

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098138.D
 Acq On : 30 Aug 2017 5:15
 Operator : SJ/JU
 Sample : I4986-03MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Manual Integrations
 APPROVED

Sohil
 8/30/2017 6:45:17 PM

Quant Time: Aug 30 08:05:03 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	124676	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	479561	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	200569	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	322739	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	250090	20.00	ng	0.00
86) Perylene-d12	15.30	264	205039	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	817895	99.78	ng	0.00
7) Phenol-d6	6.38	99	1114582	100.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	759362	86.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	198271	113.93	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1127453	82.59	ng	-0.01
78) Terphenyl-d14	12.84	244	785508	65.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	119937	26.238	ng	# 76
3) Pyridine	3.20	79	246345	19.494	ng	86
4) n-Nitrosodimethylamine	3.15	42	138258	28.434	ng	# 74
6) Aniline	6.40	93	245949	15.721	ng	# 78
8) 2-Chlorophenol	6.52	128	302467	34.991	ng	95
9) Benzaldehyde	6.28	77	89225	12.649	ng	85
10) Phenol	6.39	94	392659	30.146	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	343997	34.992	ng	97
12) 1,3-Dichlorobenzene	6.67	146	271480	29.197	ng	# 93
13) 1,4-Dichlorobenzene	6.75	146	279939	29.603	ng	# 93
14) 1,2-Dichlorobenzene	6.90	146	262661	30.123	ng	98
15) Benzyl Alcohol	6.88	79	301744	36.189	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	442797	33.477	ng	89
17) 2-Methylphenol	7.00	107	277810	36.469	ng	96
18) Hexachloroethane	7.25	117	103479	27.910	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	259184	33.997	ng	90
20) 3+4-Methylphenols	7.15	107	332235	35.708	ng	92
22) Acetophenone	7.15	105	451921	35.672	ng	# 90
24) Nitrobenzene	7.32	77	386572	39.329	ng	93
25) Isophorone	7.56	82	707723	38.555	ng	97
26) 2-Nitrophenol	7.64	139	149378	42.611	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	289171	37.773	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	460618	38.169	ng	98
29) 2,4-Dichlorophenol	7.88	162	243222	38.274	ng	91
30) 1,2,4-Trichlorobenzene	7.96	180	238513	33.857	ng	100
31) Naphthalene	8.05	128	862414	34.640	ng	99
32) Benzoic acid	7.80	122	147032	29.248	ng	89
33) 4-Chloroaniline	8.09	127	127613	12.154	ng	98
34) Hexachlorobutadiene	8.16	225	137466	33.421	ng	98
35) Caprolactam	8.46	113	77335m	35.797	ng	
36) 4-Chloro-3-methylphenol	8.58	107	290292	35.555	ng	# 79
37) 2-Methylnaphthalene	8.73	142	573662	37.583	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	231806	37.659	ng	99
40) Hexachlorocyclopentadiene	8.88	237	94726	32.033	ng	99

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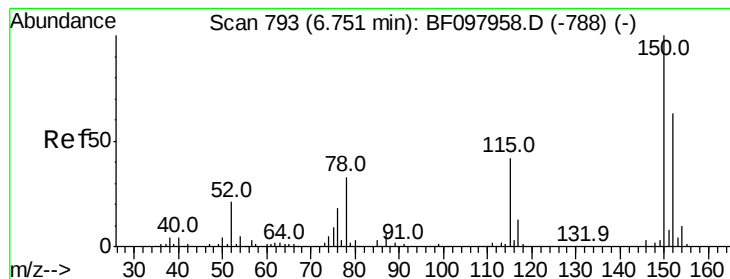
Manual Integrations
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Quant Time: Aug 30 08:05:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	157060	38.005	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	161327	39.350	nq	96
45) 1,1'-Biphenyl	9.20	154	676289	36.976	nq	97
46) 2-Chloronaphthalene	9.22	162	486018	35.964	nq #	92
47) 2-Nitroaniline	9.32	65	189060	41.731	nq	98
48) Acenaphthylene	9.63	152	777375	36.631	nq	99
49) Dimethylphthalate	9.50	163	616240	42.033	nq	98
50) 2,6-Dinitrotoluene	9.56	165	122442	41.839	nq #	63
51) Acenaphthene	9.80	154	456279	34.090	nq	98
52) 3-Nitroaniline	9.73	138	110840	29.356	nq	83
53) 2,4-Dinitrophenol	9.84	184	41077	35.909	nq #	78
54) Dibenzofuran	9.98	168	689117	38.416	nq	98
55) 4-Nitrophenol	9.90	139	161438	53.599	nq #	42
56) 2,4-Dinitrotoluene	9.97	165	151171	41.162	nq #	66
57) Fluorene	10.32	166	494230	35.636	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	122169	38.488	nq	93
59) Diethylphthalate	10.20	149	615912	40.173	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	245688	38.133	nq #	84
61) 4-Nitroaniline	10.35	138	125658	35.016	nq	80
62) Azobenzene	10.47	77	683445	37.528	nq	93
64) 4,6-Dinitro-2-methylphenol	10.37	198	30067	24.664	nq #	78
65) n-Nitrosodiphenylamine	10.43	169	468423	42.622	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	142528	42.527	nq	92
67) Hexachlorobenzene	10.87	284	130789	38.287	nq #	88
68) Atrazine	10.96	200	106576	36.566	nq	98
69) Pentachlorophenol	11.06	266	128598	64.566	nq	97
70) Phenanthrene	11.28	178	654984	38.085	nq	99
71) Anthracene	11.33	178	666631	38.217	nq	99
72) Carbazole	11.49	167	598643	36.156	nq	99
73) Di-n-butylphthalate	11.82	149	875444	45.903	nq	99
74) Fluoranthene	12.46	202	635623	35.410	nq	98
76) Benzidine	12.59	184	94881m	11.571	nq	
77) Pyrene	12.69	202	661595	32.345	nq	98
79) Butylbenzylphthalate	13.32	149	320192	40.829	nq #	73
80) Benzo(a)anthracene	13.88	228	535643	35.736	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	181192	35.824	nq #	96
82) Chrysene	13.92	228	549332	36.842	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	449089	51.678	nq	99
84) Di-n-octyl phthalate	14.49	149	804846	53.229	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	400736	36.534	nq	93
87) Benzo(b)fluoranthene	14.90	252	489674	37.888	nq	97
88) Benzo(k)fluoranthene	14.93	252	489050	40.276	nq #	94
89) Benzo(a)pyrene	15.25	252	452079	39.512	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	334434	35.904	nq	97
91) Benzo(g,h,i)perylene	17.10	276	322583	33.190	nq #	91

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



#1

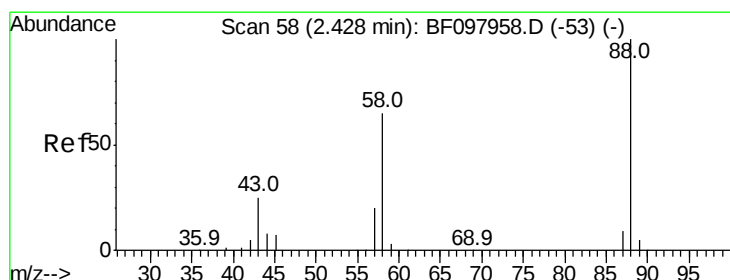
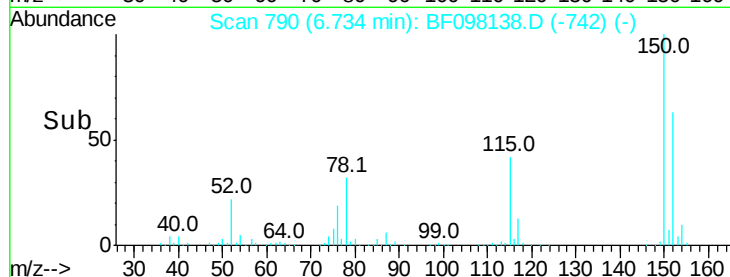
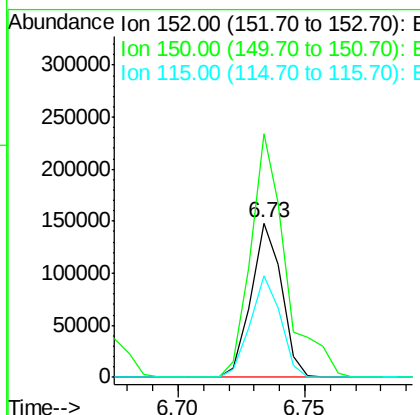
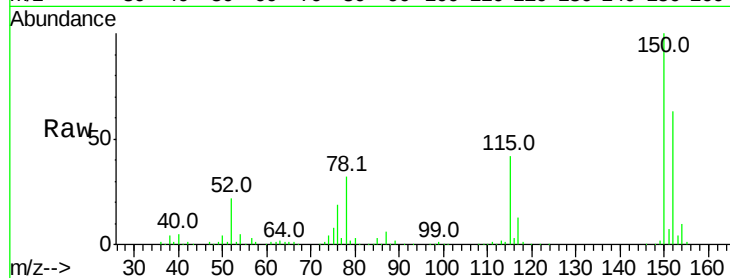
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	65.6	52.2	78.2

Manual Integrations
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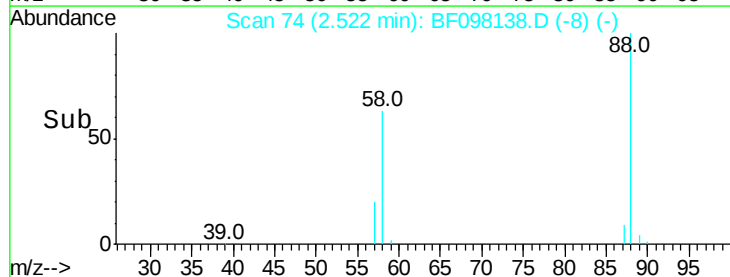
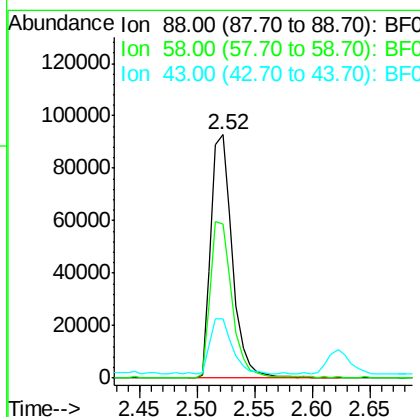
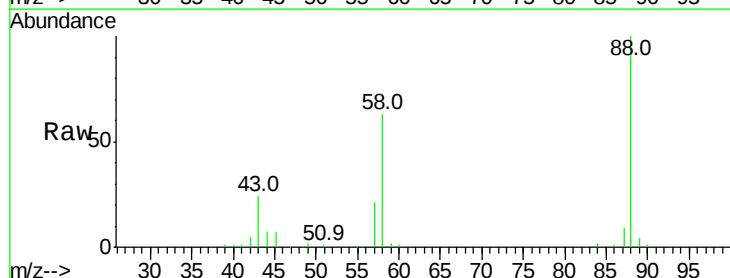
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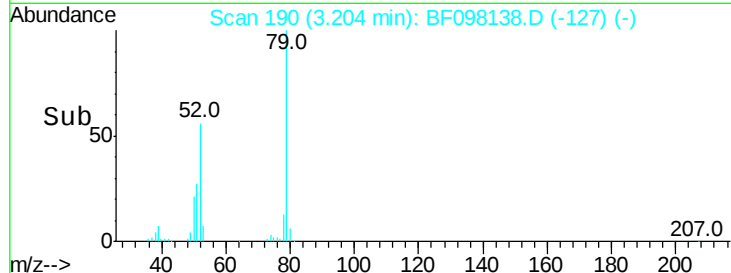
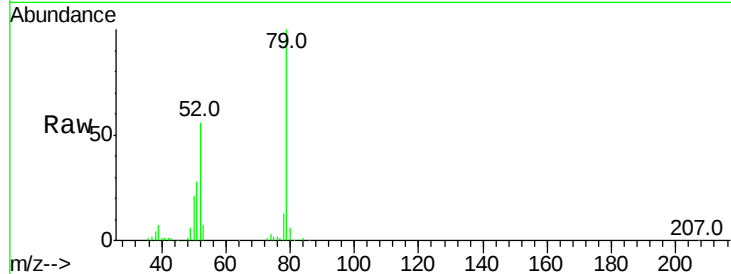
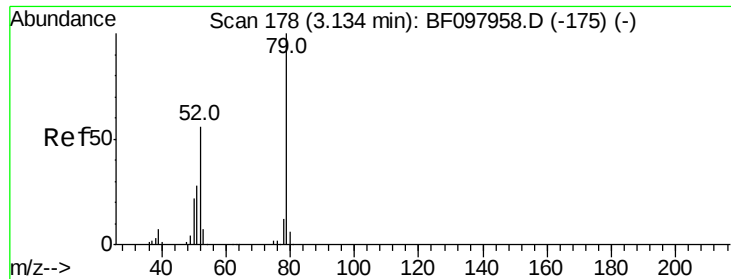


#2

1,4-Dioxane
Concen: 26.238 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.09 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	61.4	92.0
43	0.0	23.4	35.0





#3

Pvridine

Concen: 19.494 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.07 min

Lab File: BF098138.D

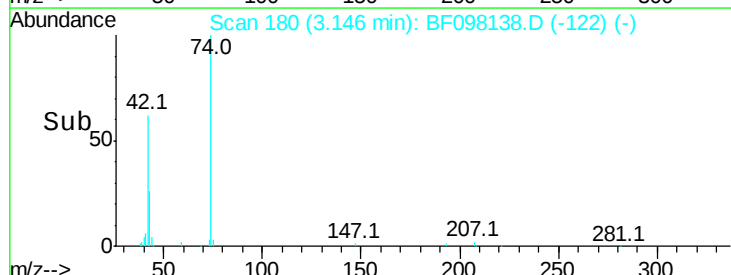
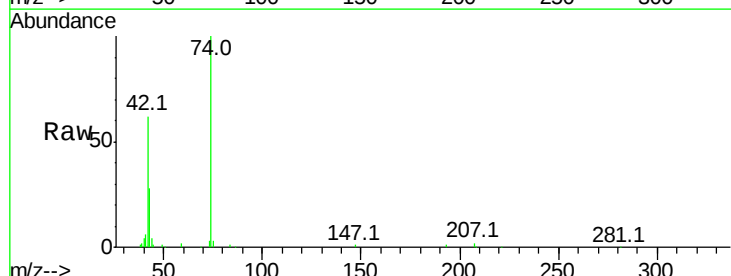
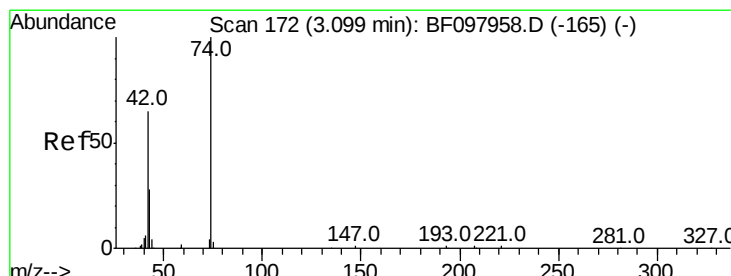
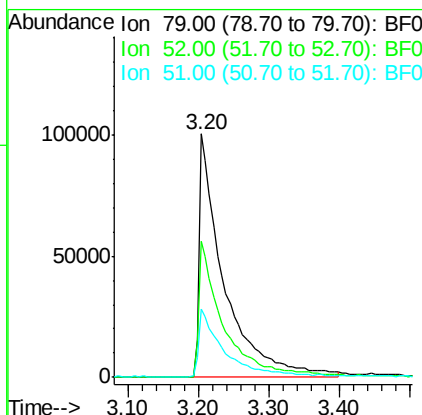
Acq: 30 Aug 2017 5:15

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.8	54.8	82.2
51	27.9	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

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#4

n-Nitrosodimethylamine

Concen: 28.434 ng

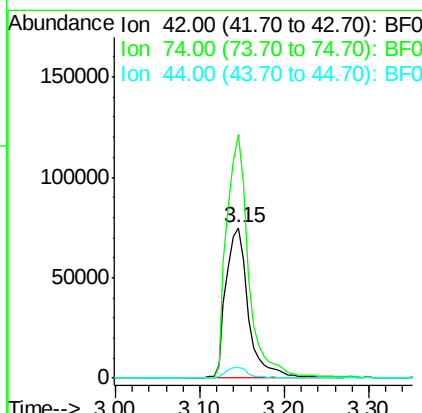
RT: 3.15 min Scan# 180

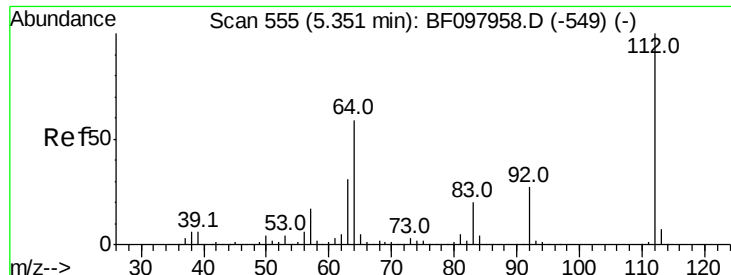
Delta R.T. 0.04 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.7	103.9	155.9#
44	6.7	5.7	8.5





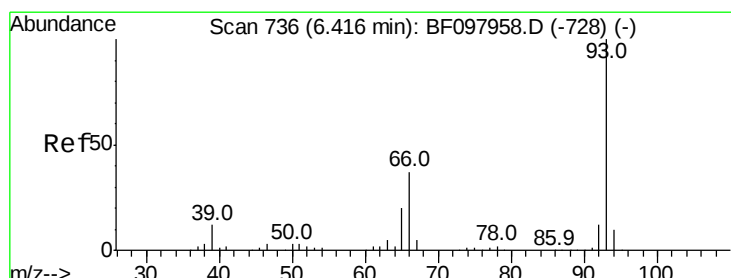
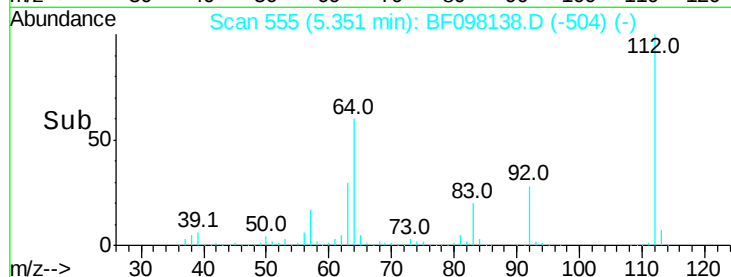
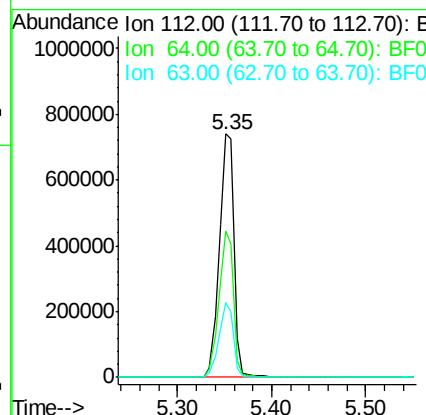
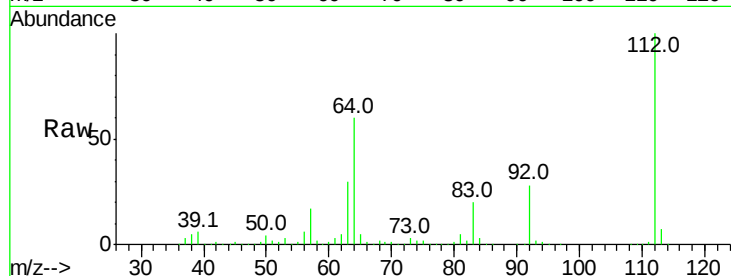
#5
2-Fluorophenol
Concen: 99.785 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	60.1	46.0	69.0
63	30.4	23.4	35.0

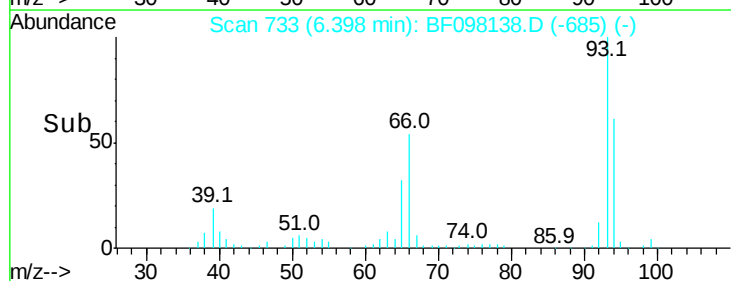
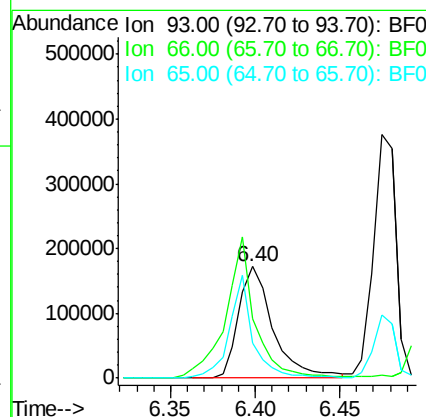
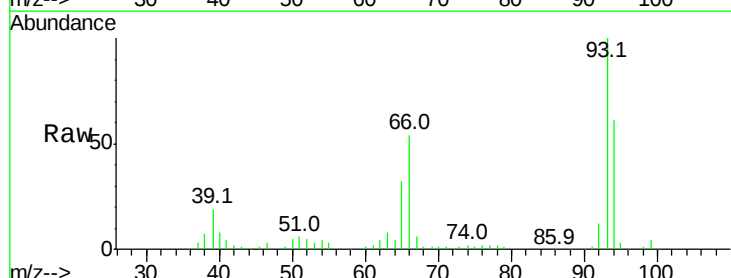
Manual Integrations
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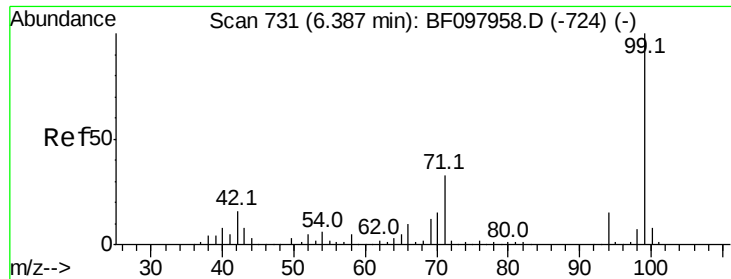
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8/30/2017 6:45:17 PM



#6
Aniline
Concen: 15.721 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	53.7	32.9	49.3#
65	31.6	16.0	24.0#





#7

Phenol-d6

Concen: 100.081 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

SU-01-82517MSD

Tot Ion: 99 Resp: 1114582

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

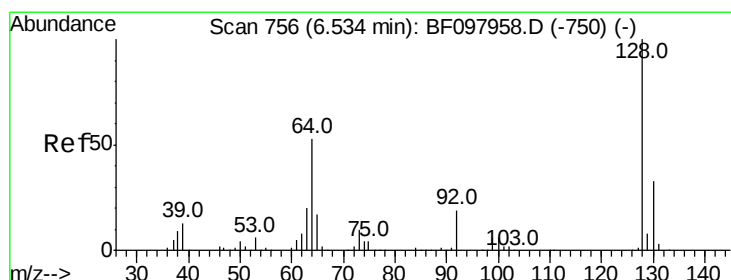
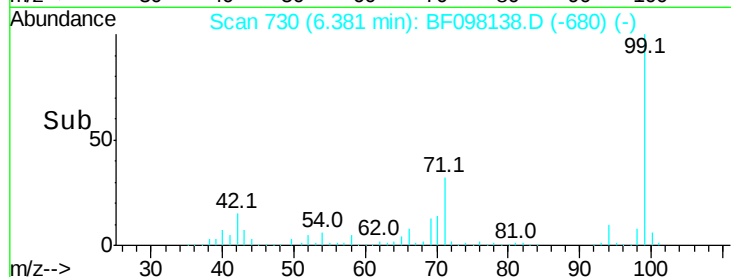
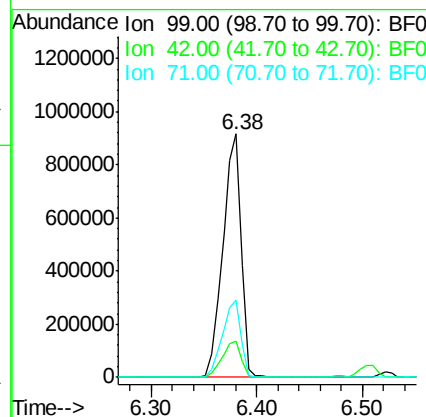
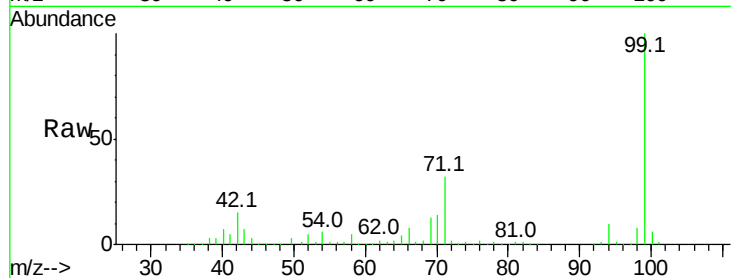
71 31.7 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.991 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

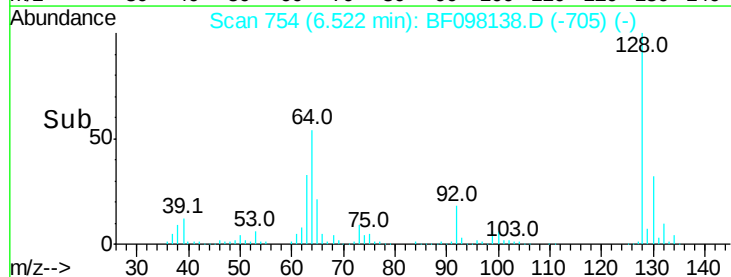
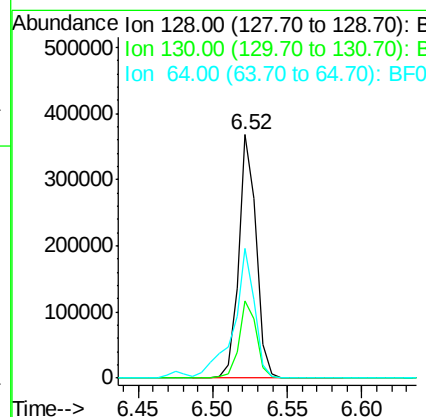
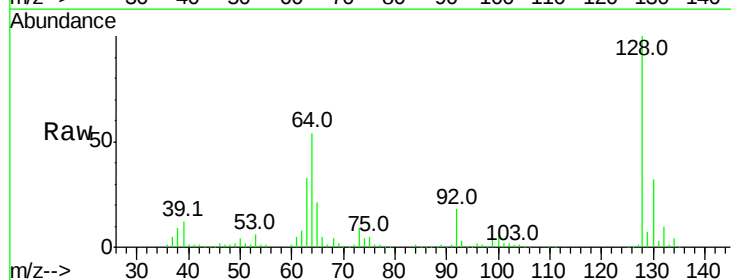
Tgt Ion: 128 Resp: 302467

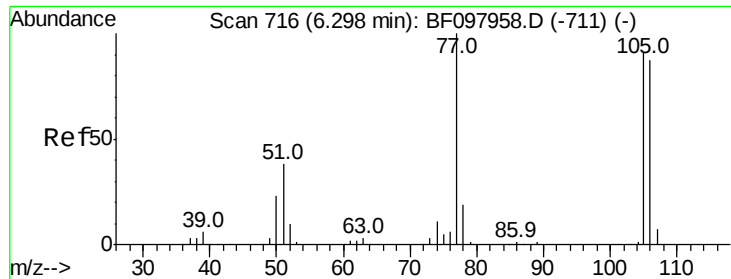
Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

64 53.5 28.4 68.4





#9

Benzaldehyde

Concen: 12.649 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

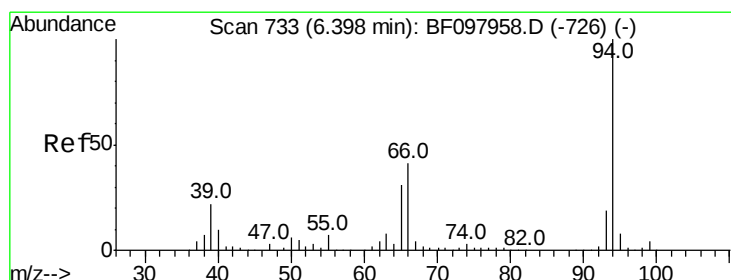
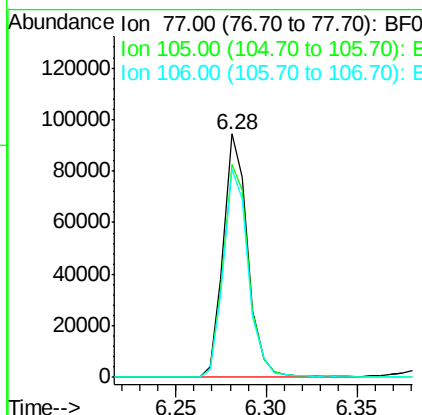
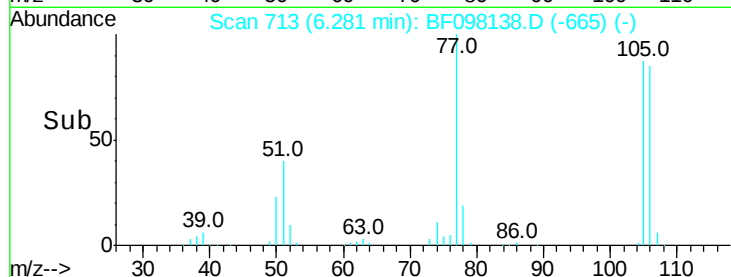
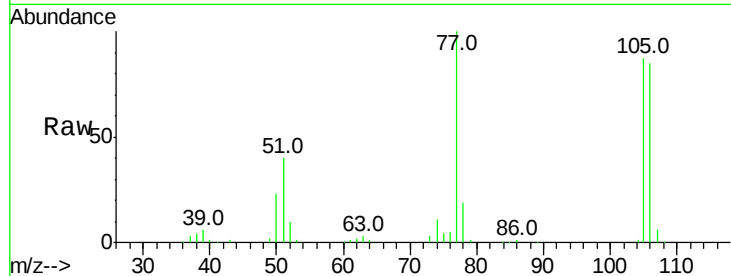
ClientSampleId :

