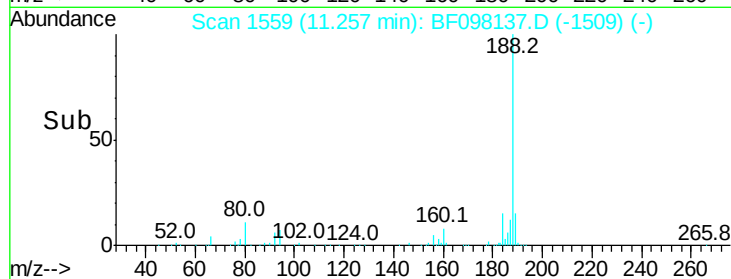
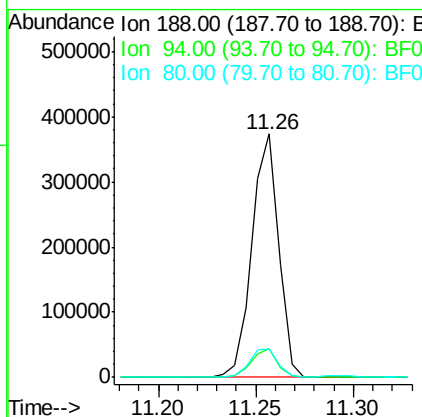
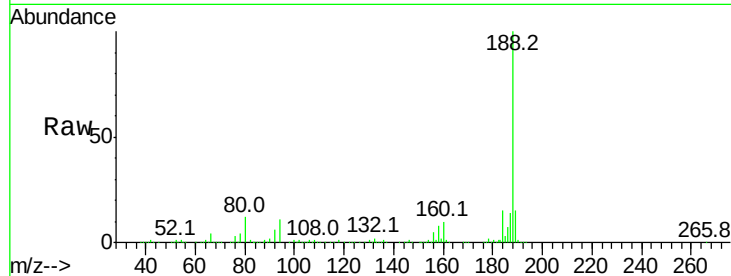
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.5	9.4	14.2	
80	11.9	10.2	15.2	

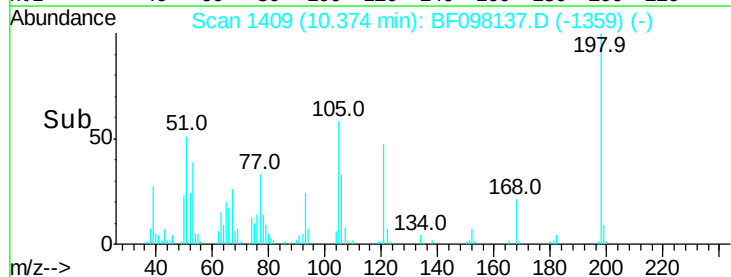
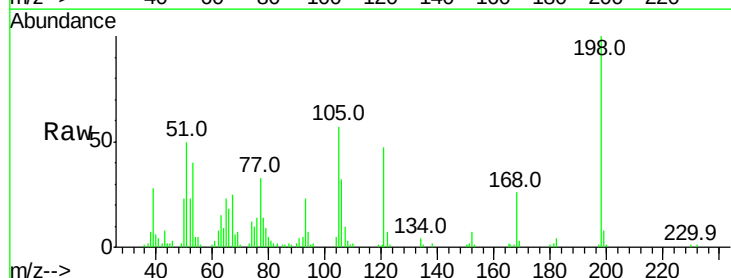
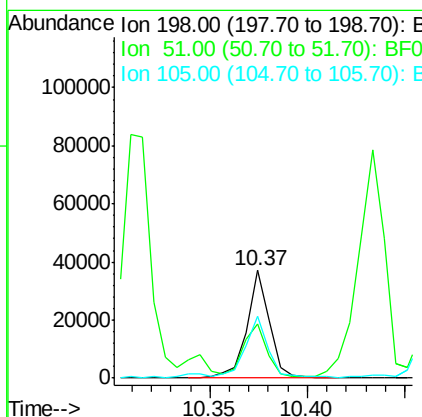
Manual Integrations
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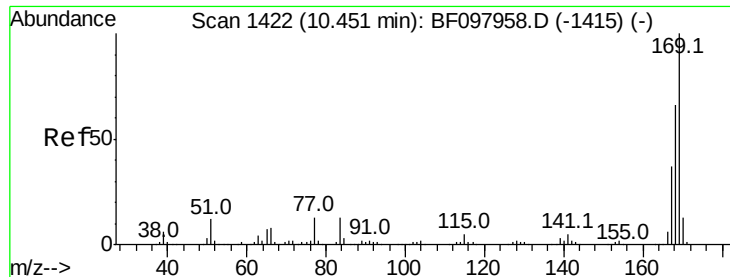
Sohil
8/30/2017 6:45:15 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 23.048 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	50.1	53.2	93.2#	
105	56.9	45.8	85.8	





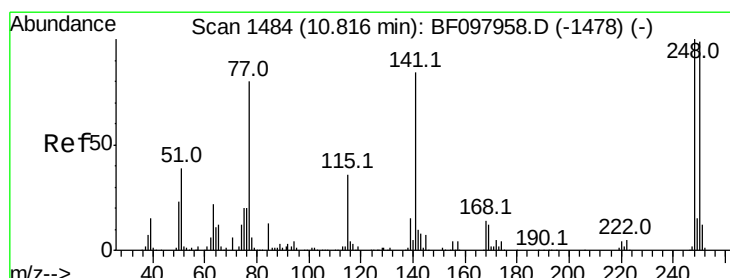
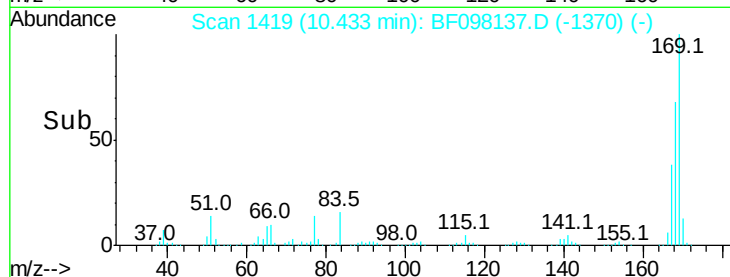
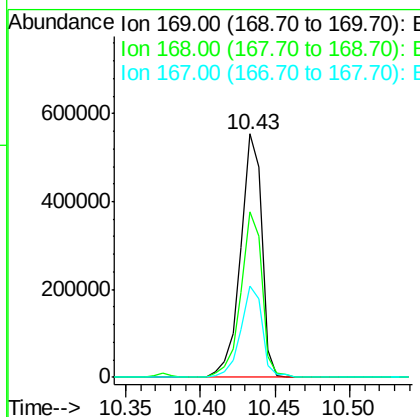
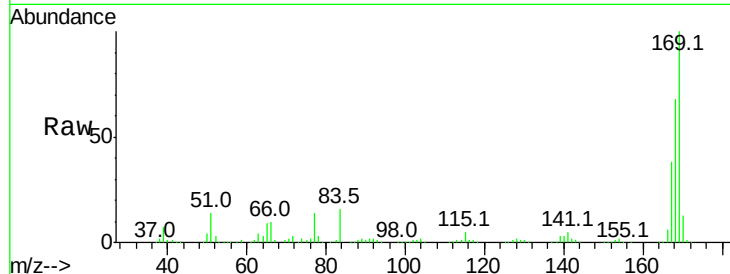
#65
 n-Nitrosodiphenylamine
 Concen: 45.272 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	545684		
168	67.8	53.2	79.8	
167	37.5	29.5	44.3	

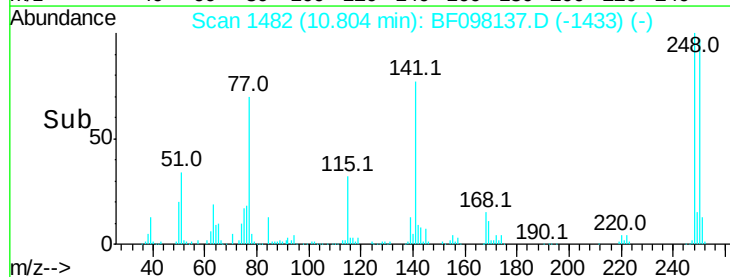
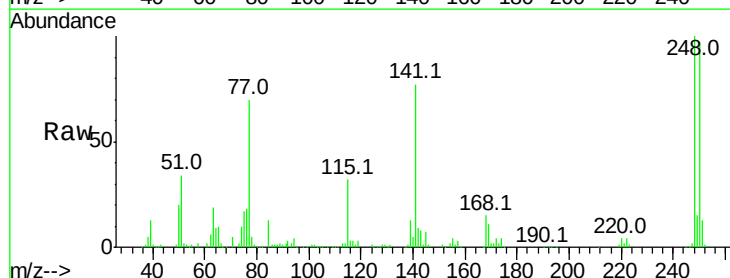
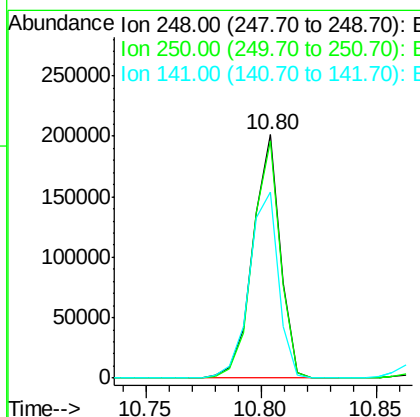
Manual Integrations
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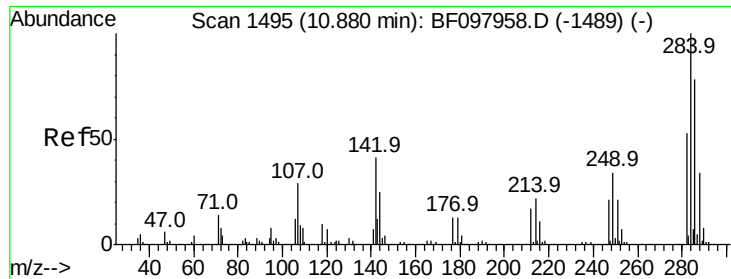
Sohil
 8/30/2017 6:45:15 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.495 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167222		
250	97.5	76.8	115.2	
141	76.5	68.6	103.0	





