

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097738.D
 Acq On : 16 Aug 2017 14:54
 Operator : SJ/JU
 Sample : I4758-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:57:33 PM

Quant Time: Aug 17 01:34:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	143444	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	583220	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	269469	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	498367	20.00	ng	0.00
75) Chrysene-d12	13.94	240	318205	20.00	ng	0.00
86) Perylene-d12	15.36	264	237274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1164565	123.49	ng	0.02
7) Phenol-d6	6.42	99	1509962	117.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	1045918	97.42	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	350908	150.08	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1559930	85.05	ng	0.00
78) Terphenyl-d14	12.89	244	1345041	88.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	164212	31.223	ng	# 76
4) n-Nitrosodimethylamine	3.28	42	191032	34.147	ng	# 79
8) 2-Chlorophenol	6.57	128	418439	42.074	ng	96
9) Benzaldehyde	6.33	77	198020	24.399	ng	88
10) Phenol	6.43	94	533357	35.591	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	466886	41.278	ng	98
12) 1,3-Dichlorobenzene	6.72	146	373666	34.929	ng	# 92
13) 1,4-Dichlorobenzene	6.80	146	383168	35.217	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	362347	36.119	ng	99
15) Benzyl Alcohol	6.92	79	412414	42.991	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	640931	42.116	ng	92
17) 2-Methylphenol	7.03	107	393291	44.874	ng	95
18) Hexachloroethane	7.29	117	155612	36.480	ng	# 79
19) n-Nitroso-di-n-propylamine	7.20	70	368364	41.996	ng	90
20) 3+4-Methylphenols	7.19	107	459893	42.962	ng	96
22) Acetophenone	7.19	105	636518	41.313	ng	# 92
24) Nitrobenzene	7.36	77	548946	45.923	ng	91
25) Isophorone	7.61	82	1030322	46.154	ng	98
26) 2-Nitrophenol	7.68	139	213356	49.127	ng	# 79
27) 2,4-Dimethylphenol	7.72	122	386849	41.551	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	632642	43.106	ng	99
29) 2,4-Dichlorophenol	7.92	162	351901	45.534	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	333463	38.922	ng	99
31) Naphthalene	8.09	128	1196769	39.526	ng	99
32) Benzoic acid	7.85	122	272590	41.227	ng	88
33) 4-Chloroaniline	8.13	127	37557	2.941	ng	97
34) Hexachlorobutadiene	8.20	225	191627	38.308	ng	99
35) Caprolactam	8.51	113	86444m	32.902	ng	
36) 4-Chloro-3-methylphenol	8.62	107	440841	44.397	ng	# 78
37) 2-Methylnaphthalene	8.77	142	813194	43.807	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	319842	38.675	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	374149	94.174	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	252112	45.408	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	249470	45.291	ng	96

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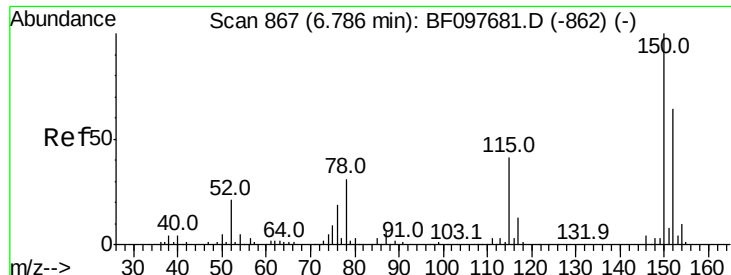
Manual Integrations
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Sohil
 8/17/2017 5:57:33 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.25	154	977050	39.761	nq	97
46) 2-Chloronaphthalene	9.27	162	717394	39.512	nq	# 93
47) 2-Nitroaniline	9.36	65	290901	47.792	nq	97
48) Acenaphthylene	9.68	152	1188883	41.698	nq	100
49) Dimethylphthalate	9.55	163	872586	44.300	nq	99
50) 2,6-Dinitrotoluene	9.60	165	189394	48.170	nq	# 48
51) Acenaphthene	9.85	154	730264	40.610	nq	99
52) 3-Nitroaniline	9.77	138	110984	21.878	nq	83
53) 2,4-Dinitrophenol	9.88	184	192735	100.129	nq	# 74
54) Dibenzofuran	10.03	168	1065705	44.220	nq	99
55) 4-Nitrophenol	9.93	139	326316	80.639	nq	# 36
56) 2,4-Dinitrotoluene	10.01	165	248148	50.291	nq	# 56
57) Fluorene	10.37	166	771242	41.391	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	218529	51.243	nq	93
59) Diethylphthalate	10.25	149	923741	44.845	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	368301	42.547	nq	# 86
61) 4-Nitroaniline	10.39	138	194742	40.392	nq	# 71
62) Azobenzene	10.52	77	1101757	45.029	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	119546	50.401	nq	# 81
65) n-Nitrosodiphenylamine	10.48	169	734208	43.263	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	233181	45.057	nq	96
67) Hexachlorobenzene	10.91	284	223719	42.412	nq	# 81
68) Atrazine	11.01	200	228475	50.765	nq	98
69) Pentachlorophenol	11.10	266	272693	88.664	nq	99
70) Phenanthrene	11.33	178	1119585	42.159	nq	99
71) Anthracene	11.38	178	1125064	41.769	nq	100
72) Carbazole	11.53	167	1067822	41.765	nq	99
73) Di-n-butylphthalate	11.87	149	1417734	48.140	nq	99
74) Fluoranthene	12.51	202	1152963	41.595	nq	97
77) Pyrene	12.74	202	1149014	44.150	nq	99
79) Butylbenzylphthalate	13.37	149	559246	56.047	nq	# 76
80) Benzo(a)anthracene	13.92	228	800703	41.985	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	206770	32.130	nq	# 96
82) Chrysene	13.96	228	788720	41.574	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	690756	62.472	nq	# 100
84) Di-n-octyl phthalate	14.54	149	1213844	63.094	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	675831	48.425	nq	95
87) Benzo(b)fluoranthene	14.95	252	672252	44.948	nq	99
88) Benzo(k)fluoranthene	14.98	252	587624	41.820	nq	# 95
89) Benzo(a)pyrene	15.30	252	602529	45.507	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	552993	51.302	nq	97
91) Benzo(g,h,i)perylene	17.19	276	573012	50.947	nq	# 92

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



#1

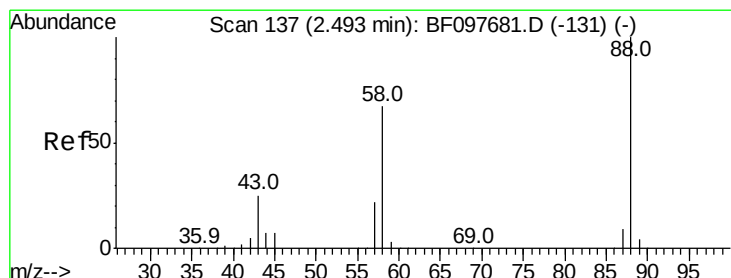
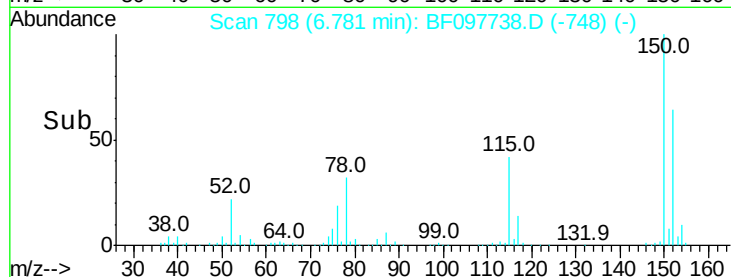
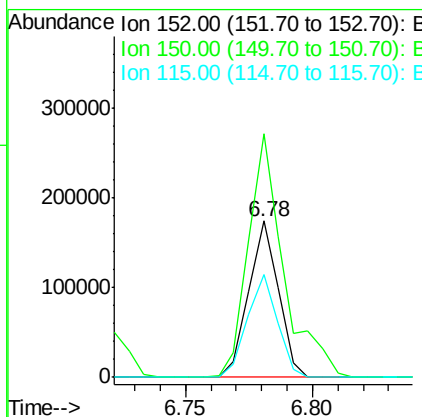
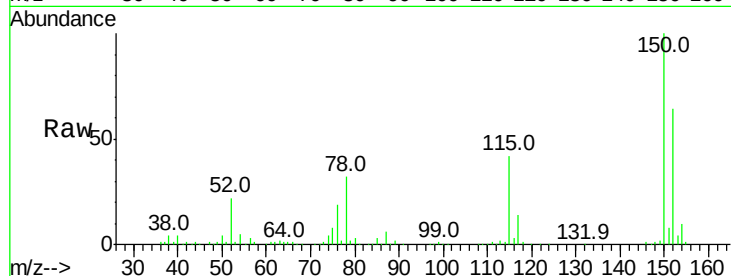
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	65.7	52.2	78.2

Manual Integrations
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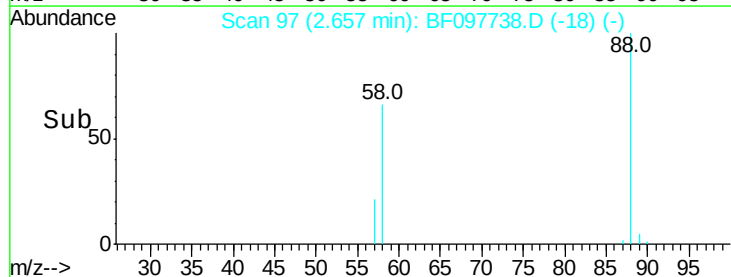
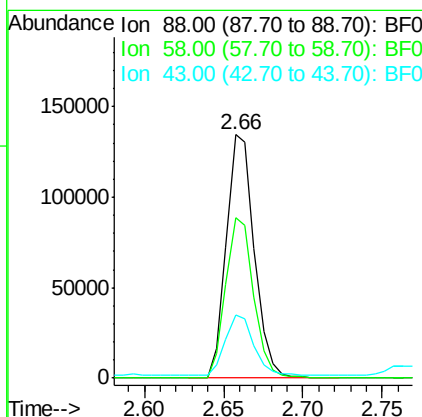
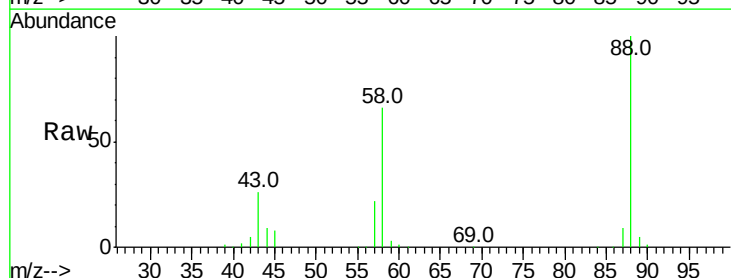
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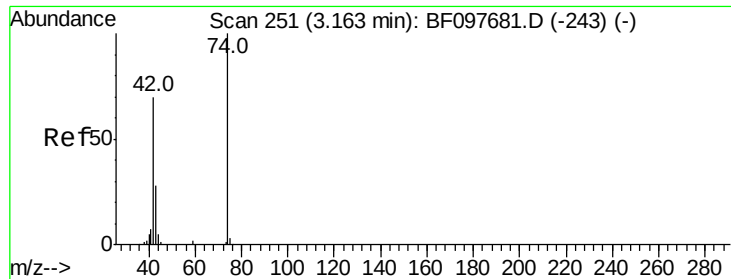


#2

1,4-Dioxane
Concen: 31.223 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.16 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	61.4	92.0
43	0.0	23.4	35.0





#4

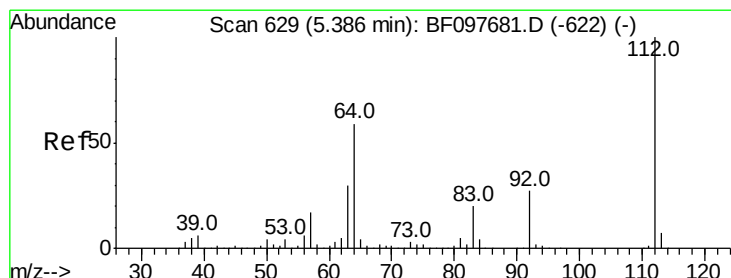
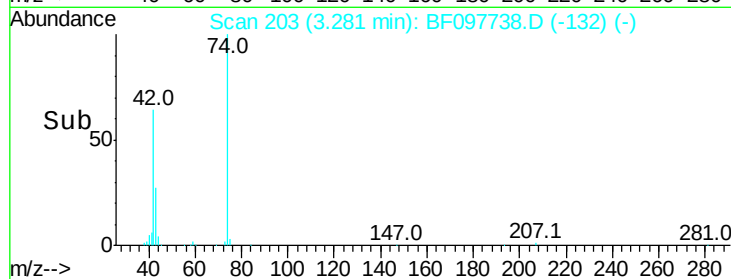
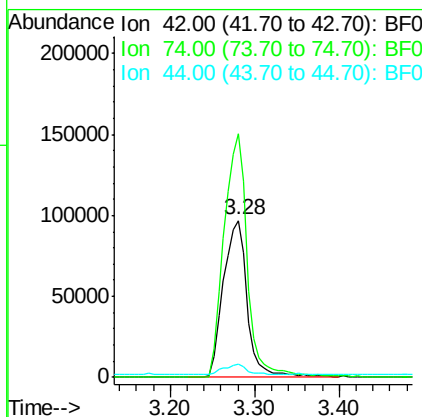
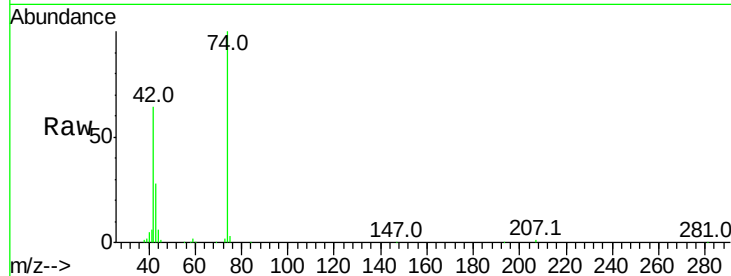
n-Nitrosodimethylamine
Concen: 34.147 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.12 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	155.1	103.9	155.9
44	8.6	5.7	8.5#