SU-01-82517MSD

Tot Ion:	77	Resp:	89225
Ion Ratio	Lower	Upper	
77	100		
105	87.2	83.8	123.8
106	85.1	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 30.146 ng

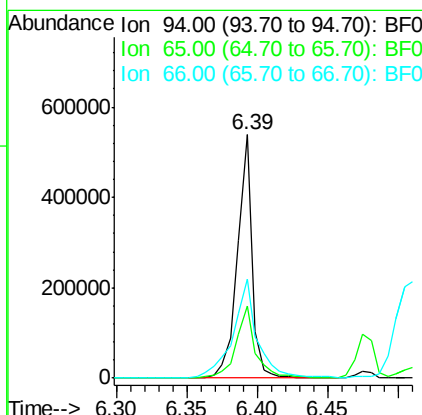
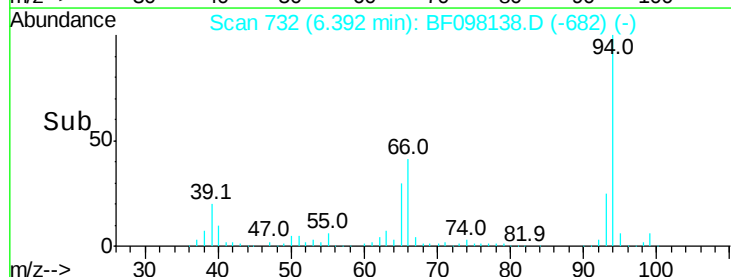
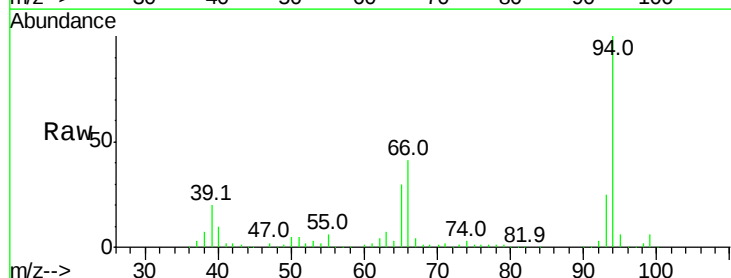
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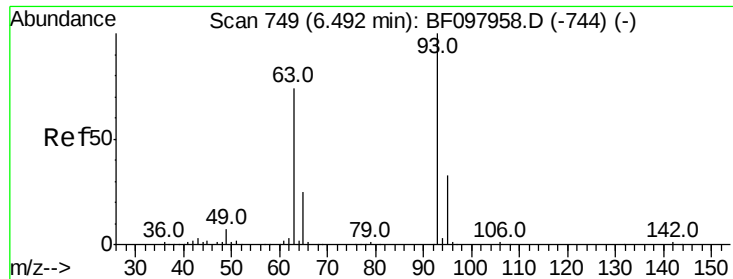
Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	94	Resp:	392659
Ion Ratio	Lower	Upper	
94	100		
65	29.6	9.9	49.9
66	40.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 34.992 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

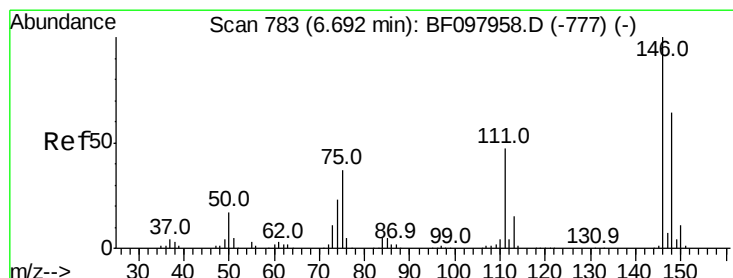
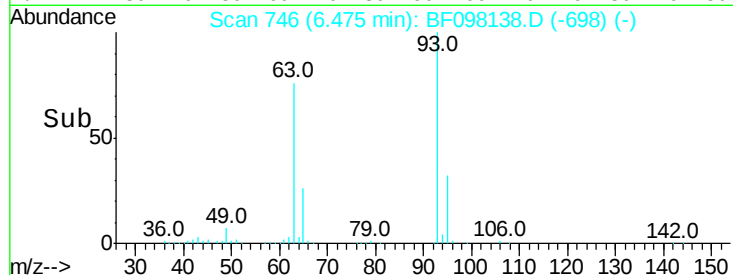
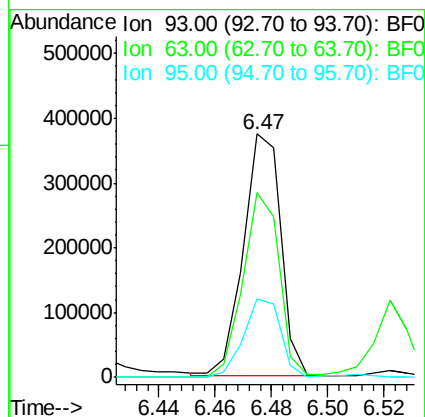
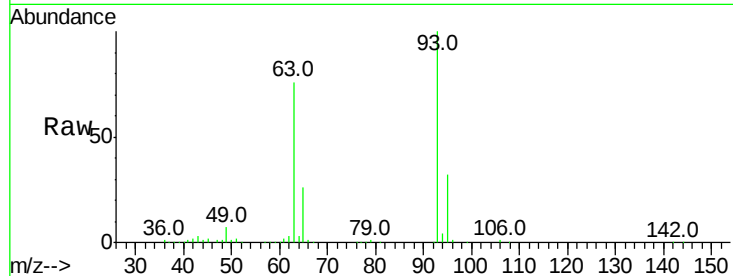
ClientSampleId :

SU-01-82517MSD

Tot Ion:	93	Resp:	343997
Ion Ratio	Lower	Upper	
93	100		
63	75.7	59.2	99.2
95	32.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 29.197 ng

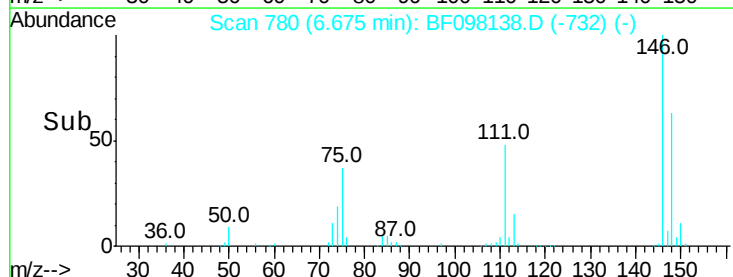
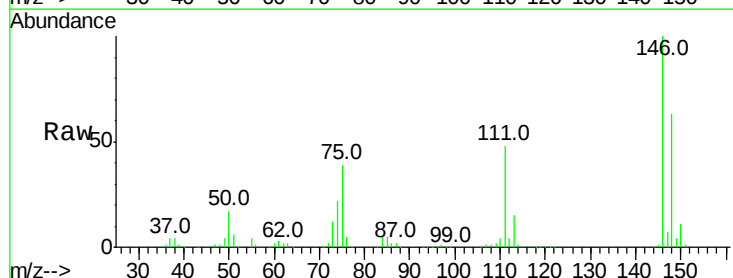
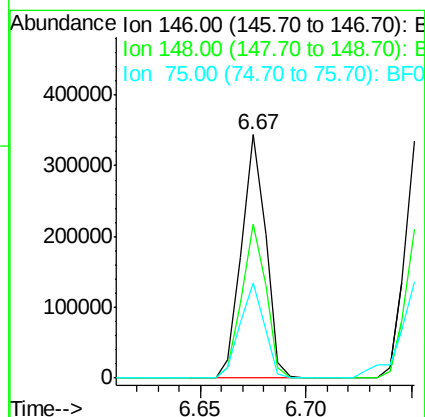
RT: 6.67 min Scan# 780

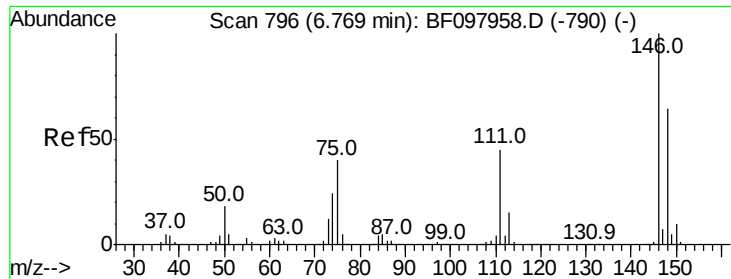
Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	146	Resp:	271480
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.6
75	39.0	23.1	34.7#





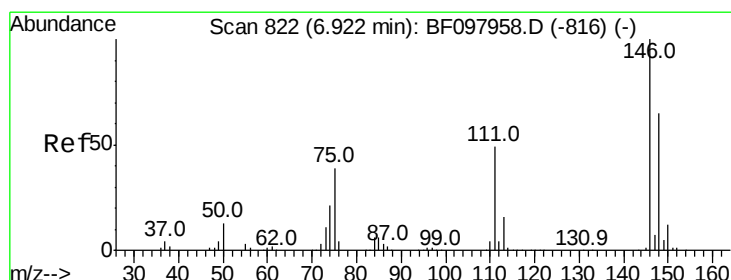
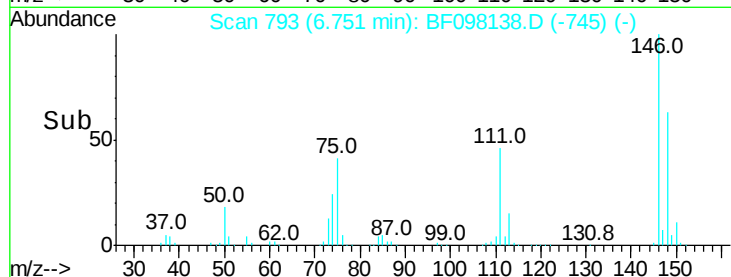
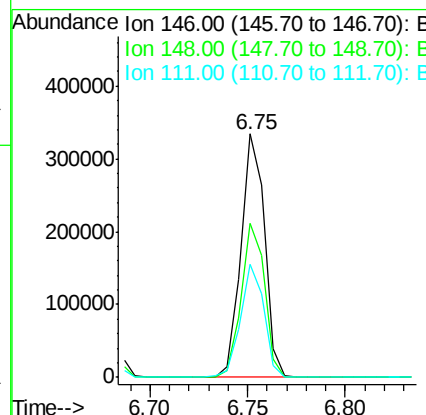
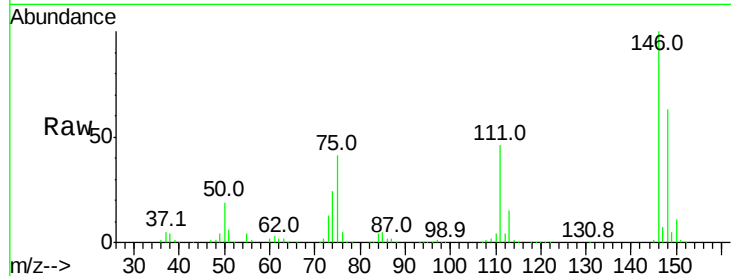
#13
 1,4-Dichlorobenzene
 Concen: 29.603 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	46.4	30.3	45.5#

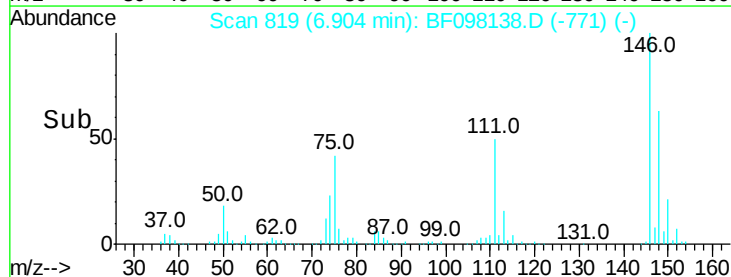
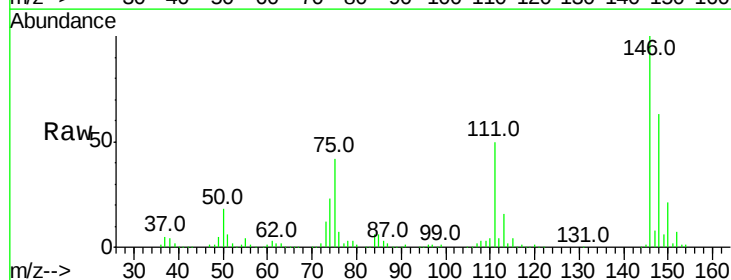
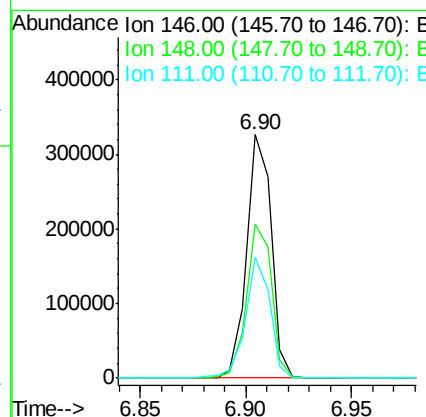
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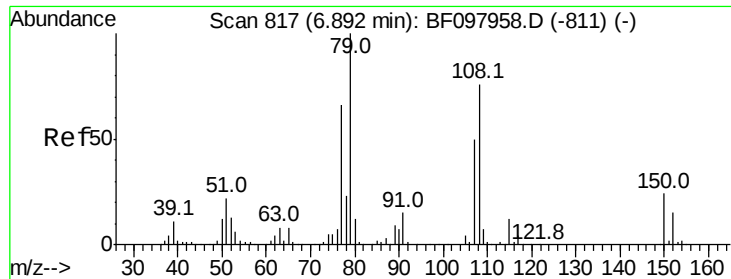
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#14
 1,2-Dichlorobenzene
 Concen: 30.123 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	49.8	38.2	57.4





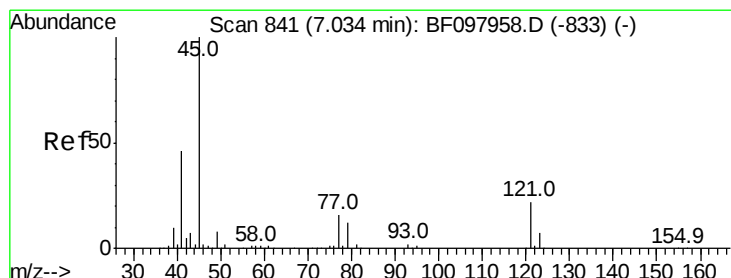
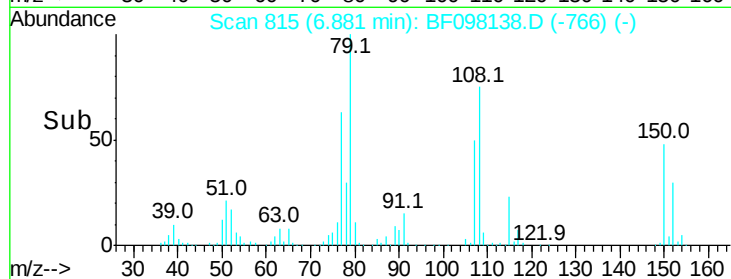
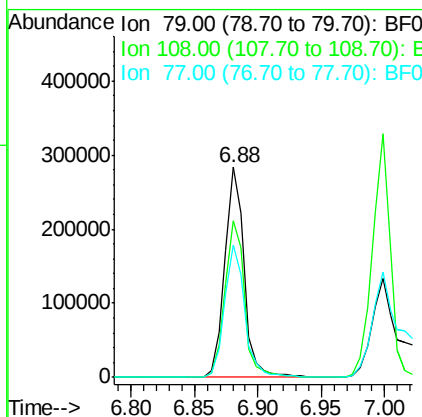
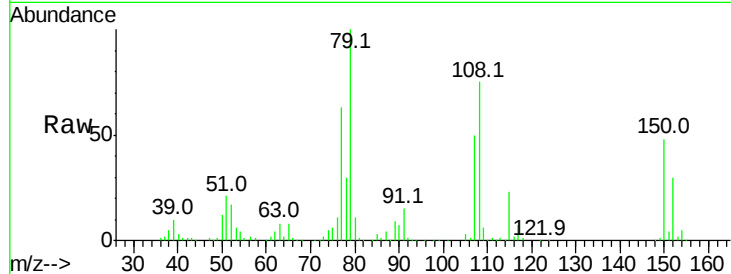
#15
Benzyl Alcohol
Concen: 36.189 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	63.4	95.0
77	62.6	49.2	73.8

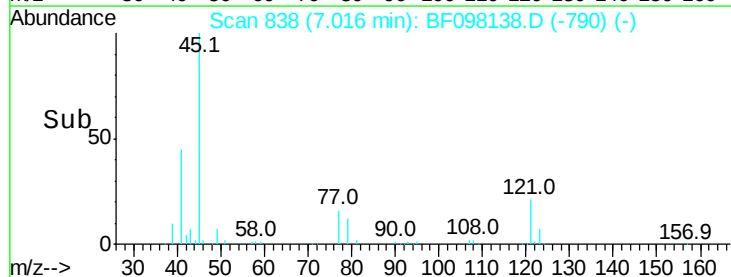
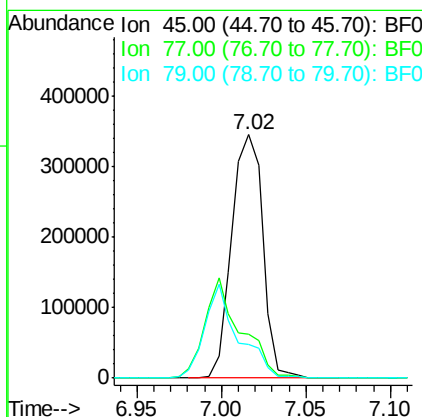
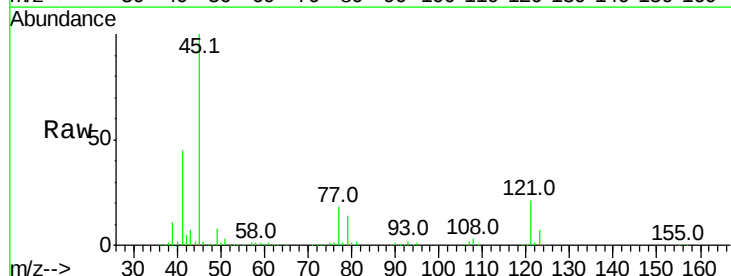
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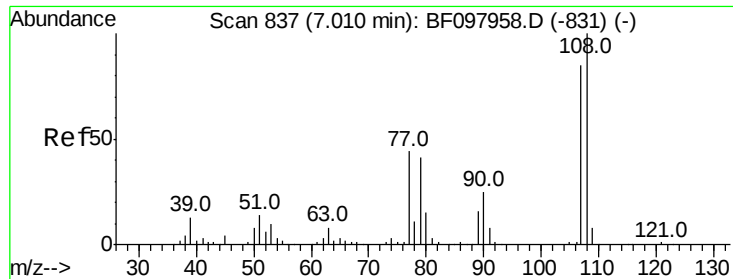
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.477 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	33.2
79	13.8	0.0	30.0





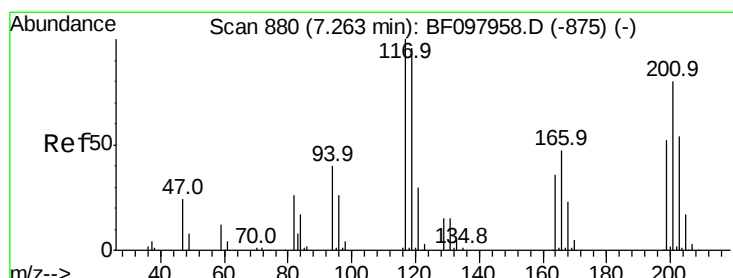
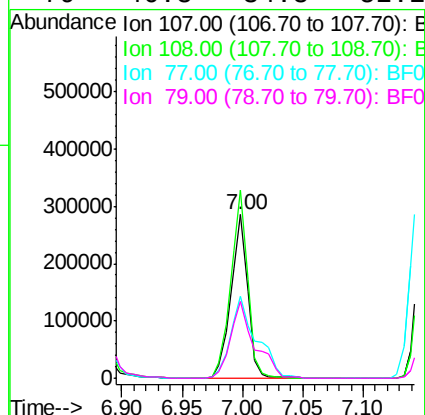
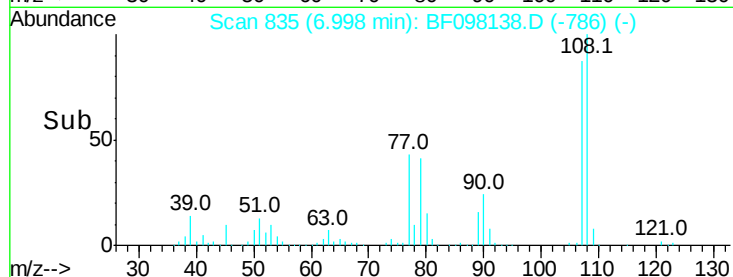
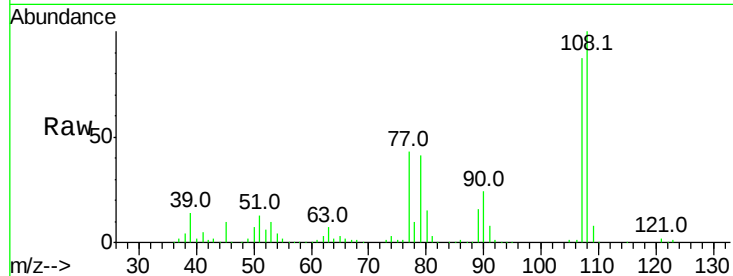
#17
2-Methylphenol
Concen: 36.469 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	277810		
108	115.3	93.4	140.0	
77	49.9	35.8	53.6	
79	46.8	34.8	52.2	

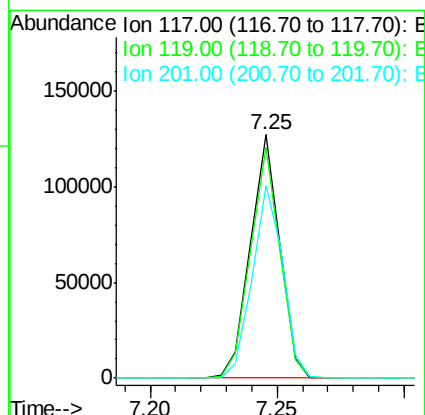
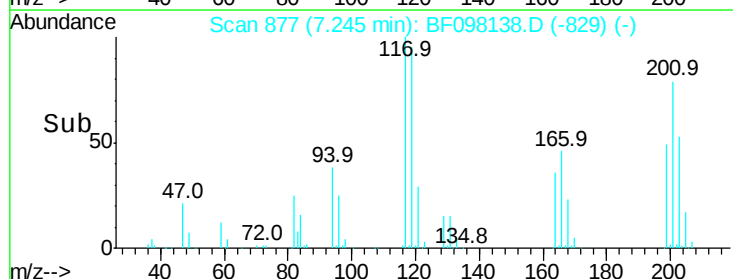
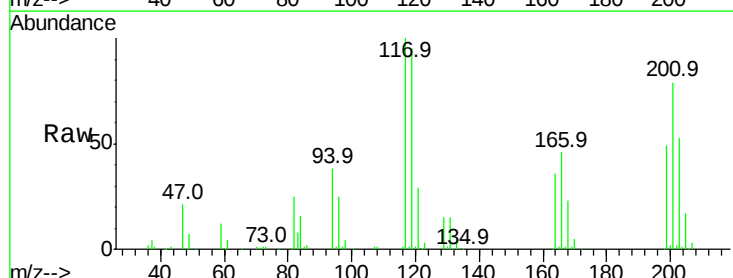
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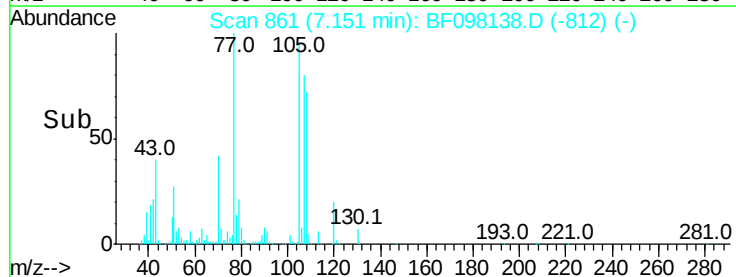
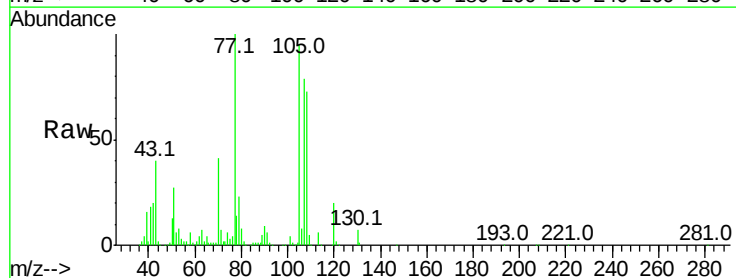
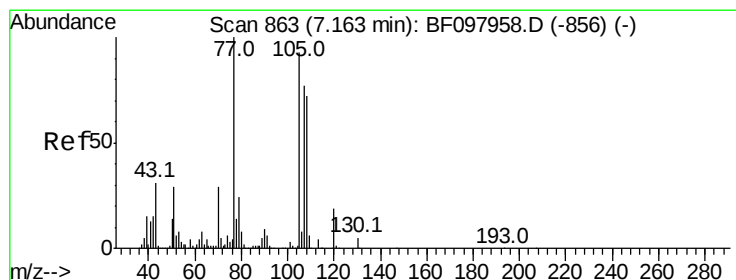
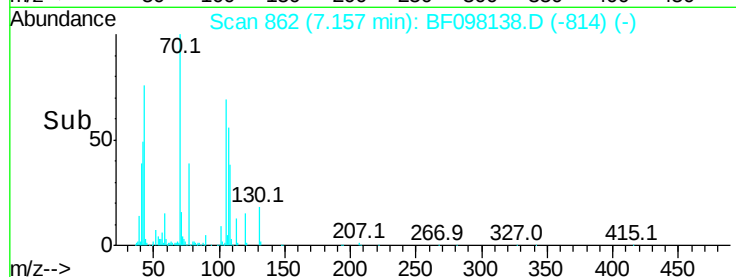
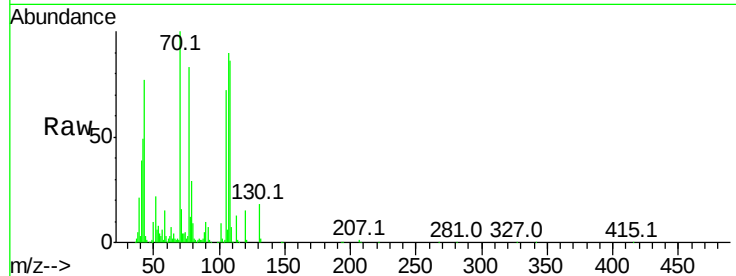
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#18
Hexachloroethane
Concen: 27.910 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	103479		
119	94.7	77.4	116.0	
201	79.2	94.6	141.8#	





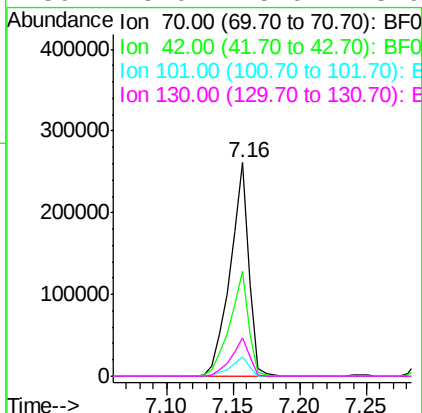
#19
n-Nitroso-di-n-propylamine
Concen: 33.997 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.9	47.2	70.8		
101	8.7	7.2	10.8		
130	18.0	15.9	23.9		

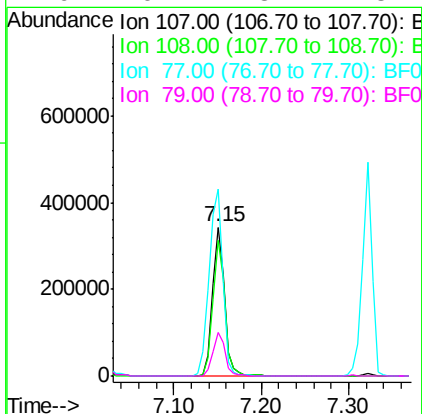
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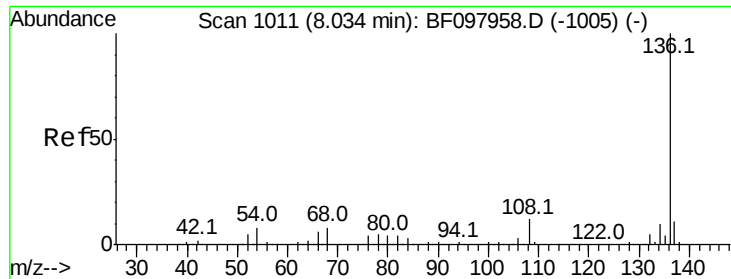
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#20
3+4-Methylphenols
Concen: 35.708 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6	71.0	111.0		
77	126.1	90.5	130.5		
79	29.4	8.4	48.4		