#67

Hexachlorobenzene

Concen: 41.407 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

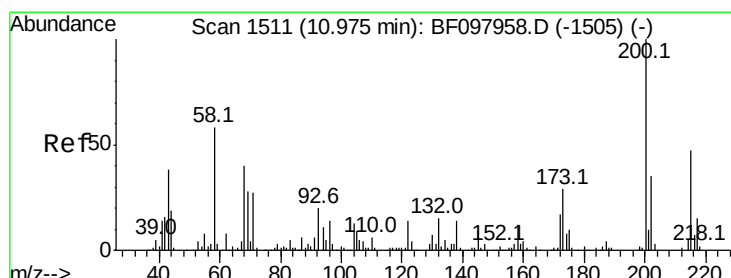
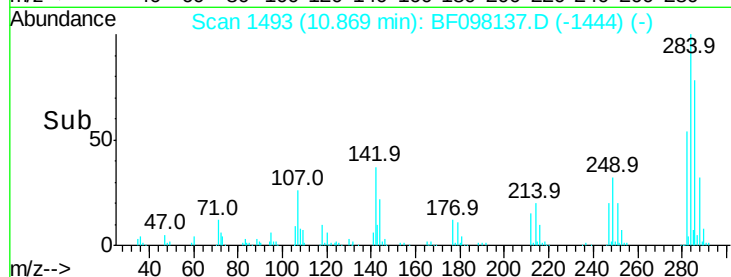
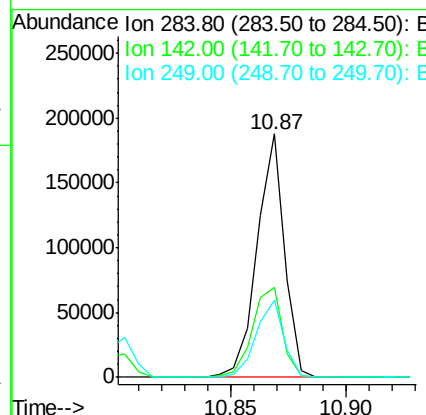
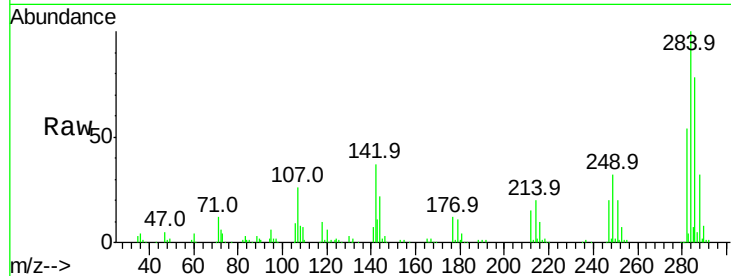
ClientSampleId :

SU-01-82517MS

Tot Ion:	284	Resp:	155129
Ion Ratio		Lower	Upper
284	100		
142	36.9	22.8	34.2#
249	32.0	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 49.131 ng

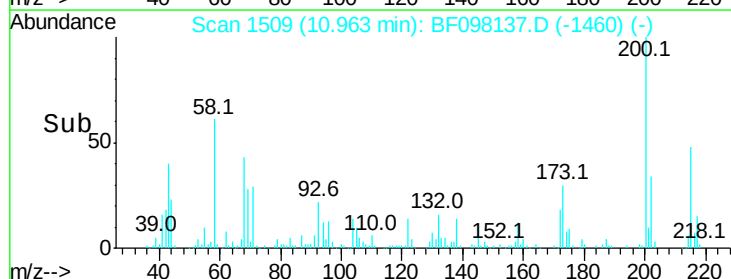
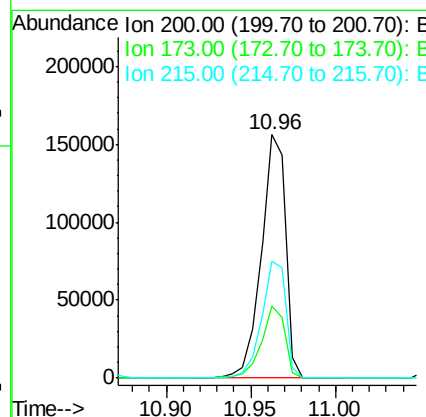
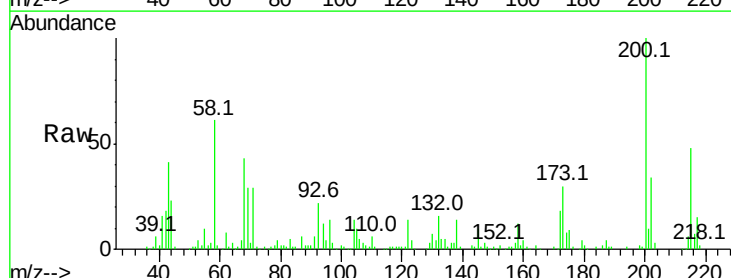
RT: 10.96 min Scan# 1509

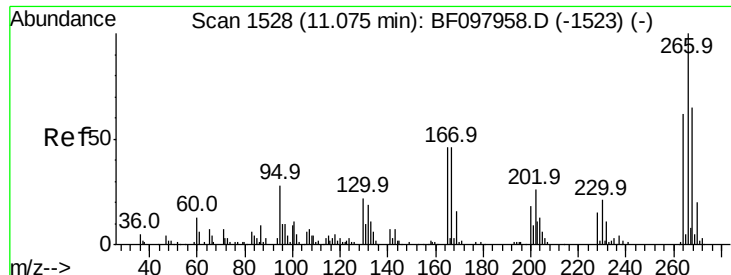
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	200	Resp:	157051
Ion Ratio		Lower	Upper
200	100		
173	29.8	6.3	46.3
215	47.9	27.2	67.2





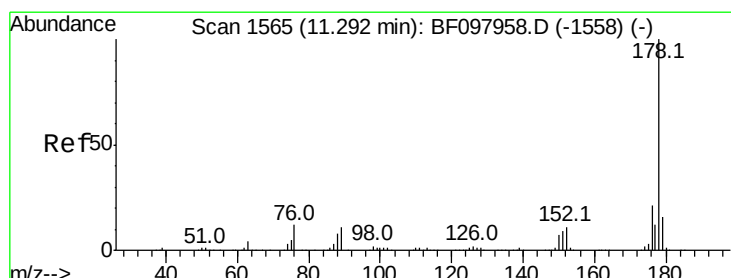
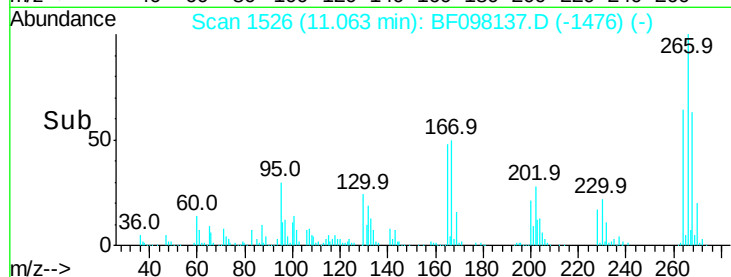
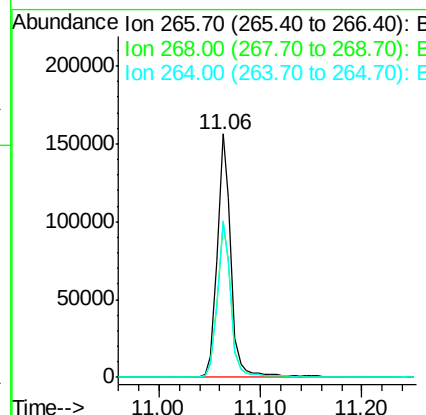
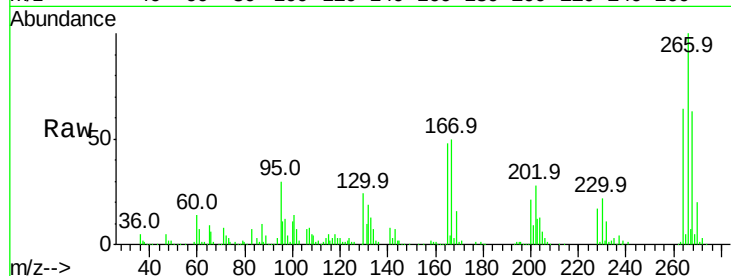
#69
 Pentachlorophenol
 Concen: 67.714 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	147914		
268	63.0	51.1	76.7	
264	64.4	51.7	77.5	