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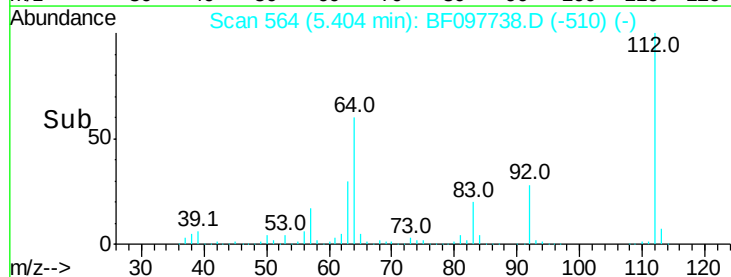
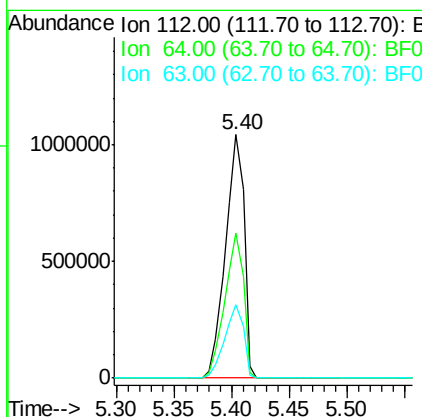
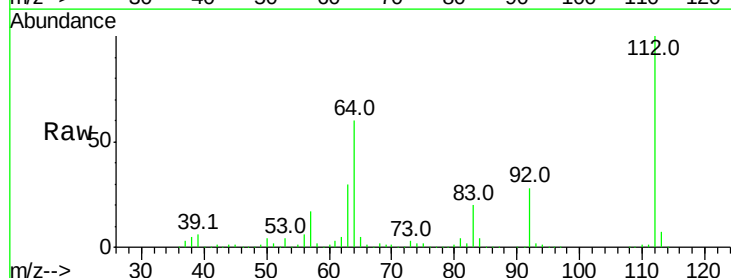
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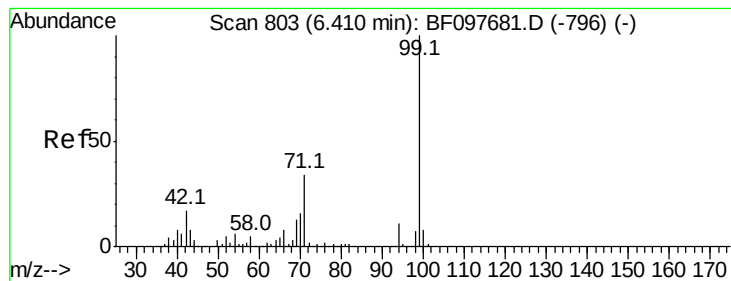


#5

2-Fluorophenol
Concen: 123.490 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.0	69.0
63	30.2	23.4	35.0





#7

Phenol-d6

Concen: 117.844 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MSD

Tot Ion: 99 Resp: 1509962

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

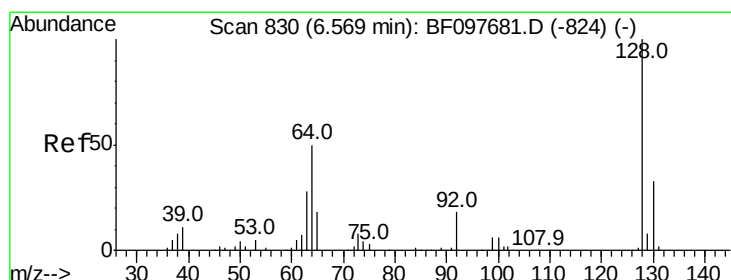
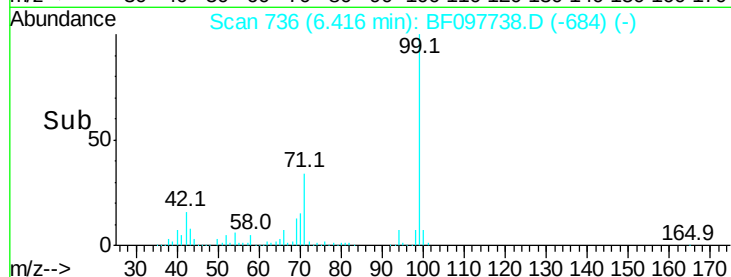
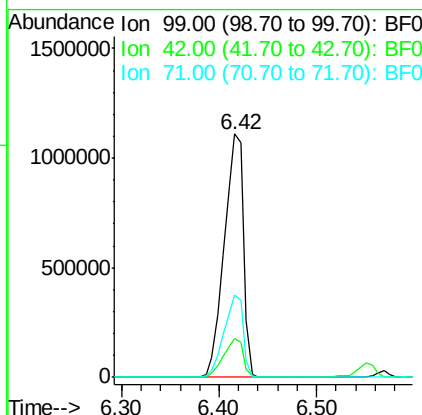
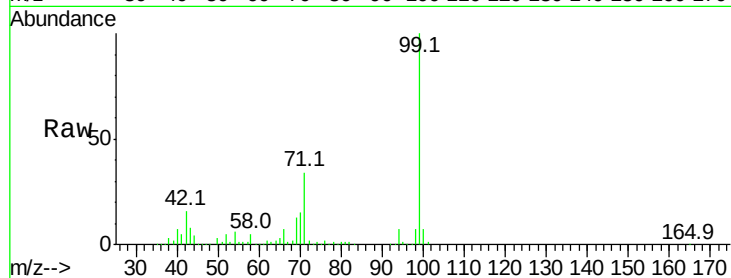
71 33.6 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.074 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

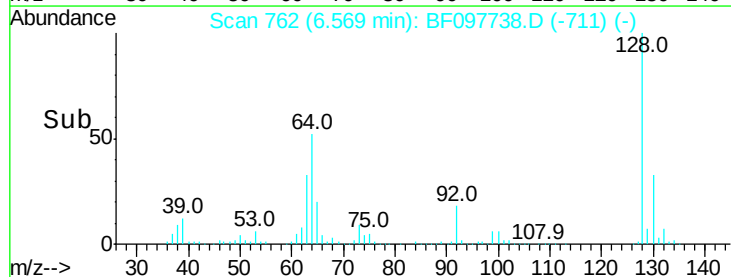
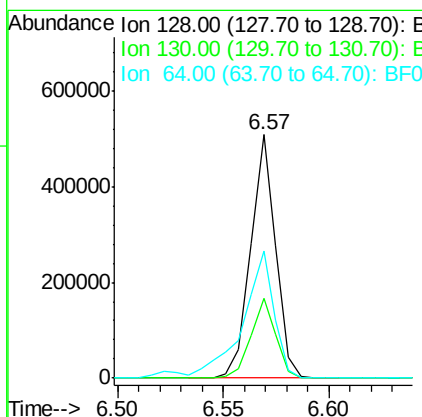
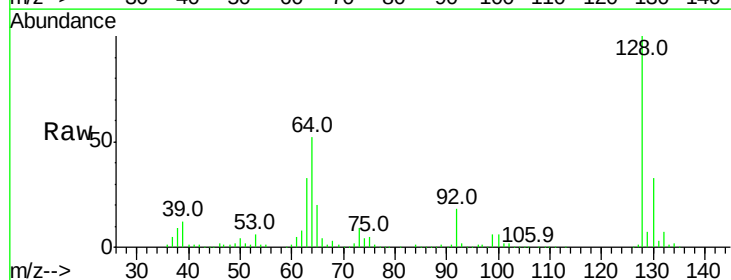
Tgt Ion: 128 Resp: 418439

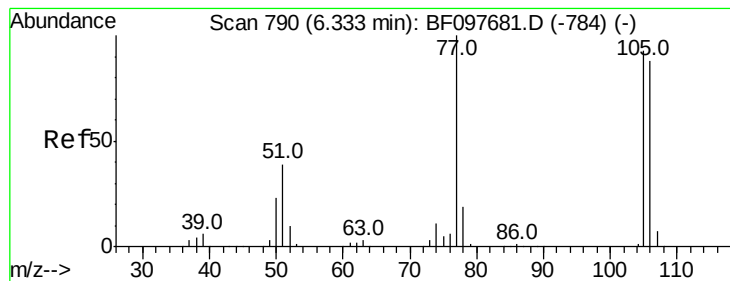
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 52.3 28.4 68.4





#9

Benzaldehyde

Concen: 24.399 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

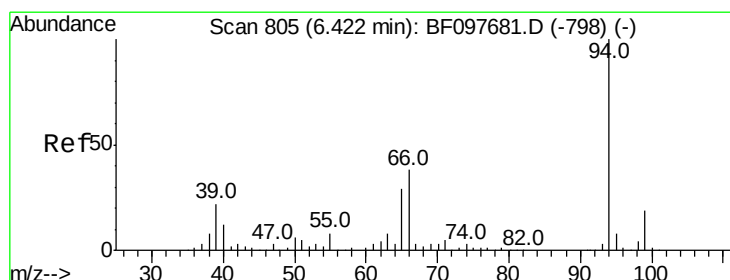
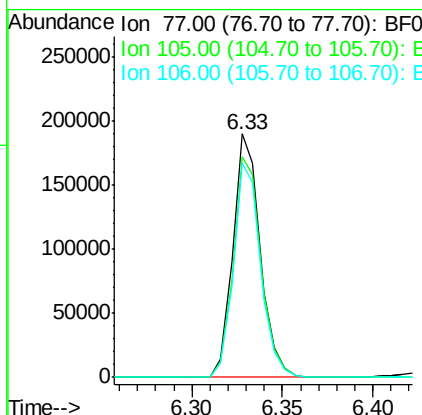
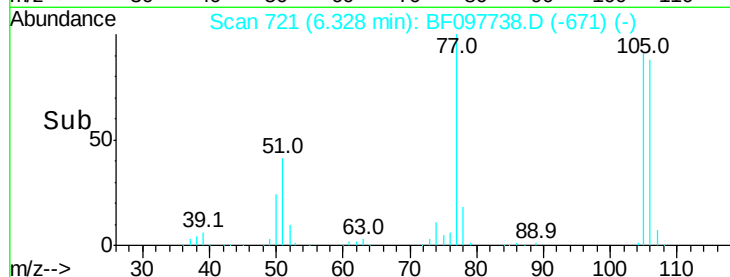
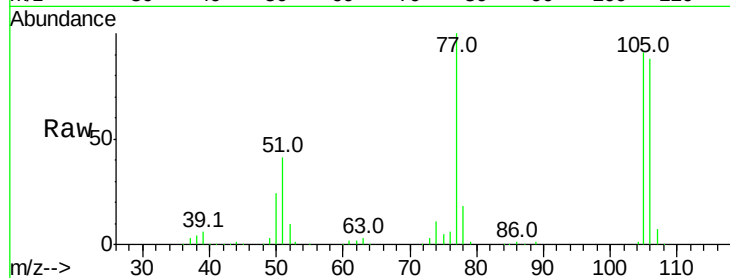
ClientSampleId :

SU-02-081117MSD

Tot Ion:	77	Resp:	198020
Ion Ratio	Lower	Upper	
77	100		
105	90.9	83.8	123.8
106	88.2	79.1	119.1

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#10

Phenol

Concen: 35.591 ng

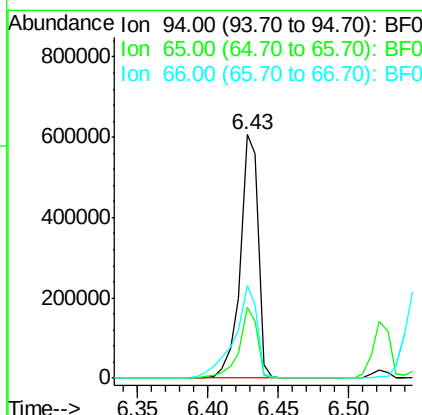
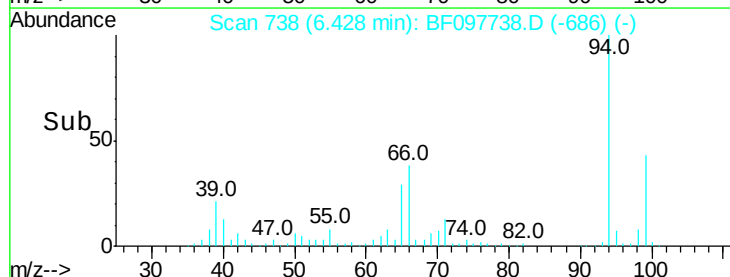
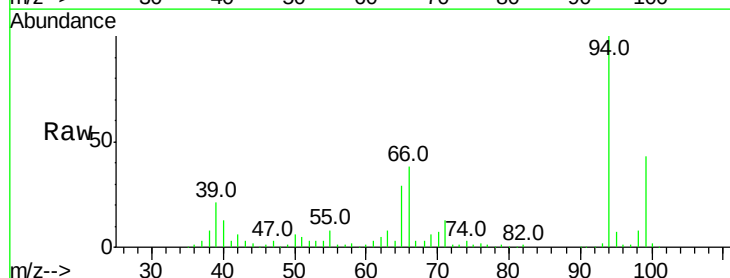
RT: 6.43 min Scan# 738

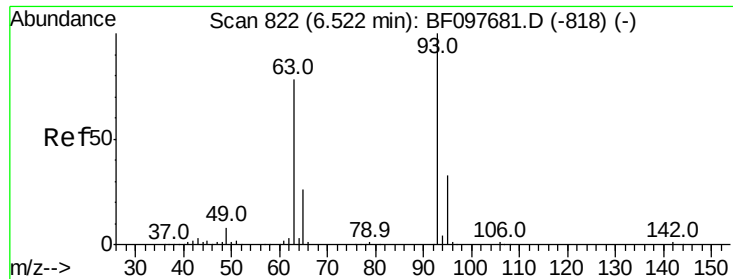
Delta R.T. 0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion:	94	Resp:	533357
Ion Ratio	Lower	Upper	
94	100		
65	28.8	9.9	49.9
66	38.2	23.1	63.1