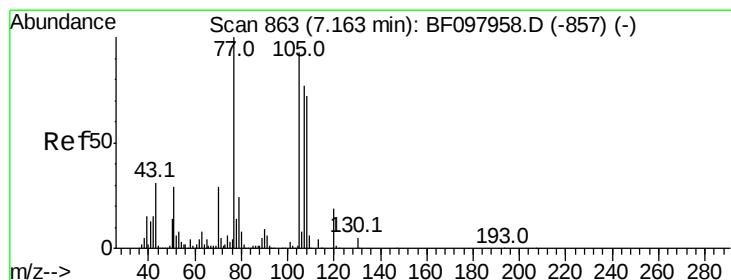
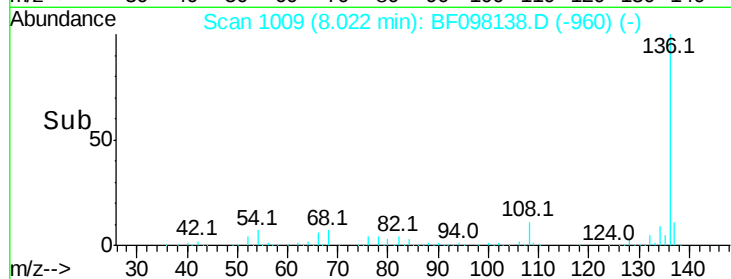
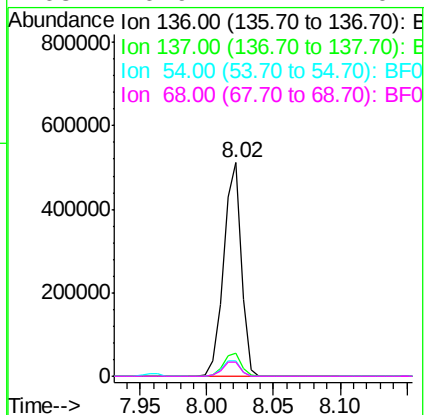
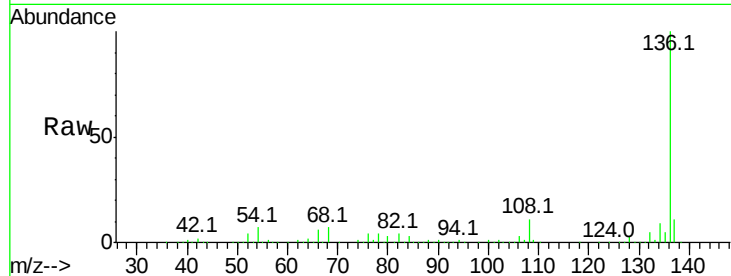
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	7.2	4.9	7.3	
68	6.9	4.1	6.1	

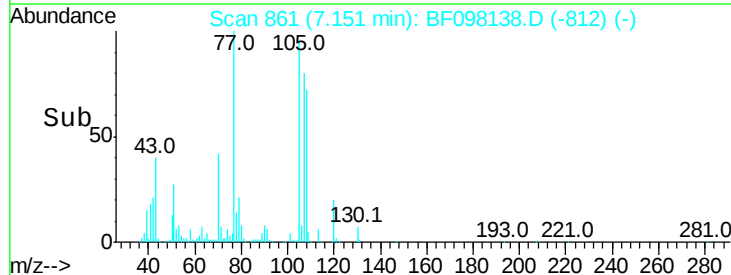
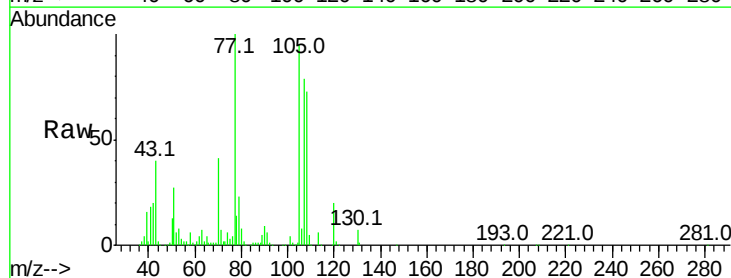
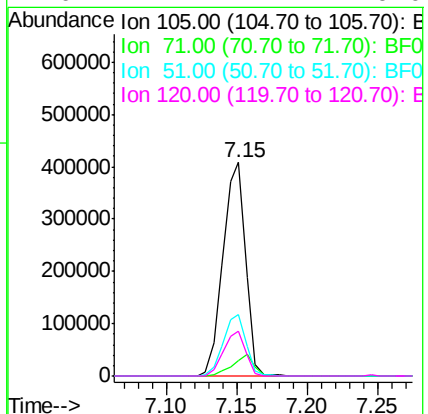
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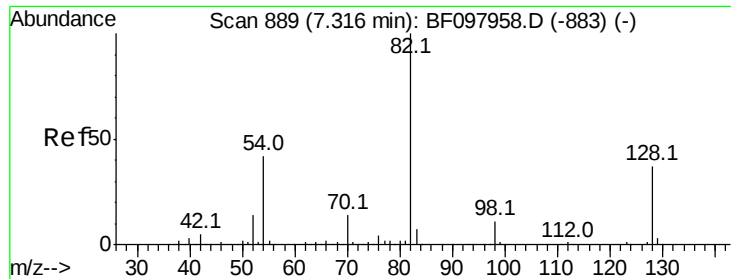
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#22
Acetophenone
Concen: 35.672 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	2.8	4.2	
51	29.1	30.7	46.1	
120	21.1	17.4	26.0	





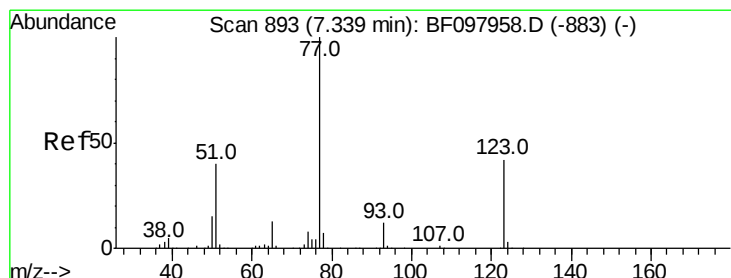
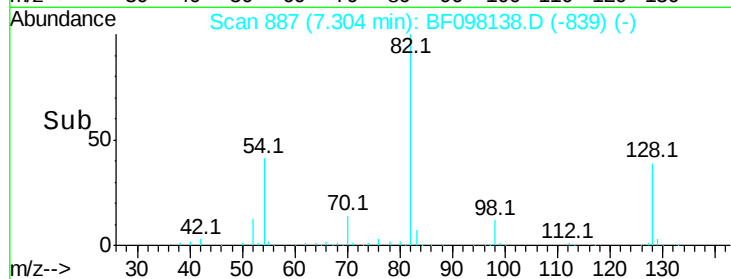
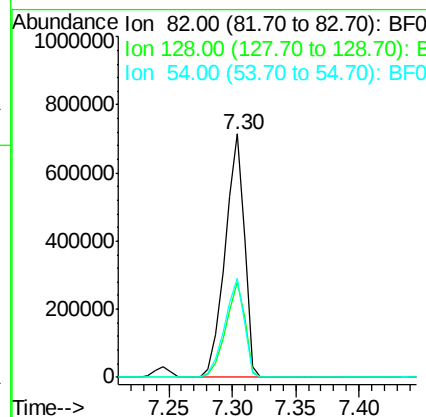
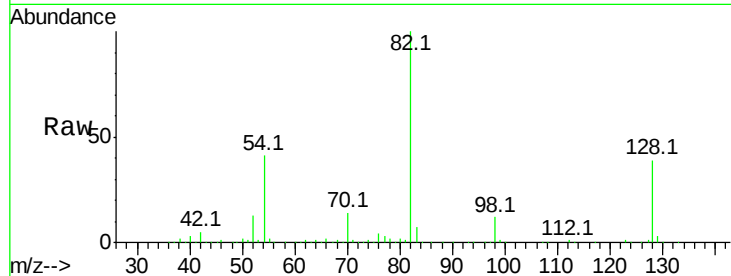
#23
 Nitrobenzene-d5
 Concen: 86.020 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.0	34.0	51.0	
54	40.8	42.2	63.2	

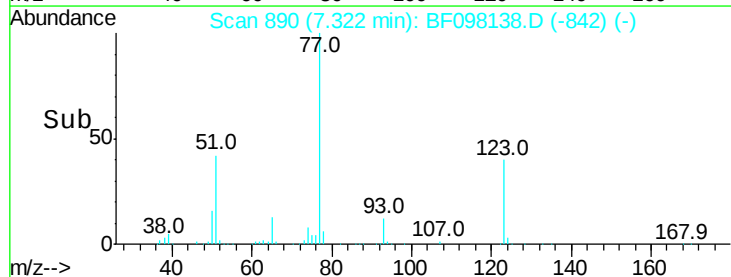
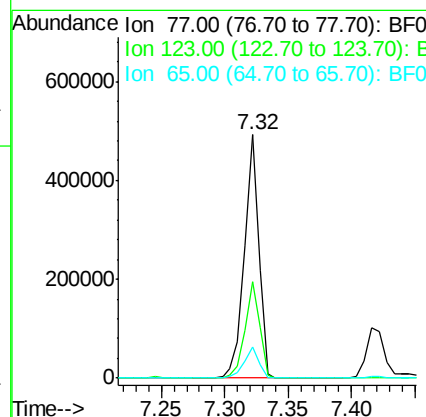
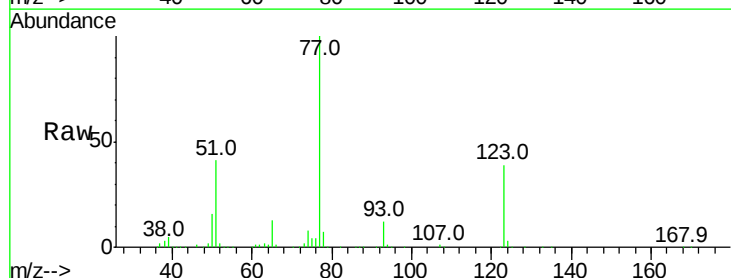
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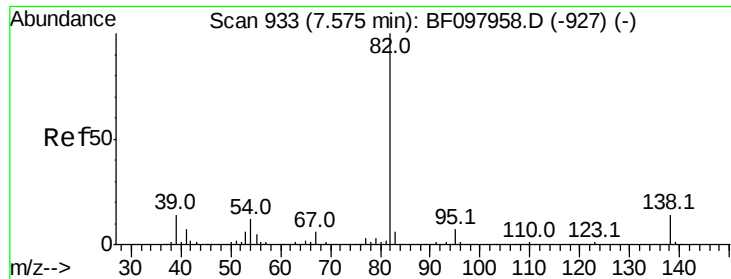
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#24
 Nitrobenzene
 Concen: 39.329 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.4	35.8	53.8	
65	12.9	10.6	15.8	





#25

Isophorone

Concen: 38.555 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

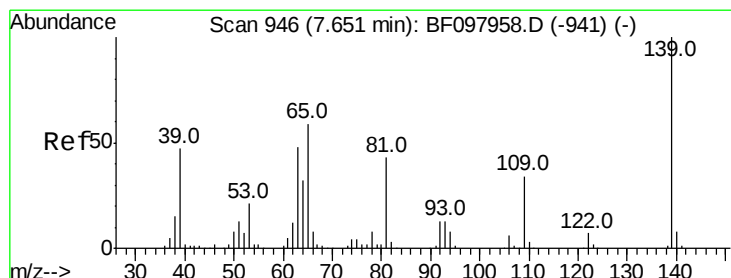
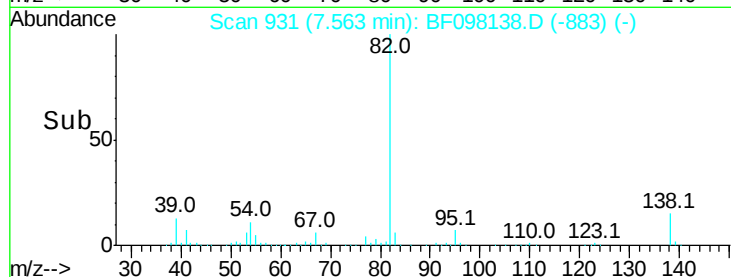
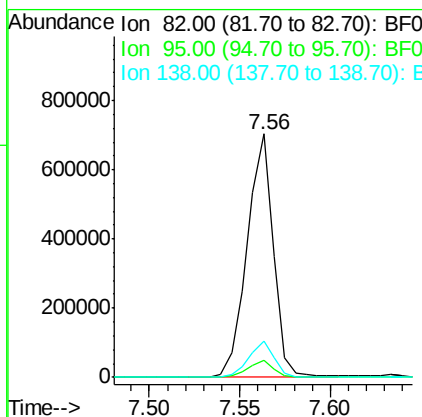
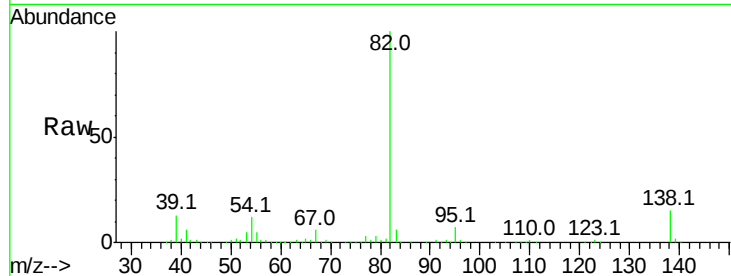
ClientSampleId :

SU-01-82517MSD

Tot Ion:	82	Resp:	707723
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.3	7.9
138	14.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.611 ng

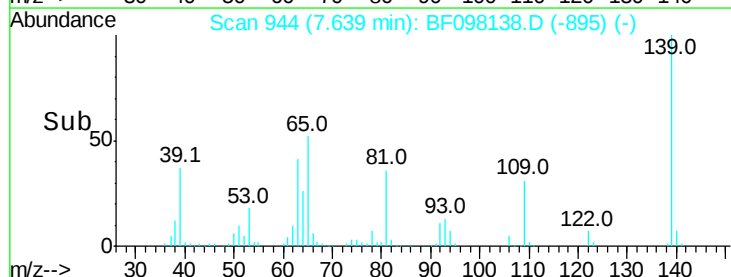
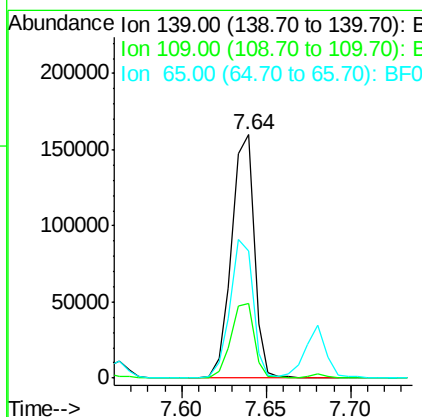
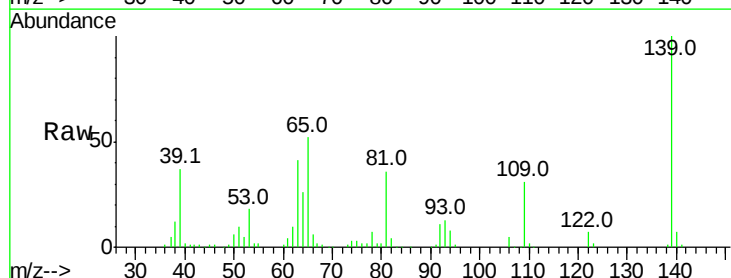
RT: 7.64 min Scan# 944

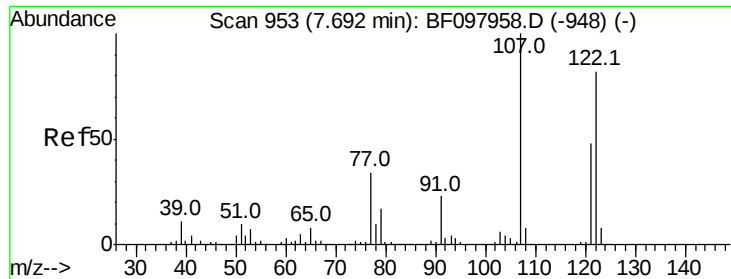
Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	139	Resp:	149378
Ion Ratio		Lower	Upper
139	100		
109	30.6	21.0	31.6
65	52.0	33.0	49.6#





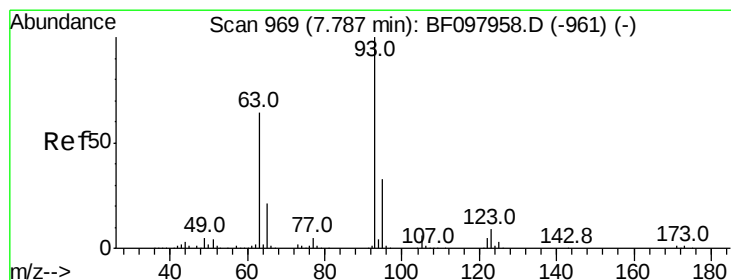
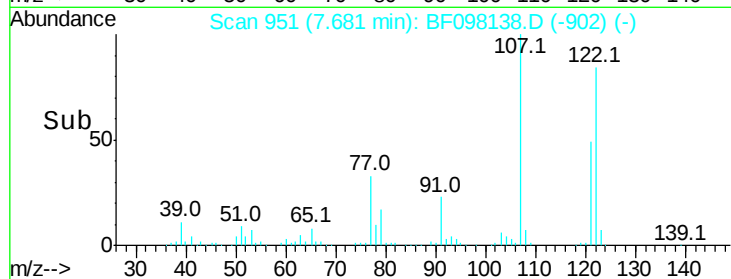
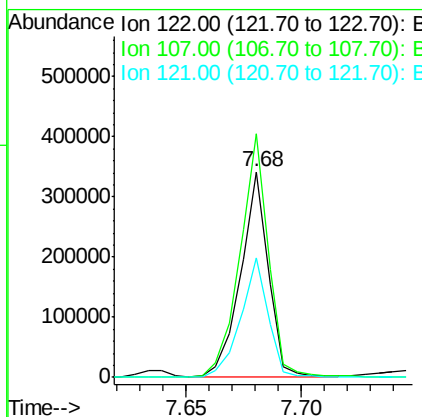
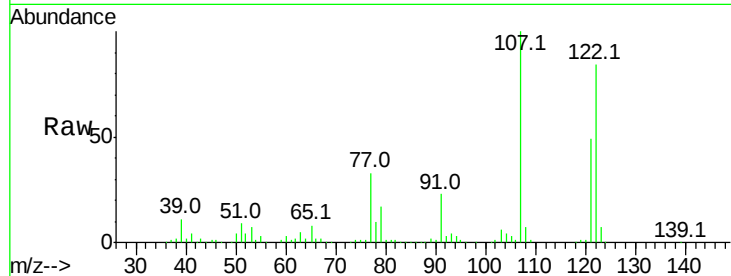
#27
 2,4-Dimethylphenol
 Concen: 37.773 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	289171		
107	118.5	89.2	133.8	
121	58.2	45.2	67.8	

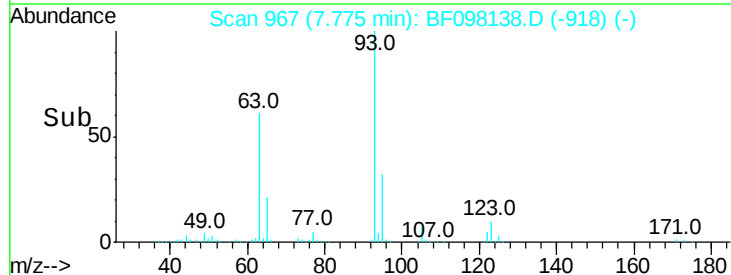
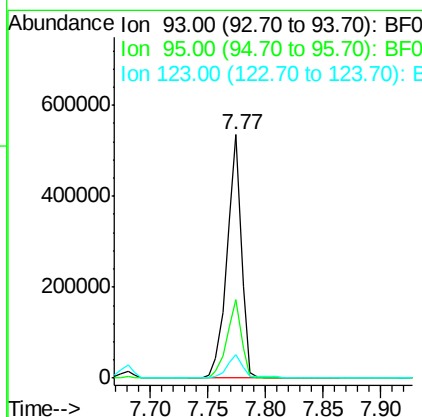
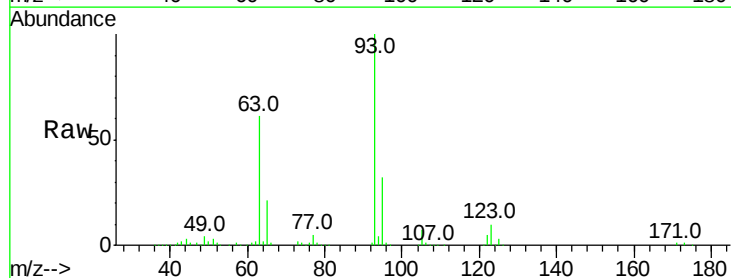
Manual Integrations
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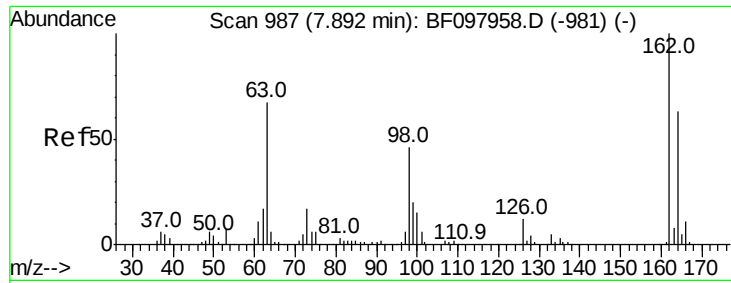
Sohil
 8/30/2017 6:45:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.169 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	460618		
95	32.4	26.5	39.7	
123	9.8	9.0	13.4	





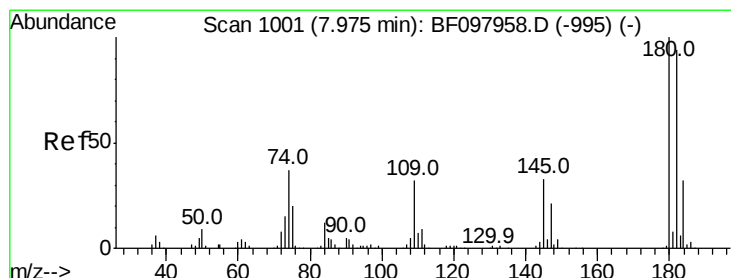
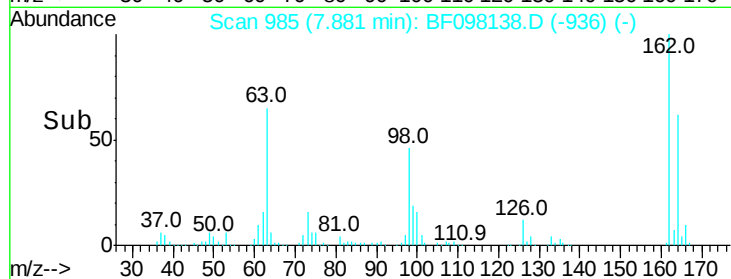
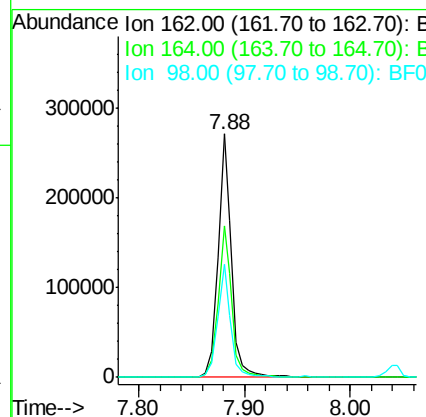
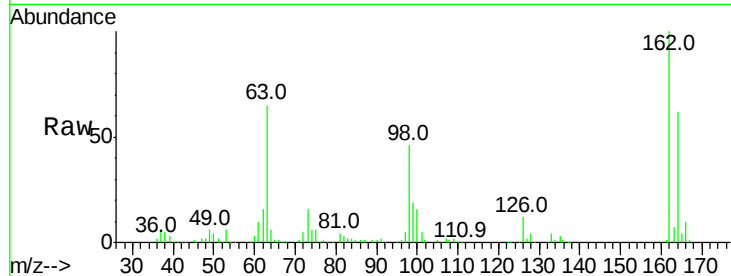
#29
2,4-Dichlorophenol
Concen: 38.274 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	243222		
164	62.2	44.6	84.6	
98	46.4	14.8	54.8	

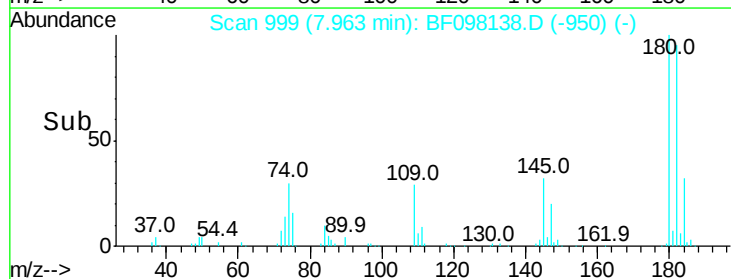
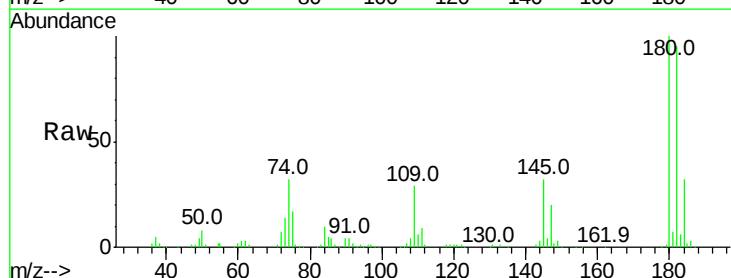
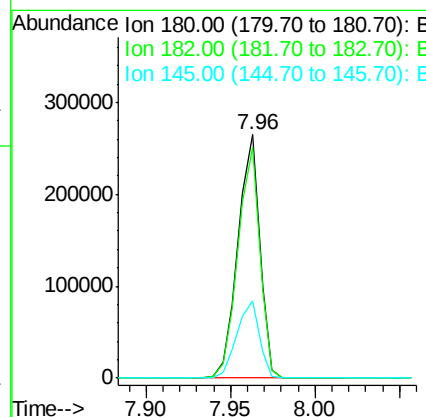
Manual Integrations
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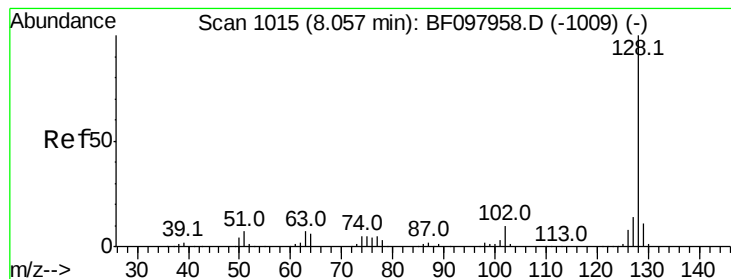
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 33.857 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238513		
182	94.9	75.8	113.6	
145	31.7	25.3	37.9	





#31

Naphthalene

Concen: 34.640 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

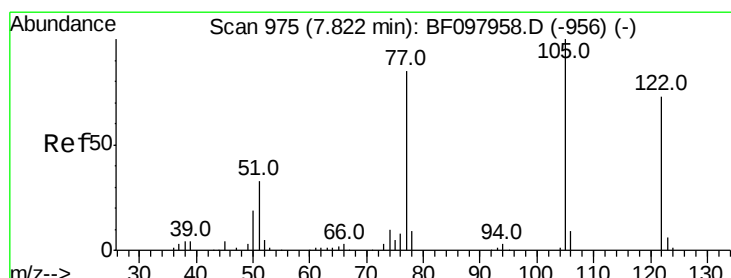
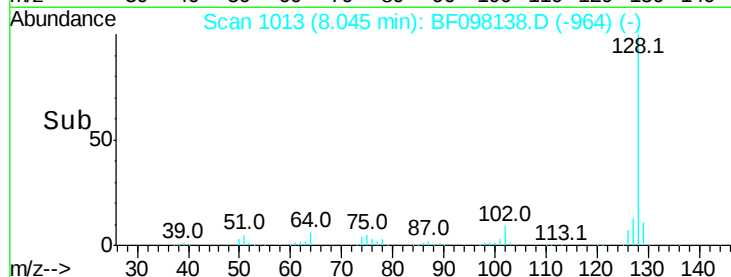
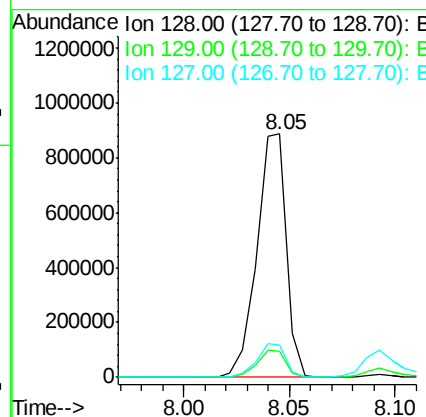
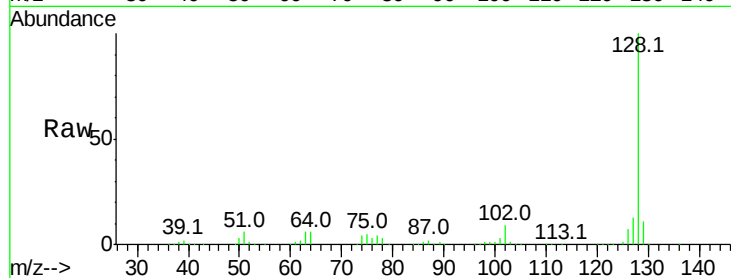
ClientSampleId :

SU-01-82517MSD

Tot Ion:	128	Resp:	862414
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.6
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 29.248 ng

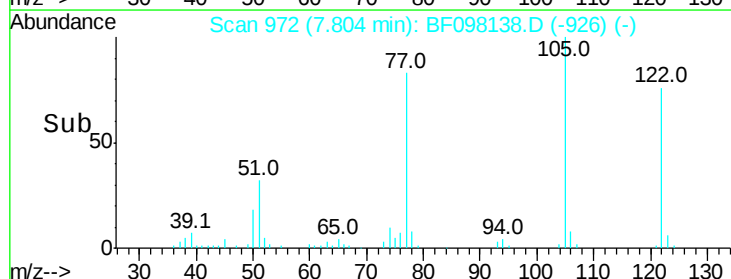
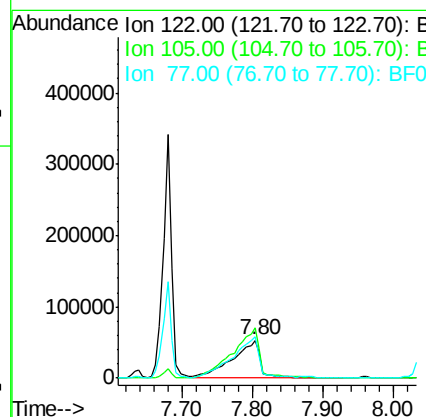
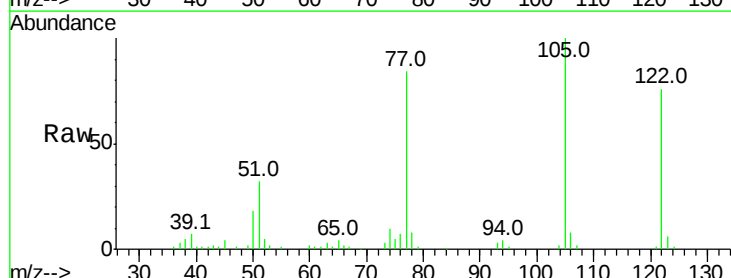
RT: 7.80 min Scan# 972