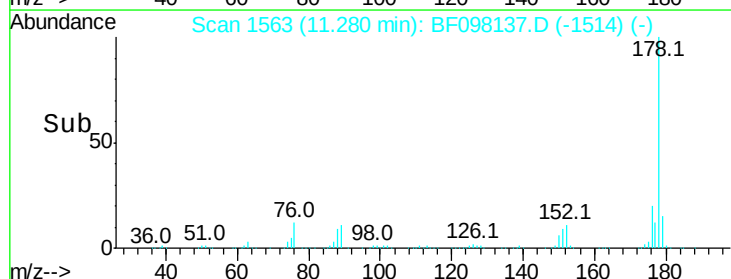
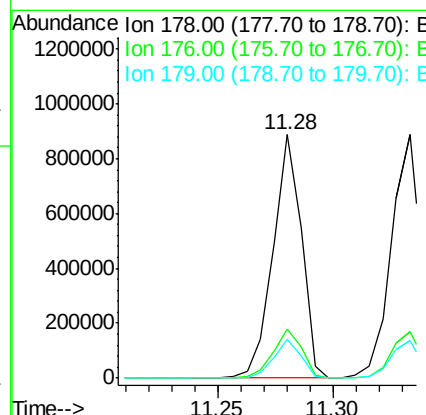
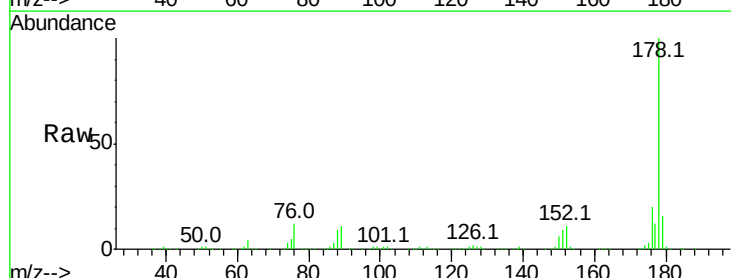
Manual Integrations
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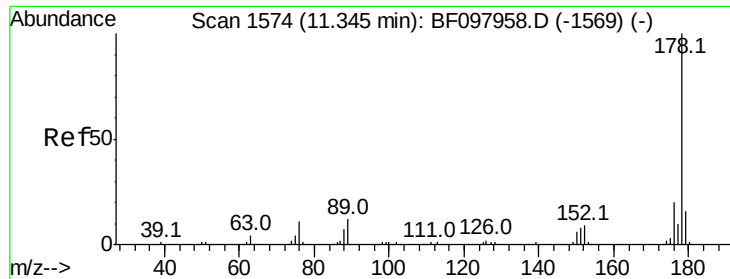
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#70
 Phenanthrene
 Concen: 40.338 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	760843		
176	20.2	16.2	24.4	
179	15.7	12.6	19.0	





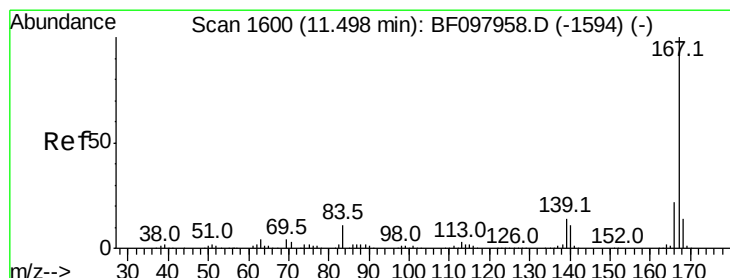
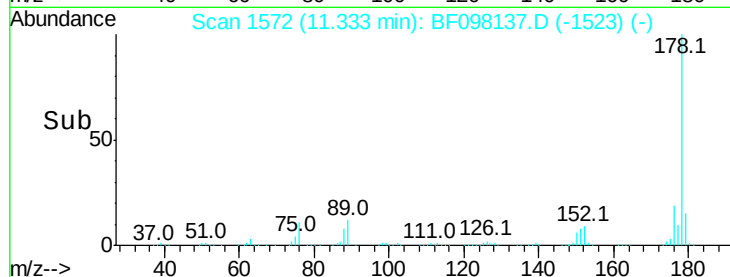
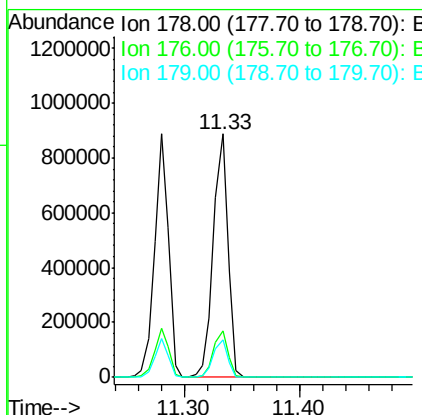
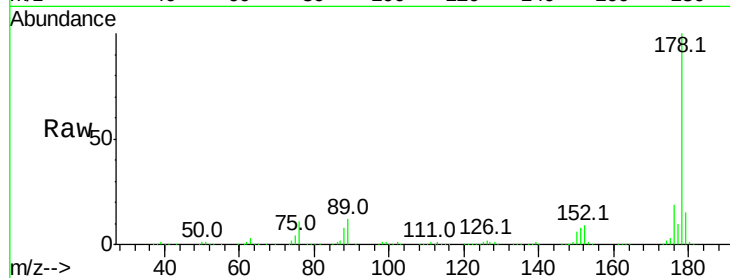
#71
 Anthracene
 Concen: 41.158 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	12.7	19.1

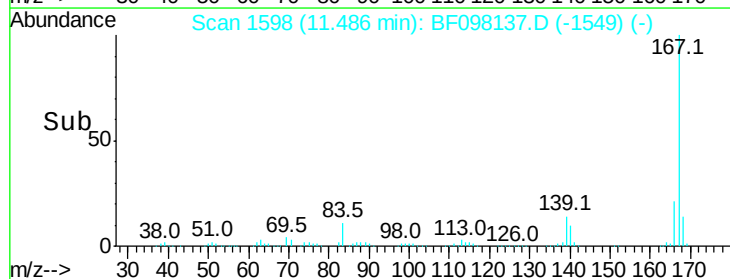
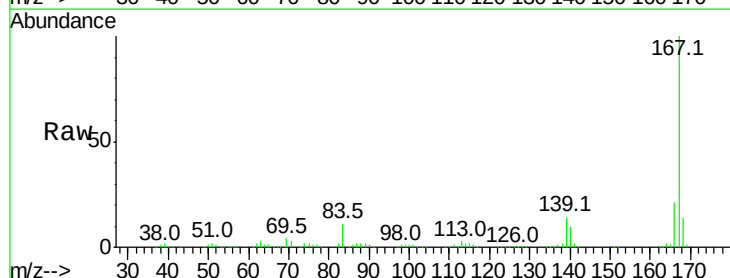
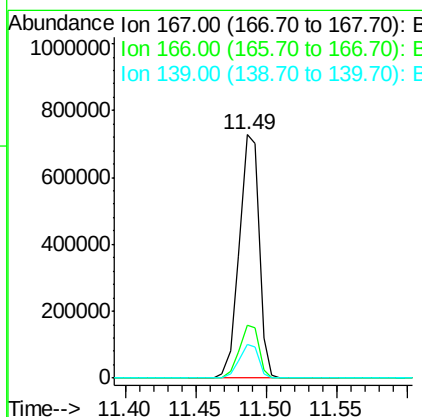
Manual Integrations
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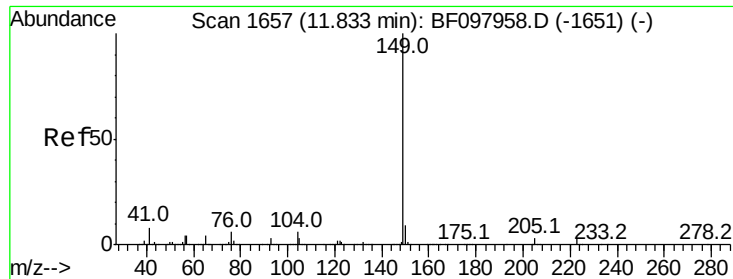
Sohil
 8/30/2017 6:45:15 PM



#72
 Carbazole
 Concen: 39.480 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	13.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 49.695 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

ClientSampleId :

SU-01-82517MS

Tot Ion:149 Resp: 1039458

Ion Ratio Lower Upper

149 100

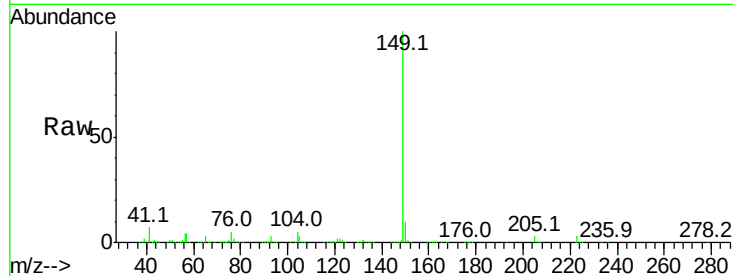
150 9.5 7.7 11.5

104 5.1 4.0 6.0

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Sohil

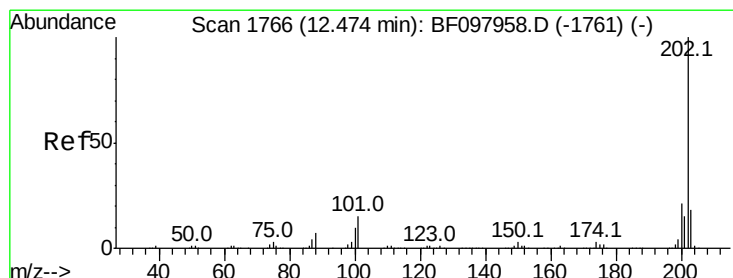
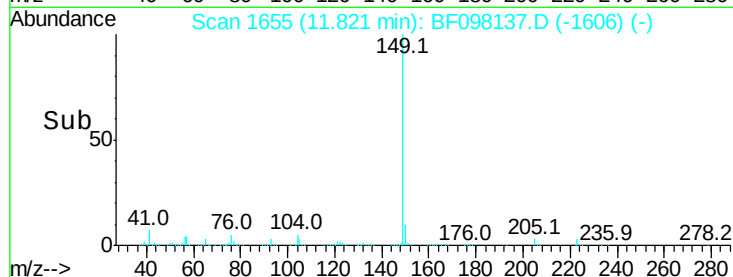
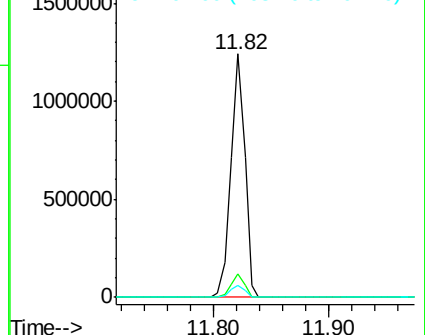
8/30/2017 6:45:15 PM