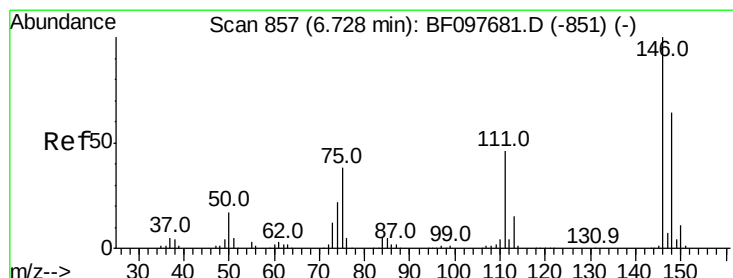
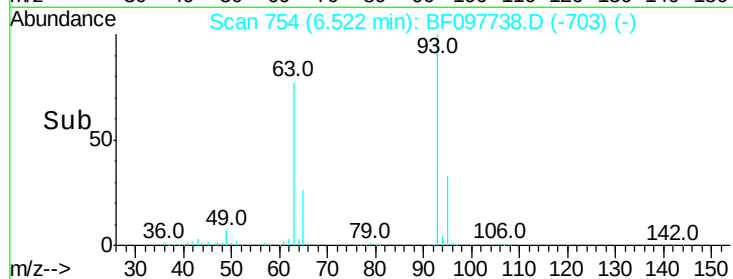
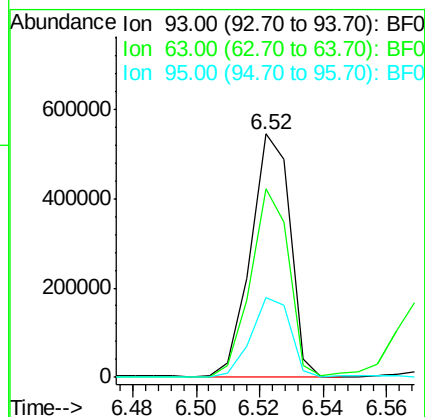
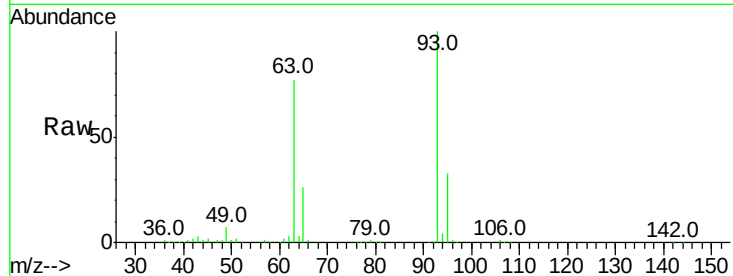
#11
bis(2-Chloroethyl)ether
Concen: 41.278 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	466886		
63	77.4	59.2	99.2	
95	32.9	12.8	52.8	

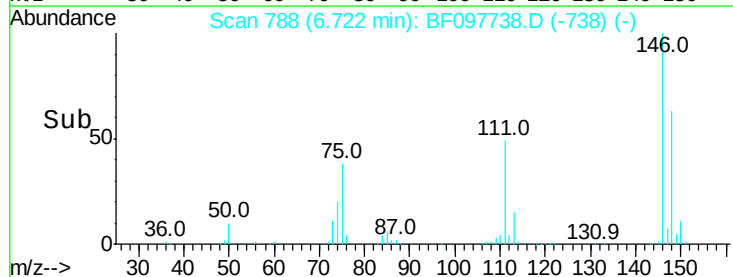
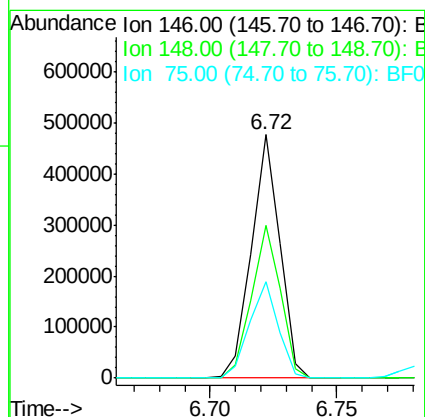
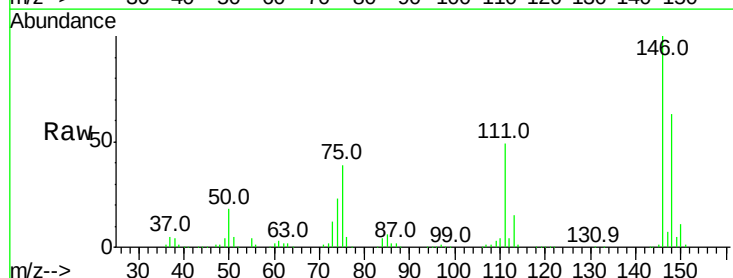
Manual Integrations
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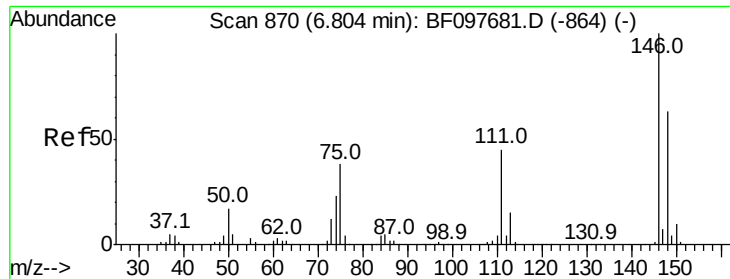
Sohil
8/17/2017 5:57:33 PM



#12
1,3-Dichlorobenzene
Concen: 34.929 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097738.D
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Tgt Ion	Ratio	Resp	Lower	Upper
146	100	373666		
148	62.6	51.8	77.6	
75	39.5	23.1	34.7#	





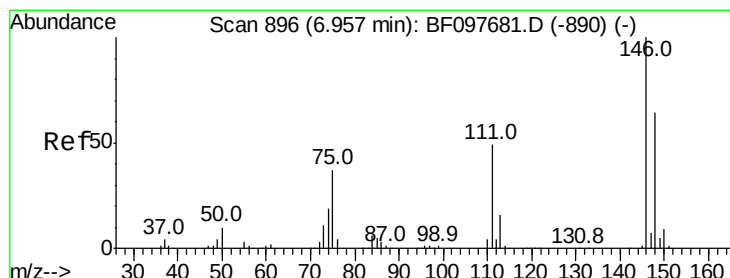
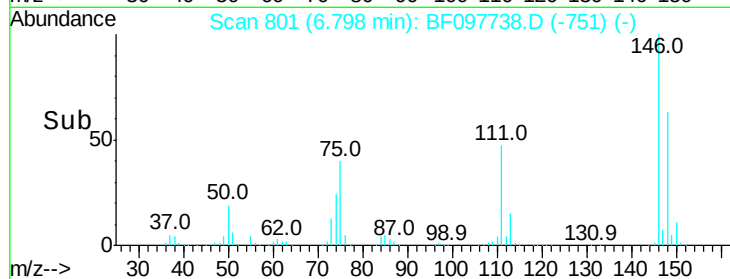
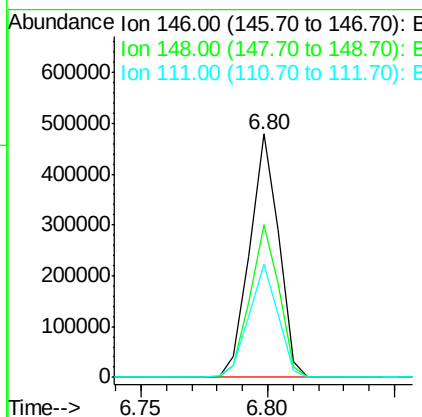
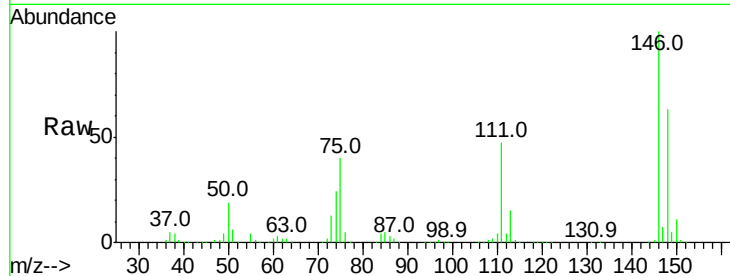
#13
 1,4-Dichlorobenzene
 Concen: 35.217 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	46.6	30.3	45.5#

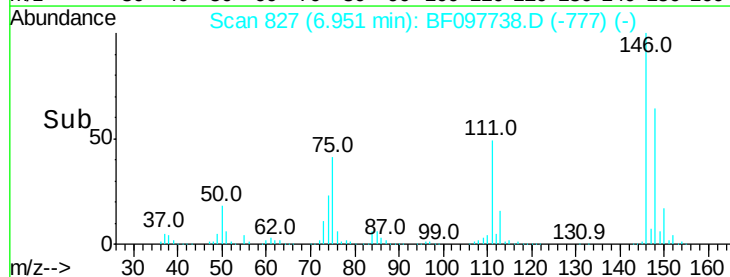
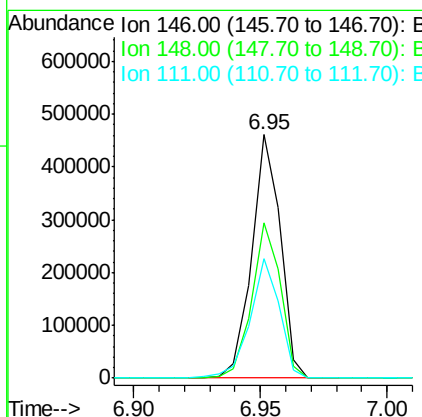
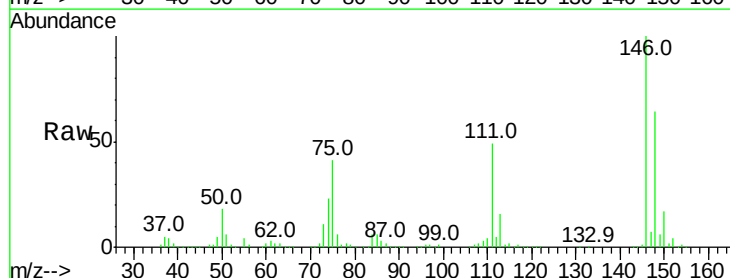
Manual Integrations
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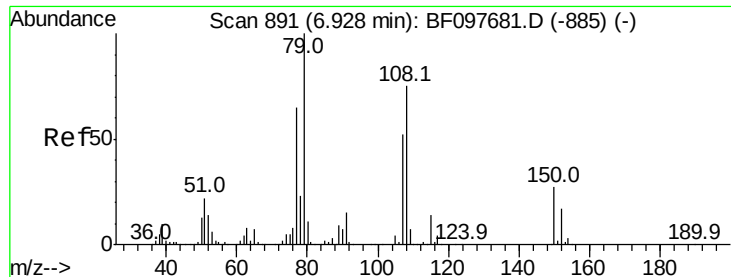
Sohil
 8/17/2017 5:57:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.119 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	49.0	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.991 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

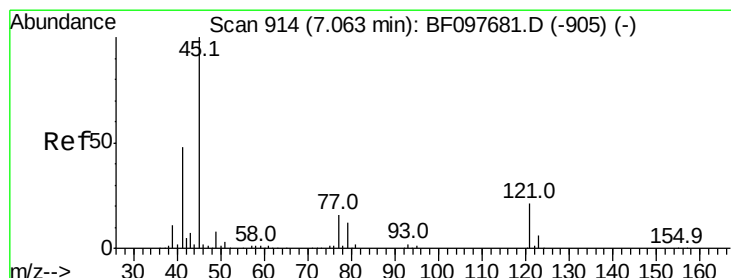
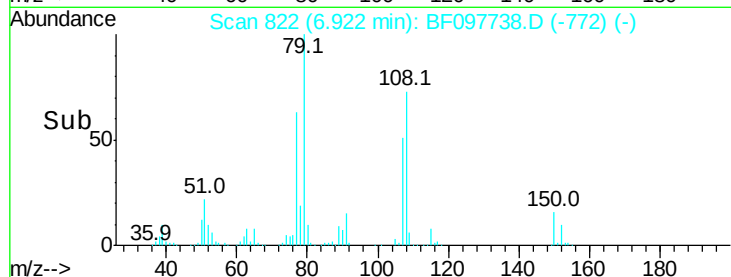
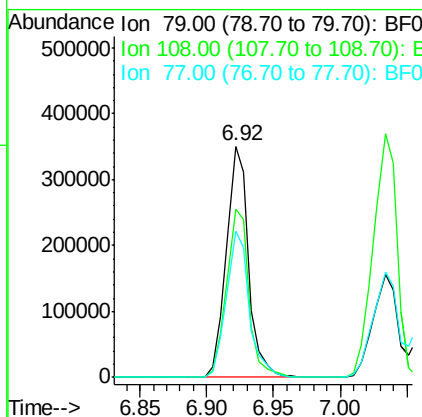
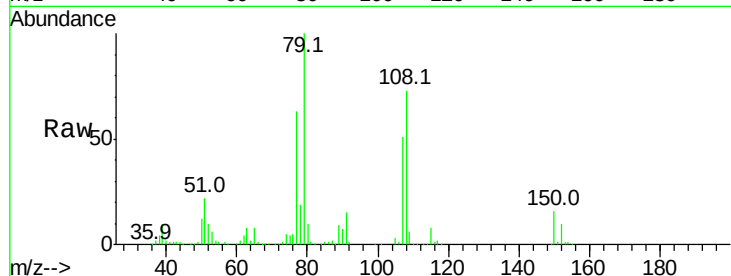
ClientSampleId :

SU-02-081117MSD

Tot Ion:	79	Resp:	412414
Ion Ratio	Lower	Upper	
79	100		
108	73.0	63.4	95.0
77	63.4	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.116 ng

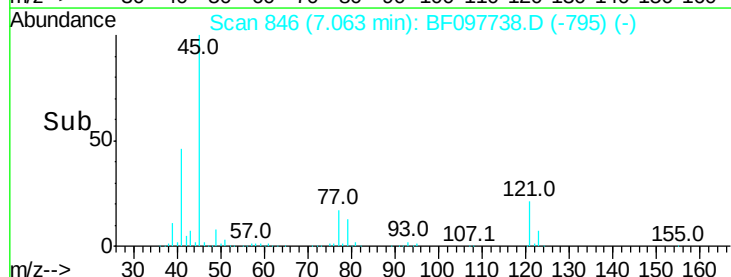
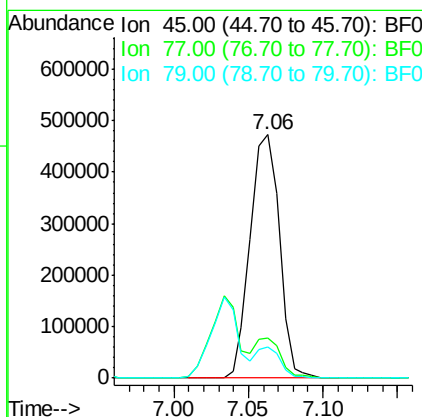
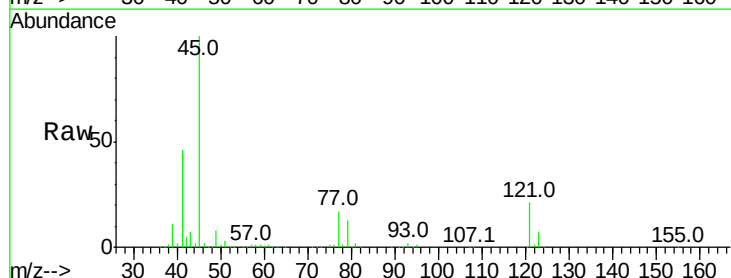
RT: 7.06 min Scan# 846