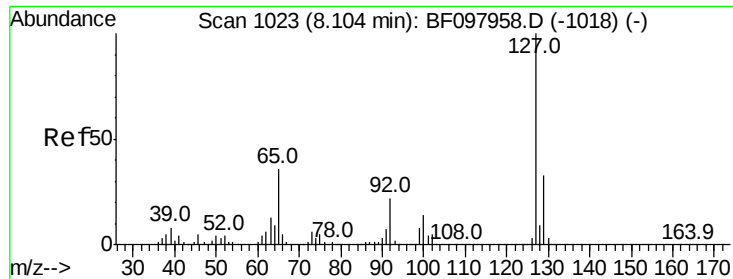
Delta R.T. -0.03 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	122	Resp:	147032
Ion Ratio	Lower	Upper	
122	100		
105	130.8	103.3	143.3
77	109.7	73.7	113.7





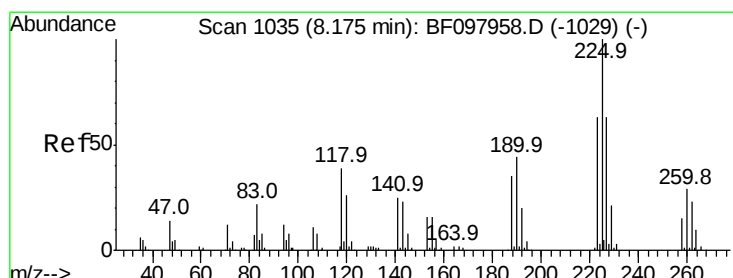
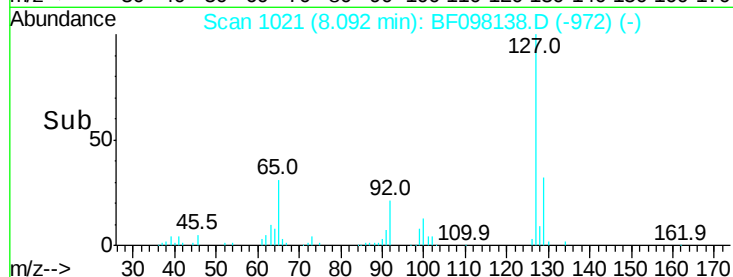
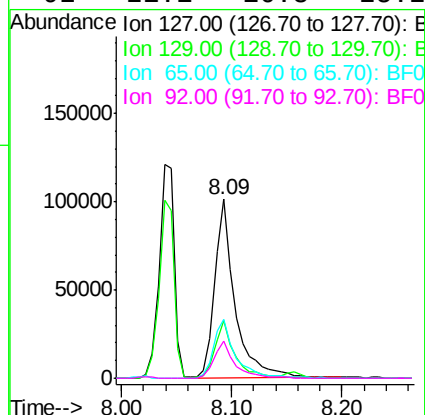
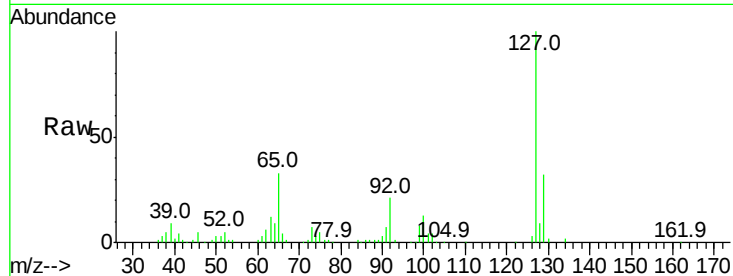
#33
4-Chloroaniline
Concen: 12.154 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.2		
65	33.1	27.8	41.8		
92	21.1	16.8	25.2		

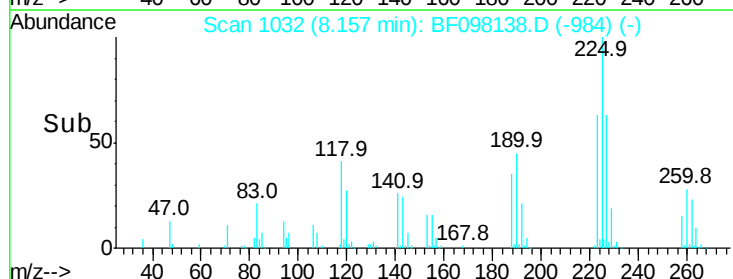
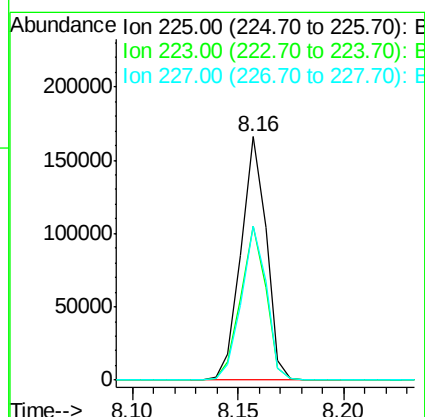
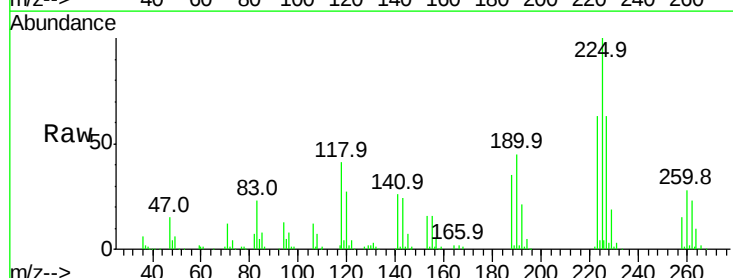
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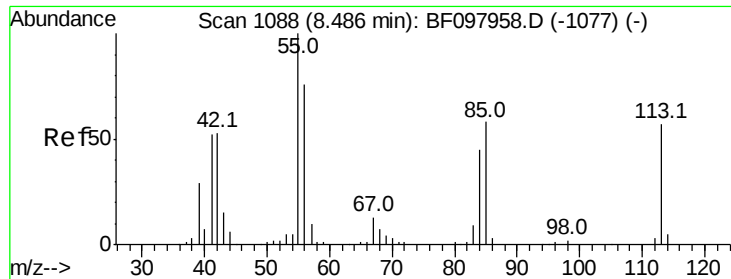
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#34
Hexachlorobutadiene
Concen: 33.421 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	48.8	73.2		
227	63.3	51.1	76.7		





#35

Caprolactam

Concen: 35.797 ng/mL

RT: 8.46 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

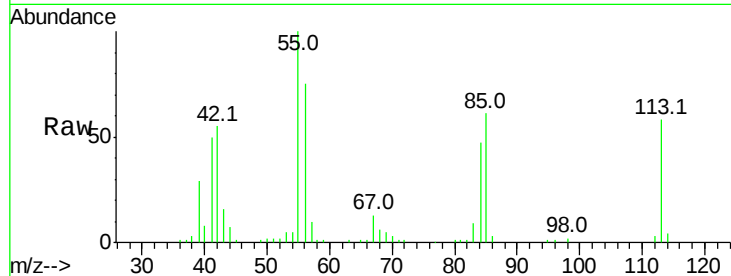
ClientSampleID :

SU-01-82517MSD

Tot Ion:	113	Resp:	77335
Ion Ratio	Lower	Upper	
113	100		
55	171.9	150.2	190.2
56	129.6	107.8	147.8

Manual Integrations
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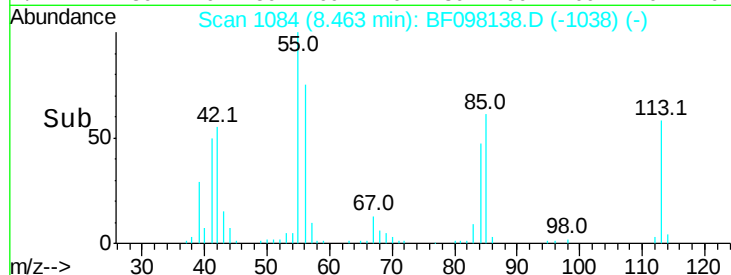


Abundance Ion 113.00 (112.70 to 113.70): E

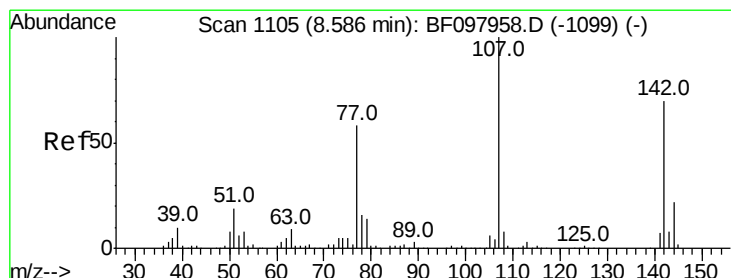
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 35.555 ng/mL

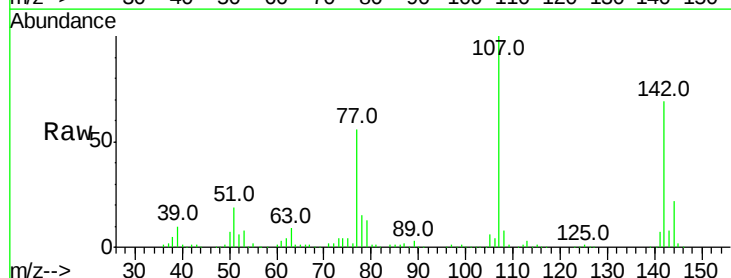
RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	107	Resp:	290292
Ion Ratio	Lower	Upper	
107	100		
144	22.2	24.2	36.4#
142	69.5	73.4	110.0#

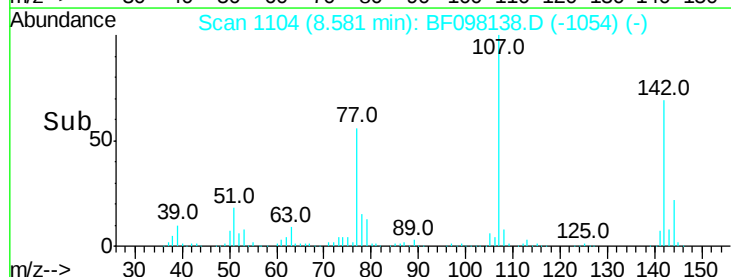


Abundance Ion 107.00 (106.70 to 107.70): E

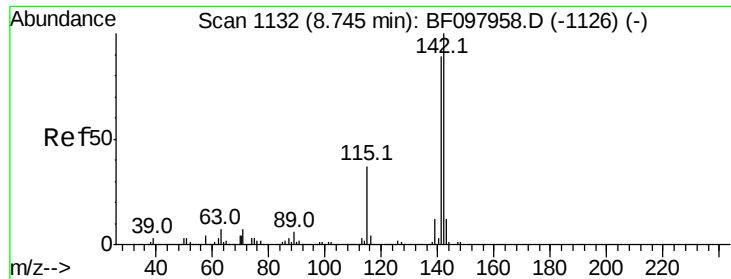
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



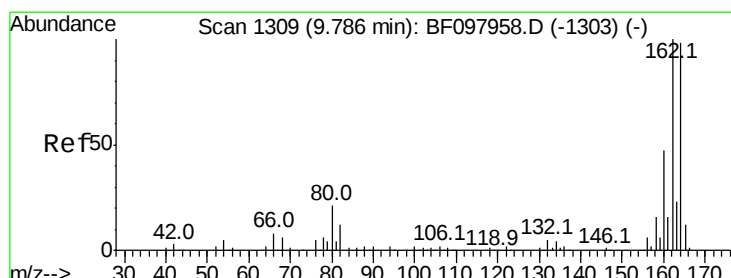
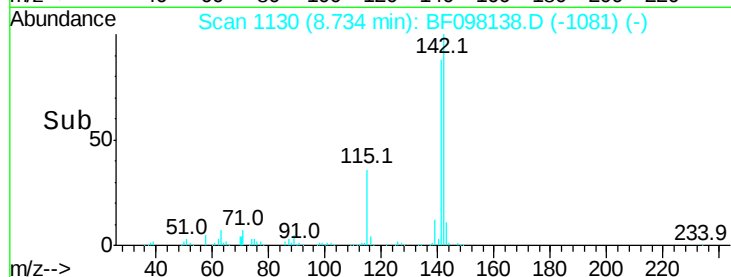
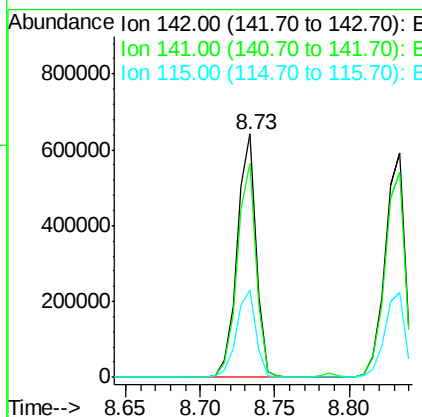
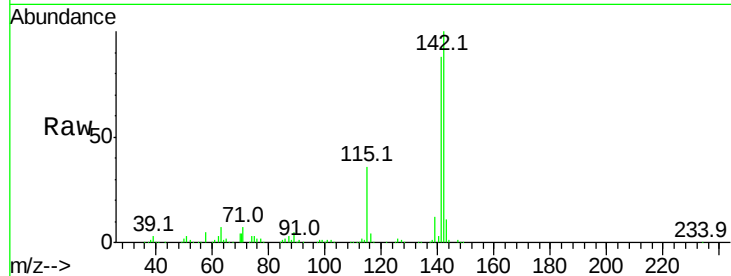
#37
2-Methylnaphthalene
Concen: 37.583 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	35.9	27.1	40.7

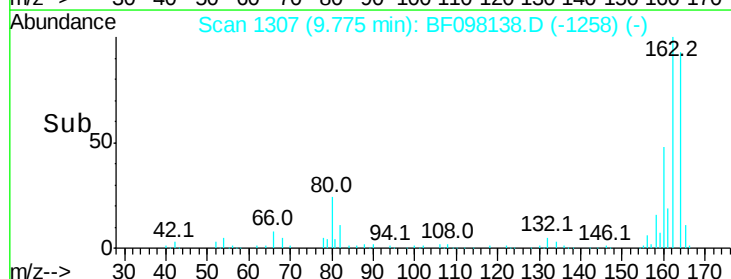
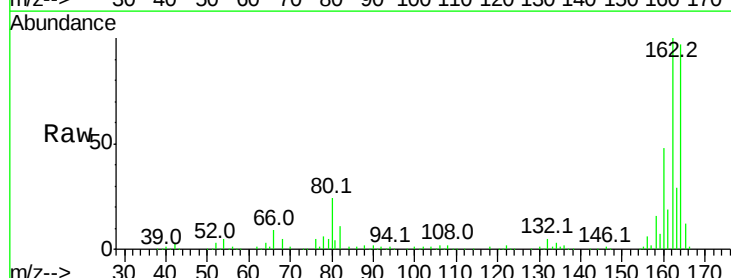
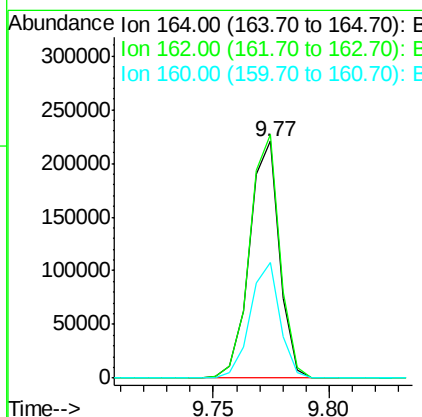
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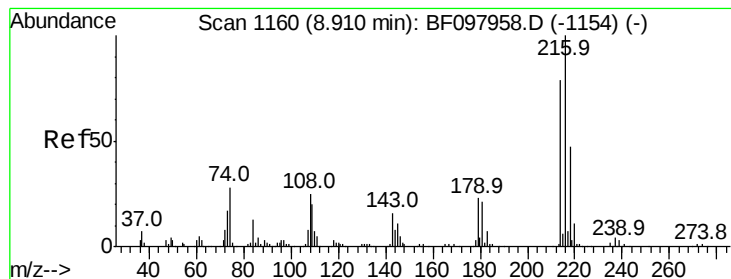
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	48.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.659 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

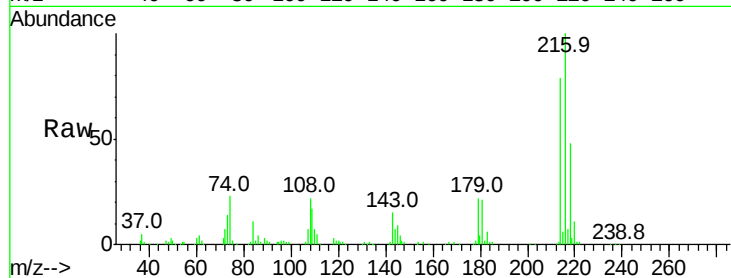
ClientSampleId :

SU-01-82517MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.9	17.9	26.9
108	23.5	16.5	24.7

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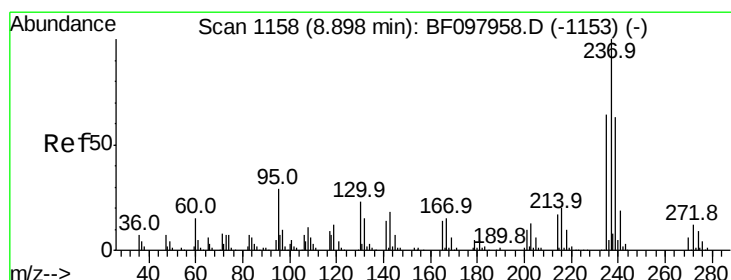
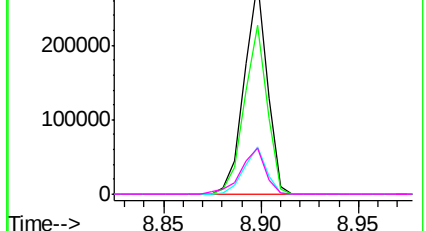
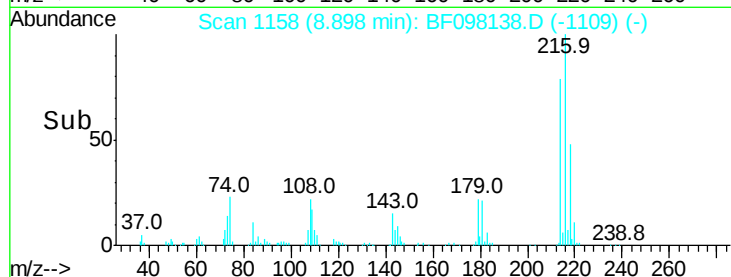


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.033 ng

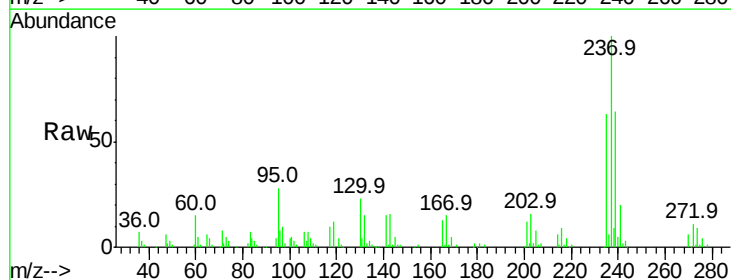
RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

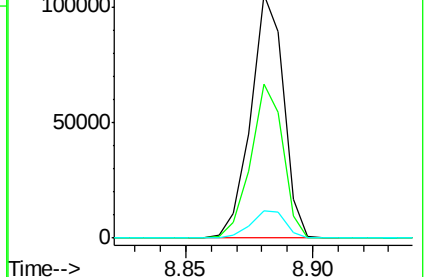
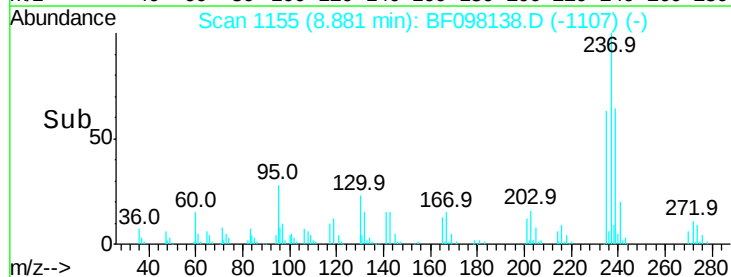
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	42.6	82.6
272	11.3	0.0	31.9

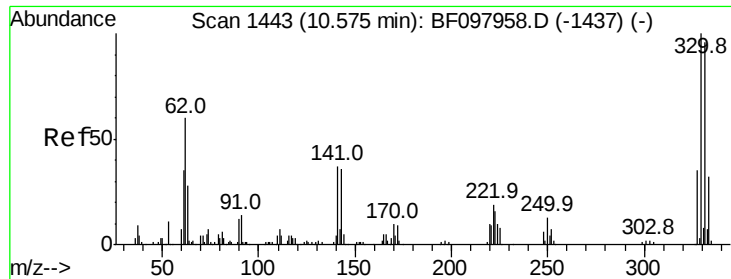


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





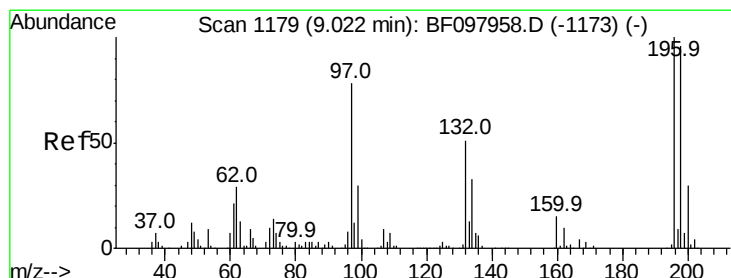
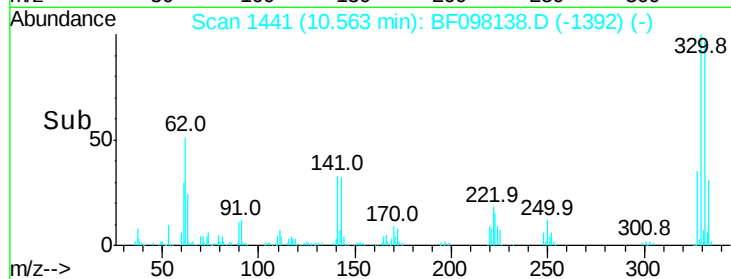
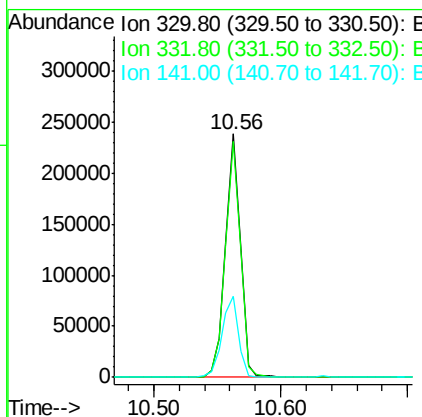
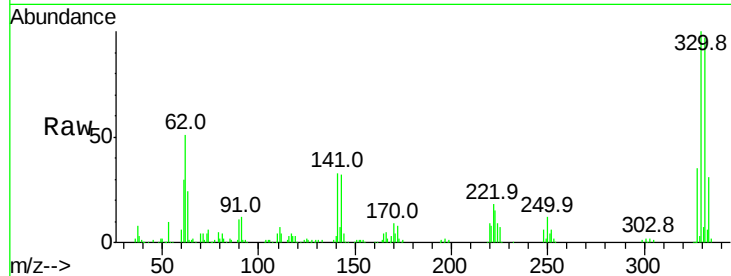
#41
 2,4,6-Tribromophenol
 Concen: 113.932 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	198271		
332	97.3	76.6	115.0	
141	36.8	31.4	47.2	

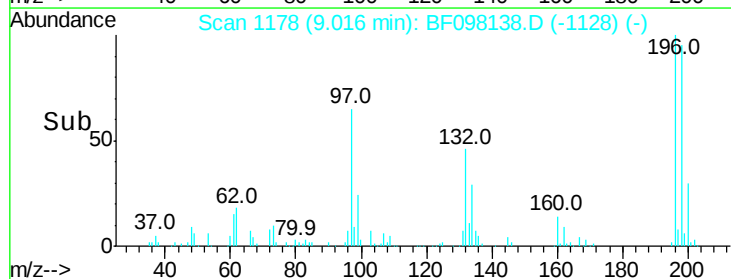
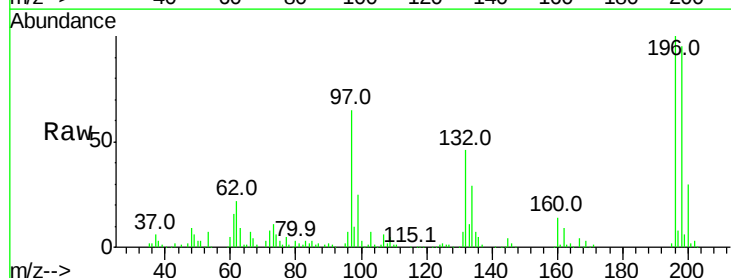
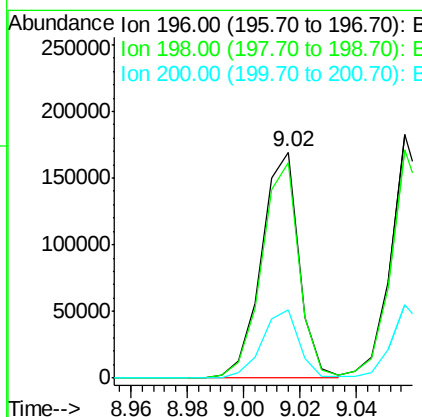
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 38.005 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157060		
198	95.3	74.2	111.4	
200	30.1	24.0	36.0	





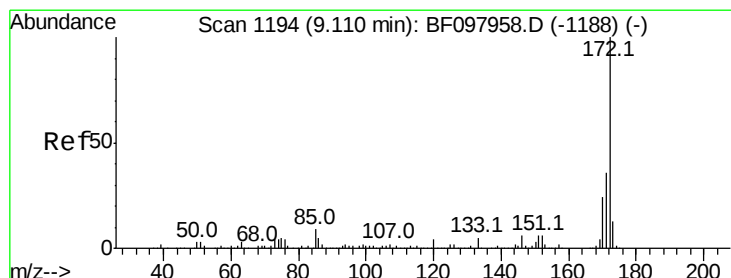
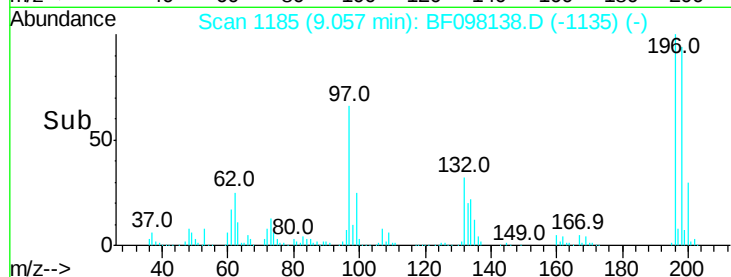
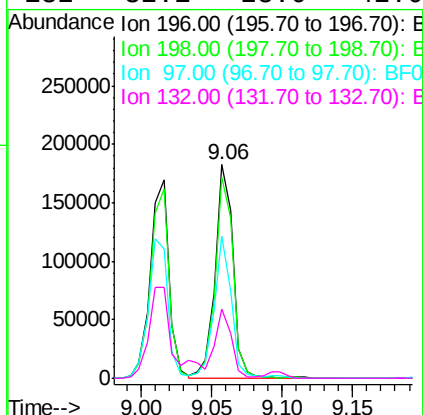
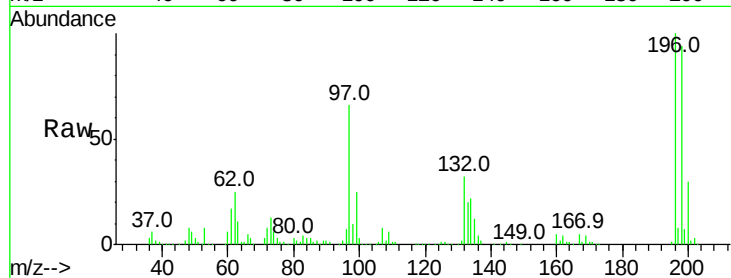
#43
 2,4,5-Trichlorophenol
 Concen: 39.350 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161327		
198	94.0	75.7	113.5	
97	66.4	47.7	71.5	
132	32.1	28.0	42.0	

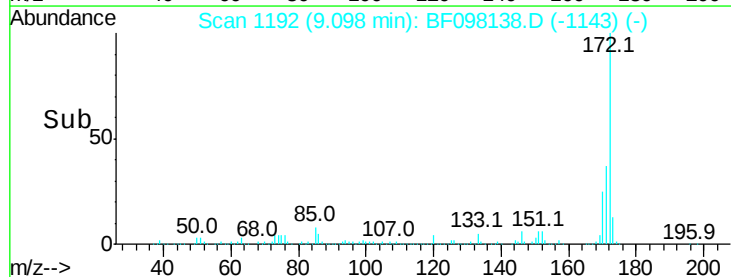
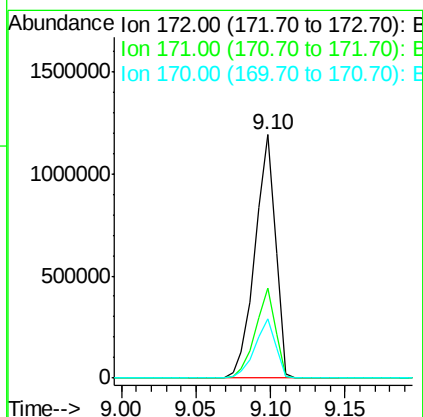
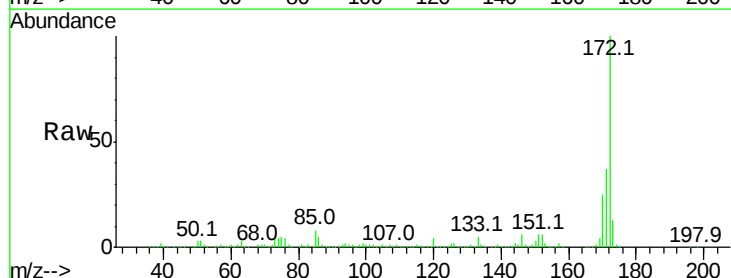
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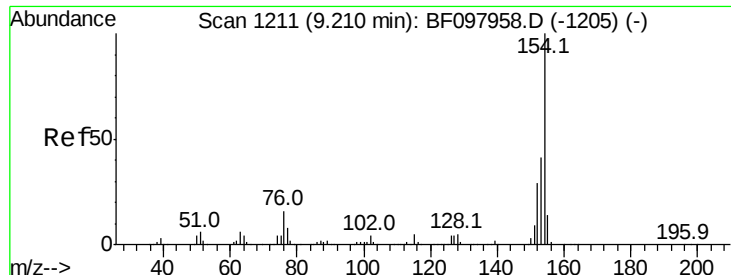
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#44
 2-Fluorobiphenyl
 Concen: 82.588 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1127453		
171	36.9	29.6	44.4	
170	24.5	19.8	29.8	