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: 38.066 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

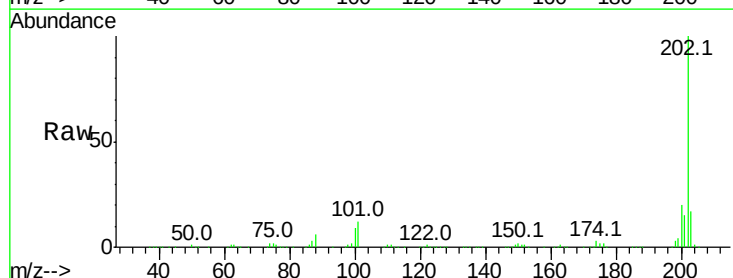
Tgt Ion:202 Resp: 749411

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

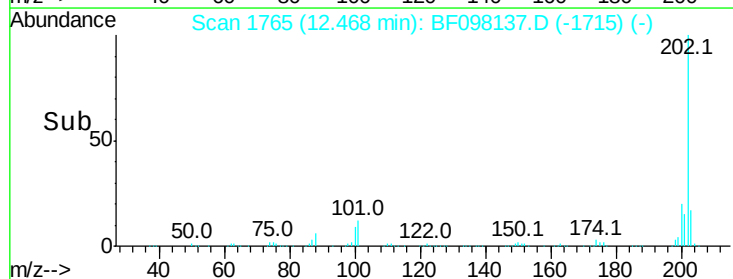
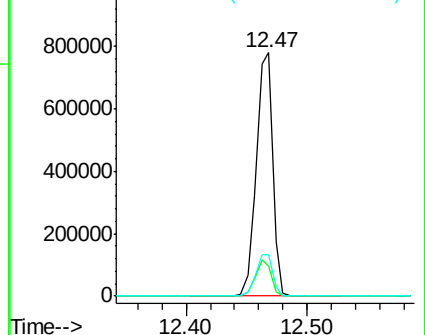
203 17.2 0.0 38.1

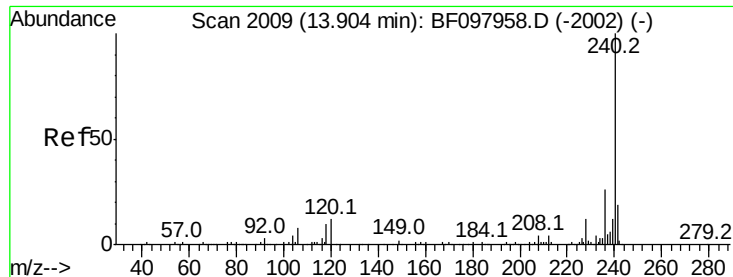


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

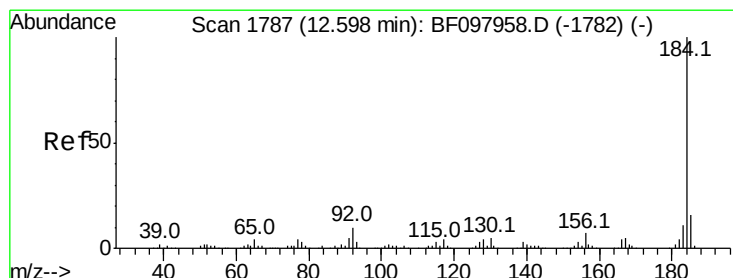
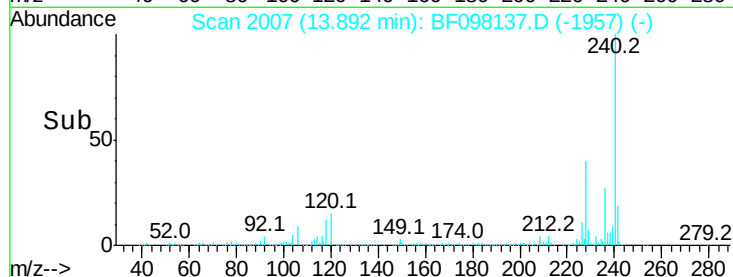
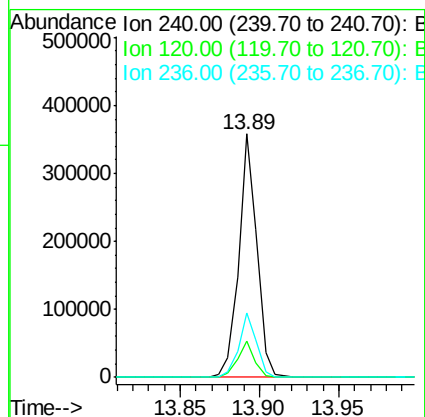
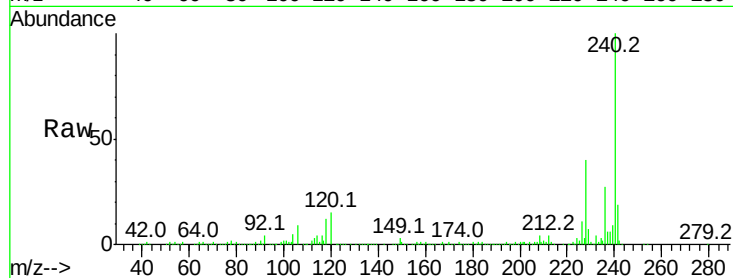
ClientSampleId :

SU-01-82517MS

Tot Ion:	240	Resp:	282447
Ion Ratio	Lower	Upper	
240	100		
120	14.6	5.8	8.8#
236	26.5	20.5	30.7

Manual Integrations
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#76

Benzidine

Concen: 29.668 ng m

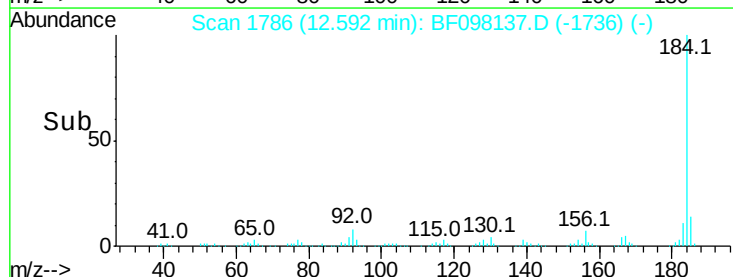
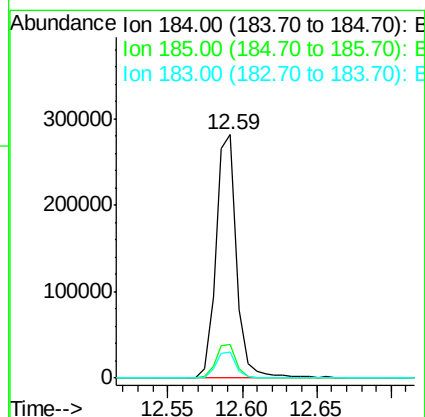
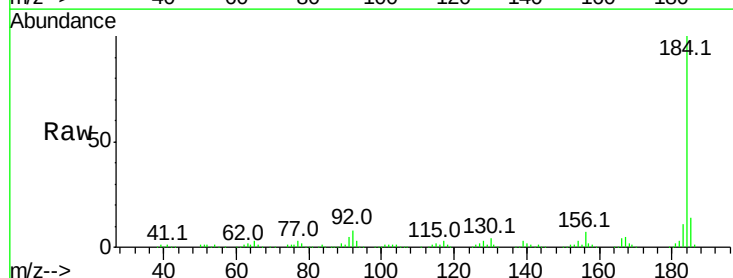
RT: 12.59 min Scan# 1786

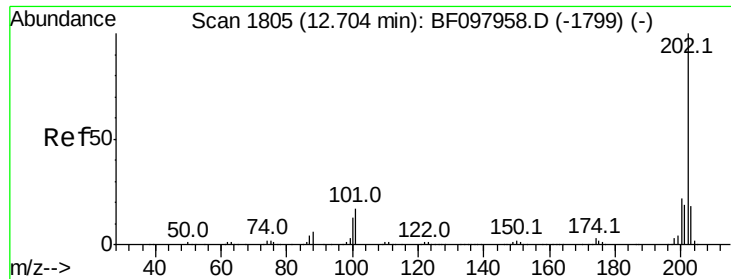
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	184	Resp:	274751
Ion Ratio	Lower	Upper	
184	100		
185	13.6	15.5	23.3#
183	10.5	9.8	14.6