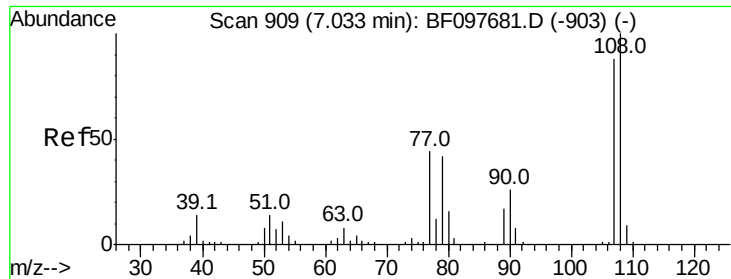
Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion:	45	Resp:	640931
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	33.2
79	12.9	0.0	30.0





#17

2-Methylphenol

Concen: 44.874 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

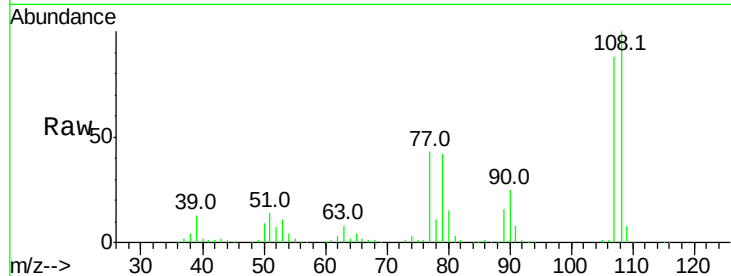
ClientSampleId :

SU-02-081117MSD

Tot Ion	107	Resp	393291
Ion Ratio	Lower	Upper	
107	100		
108	113.5	93.4	140.0
77	49.1	35.8	53.6
79	48.2	34.8	52.2

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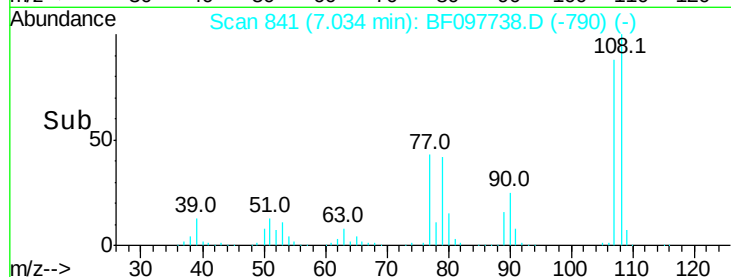
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

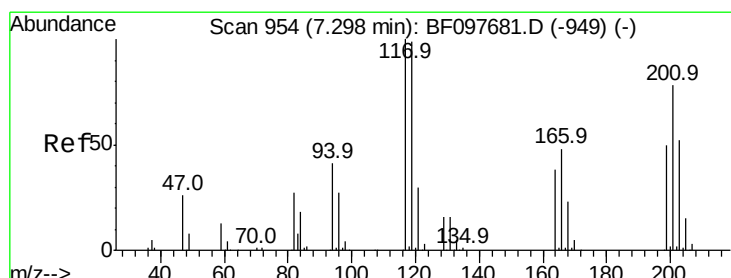
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



Time-->



#18

Hexachloroethane

Concen: 36.480 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

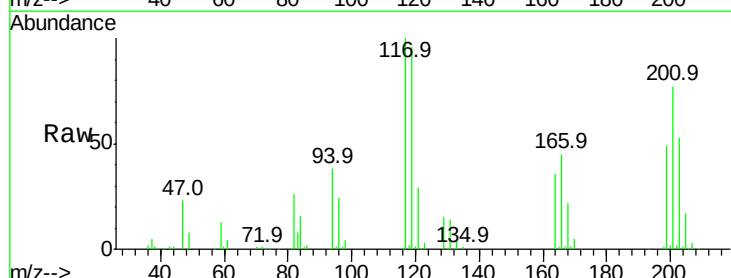
Tgt Ion	117	Resp	155612
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.4	116.0
201	77.2	94.6	141.8#

Abundance Ion 117.00 (116.70 to 117.70): E

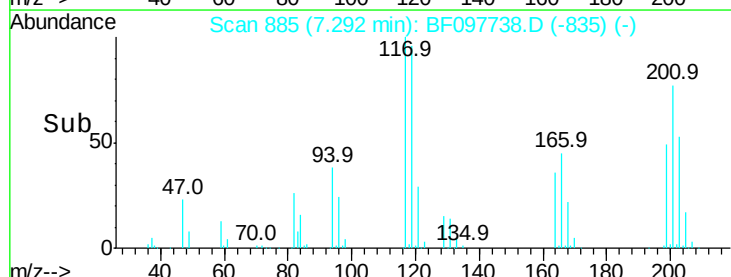
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

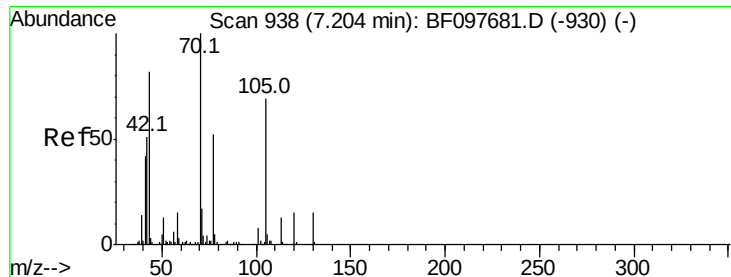
Time-->



Time-->



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 41.996 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

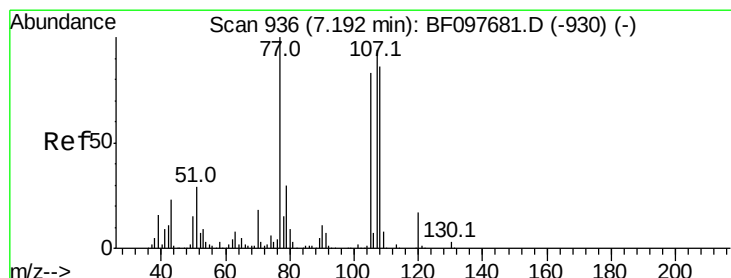
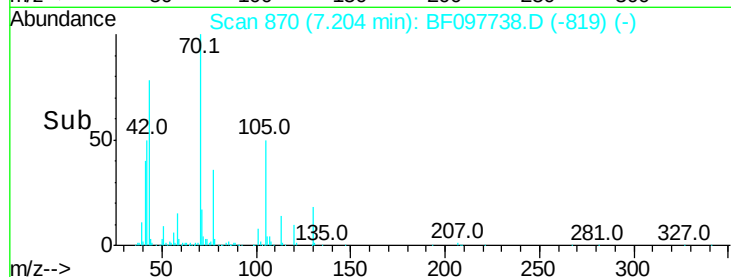
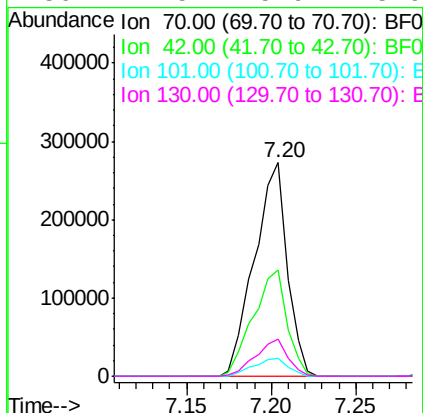
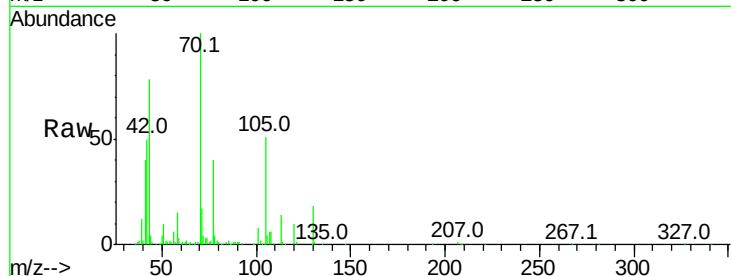
ClientSampleId :

SU-02-081117MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.6	47.2	70.8		
101	8.4	7.2	10.8		
130	17.5	15.9	23.9		

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#20

3+4-Methylphenols

Concen: 42.962 ng

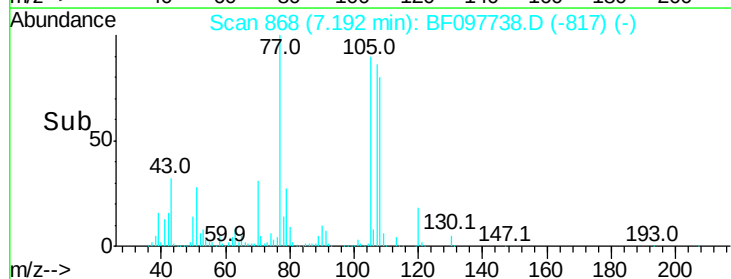
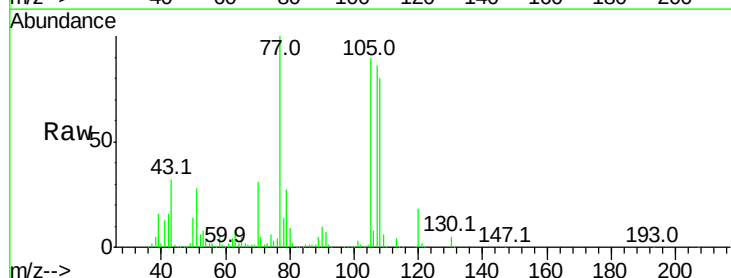
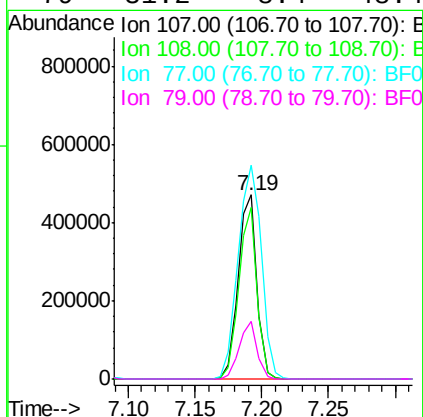
RT: 7.19 min Scan# 868

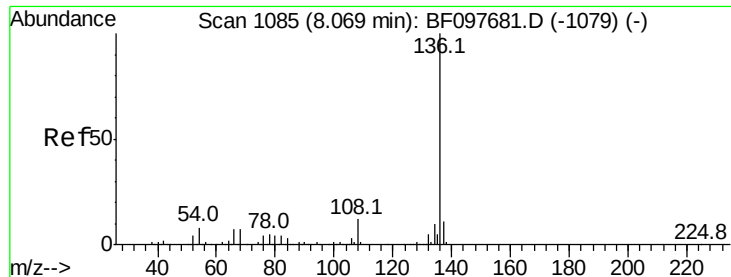
Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9	71.0	111.0		
77	115.9	90.5	130.5		
79	31.2	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

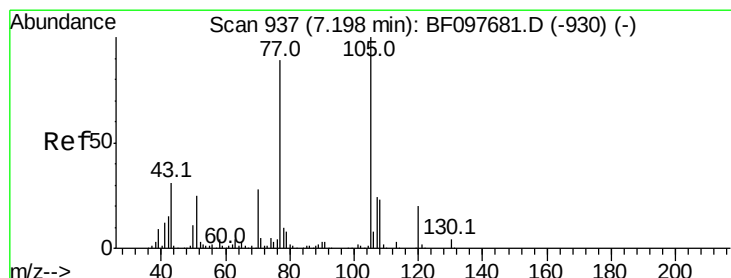
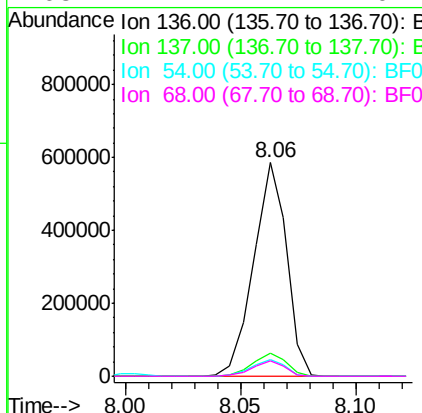
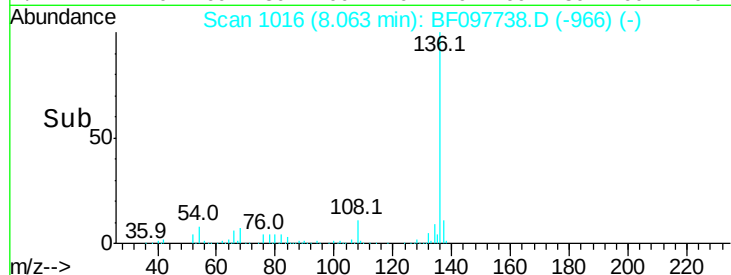
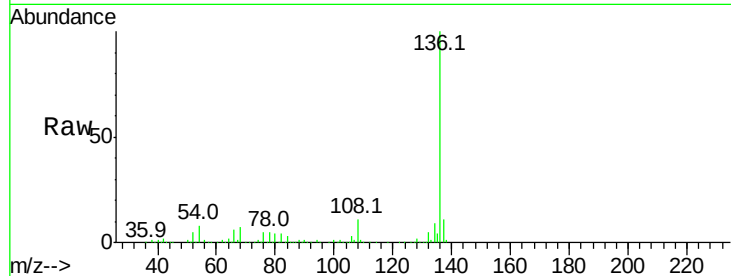
ClientSampleId :

SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	8.0	4.9	7.3#	
68	7.2	4.1	6.1#	

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#22

Acetophenone

Concen: 41.313 ng

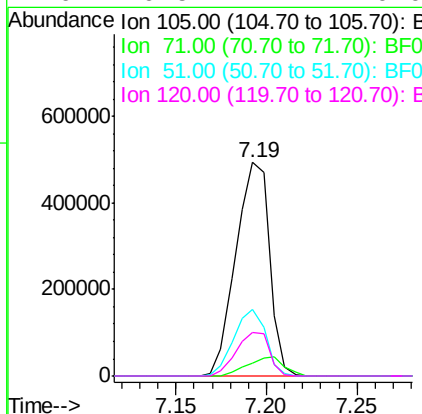
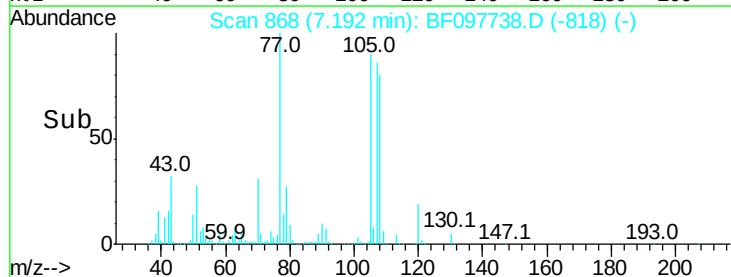
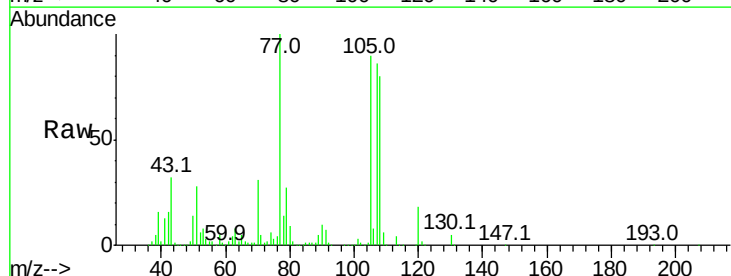
RT: 7.19 min Scan# 868