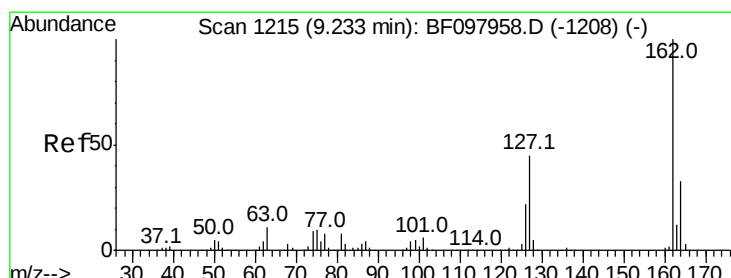
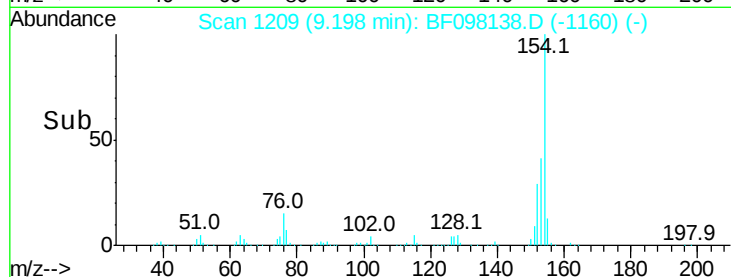
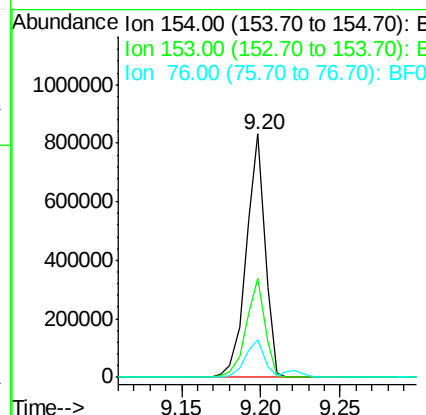
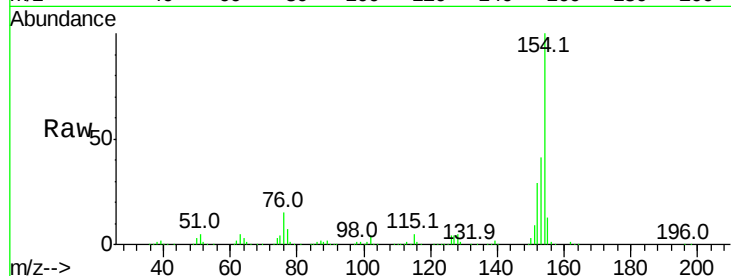
#45
 1,1'-Biphenyl
 Concen: 36.976 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.2	61.2	
76	15.2	0.0	29.9	

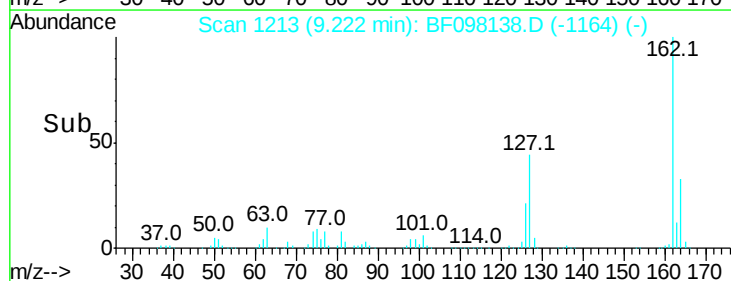
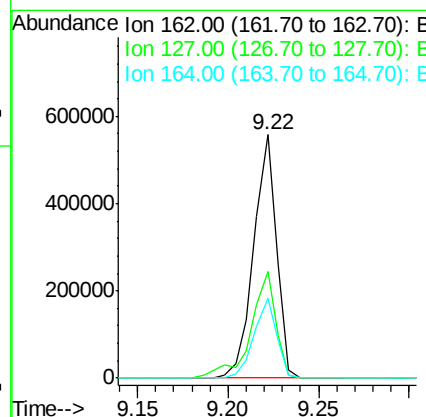
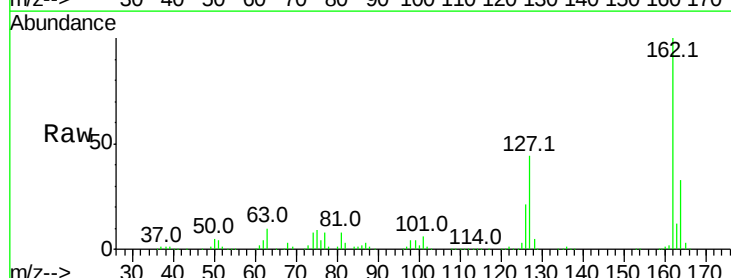
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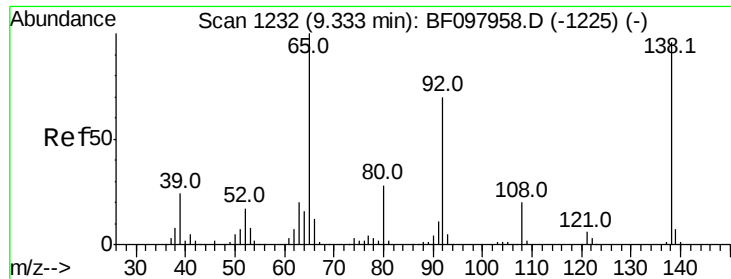
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#46
 2-Chloronaphthalene
 Concen: 35.964 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.0	28.3	42.5#	
164	32.8	27.0	40.4	





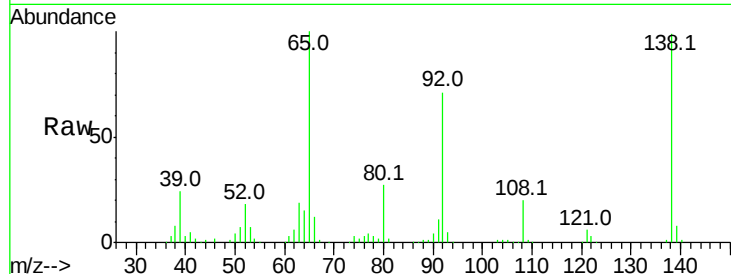
#47
2-Nitroaniline
Concen: 41.731 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

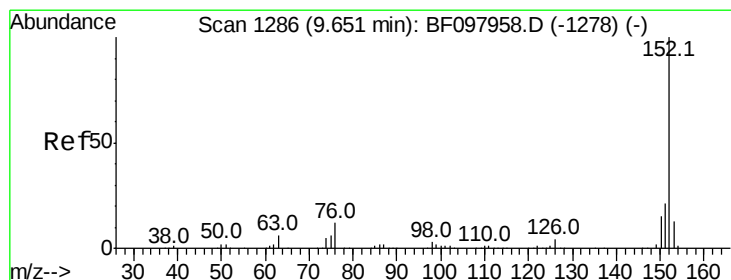
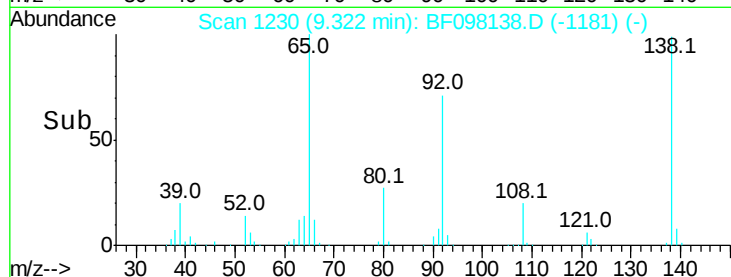
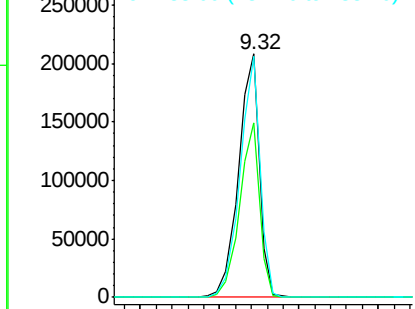
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	99.2	78.8	118.2

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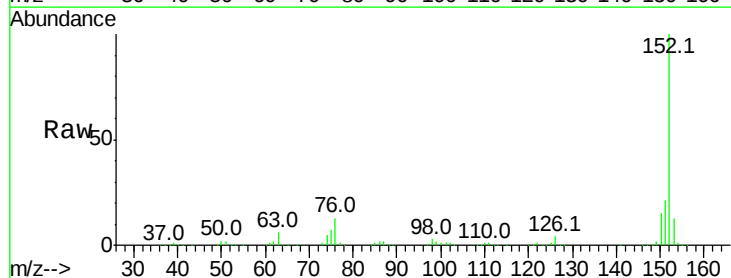


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

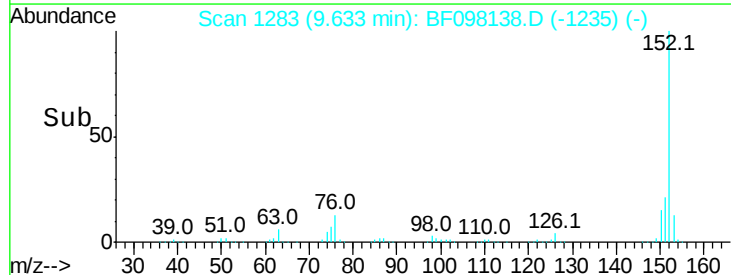
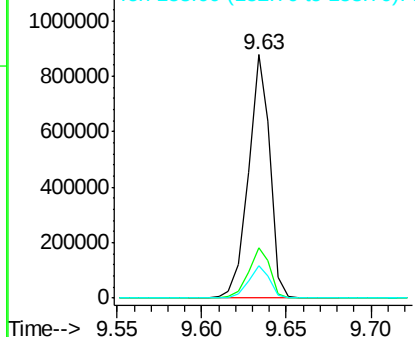


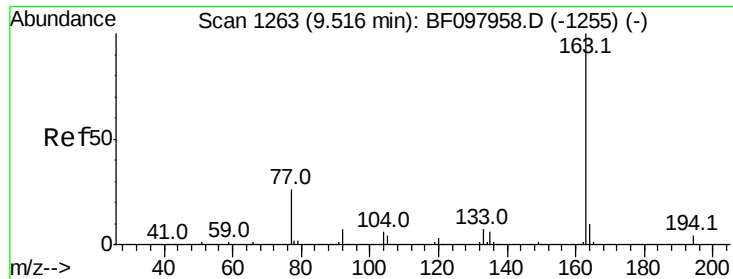
#48
Acenaphthylene
Concen: 36.631 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





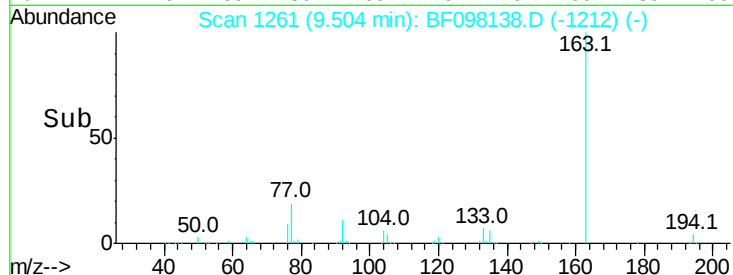
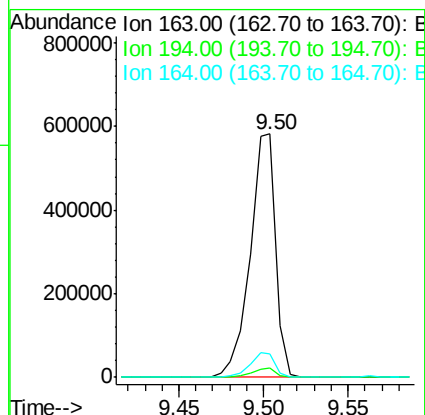
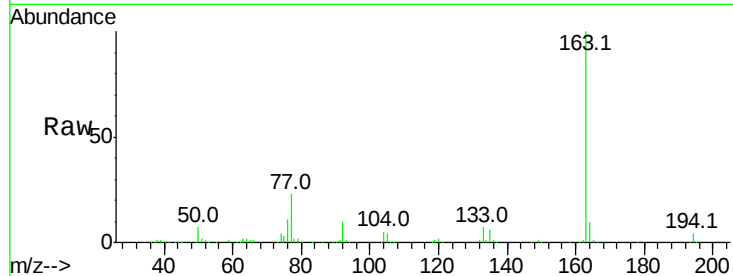
#49
Dimethylphthalate
Concen: 42.033 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	9.7	8.4	12.6	

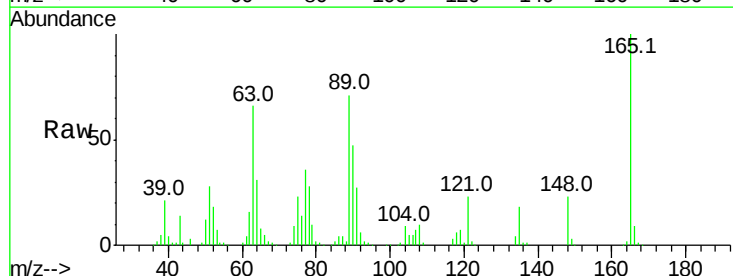
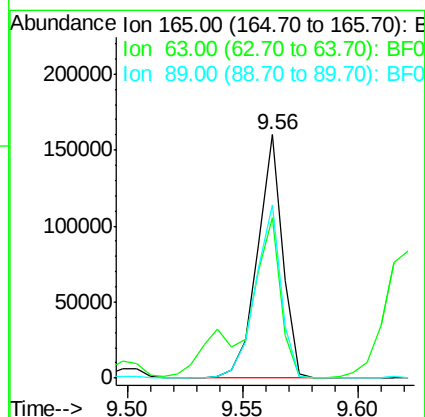
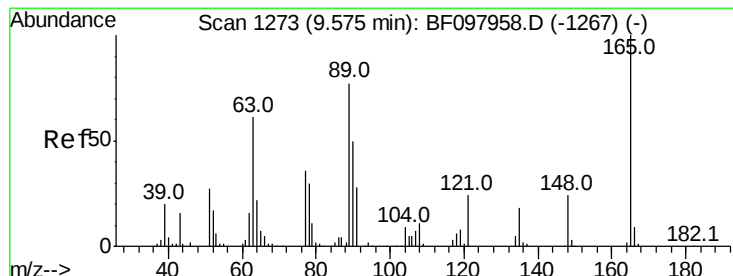
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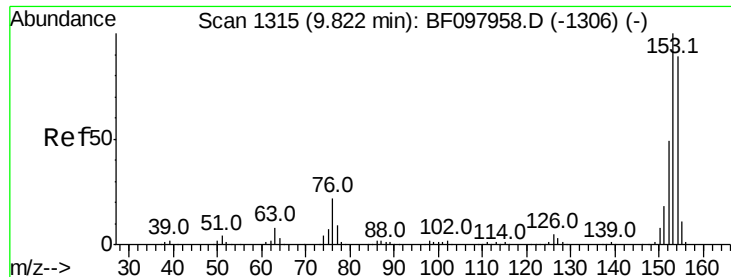
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#50
2,6-Dinitrotoluene
Concen: 41.839 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.1	34.3	51.5#	
89	71.1	37.1	55.7#	





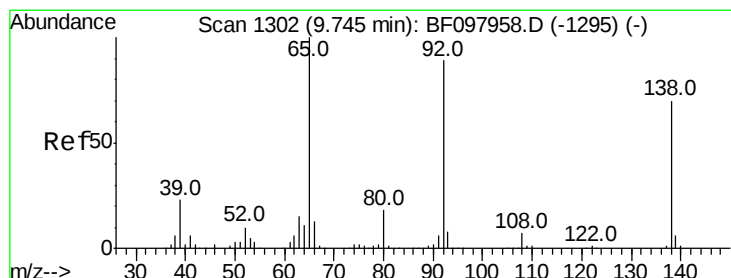
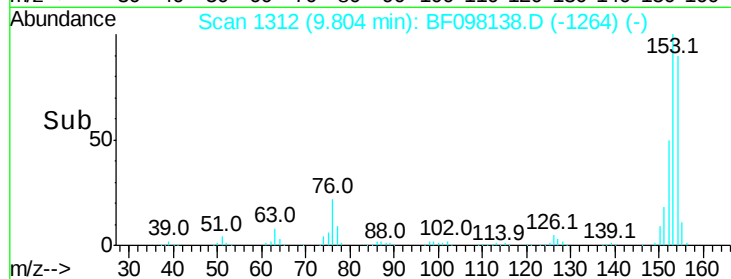
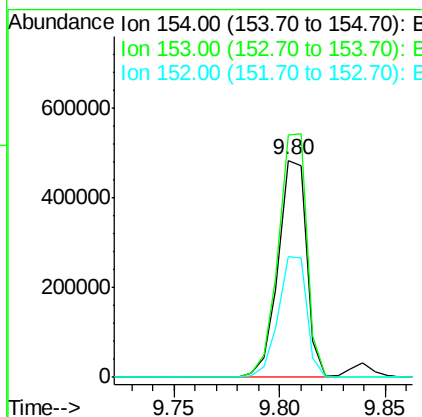
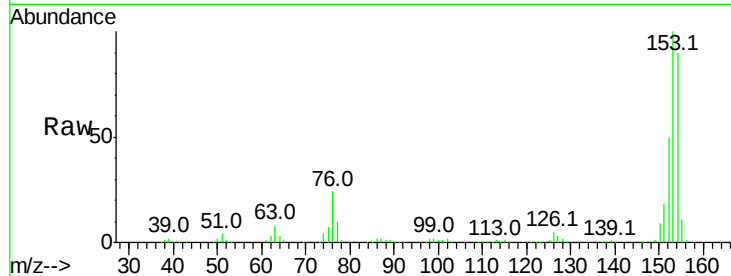
#51
Acenaphthene
Concen: 34.090 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	55.4	43.6	65.4

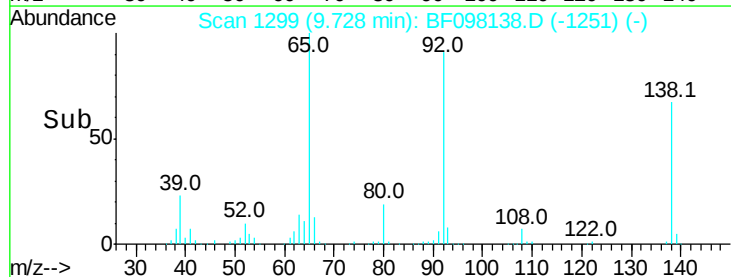
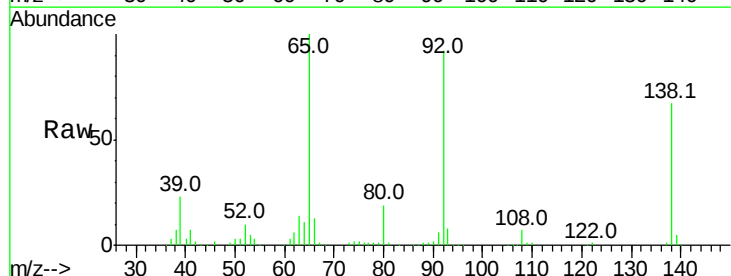
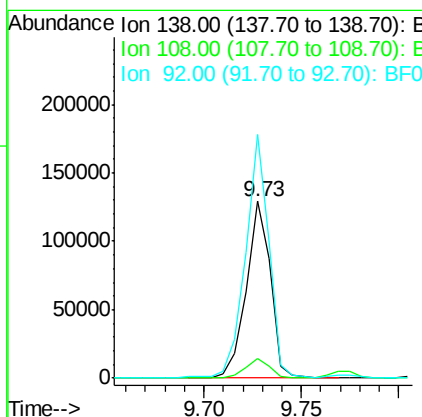
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#52
3-Nitroaniline
Concen: 29.356 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	137.7	93.8	140.6





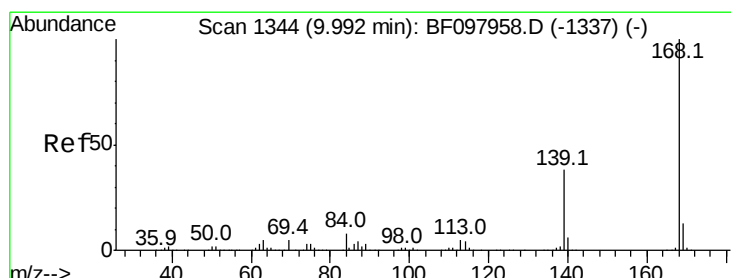
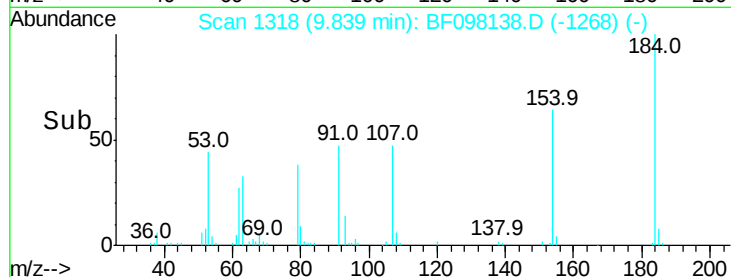
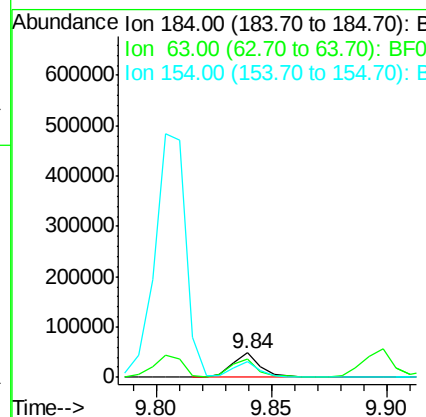
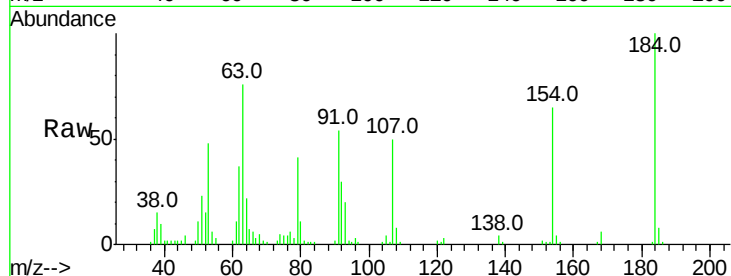
#53
 2,4-Dinitrophenol
 Concen: 35.909 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	41077		
63	75.7	62.7	94.1	
154	65.1	81.1	121.7	

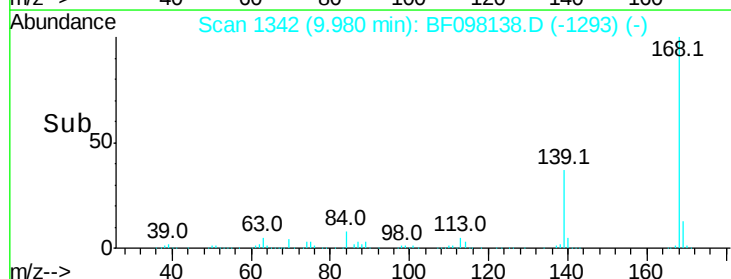
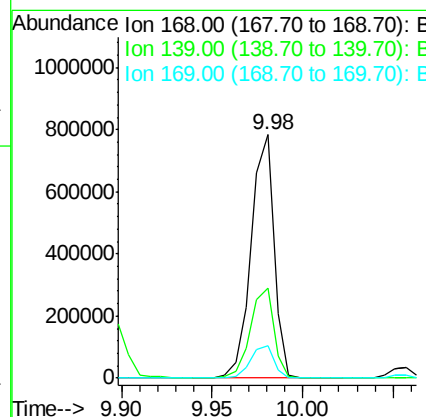
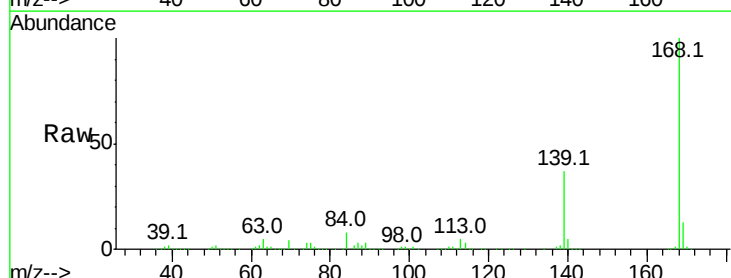
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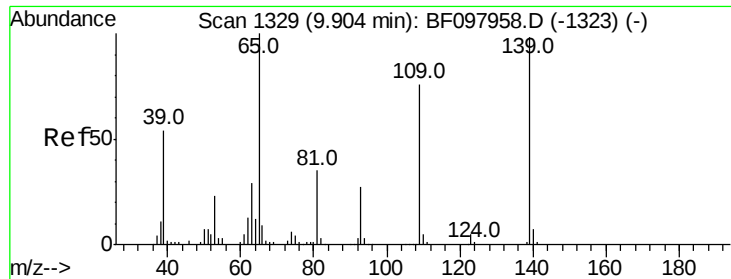
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#54
 Dibenzofuran
 Concen: 38.416 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	689117		
139	37.0	30.6	45.8	
169	13.2	10.8	16.2	





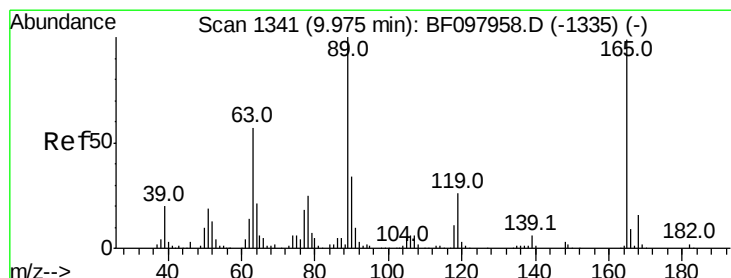
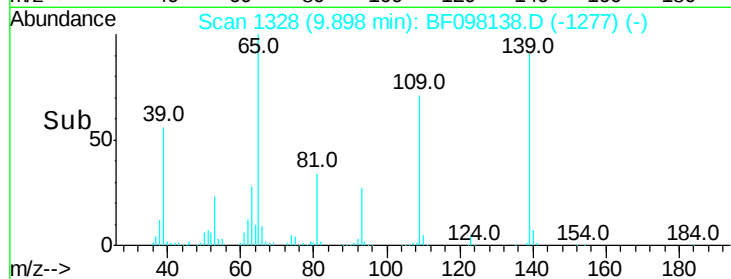
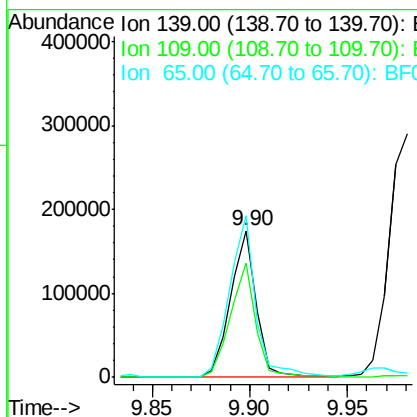
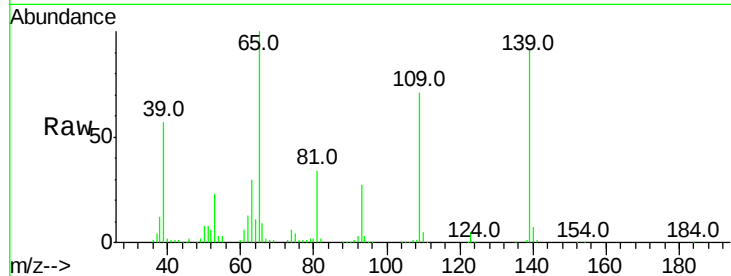
#55
4-Nitrophenol
Concen: 53.599 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	77.9	34.1	74.1#
65	110.0	31.4	71.4#

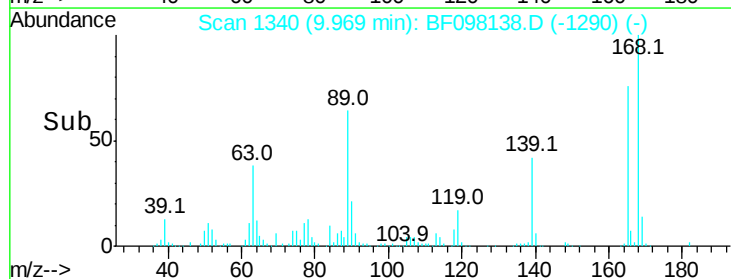
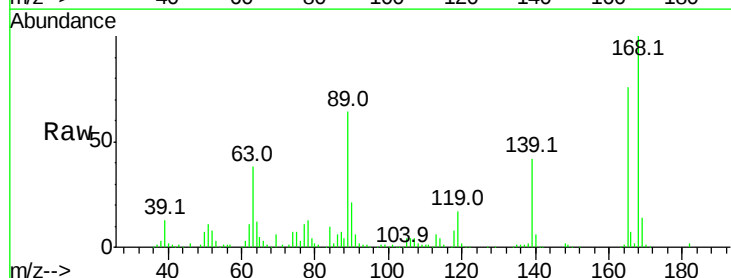
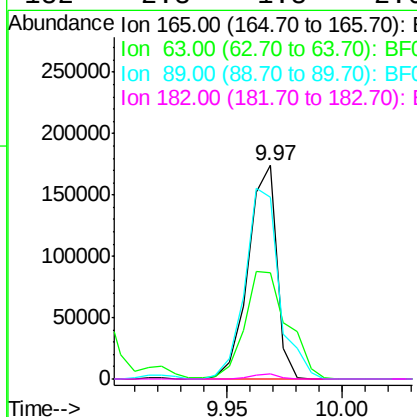
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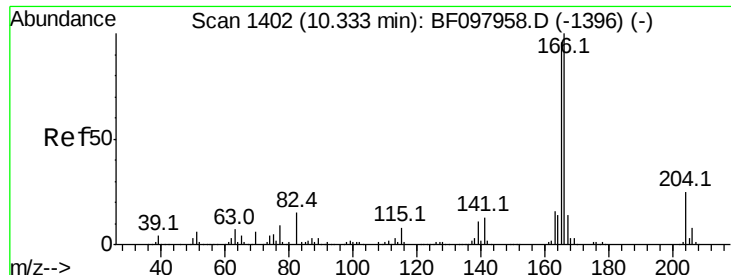
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#56
2,4-Dinitrotoluene
Concen: 41.162 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.0	25.4	38.0#
89	84.8	46.4	69.6#
182	2.3	1.8	2.6