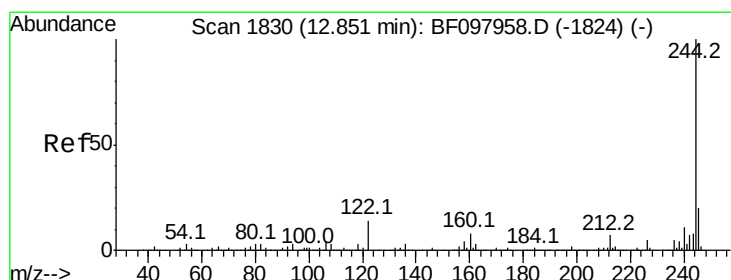
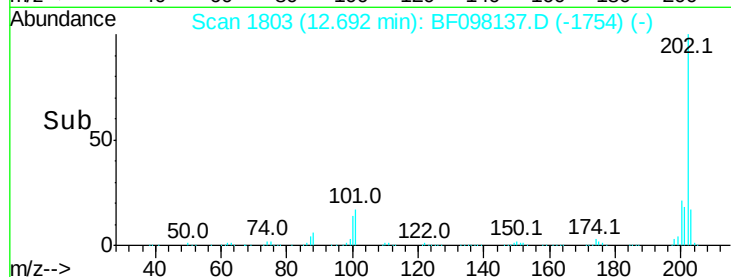
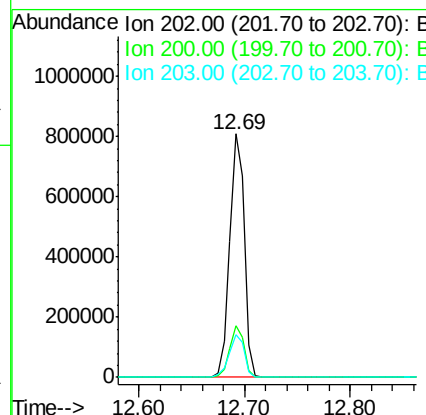
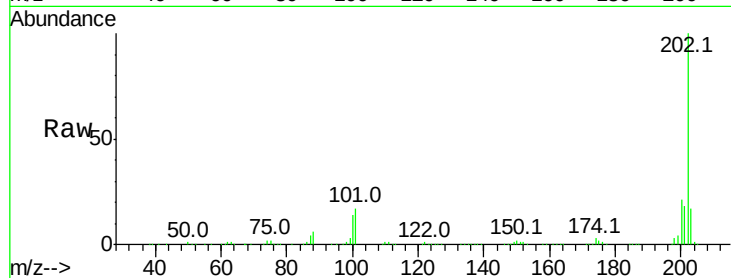
#77
Pvrene
Concen: 33.572 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.5	14.4	21.6

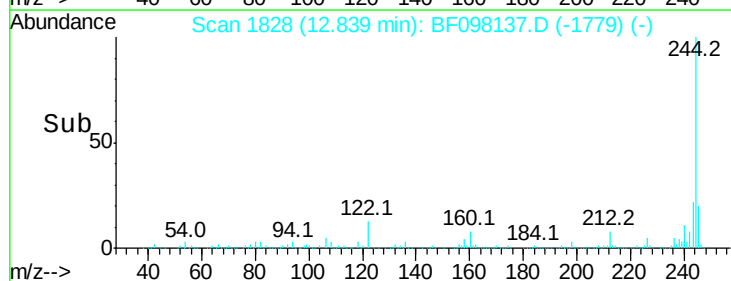
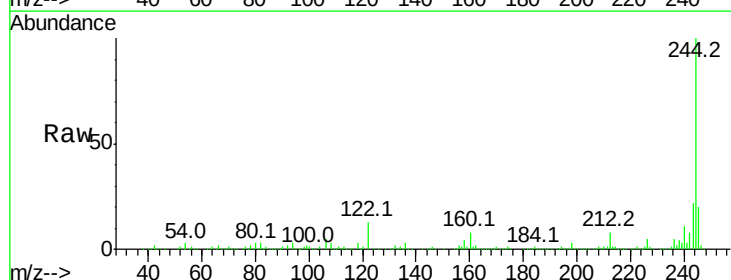
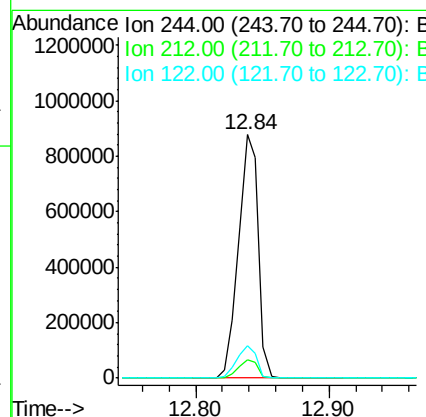
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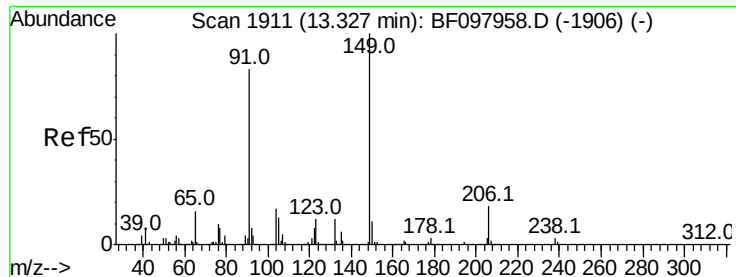
Sohil
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#78
Terphenyl-d14
Concen: 67.272 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.3	10.3	15.5





#79

Butylbenzylphthalate

Concen: 43.963 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

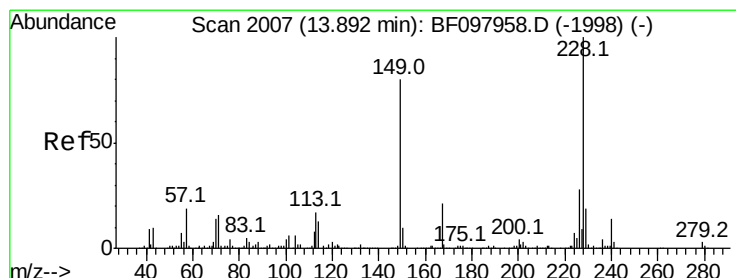
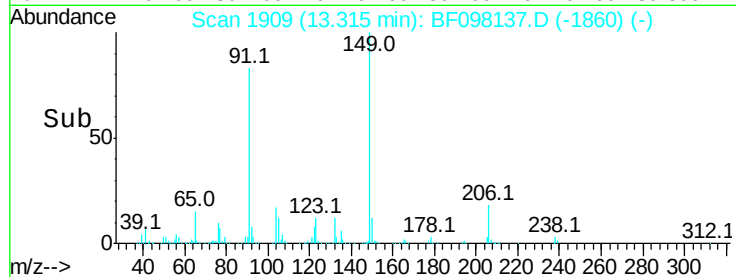
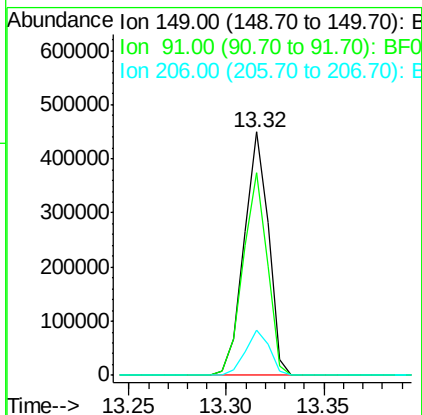
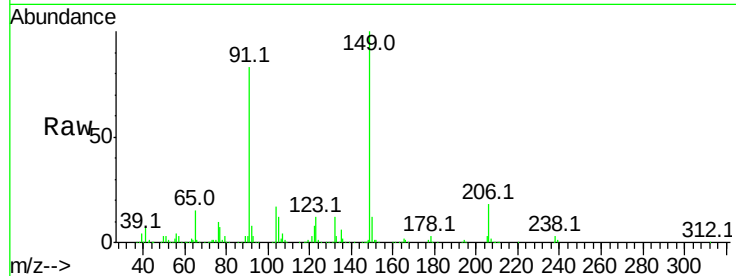
ClientSampleId :

SU-01-82517MS

Tot Ion:	149	Resp:	389377
Ion Ratio	Lower	Upper	
149	100		
91	83.4	45.0	67.4#
206	18.4	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 37.378 ng

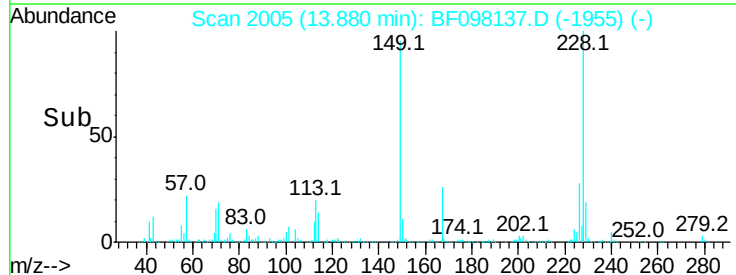
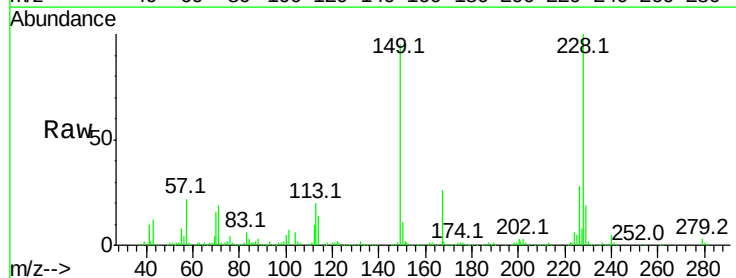
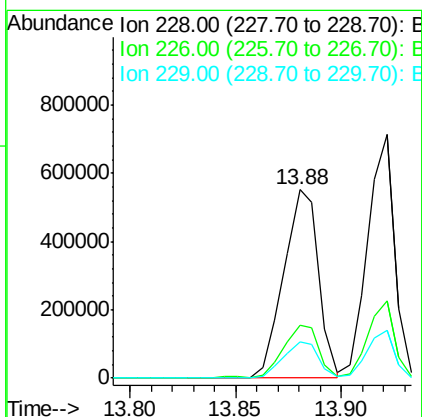
RT: 13.88 min Scan# 2005