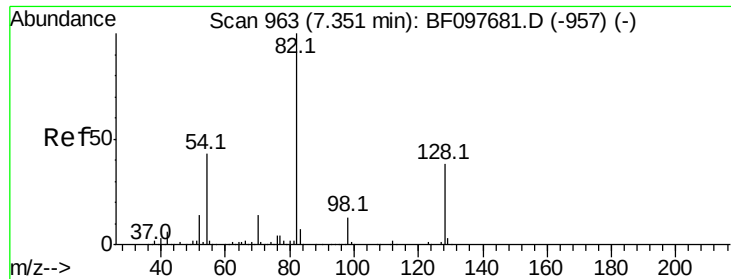
Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	2.8	4.2#	
51	31.4	30.7	46.1	
120	20.5	17.4	26.0	





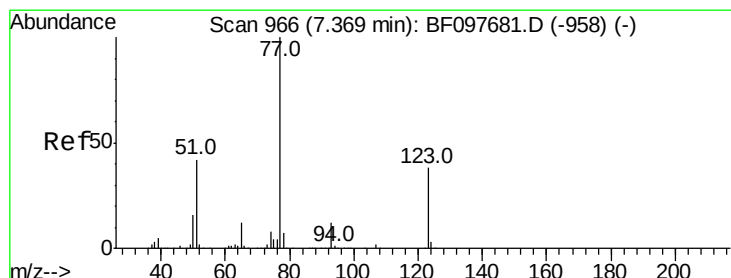
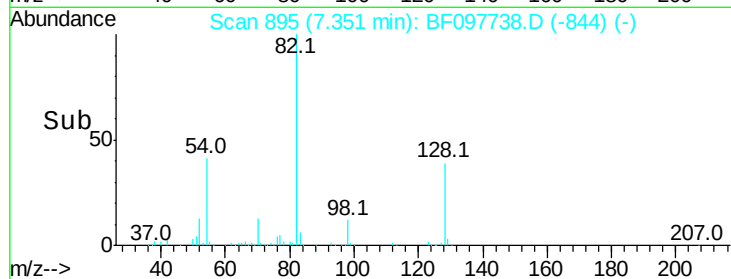
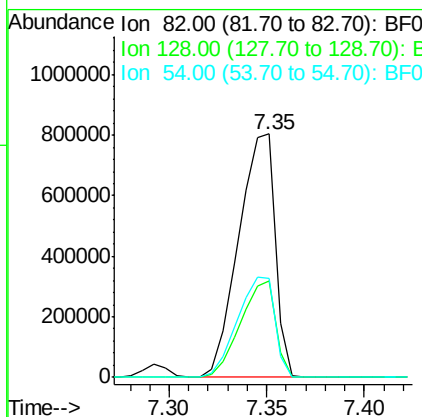
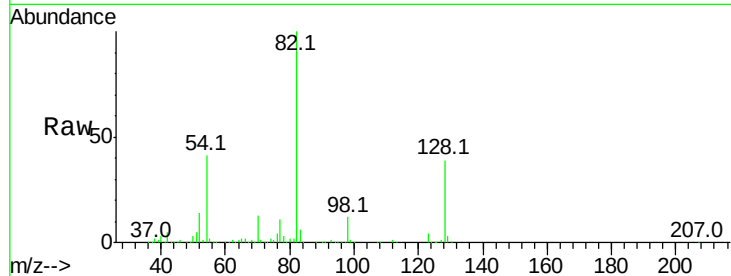
#23
 Nitrobenzene-d5
 Concen: 97.423 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion: 82 Resp: 1045918
 Ion Ratio Lower Upper
 82 100
 128 39.5 34.0 51.0
 54 40.8 42.2 63.2#

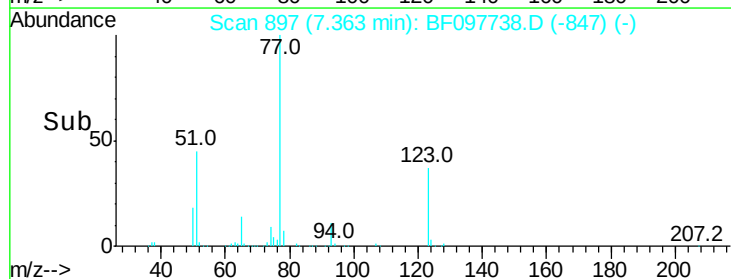
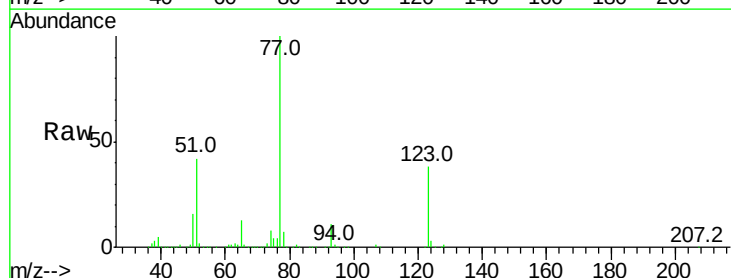
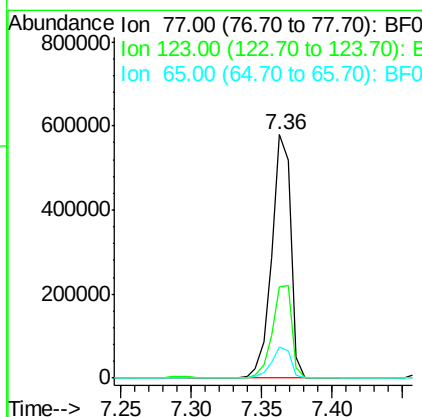
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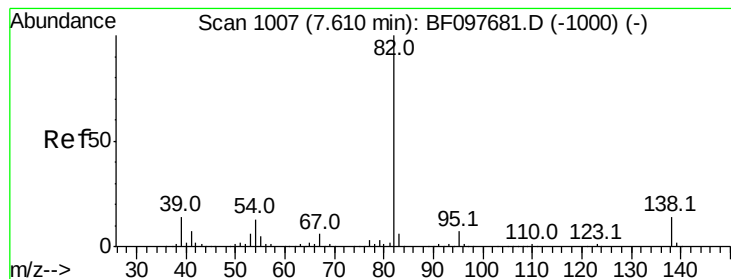
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#24
 Nitrobenzene
 Concen: 45.923 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion: 77 Resp: 548946
 Ion Ratio Lower Upper
 77 100
 123 37.5 35.8 53.8
 65 12.7 10.6 15.8





#25

Isophorone

Concen: 46.154 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MSD

Tot Ion: 82 Resp: 1030322

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

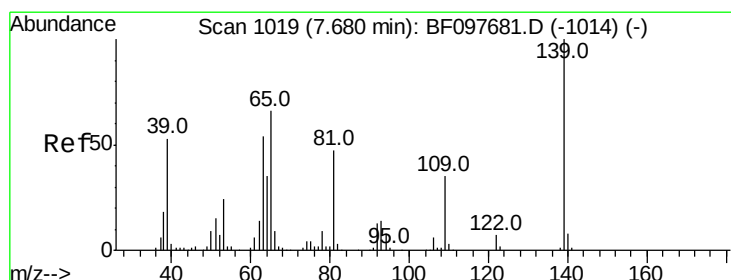
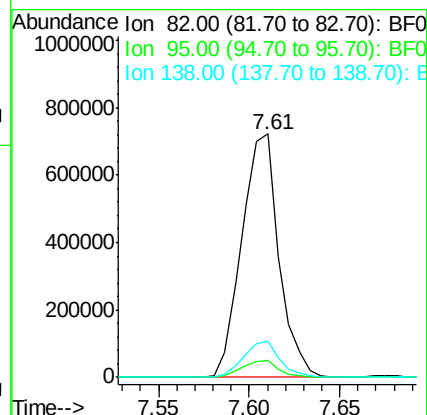
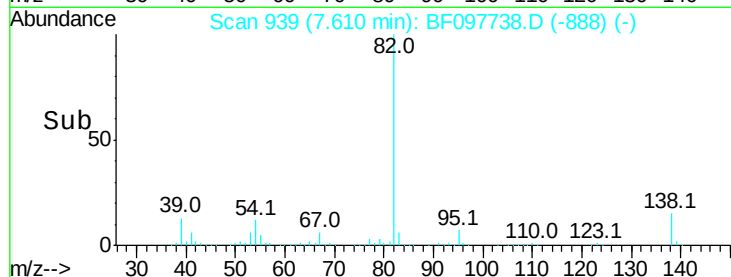
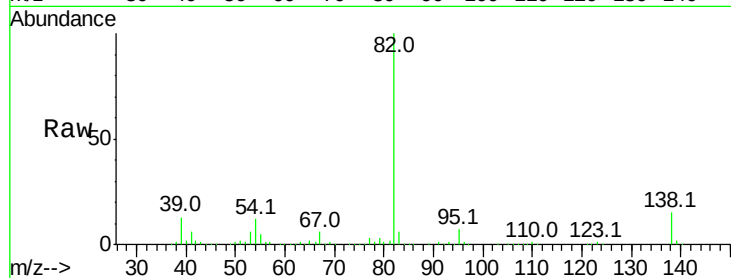
138 15.0 13.1 19.7

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#26

2-Nitrophenol

Concen: 49.127 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

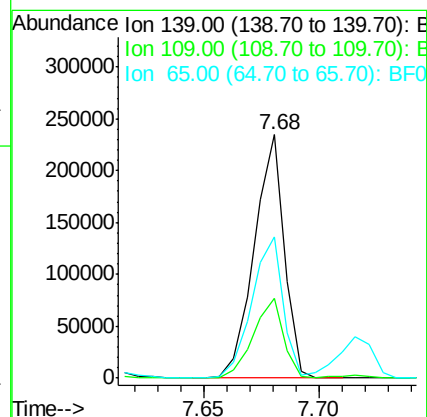
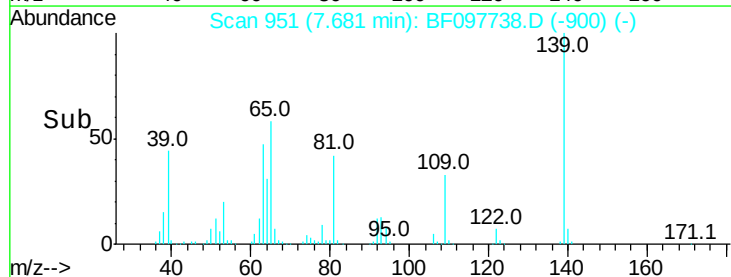
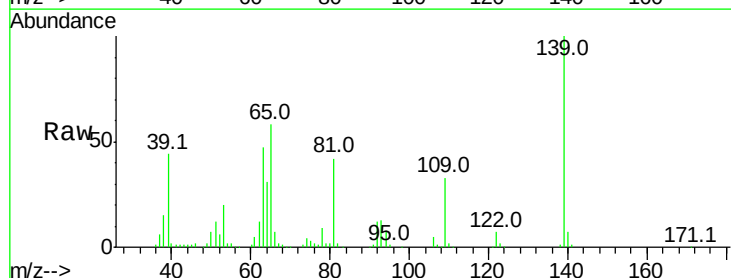
Tgt Ion: 139 Resp: 213356

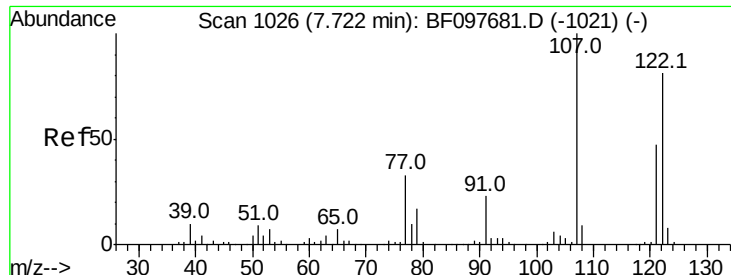
Ion Ratio Lower Upper

139 100

109 32.9 21.0 31.6#

65 57.9 33.0 49.6#





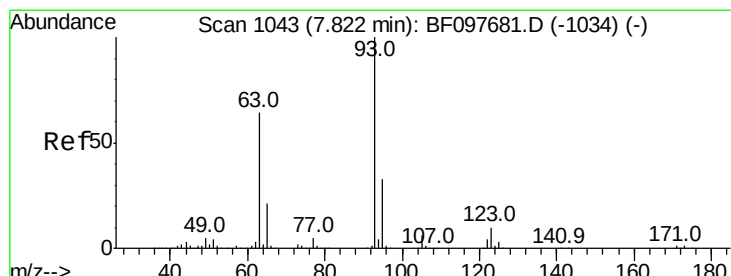
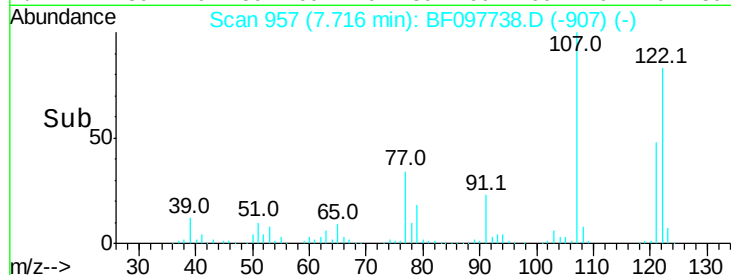
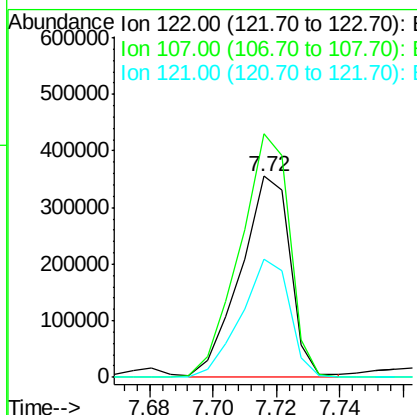
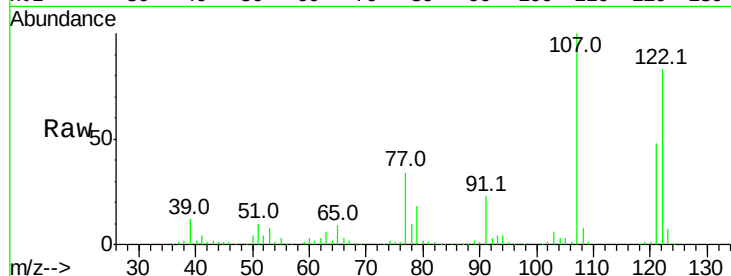
#27
 2,4-Dimethylphenol
 Concen: 41.551 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion:	122	Resp:	386849
Ion Ratio	Lower	Upper	
122	100		
107	121.1	89.2	133.8
121	58.7	45.2	67.8