#57

Fluorene

Concen: 35.636 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

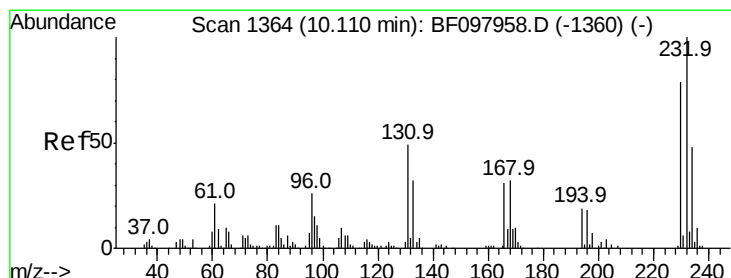
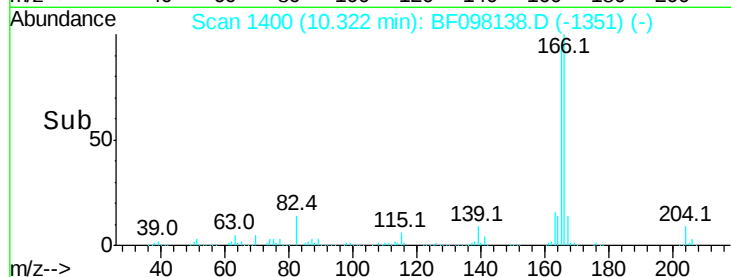
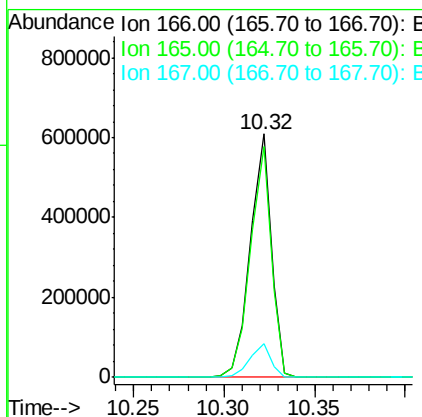
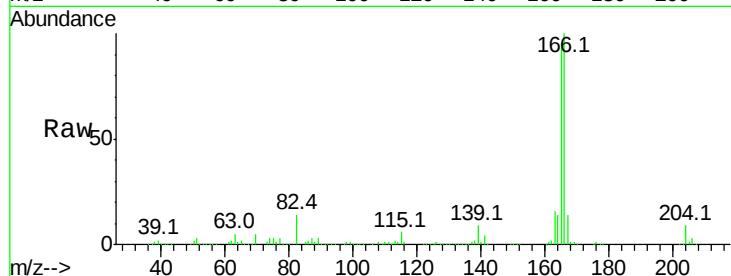
ClientSampleId :

SU-01-82517MSD

Tot Ion:	166	Resp:	494230
Ion Ratio	Lower	Upper	
166	100		
165	94.8	78.8	118.2
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.488 ng

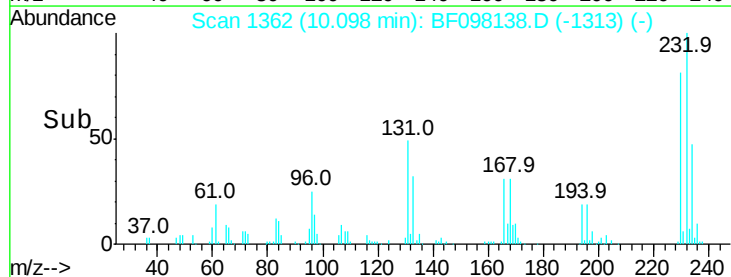
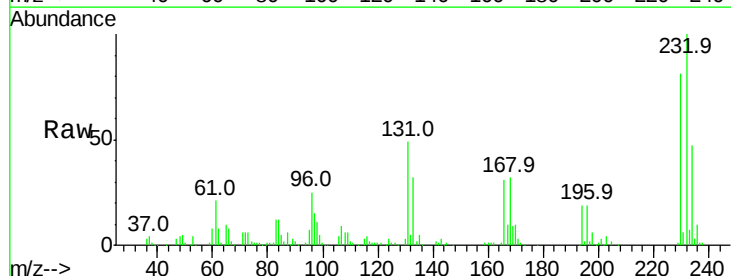
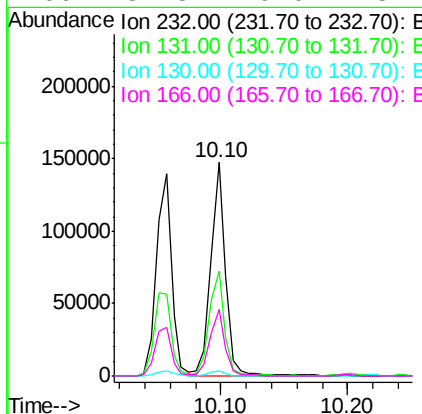
RT: 10.10 min Scan# 1362

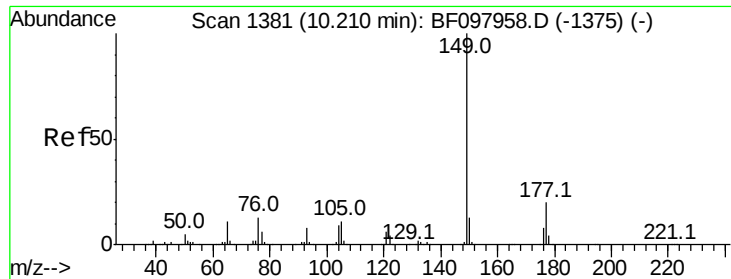
Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	232	Resp:	122169
Ion Ratio	Lower	Upper	
232	100		
131	50.7	44.8	67.2
130	2.5	2.3	3.5
166	31.8	29.0	43.4





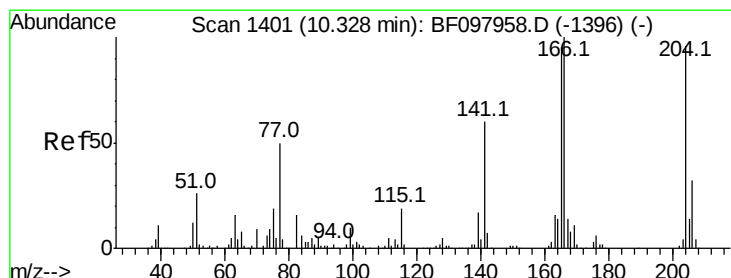
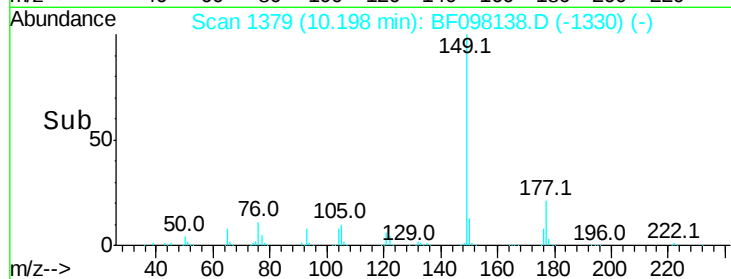
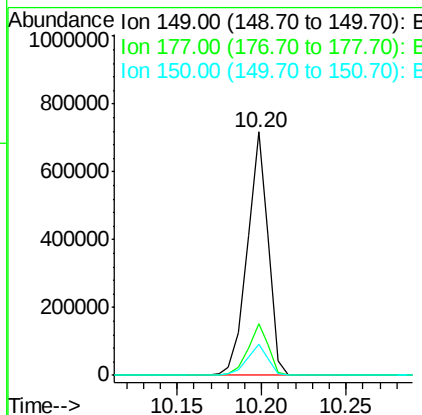
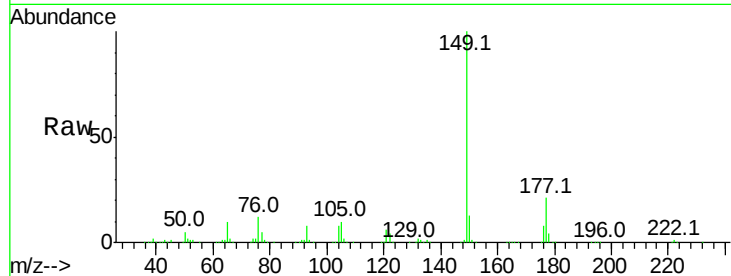
#59
Diethylphthalate
Concen: 40.173 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	615912		
177	21.4	16.7	25.1	
150	12.8	10.2	15.2	

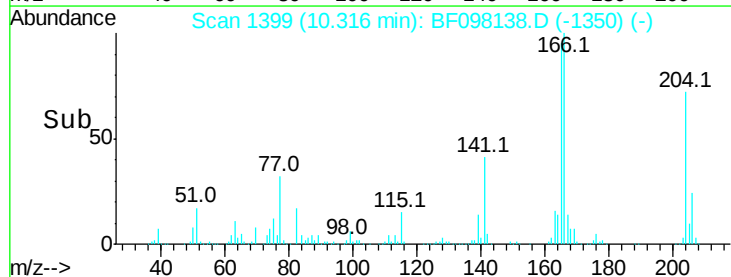
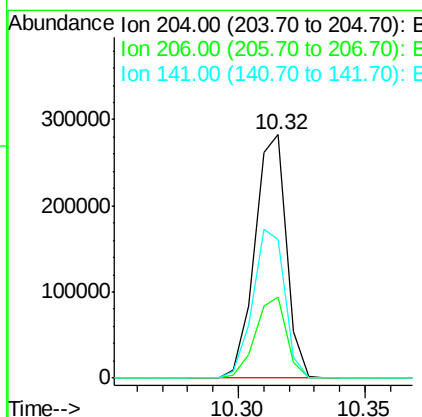
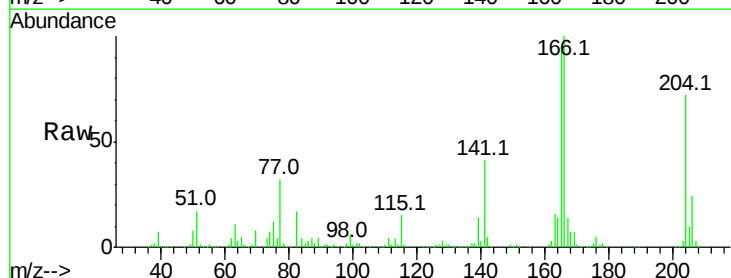
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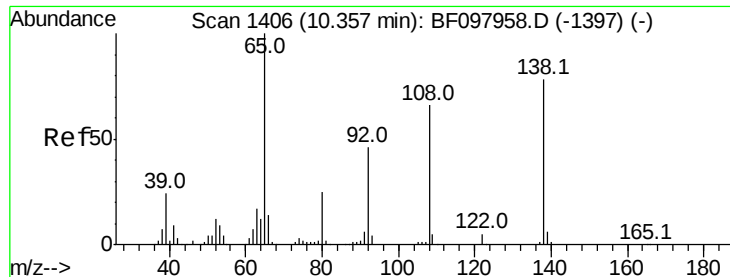
Sohil
8/30/2017 6:45:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.133 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	245688		
206	33.1	26.2	39.2	
141	57.0	60.8	91.2#	





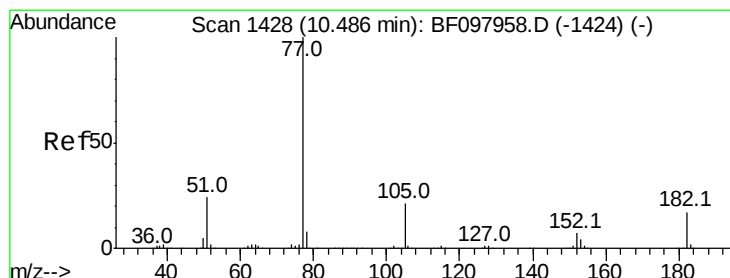
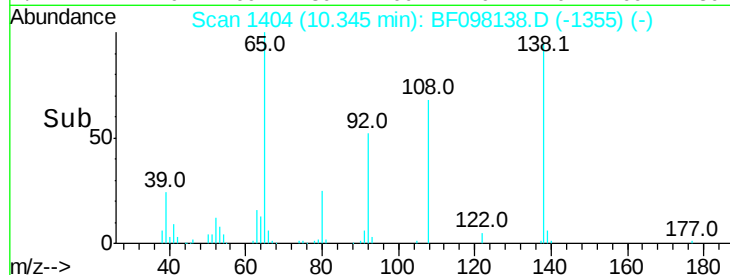
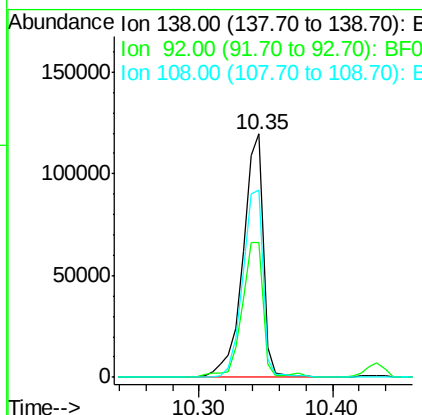
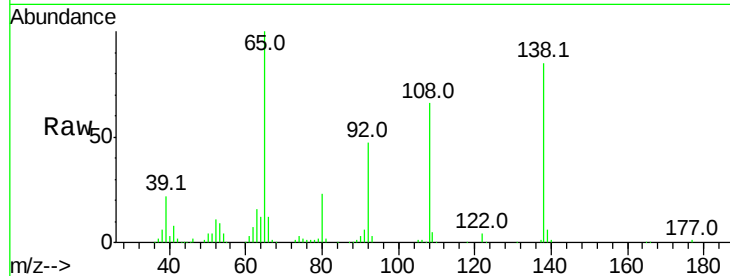
#61
4-Nitroaniline
Concen: 35.016 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	125658		
92	55.5	21.8	61.8	
108	77.1	42.3	82.3	

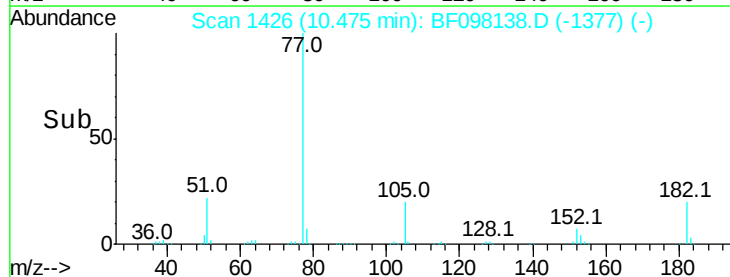
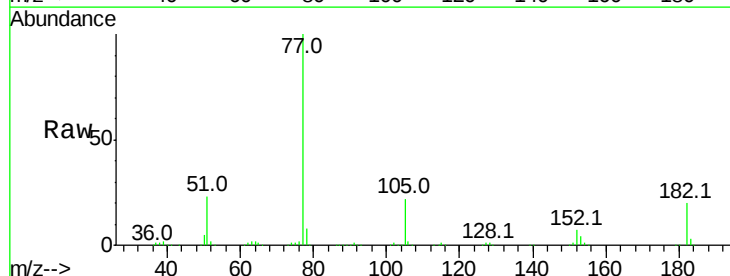
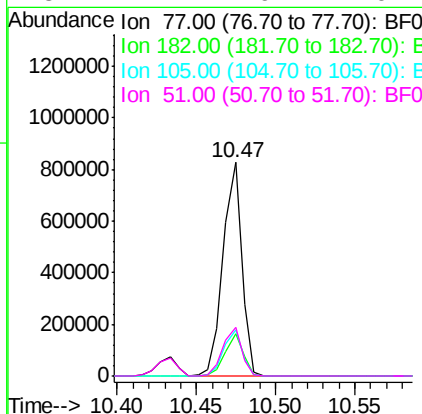
Manual Integrations
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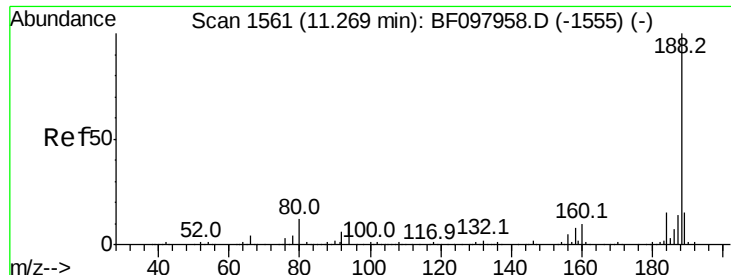
Sohil
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#62
Azobenzene
Concen: 37.528 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	683445		
182	19.7	0.1	40.1	
105	21.6	3.6	43.6	
51	22.7	9.4	49.4	





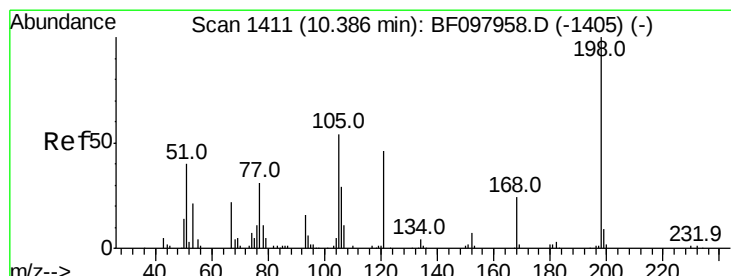
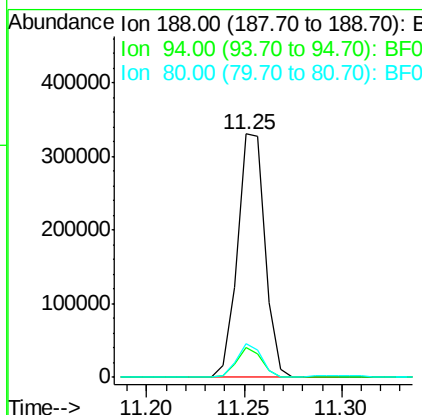
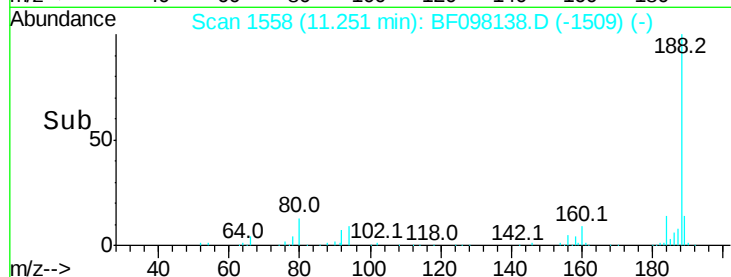
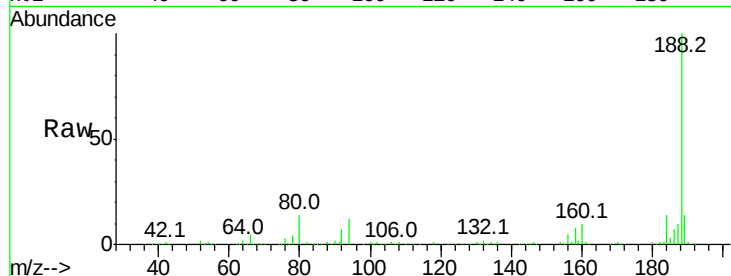
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.4	9.4	14.2	
80	13.7	10.2	15.2	

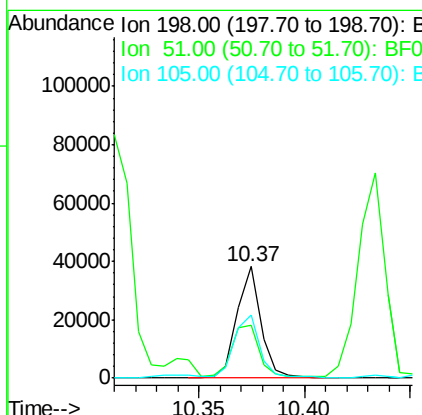
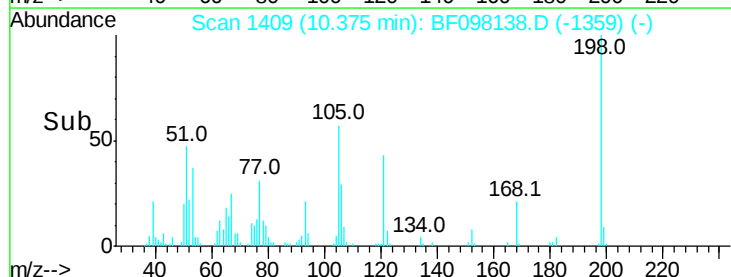
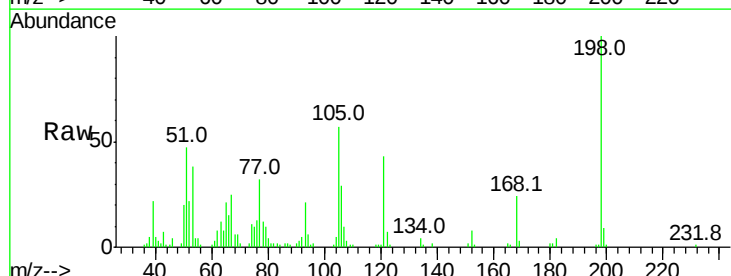
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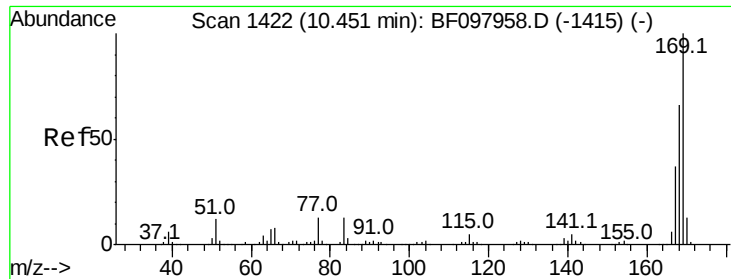
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.664 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	47.1	53.2	93.2#	
105	56.5	45.8	85.8	





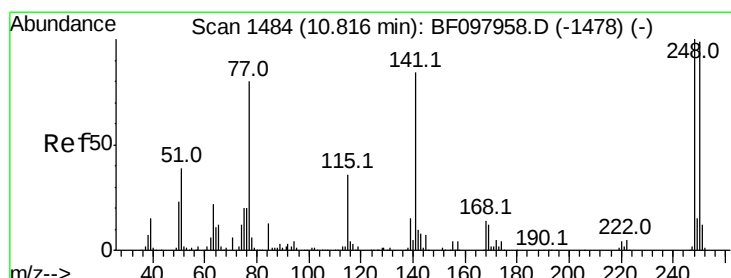
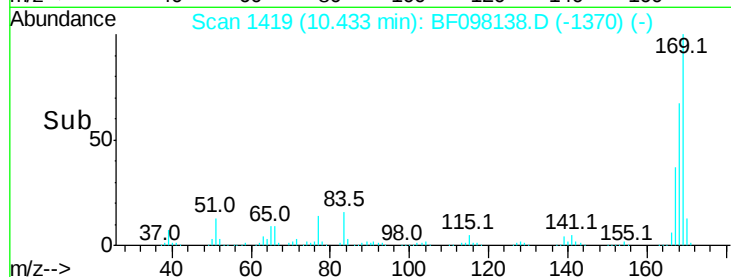
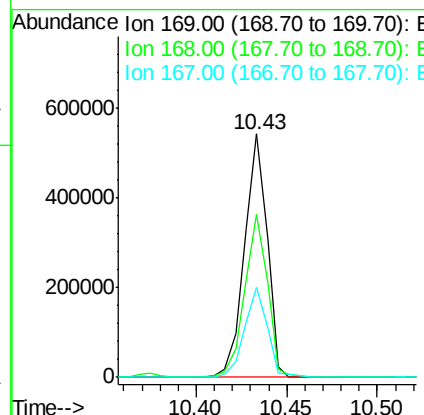
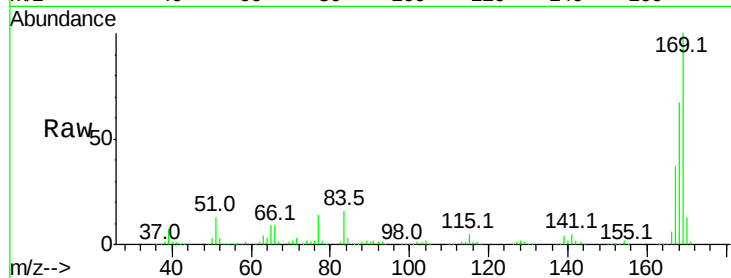
#65
 n-Nitrosodiphenylamine
 Concen: 42.622 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.2	53.2	79.8	
167	36.9	29.5	44.3	

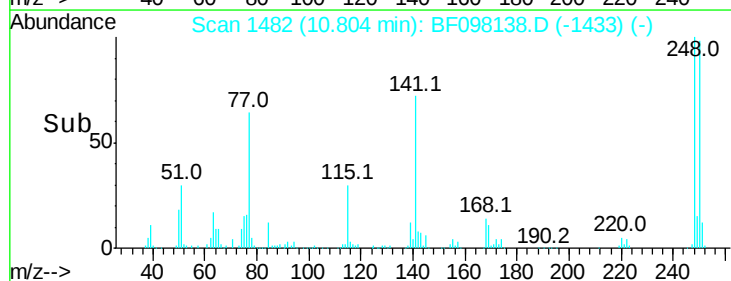
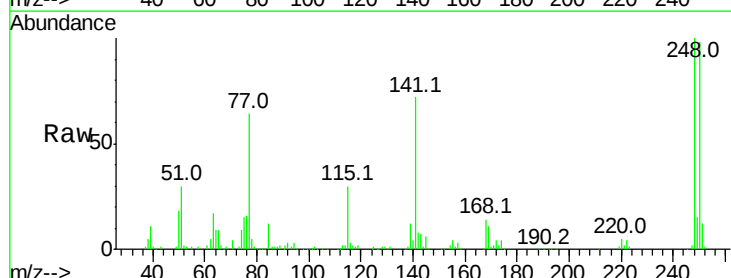
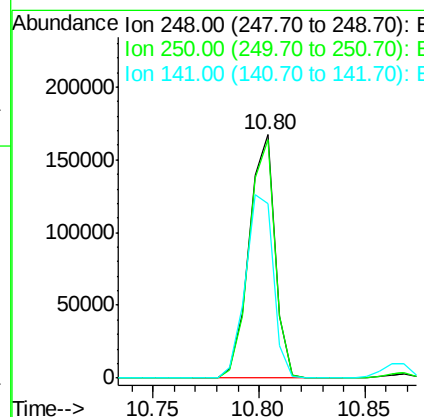
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#66
 4-Bromophenyl-phenylether
 Concen: 42.527 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	76.8	115.2	
141	71.8	68.6	103.0	





#67

Hexachlorobenzene

Concen: 38.287 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

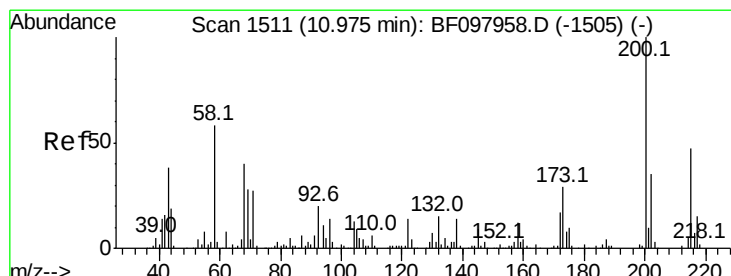
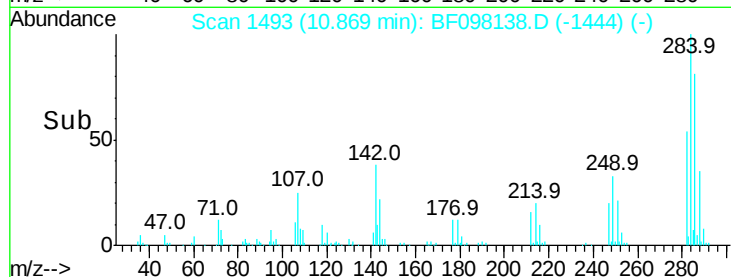
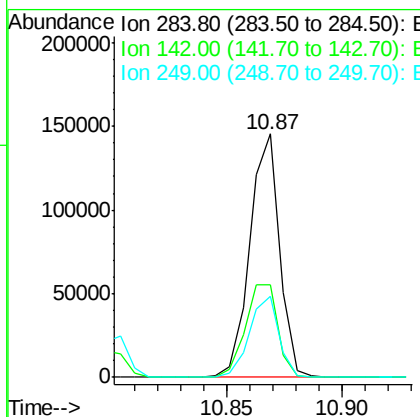
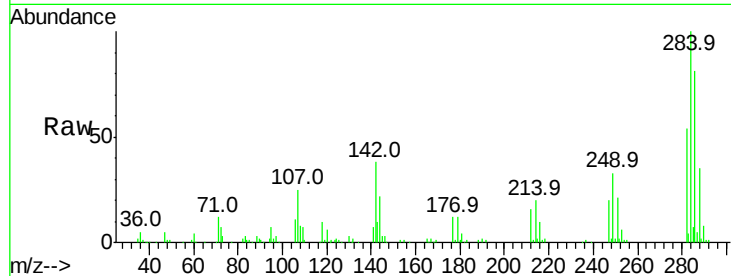
ClientSampleId :

SU-01-82517MSD

Tot Ion:	284	Resp:	130789
Ion Ratio	Lower	Upper	
284	100		
142	38.0	22.8	34.2#
249	33.4	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 36.566 ng