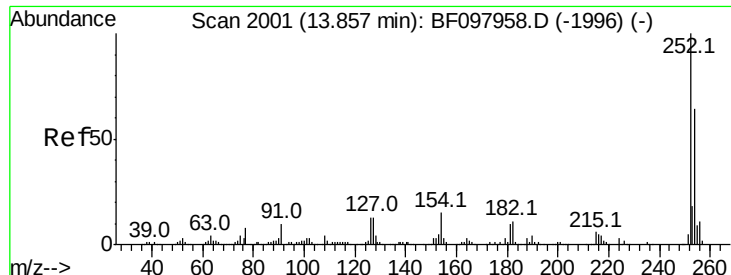
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	228	Resp:	632740
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.3	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 38.032 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

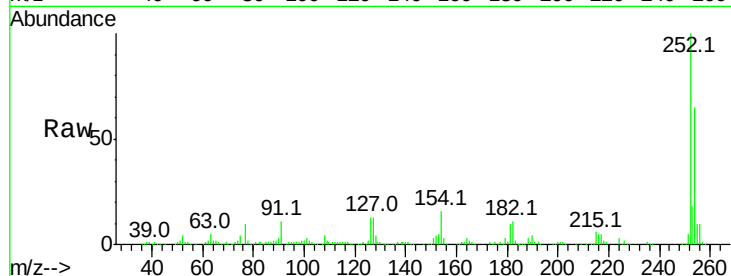
ClientSampleId :

SU-01-82517MS

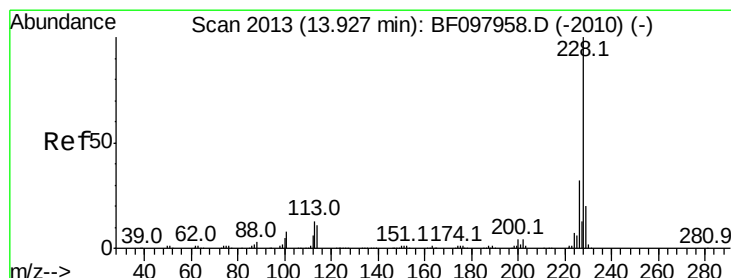
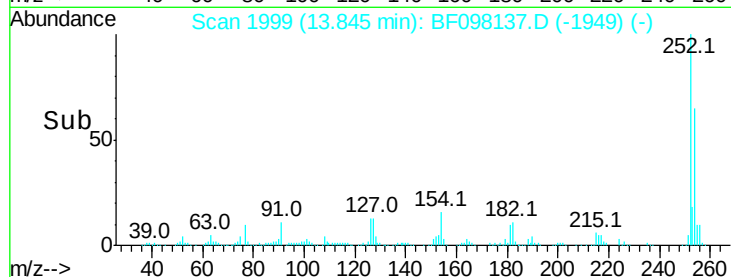
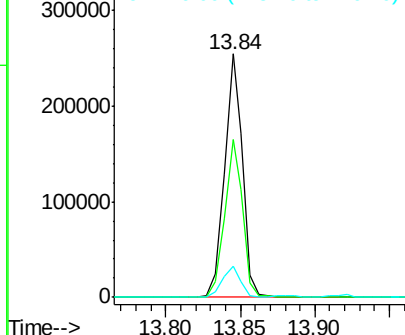
Tot Ion:	252	Resp:	217248
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.5	77.3
126	13.0	15.8	23.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.756 ng

RT: 13.92 min Scan# 2012

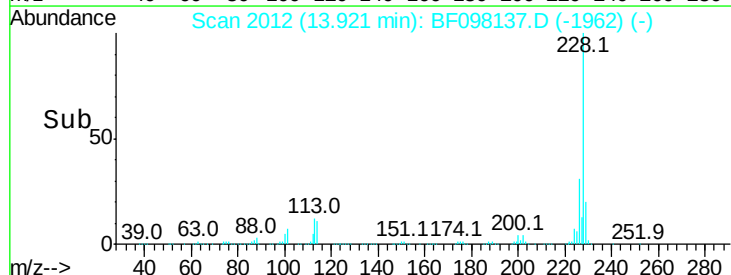
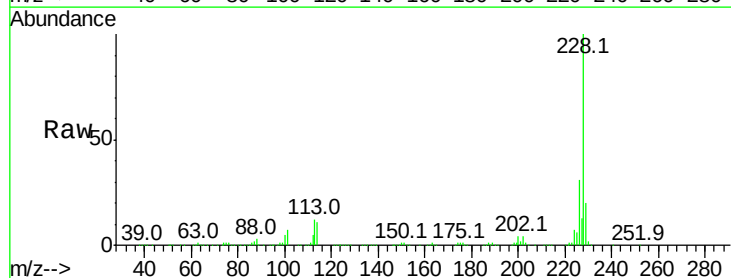
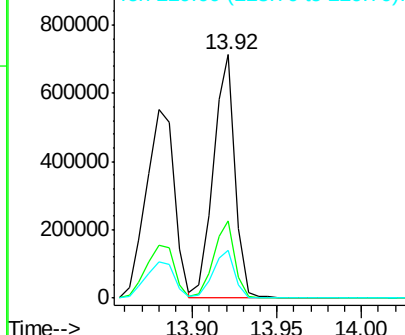
Delta R.T. -0.01 min

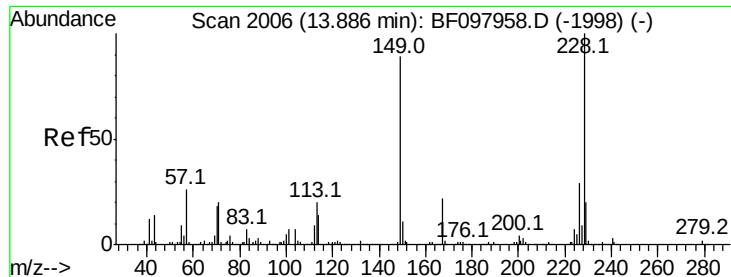
Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	228	Resp:	635791
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.9	37.3
229	19.8	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.443 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

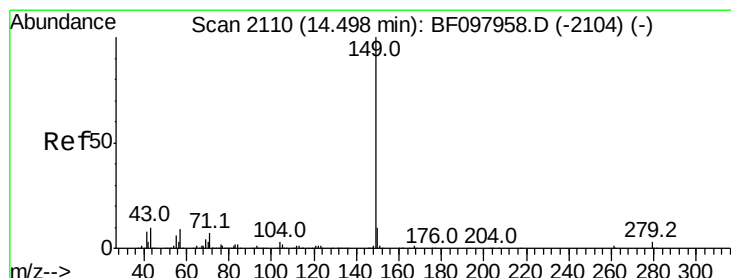
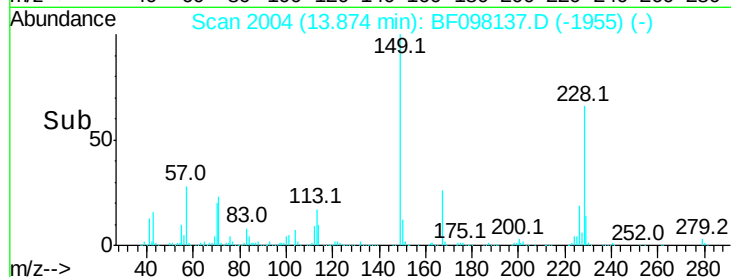
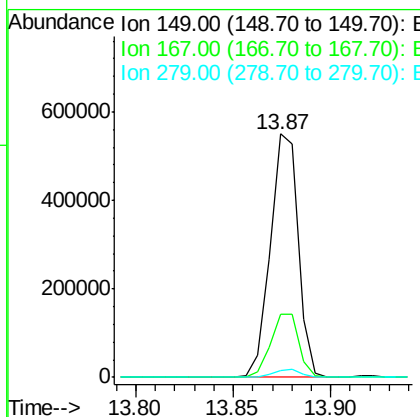
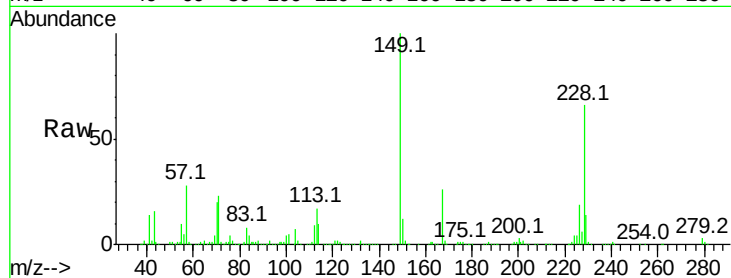
ClientSampleId :

SU-01-82517MS

Tot Ion:	149	Resp:	544141
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	3.0	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 57.061 ng