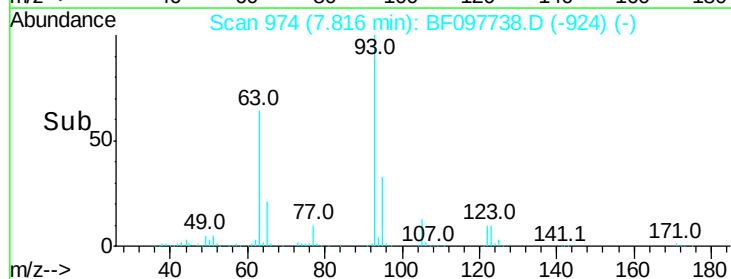
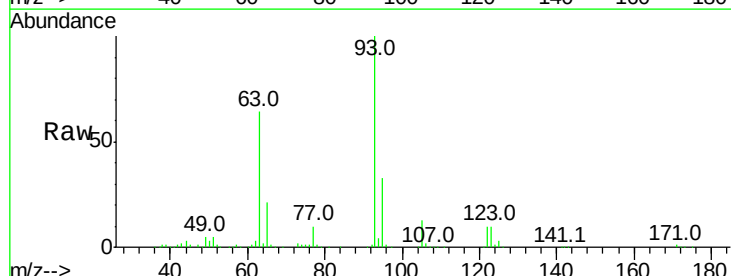
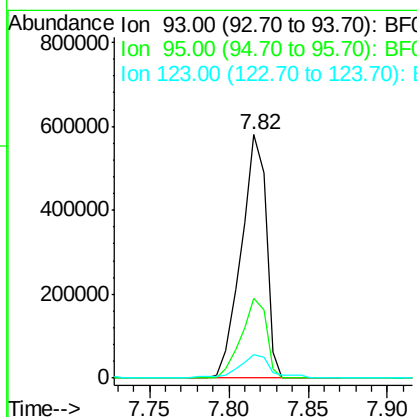
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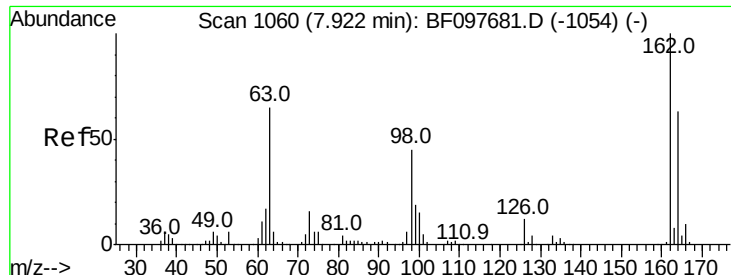
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.106 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion:	93	Resp:	632642
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	9.6	9.0	13.4





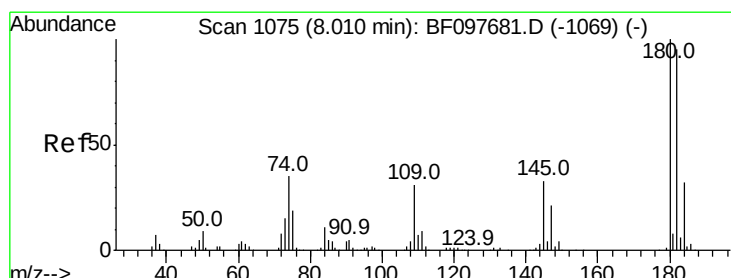
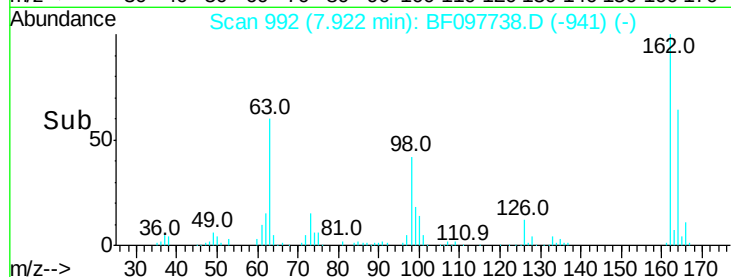
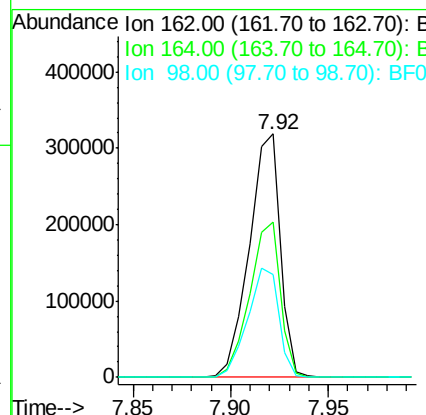
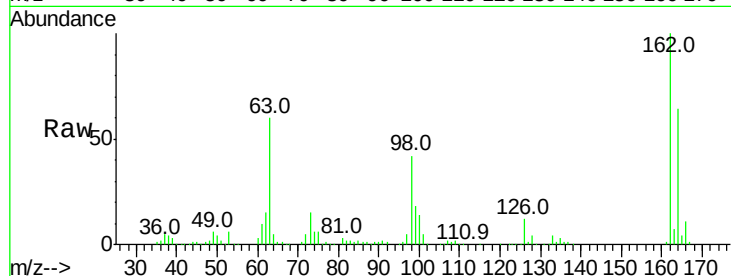
#29
 2,4-Dichlorophenol
 Concen: 45.534 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	351901		
164	64.0		44.6	84.6
98	42.4		14.8	54.8

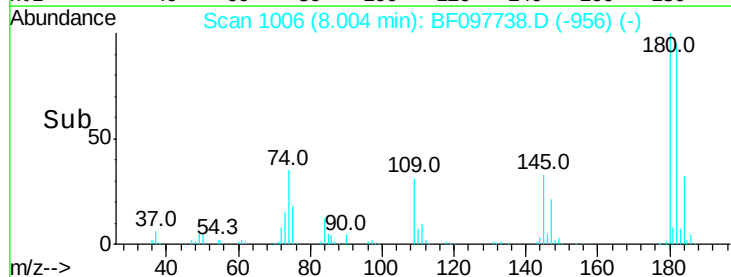
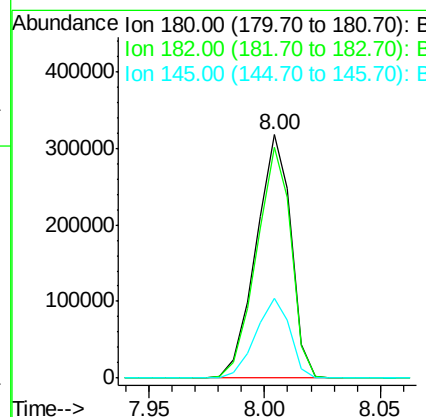
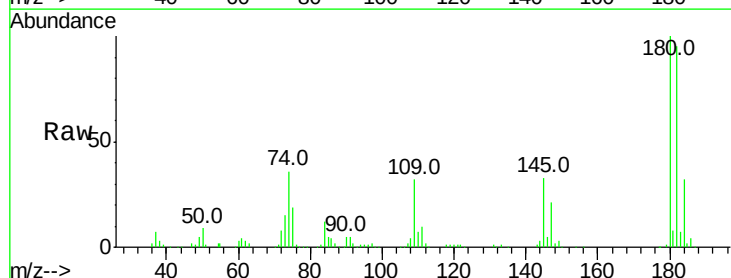
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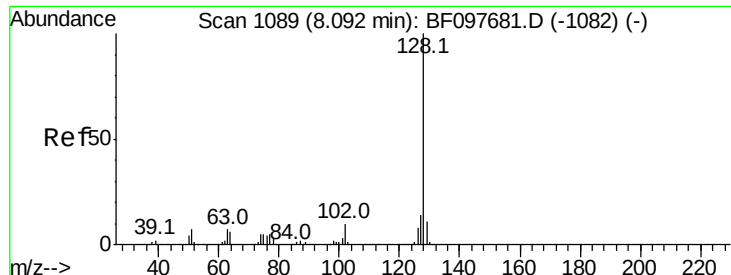
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.922 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333463		
182	95.0		75.8	113.6
145	33.0		25.3	37.9





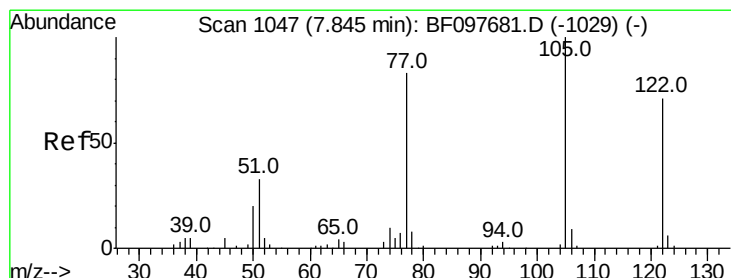
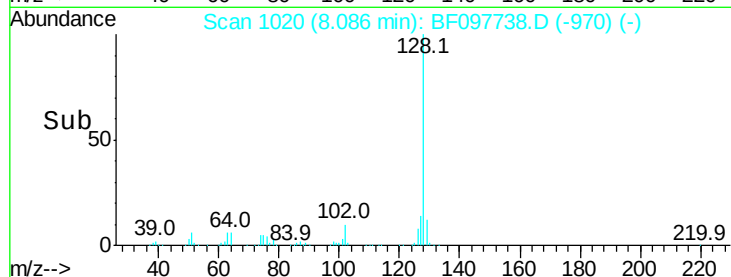
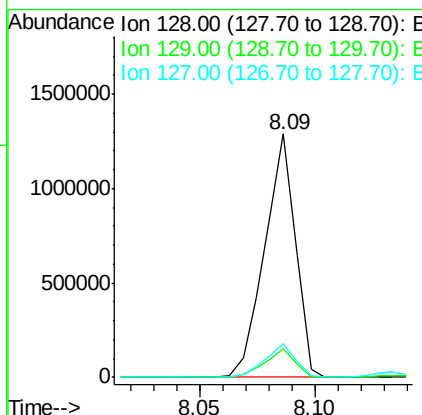
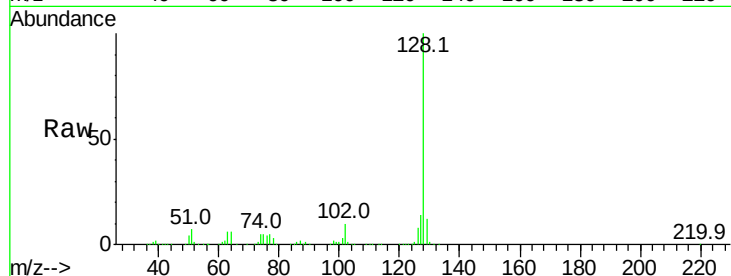
#31
Naphthalene
Concen: 39.526 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion:128 Resp: 1196769
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.8 10.8 16.2

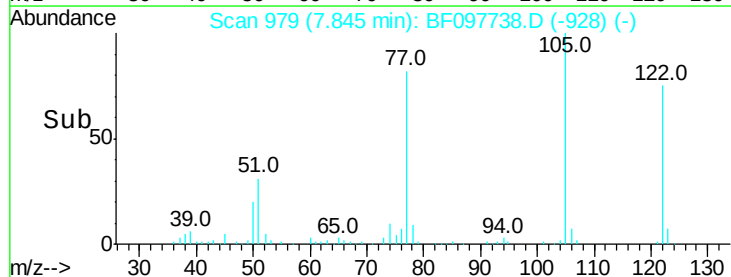
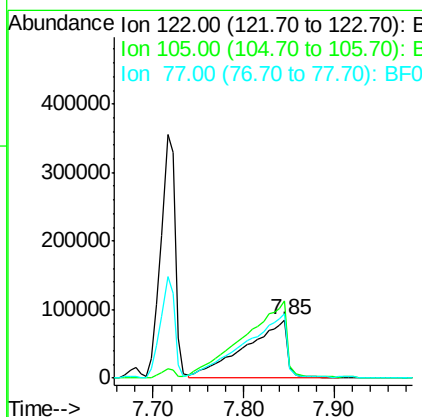
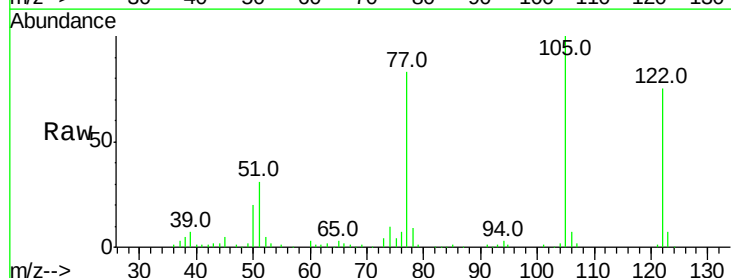
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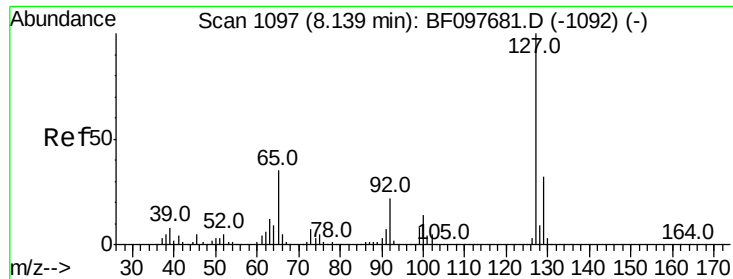
Sohil
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#32
Benzoic acid
Concen: 41.227 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion:122 Resp: 272590
Ion Ratio Lower Upper
122 100
105 132.6 103.3 143.3
77 109.8 73.7 113.7