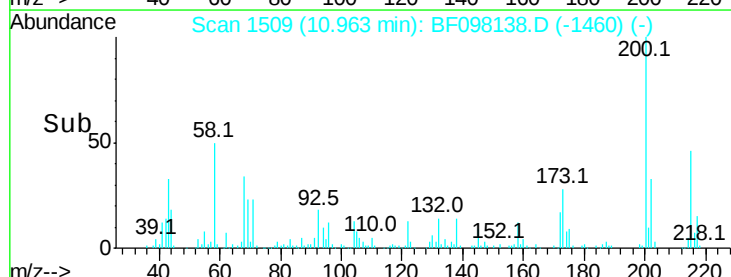
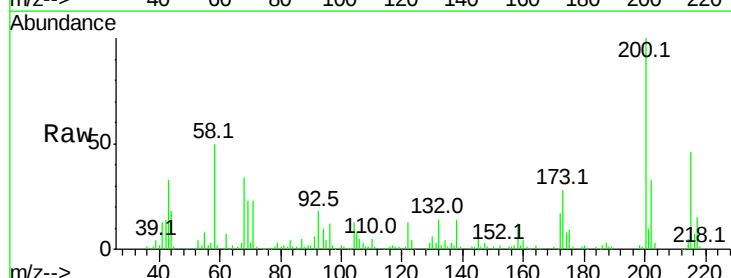
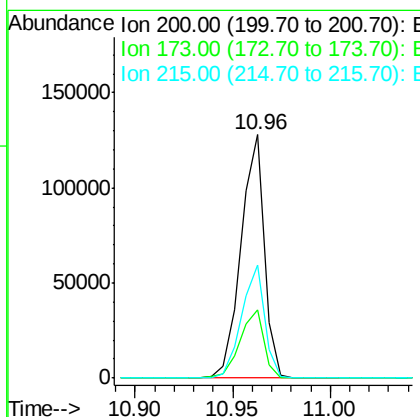
RT: 10.96 min Scan# 1509

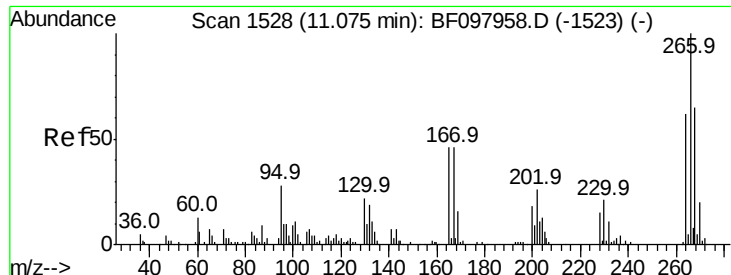
Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	200	Resp:	106576
Ion Ratio	Lower	Upper	
200	100		
173	28.3	6.3	46.3
215	46.5	27.2	67.2





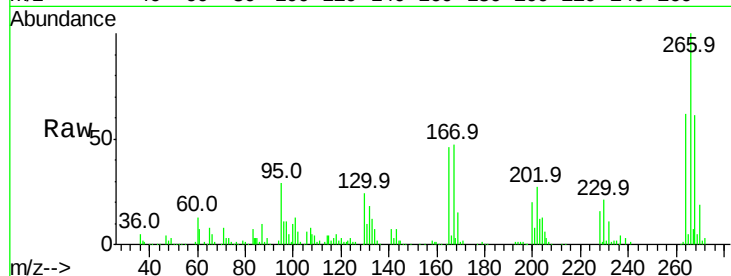
#69
 Pentachlorophenol
 Concen: 64.566 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

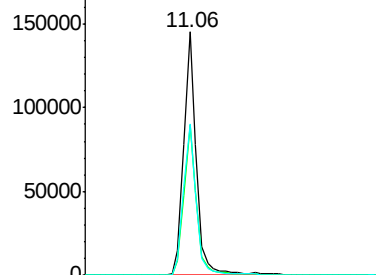
Tot Ion	Ratio	Resp	Lower	Upper
266	100	128598		
268	61.5	51.1	76.7	
264	62.0	51.7	77.5	

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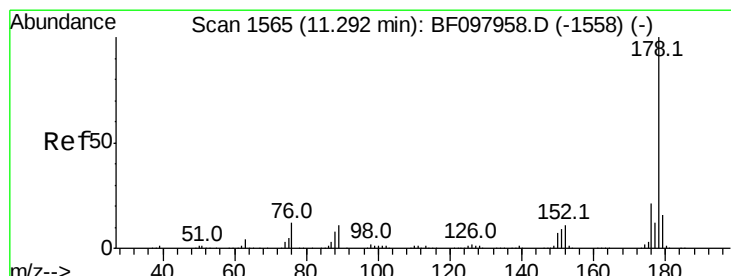
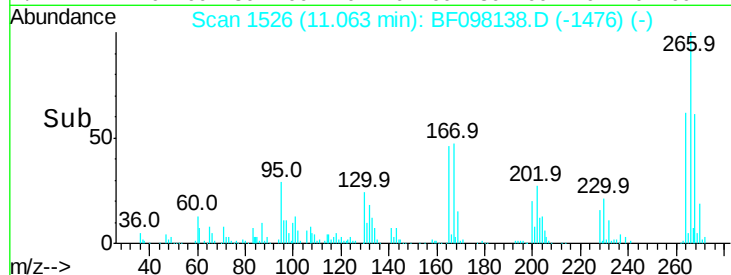
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Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

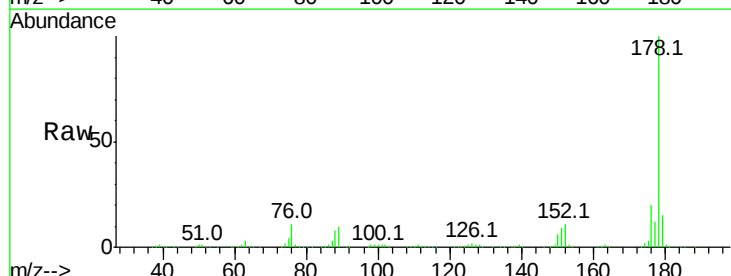


Time-->

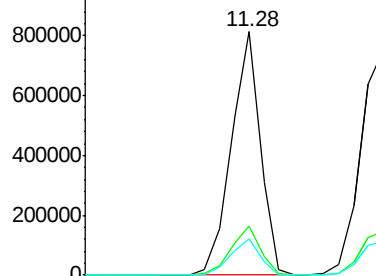


#70
 Phenanthrene
 Concen: 38.085 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

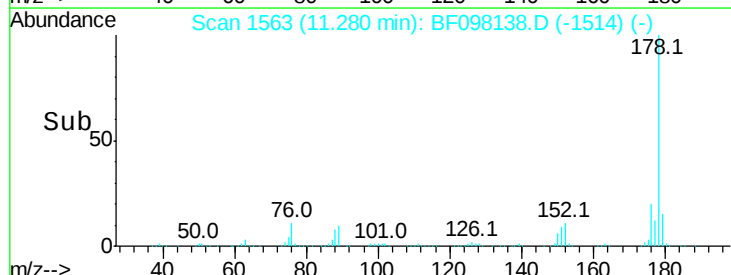
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	654984		
176	20.0	16.2	24.4	
179	14.9	12.6	19.0	

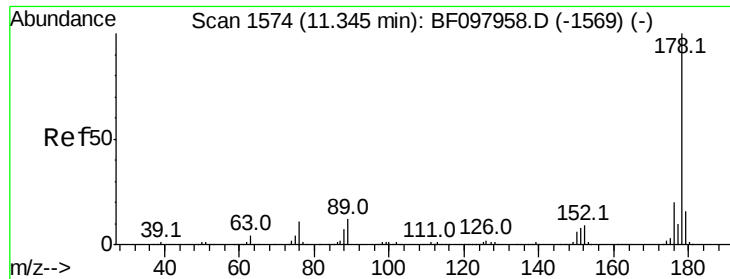


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





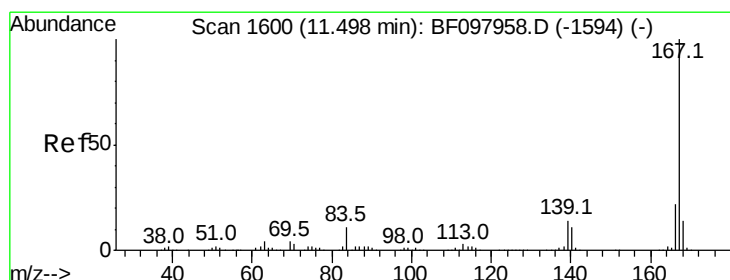
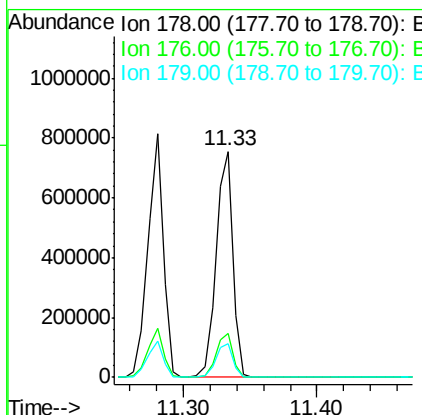
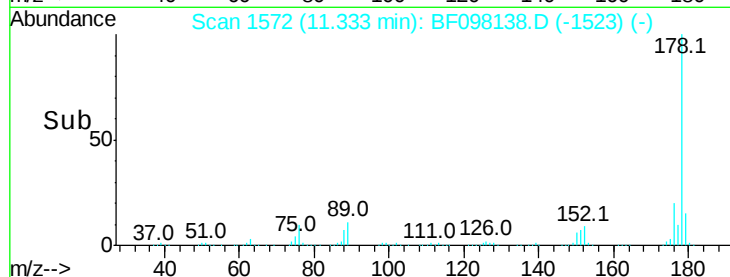
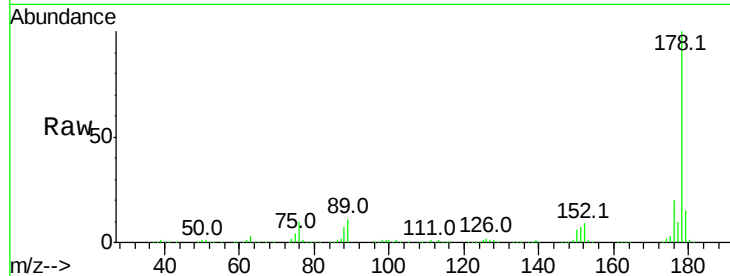
#71
 Anthracene
 Concen: 38.217 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.0	12.7	19.1

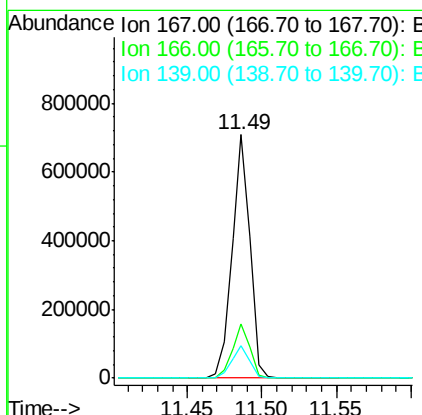
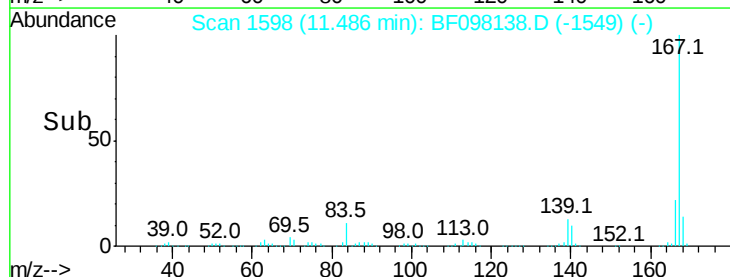
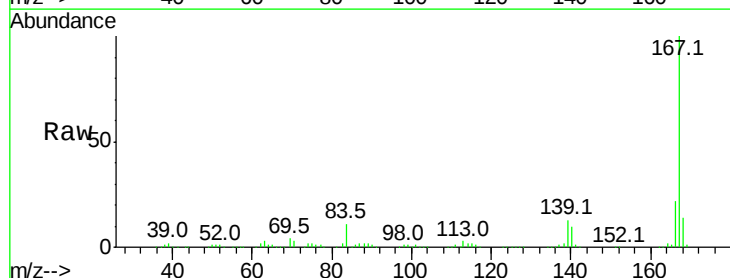
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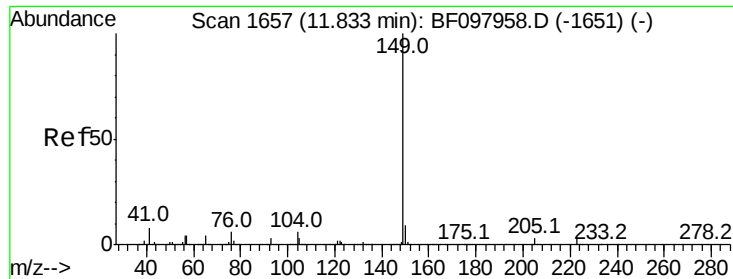
Sohil
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#72
 Carbazole
 Concen: 36.156 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 45.903 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

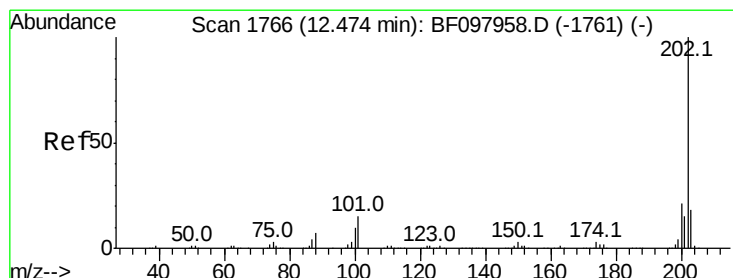
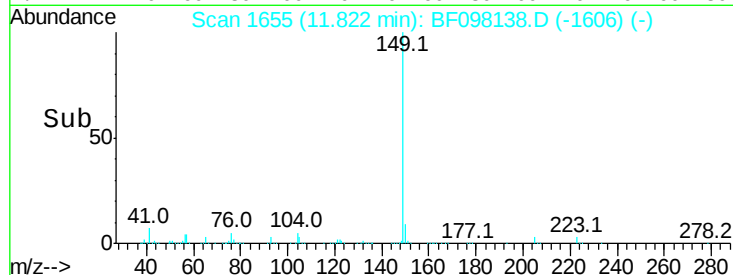
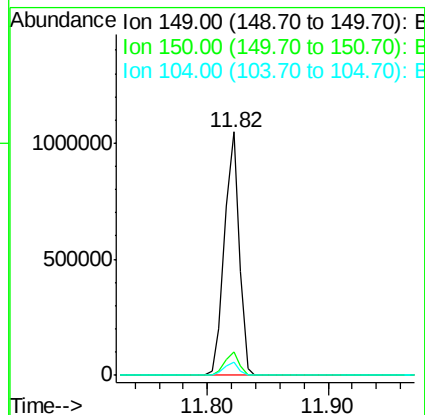
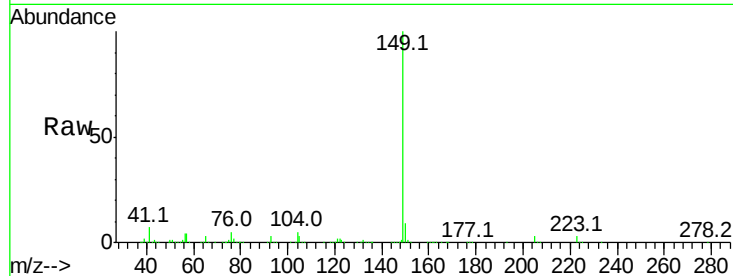
ClientSampleId :

SU-01-82517MSD

Tot Ion:	149	Resp:	875444
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.3	4.0	6.0

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#74

Fluoranthene

Concen: 35.410 ng

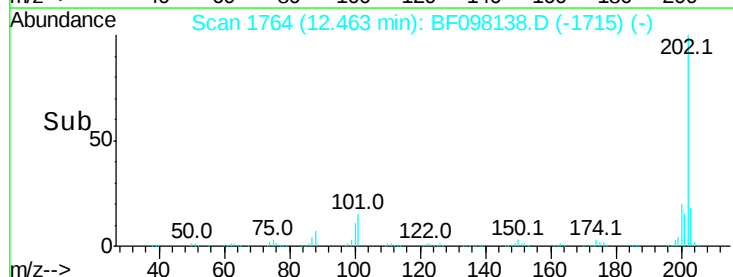
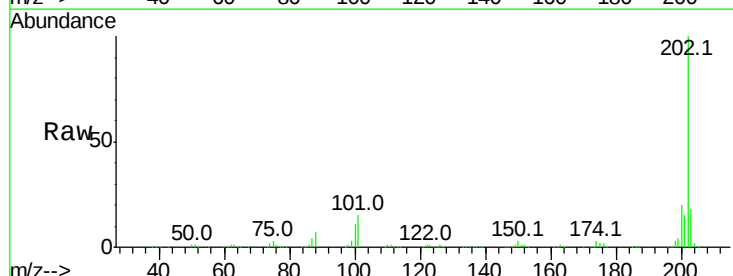
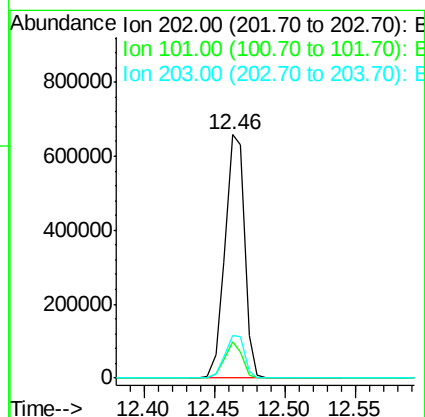
RT: 12.46 min Scan# 1764

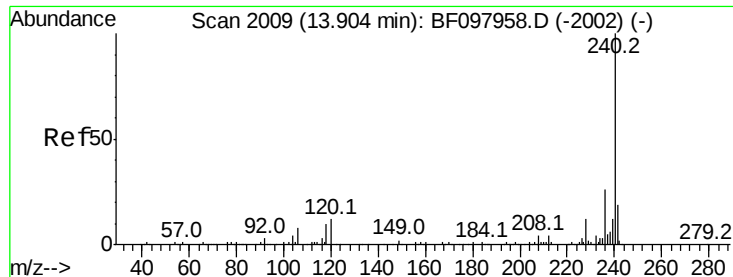
Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:	202	Resp:	635623
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

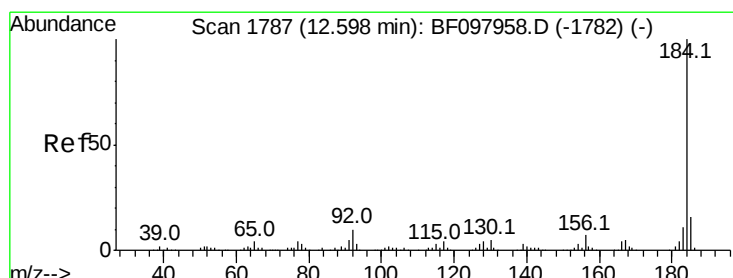
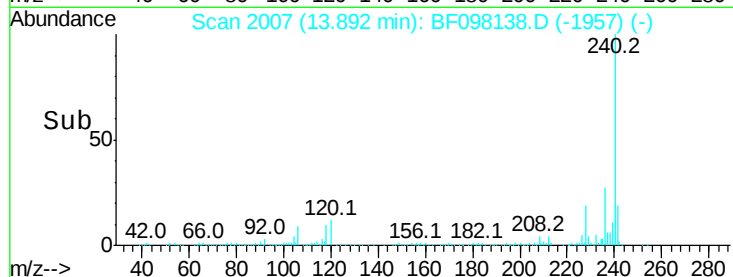
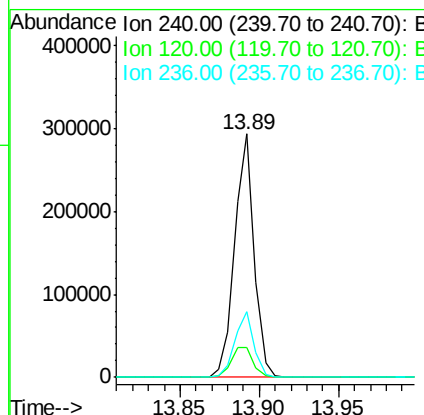
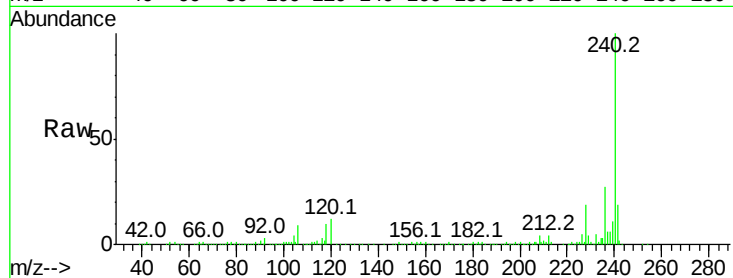
ClientSampleID :

SU-01-82517MSD

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	5.8	8.8#
236	26.9	20.5	30.7

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#76

Benzidine

Concen: 11.571 ng m

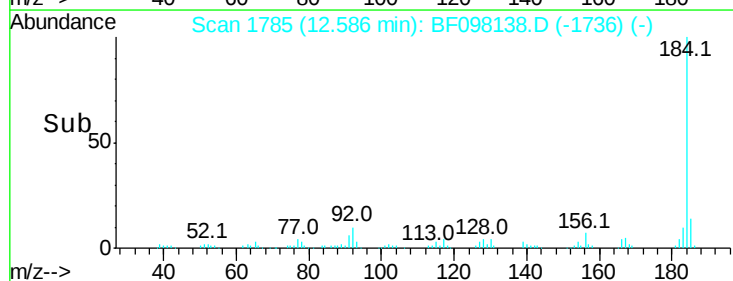
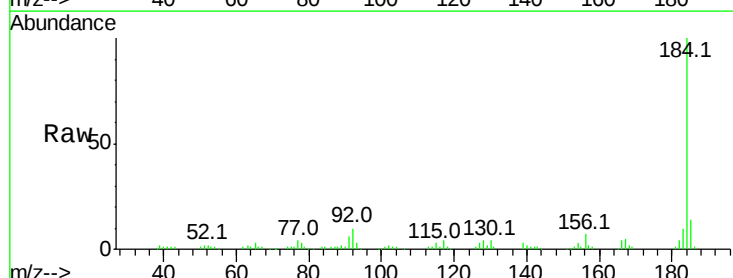
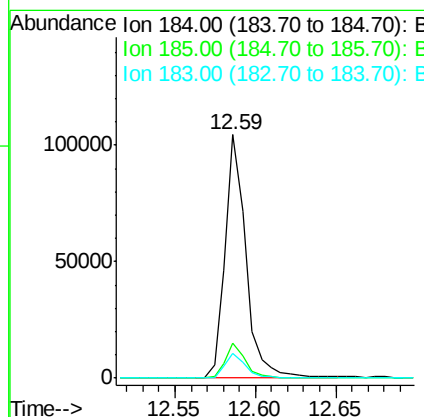
RT: 12.59 min Scan# 1785

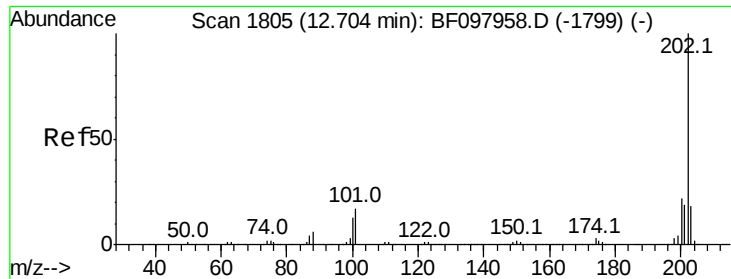
Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	10.4	9.8	14.6





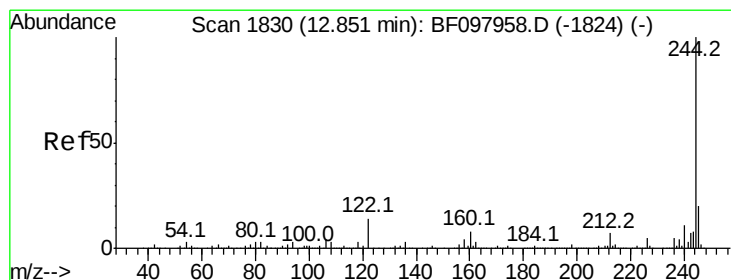
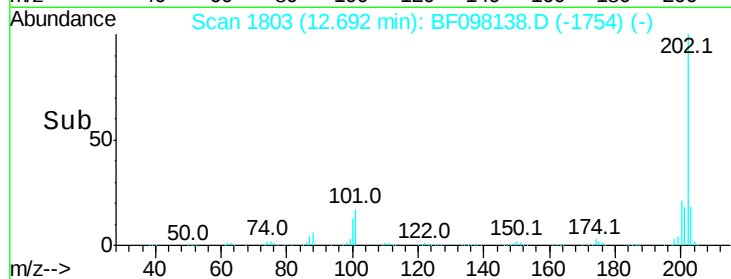
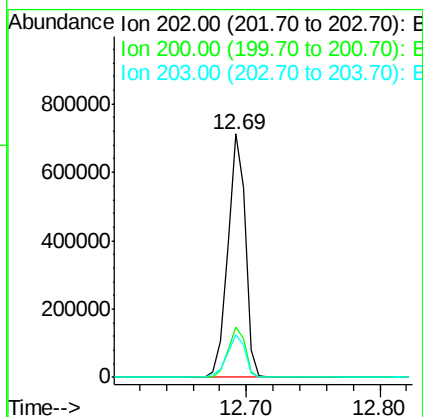
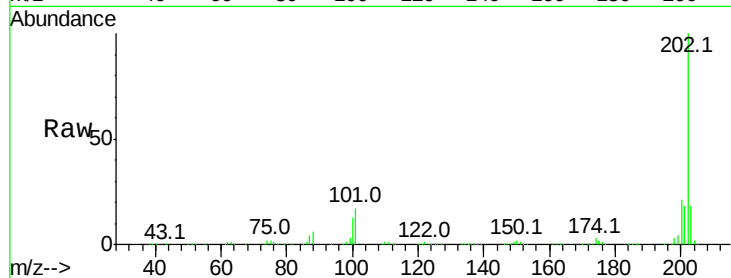
#77
Pvrene
Concen: 32.345 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.7	14.4	21.6

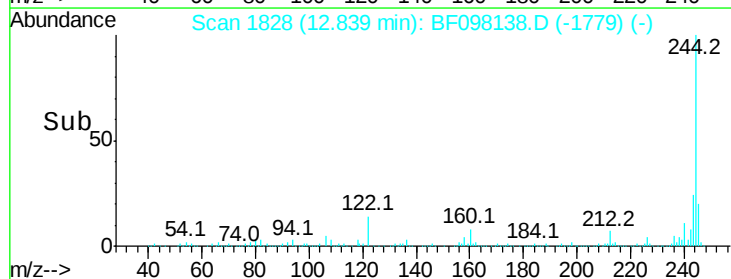
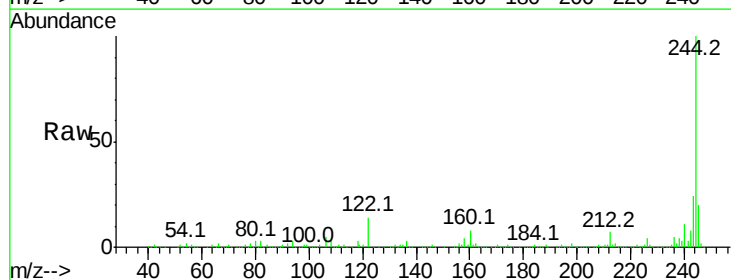
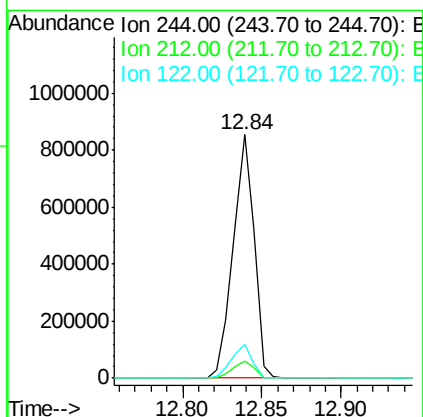
Manual Integrations
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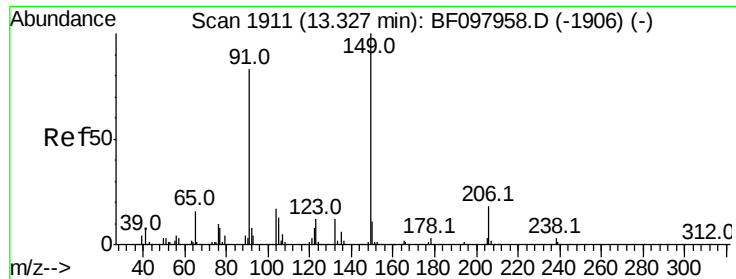
Sohil
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#78
Terphenyl-d14
Concen: 65.498 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5





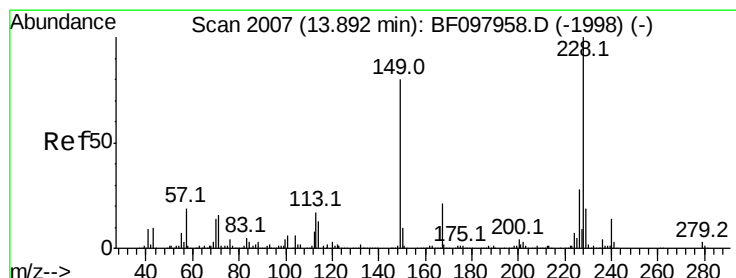
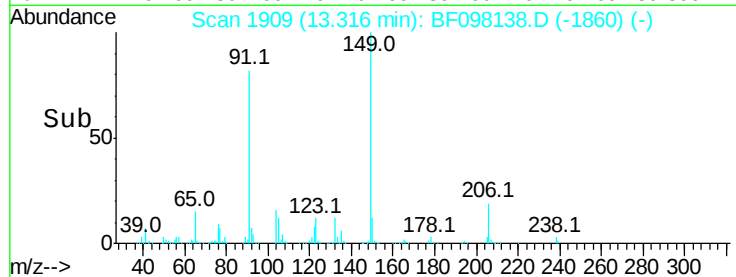
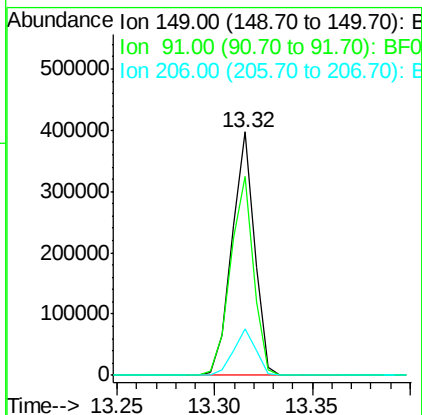
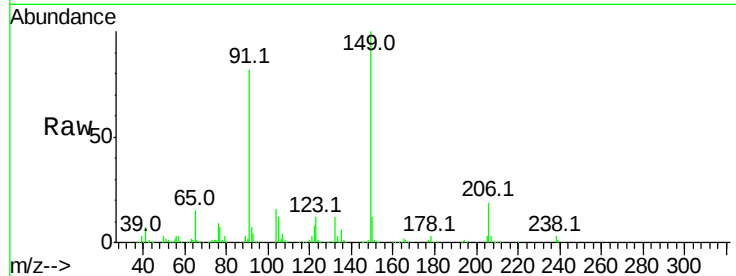
#79
Butylbenzylphthalate
Concen: 40.829 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	320192		
91	81.7	45.0	67.4#	
206	19.1	17.0	25.6	