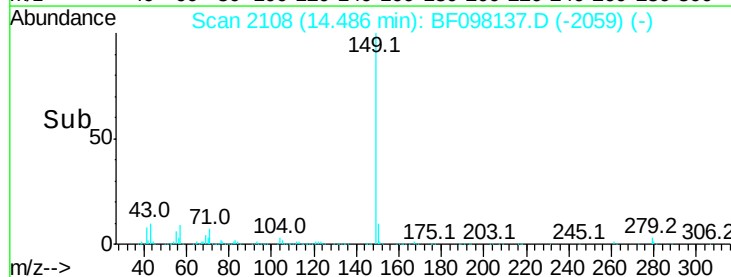
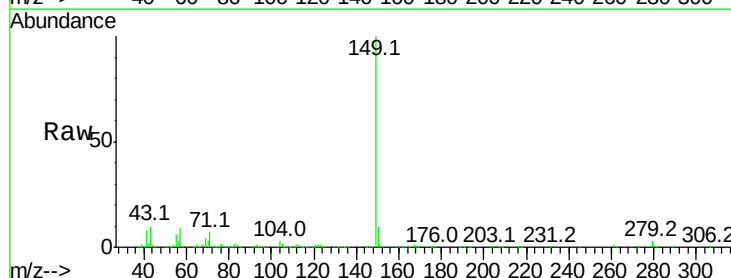
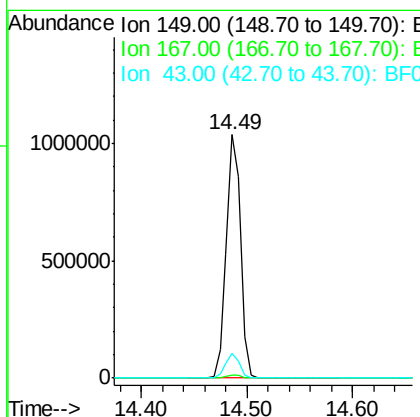
RT: 14.49 min Scan# 2108

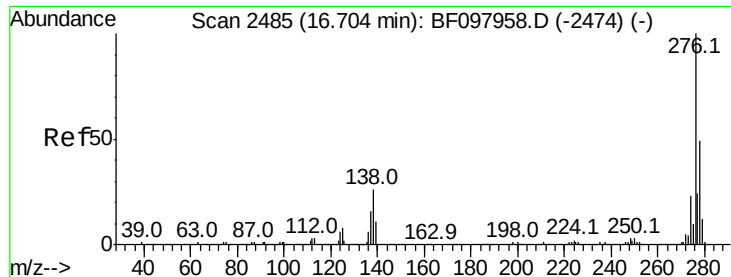
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	149	Resp:	974420
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.8	8.5	12.7





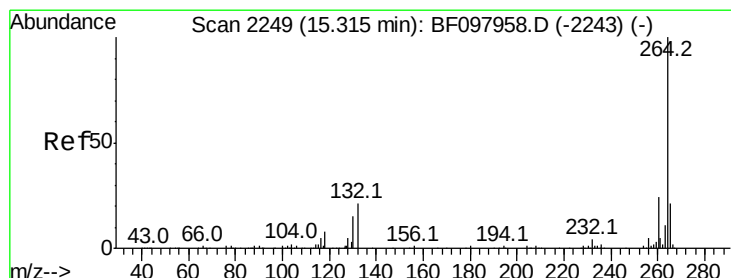
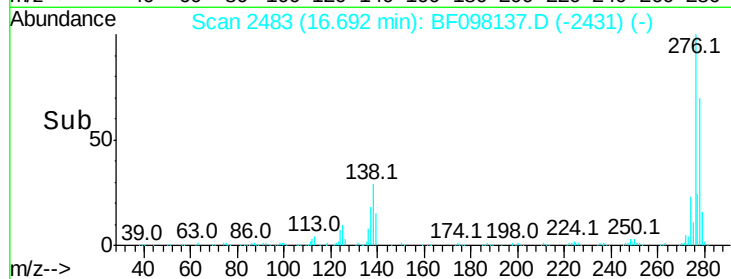
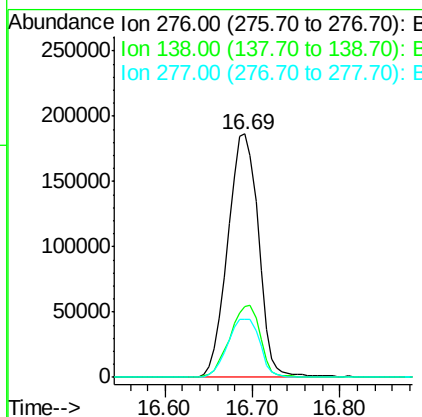
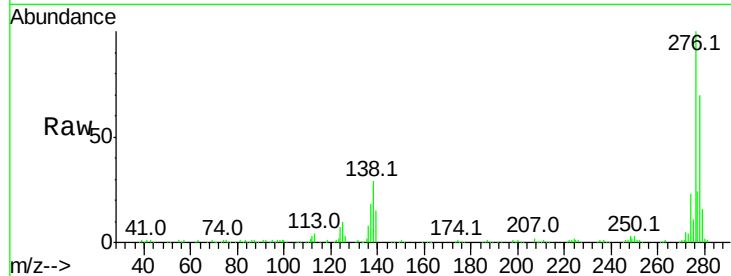
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.027 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion:	276	Resp:	446299
Ion Ratio	Lower	Upper	
276	100		
138	29.4	27.8	41.6
277	25.2	20.2	30.4

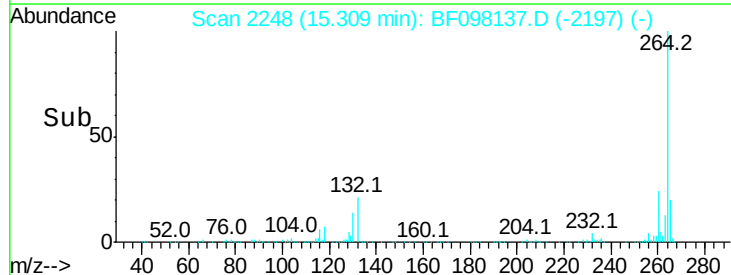
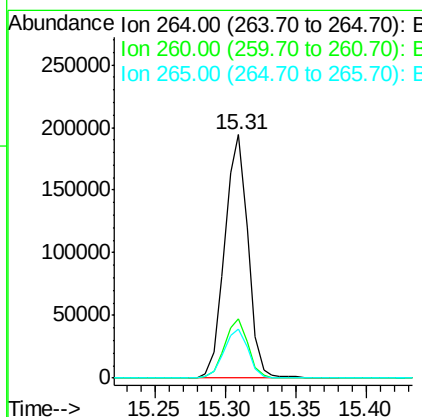
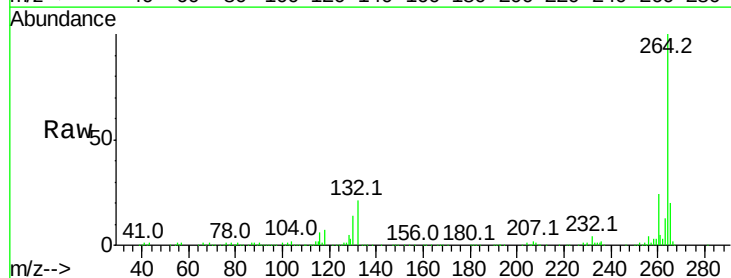
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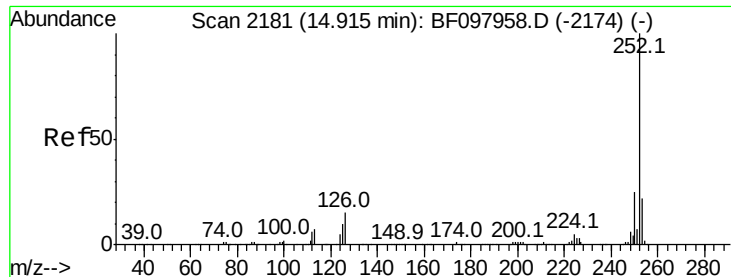
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Tgt Ion:	264	Resp:	222144
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	20.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.475 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Instrument :

BNA_F

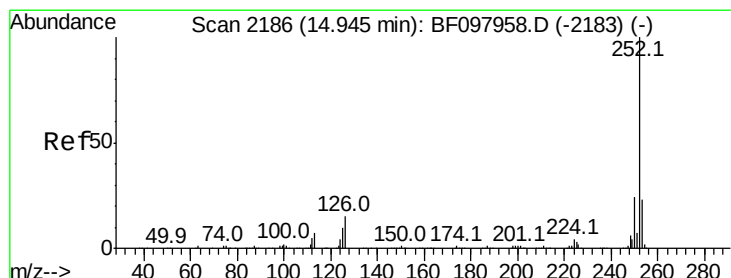
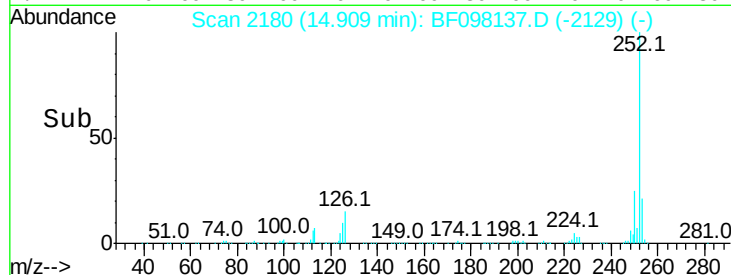
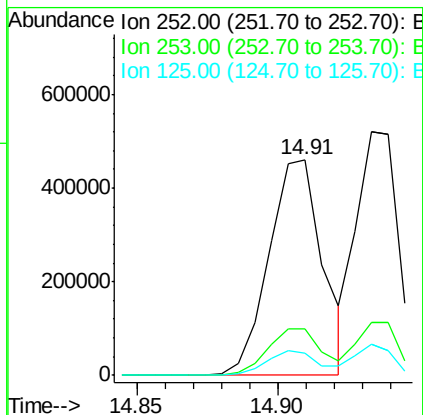
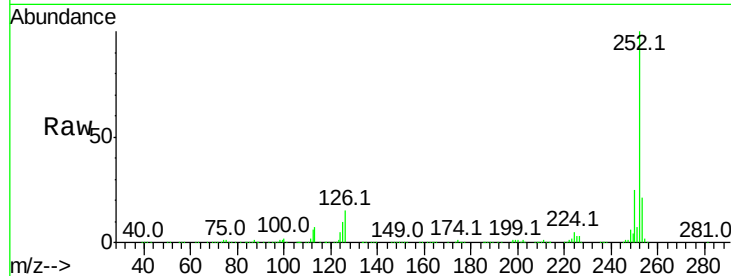
ClientSampleId :