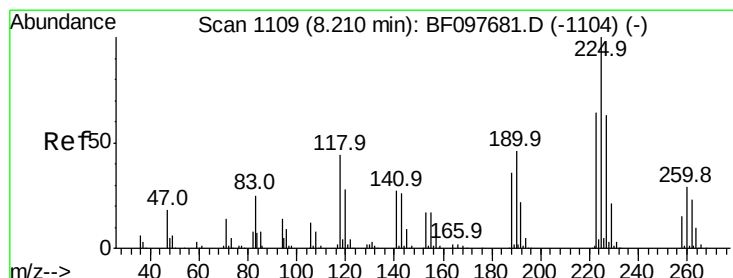
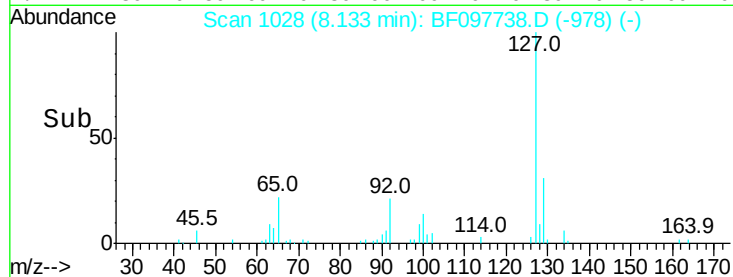
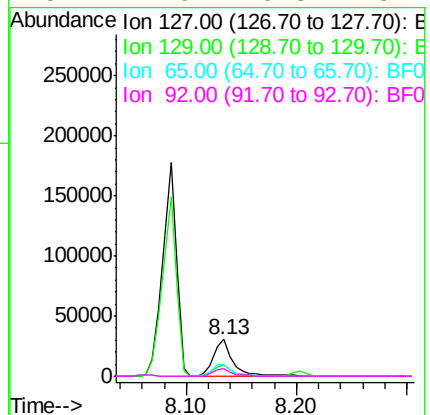
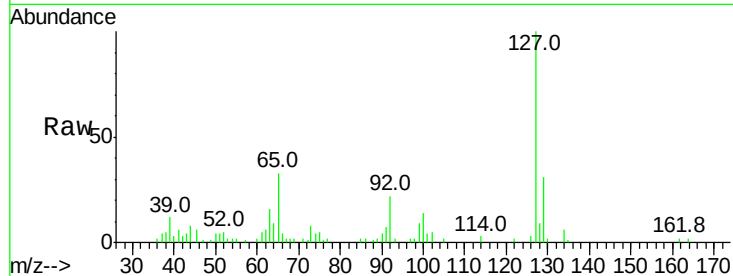
#33
4-Chloroaniline
Concen: 2.941 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	32.7	27.8	41.8
92	21.6	16.8	25.2

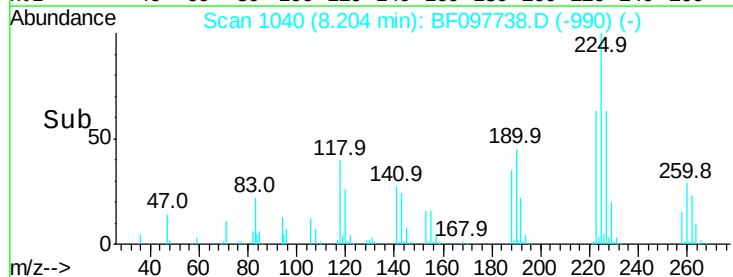
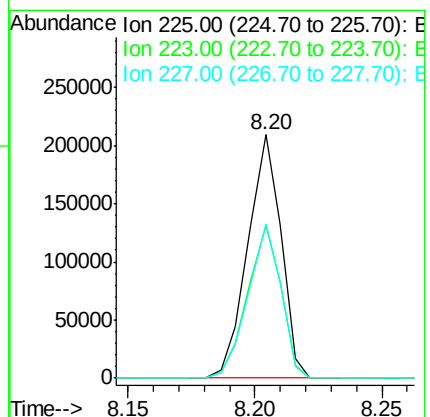
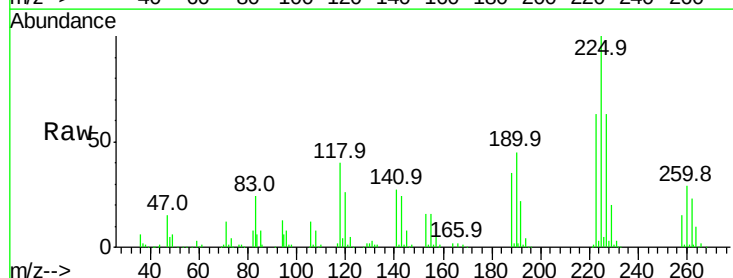
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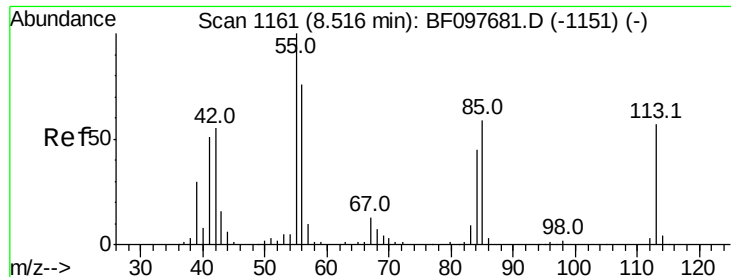
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#34
Hexachlorobutadiene
Concen: 38.308 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	63.4	51.1	76.7





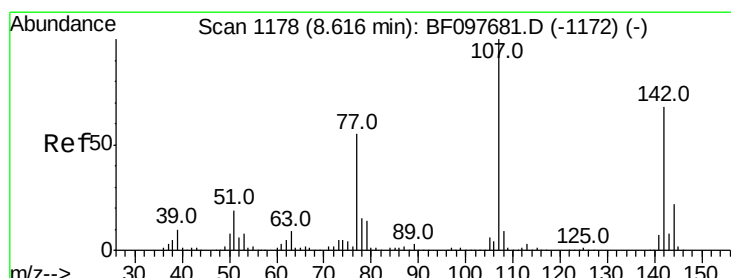
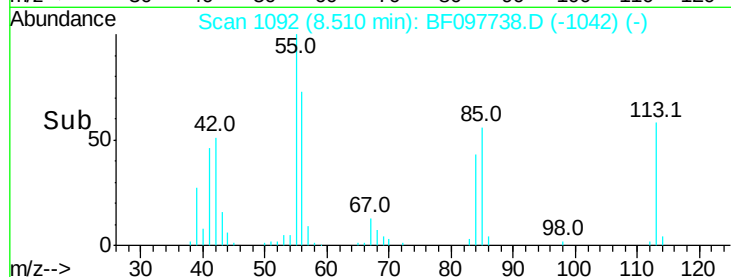
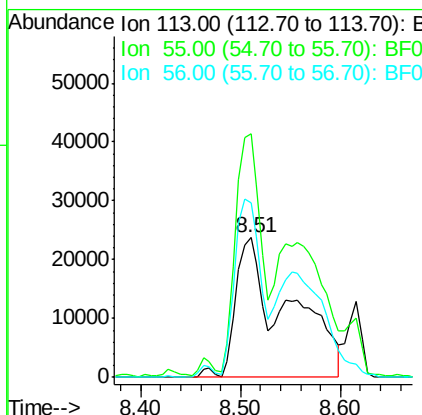
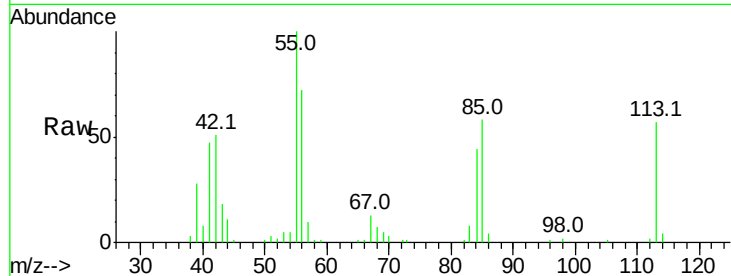
#35
 Caprolactam
 Concen: 32.902 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.6	150.2	190.2
56	125.3	107.8	147.8

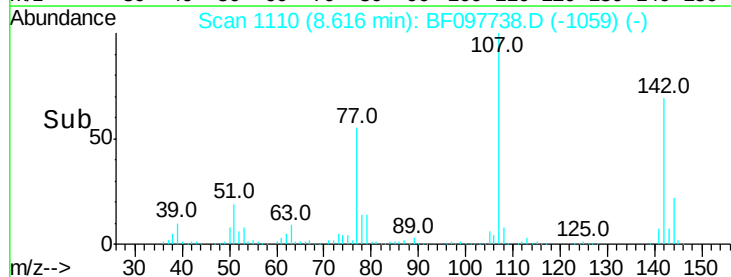
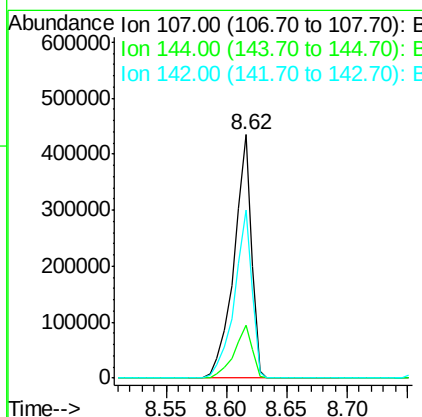
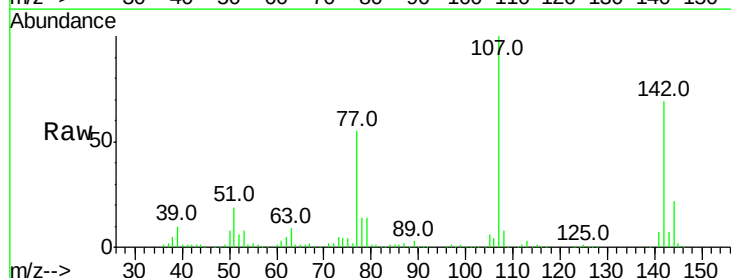
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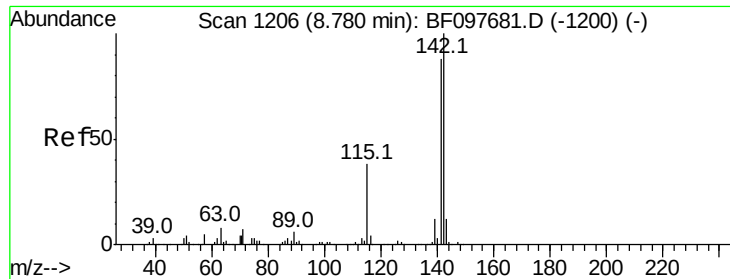
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#36
 4-Chloro-3-methylphenol
 Concen: 44.397 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	24.2	36.4#
142	68.9	73.4	110.0#





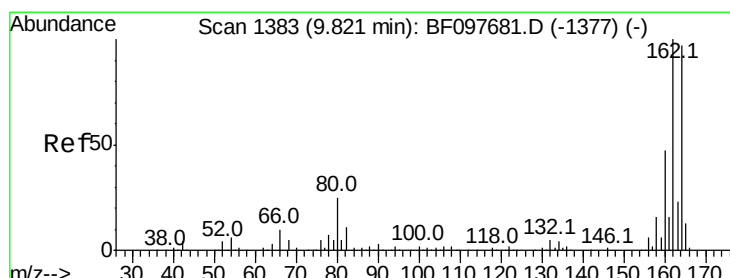
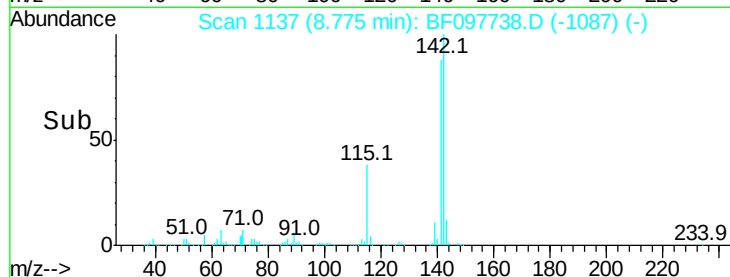
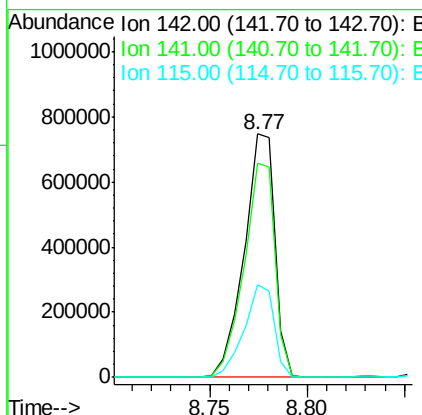
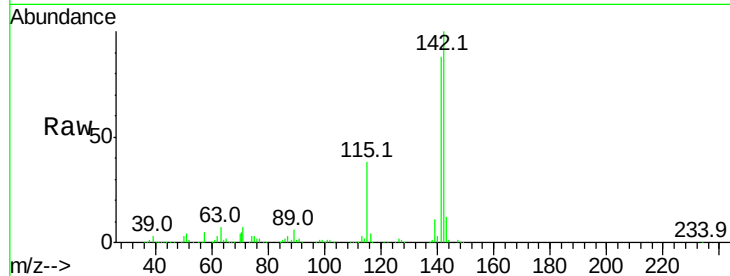
#37
2-Methylnaphthalene
Concen: 43.807 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	813194		
141	88.1	71.3	106.9	
115	37.8	27.1	40.7	

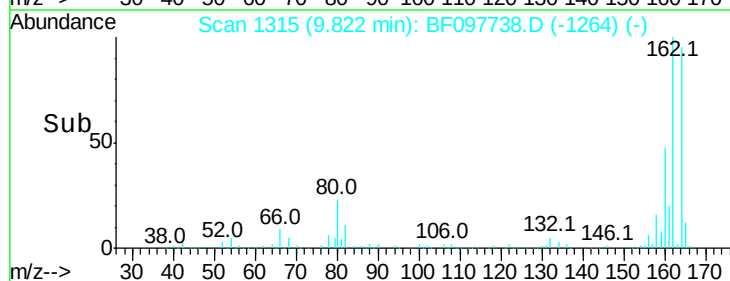
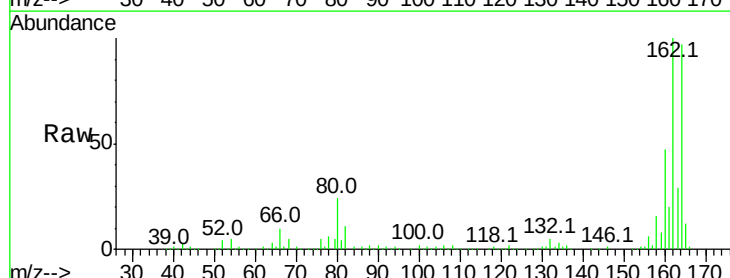
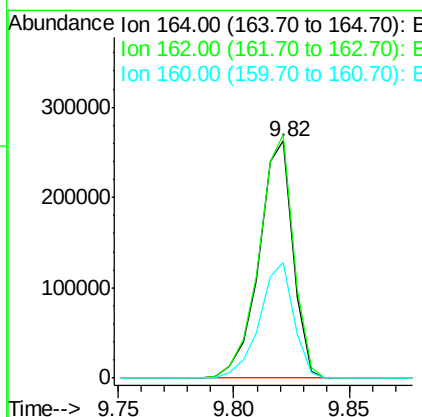
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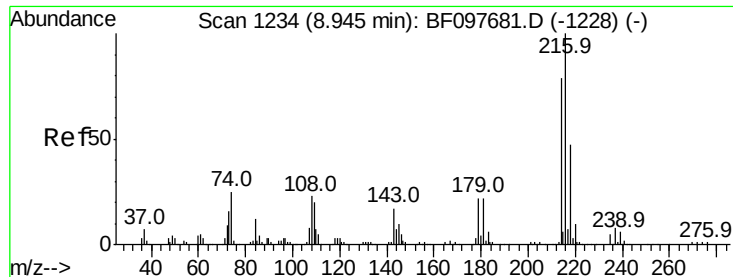
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	269469		
162	102.9	82.6	123.8	
160	48.7	36.2	54.2	