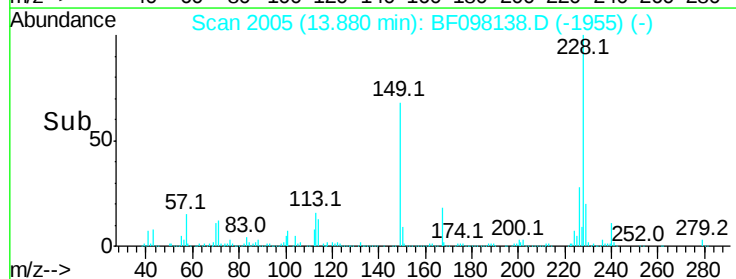
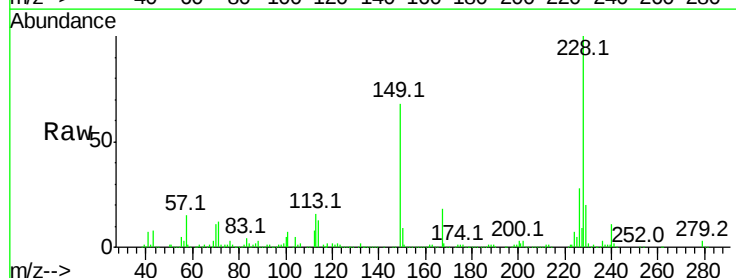
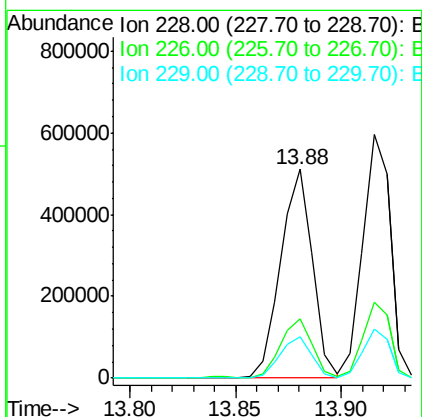
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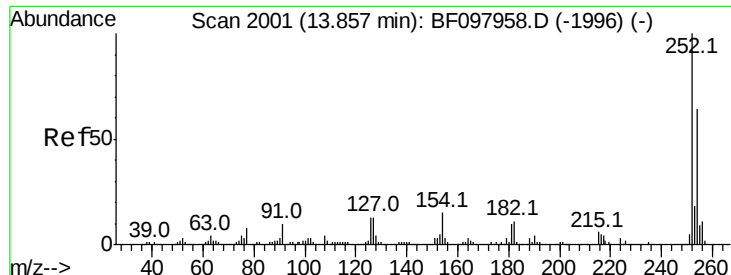
Sohil
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#80
Benzo(a)anthracene
Concen: 35.736 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	535643		
226	28.4	22.6	33.8	
229	19.8	16.3	24.5	





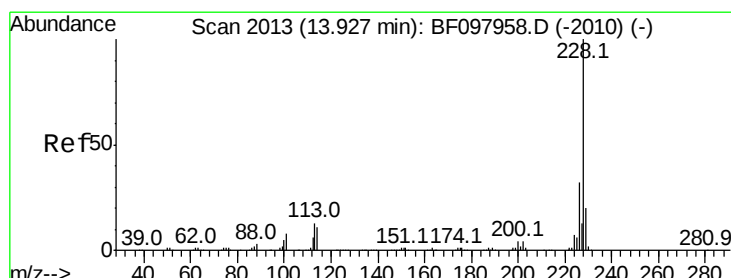
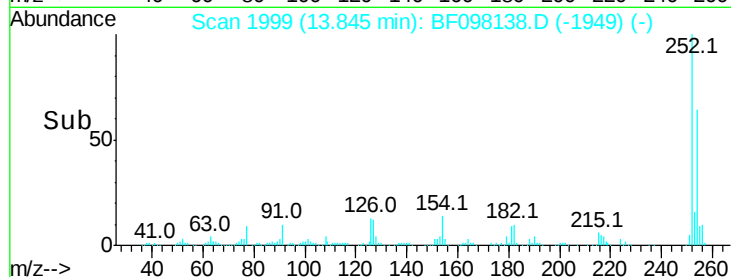
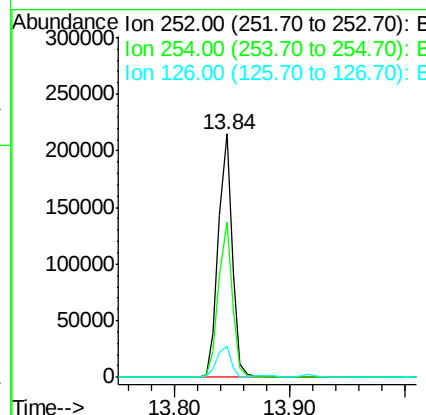
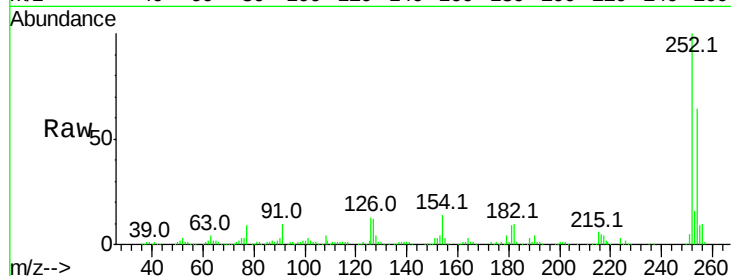
#81
 3,3'-Dichlorobenzidine
 Concen: 35.824 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	51.5	77.3
126	12.6	15.8	23.8

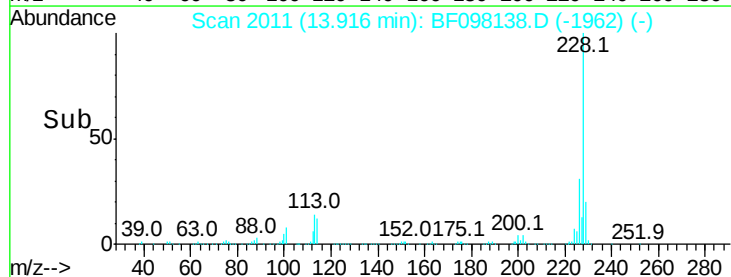
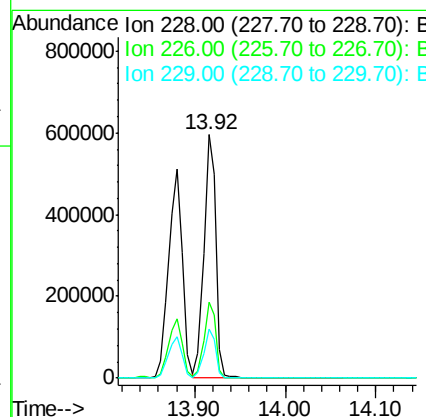
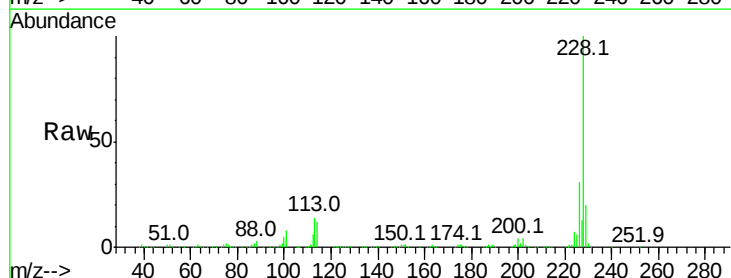
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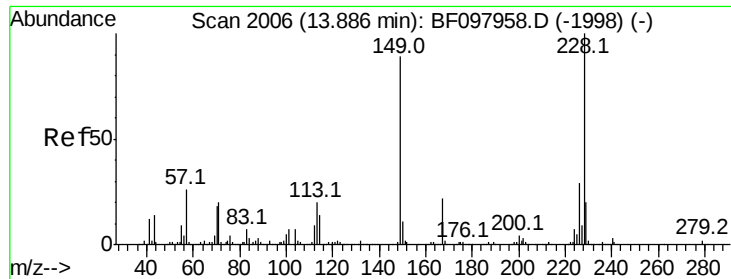
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#82
 Chrysene
 Concen: 36.842 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	15.8	23.6





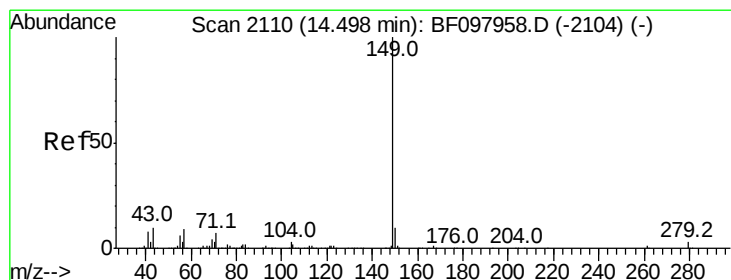
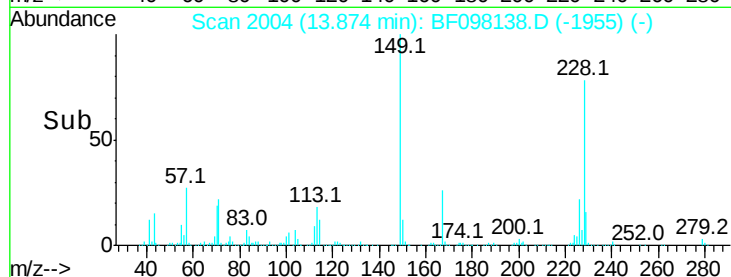
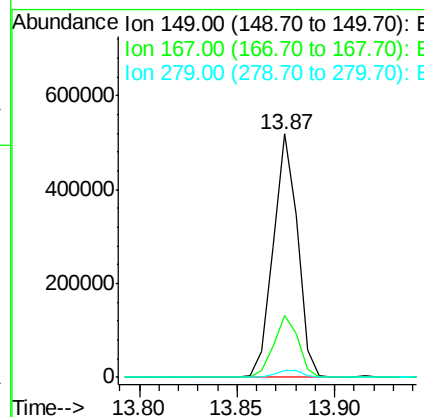
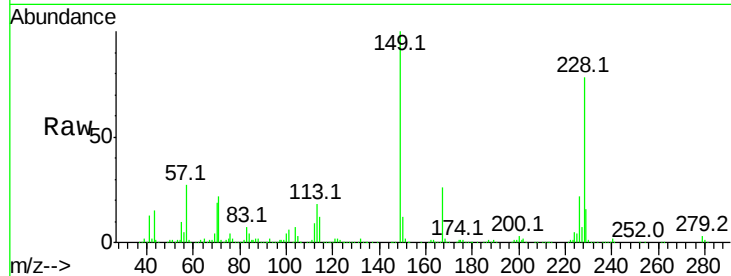
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.678 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	449089		
167	25.6		21.0	31.4
279	2.8		1.9	2.9

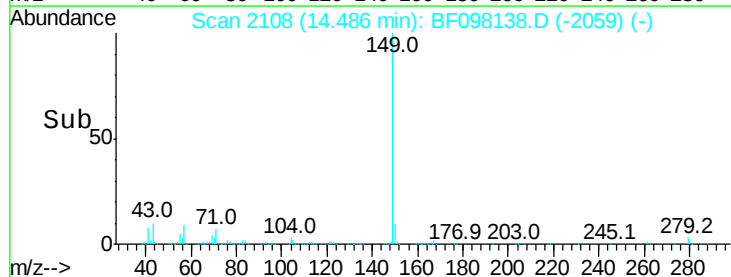
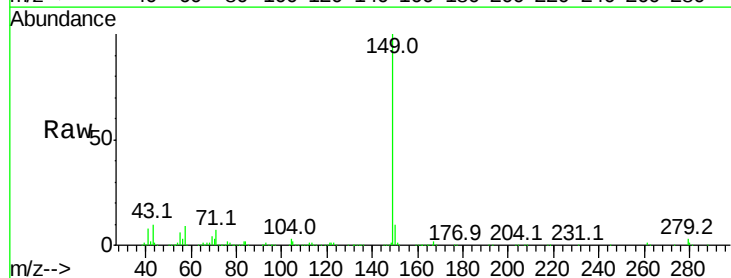
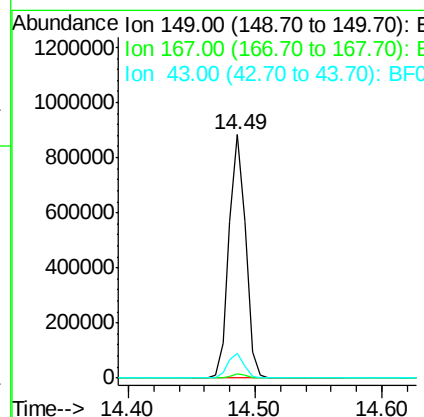
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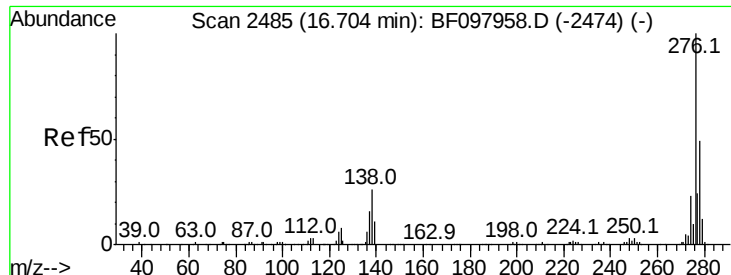
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#84
 Di-n-octyl phthalate
 Concen: 53.229 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	804846		
167	1.5		1.2	1.8
43	9.7		8.5	12.7





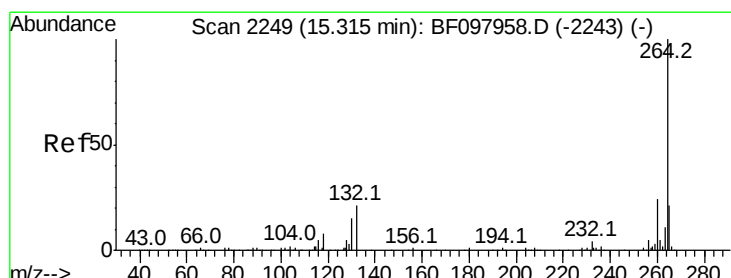
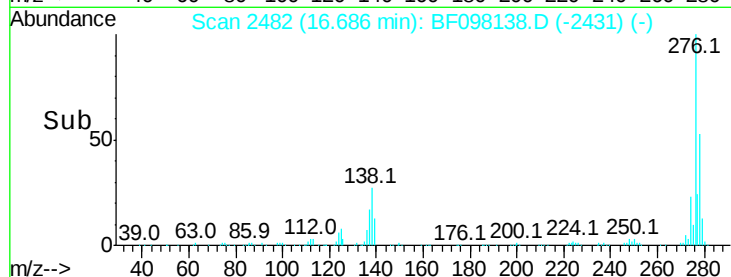
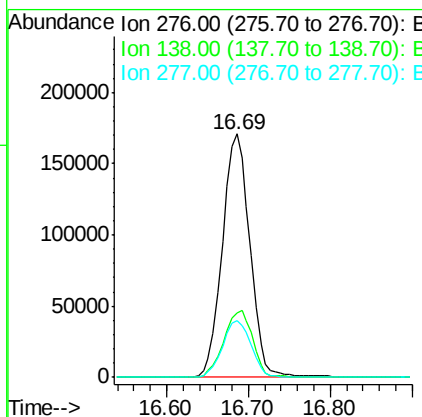
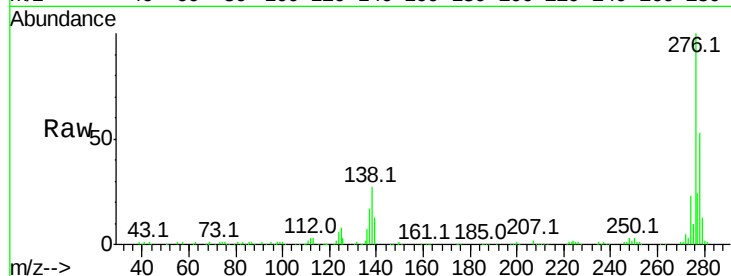
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.534 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	400736		
138	28.7		27.8	41.6
277	24.4		20.2	30.4

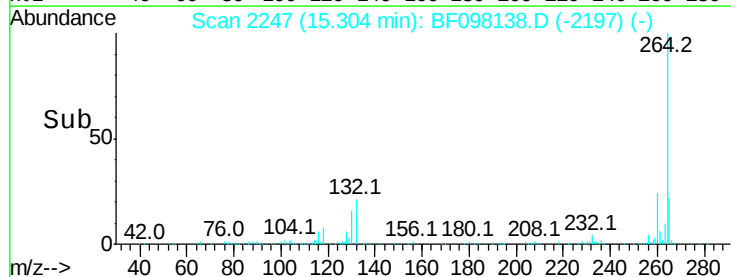
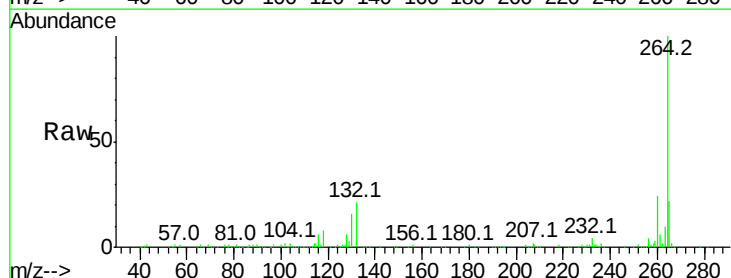
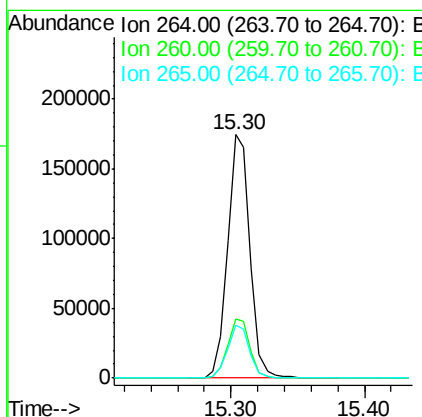
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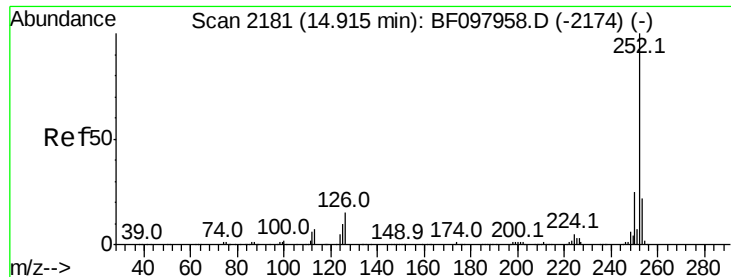
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	205039		
260	24.3		19.5	29.3
265	21.7		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.888 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

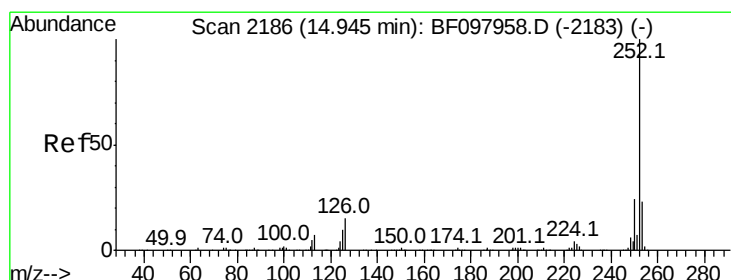
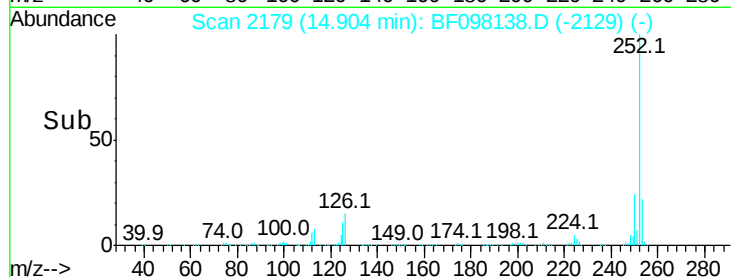
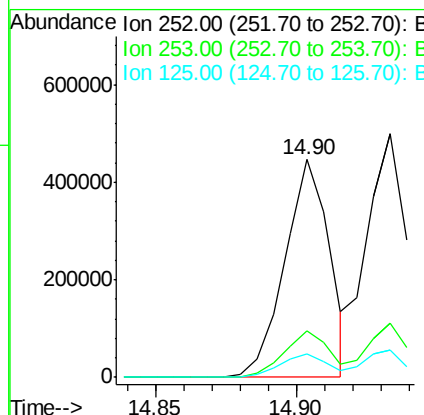
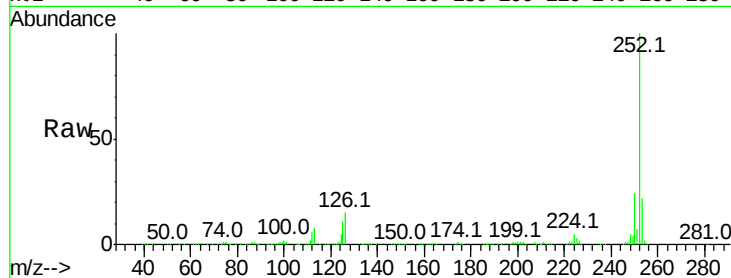
ClientSampleId :

SU-01-82517MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	10.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 40.276 ng

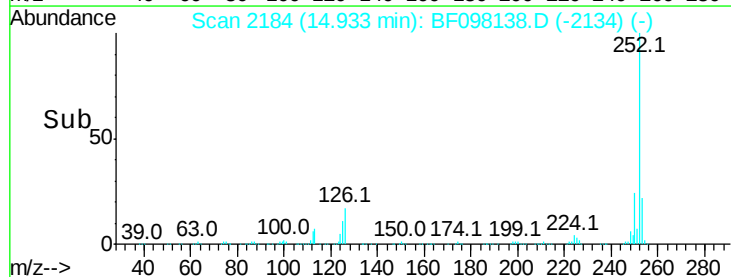
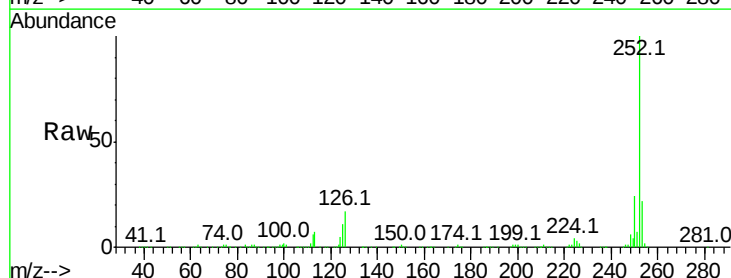
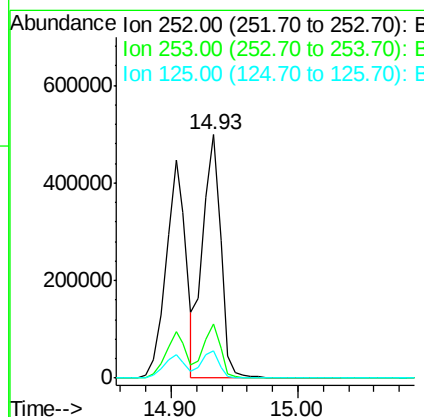
RT: 14.93 min Scan# 2184

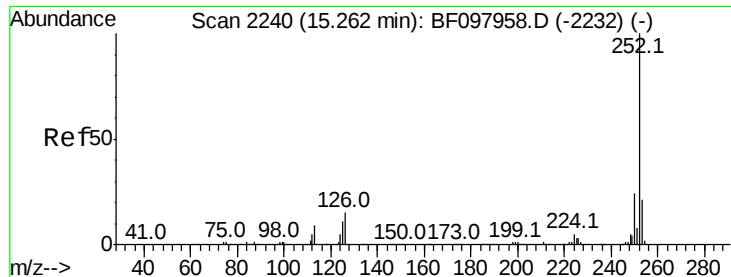
Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	11.2	13.1	19.7#





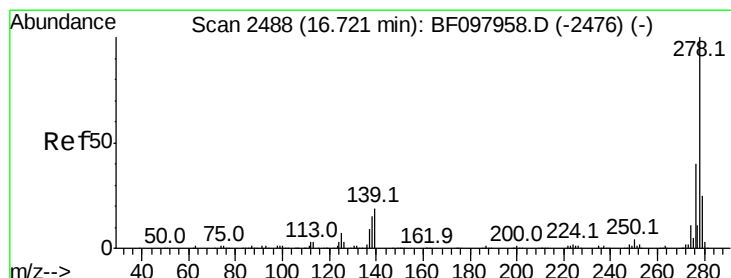
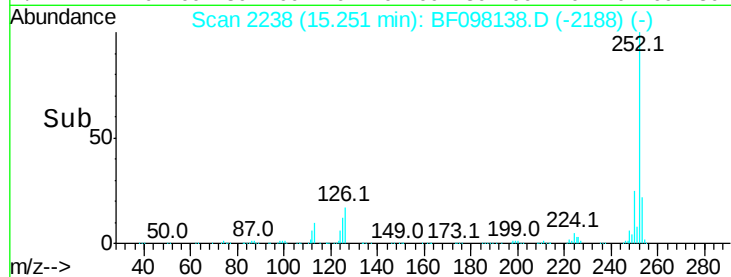
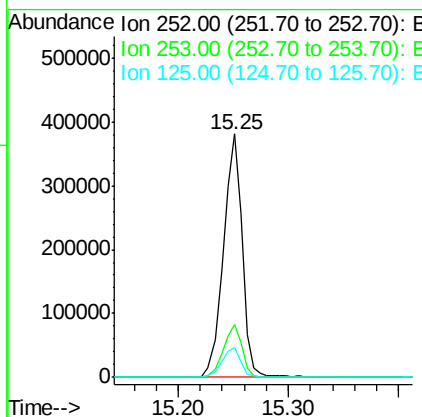
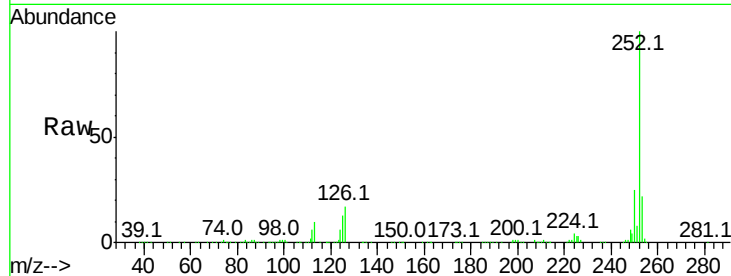
#89
Benzo(a)pyrene
Concen: 39.512 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Tot Ion:	252	Resp:	452079
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	12.5	11.0	16.4

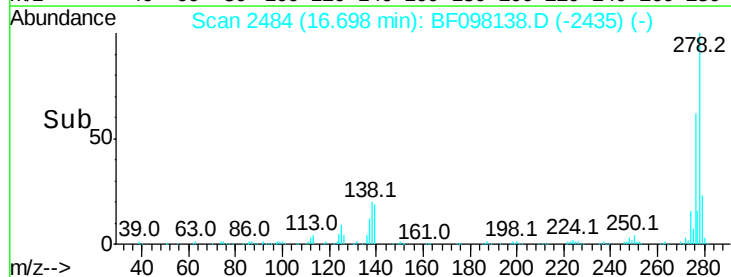
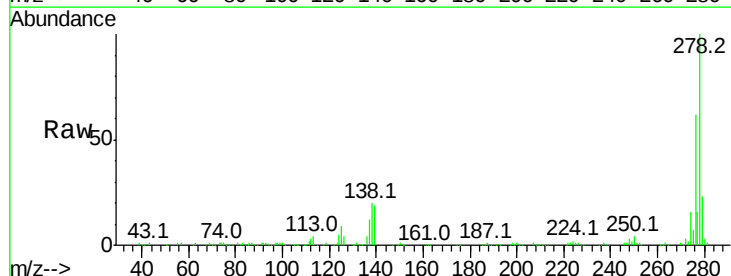
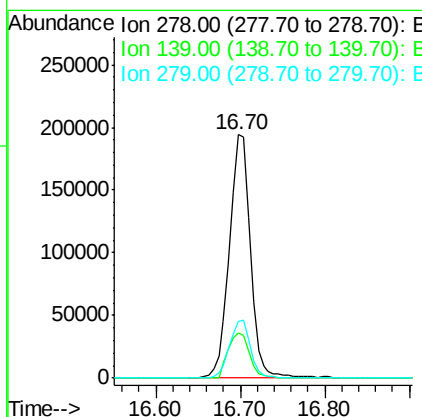
Manual Integrations
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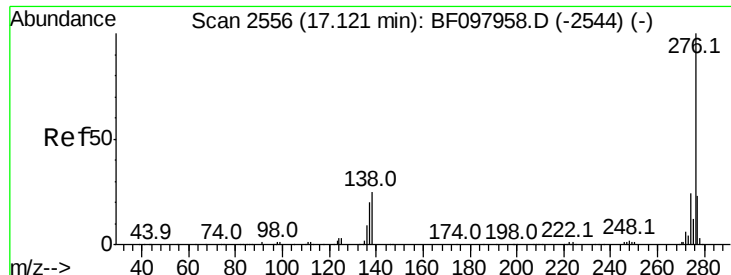
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 35.904 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:	278	Resp:	334434
Ion Ratio	Lower	Upper	
278	100		
139	18.8	16.6	24.8
279	23.5	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 33.190 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

SU-01-82517MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.5	18.6	28.0
138	23.8	25.4	38.0

Manual Integrations
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