SU-01-82517MS

Tot Ion:	252	Resp:	608750
Ion Ratio		Lower	Upper
252	100		
253	21.3	18.1	27.1
125	10.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 41.447 ng

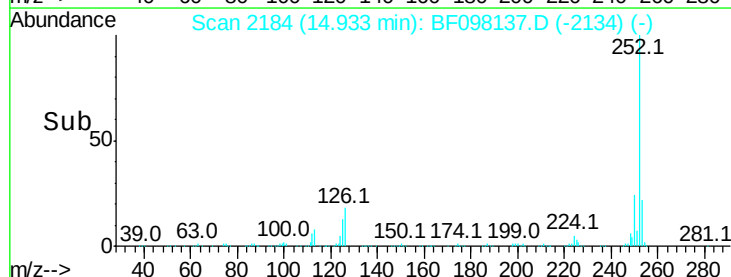
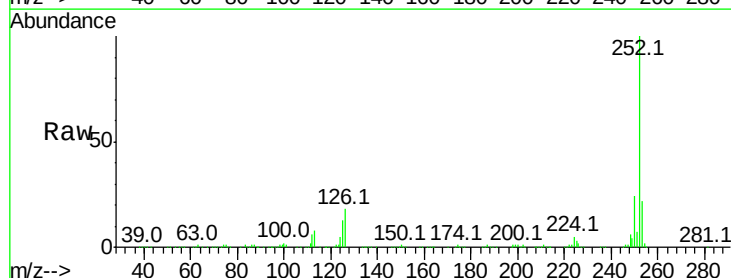
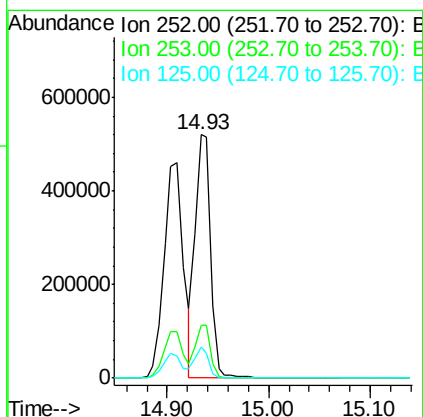
RT: 14.93 min Scan# 2184

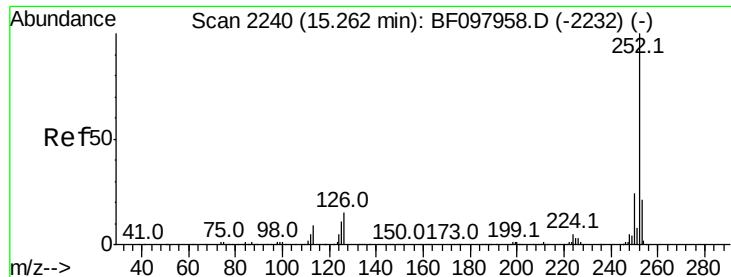
Delta R.T. -0.01 min

Lab File: BF098137.D

Acq: 30 Aug 2017 4:47

Tgt Ion:	252	Resp:	545253
Ion Ratio		Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.6	13.1	19.7#





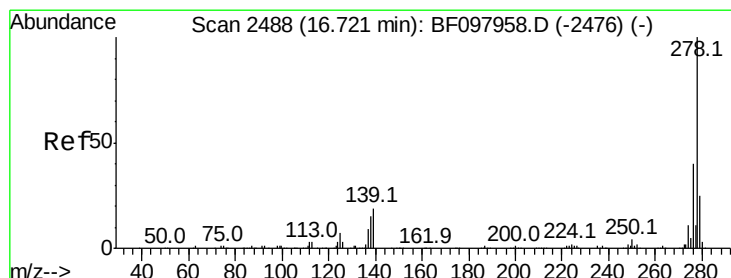
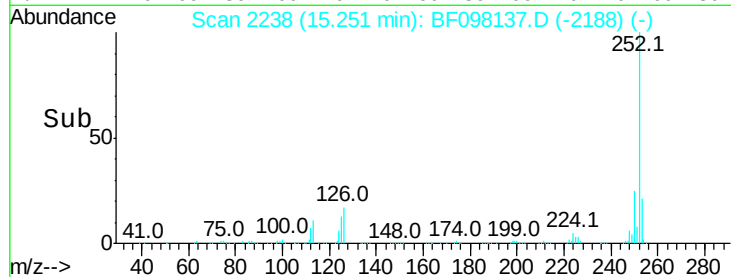
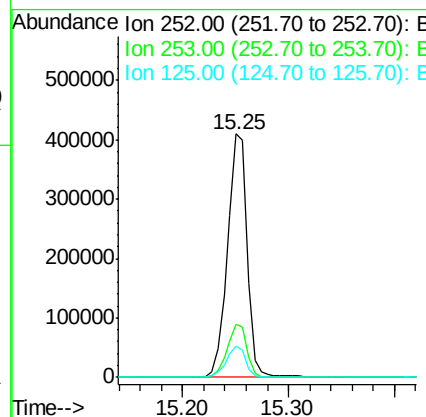
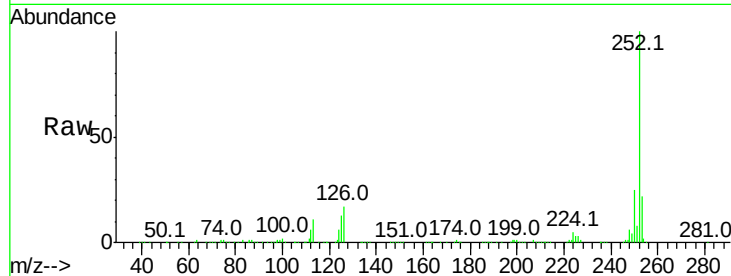
#89
Benzo(a)pyrene
Concen: 42.695 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Instrument :
BNA_F
ClientSampled :
SU-01-82517MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	12.9	11.0	16.4

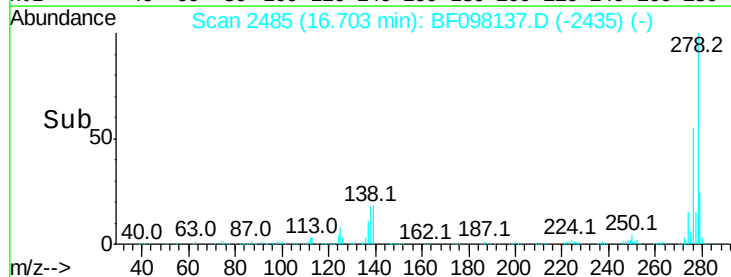
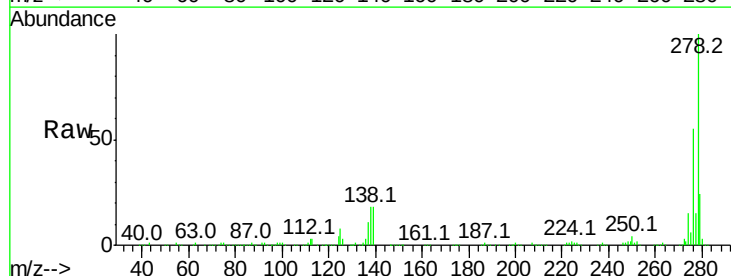
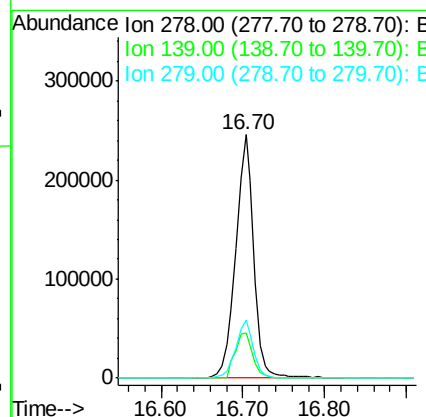
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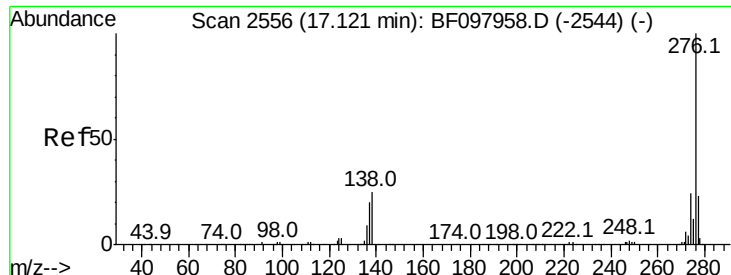
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#90
Dibenzo(a,h)anthracene
Concen: 37.510 ng
RT: 16.70 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF098137.D
Acq: 30 Aug 2017 4:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 33.883 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BF098137.D
 Acq: 30 Aug 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MS

Tot Ion:	276	Resp:	356790
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.6	28.0
138	25.7	25.4	38.0

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