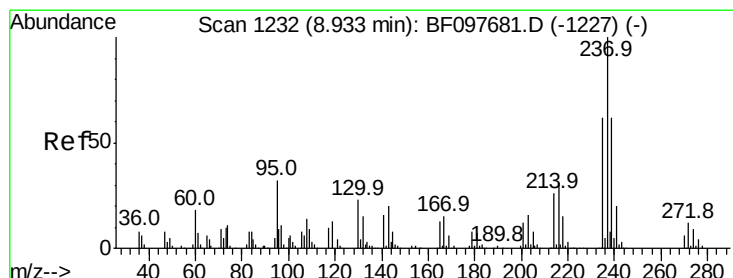
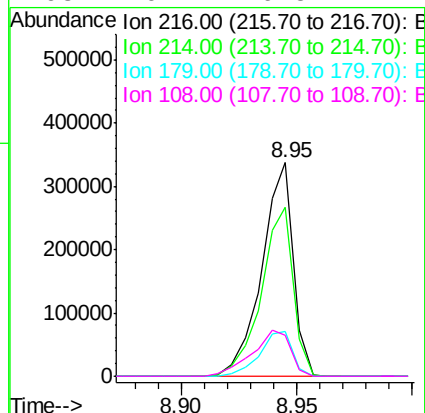
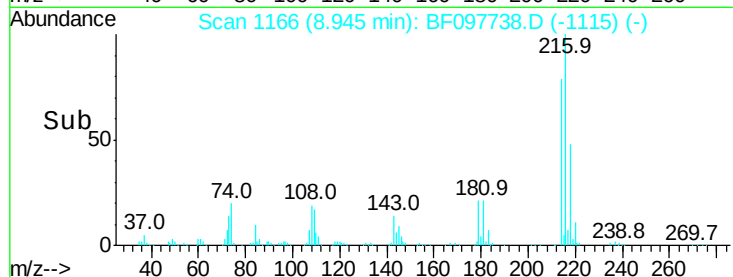
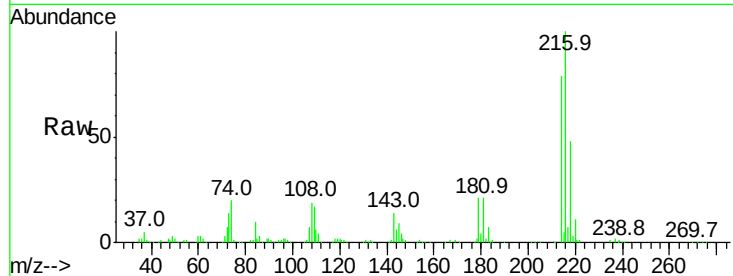
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.675 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.2	63.4	95.2
179	22.4	17.9	26.9
108	26.4	16.5	24.7

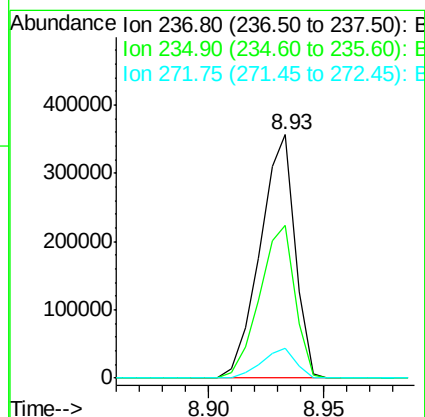
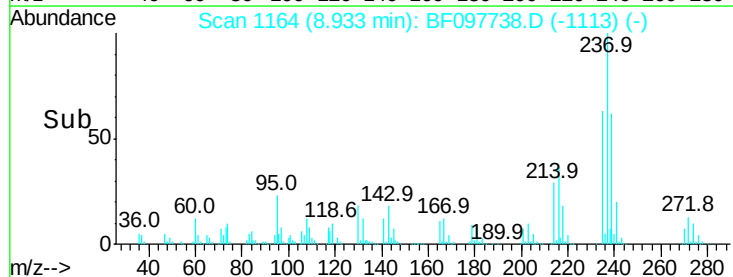
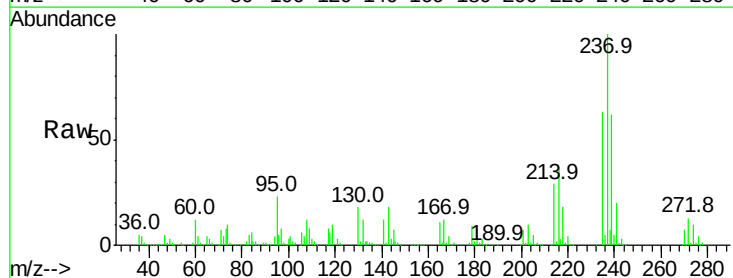
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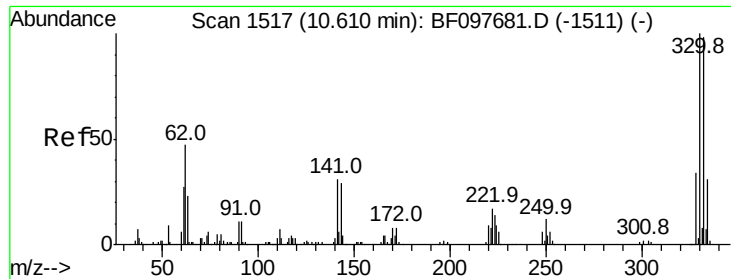
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#40
 Hexachlorocyclopentadiene
 Concen: 94.174 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	42.6	82.6
272	12.5	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 150.084 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

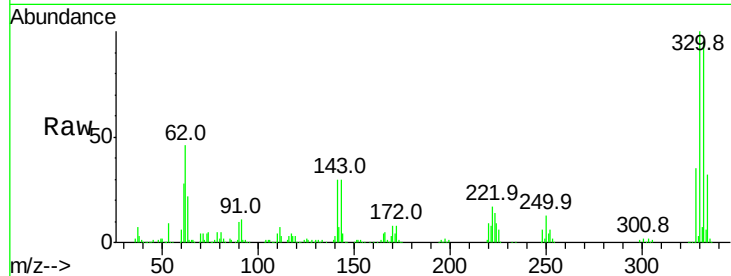
ClientSampleId :

SU-02-081117MSD

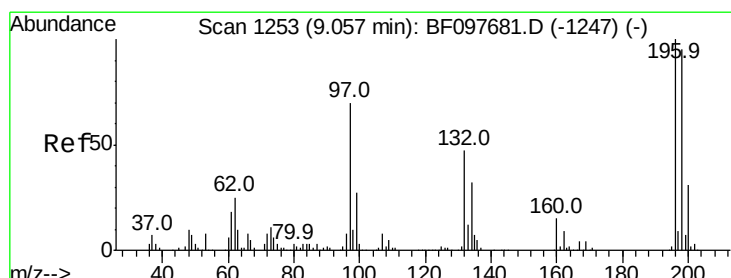
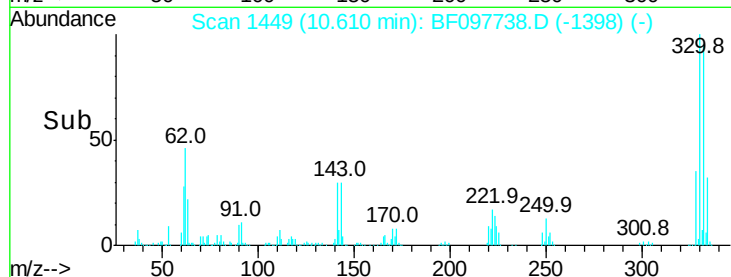
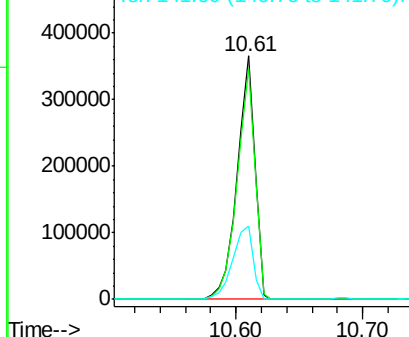
Tot Ion:	330	Resp:	350908
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.6	115.0
141	34.9	31.4	47.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.408 ng

RT: 9.05 min Scan# 1184

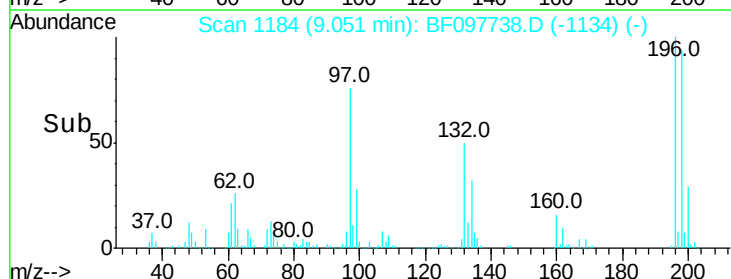
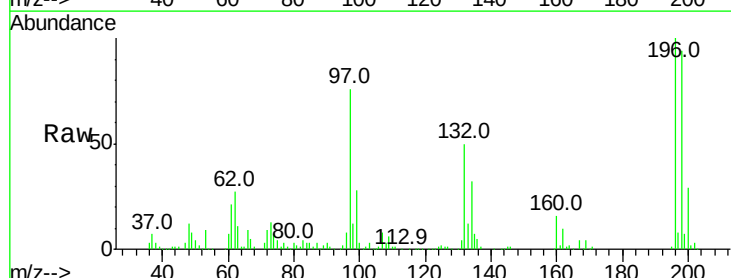
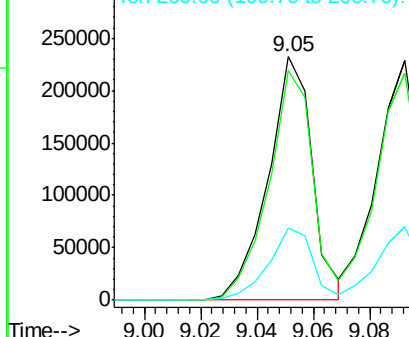
Delta R.T. -0.01 min

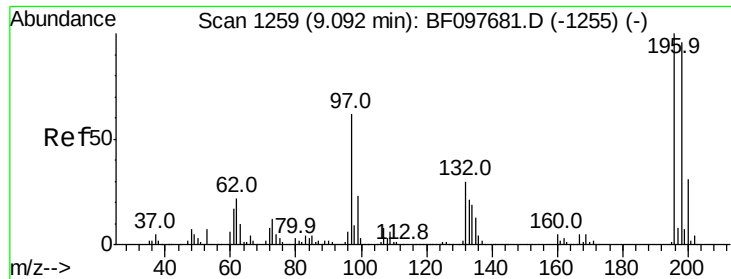
Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion:	196	Resp:	252112
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.2	111.4
200	29.4	24.0	36.0

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





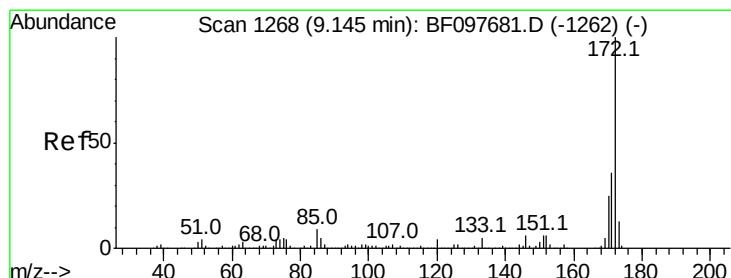
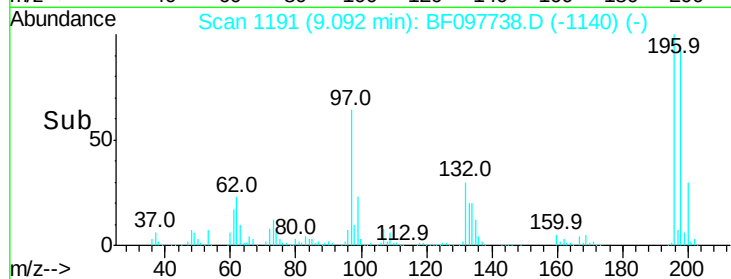
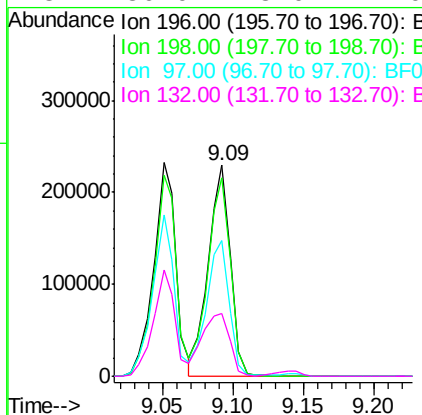
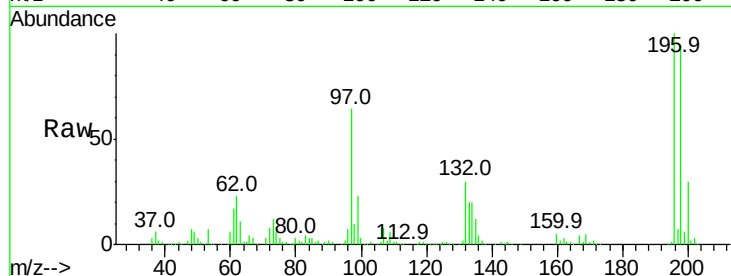
#43
 2,4,5-Trichlorophenol
 Concen: 45.291 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	196	Resp	249470
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.7	113.5
97	64.4	47.7	71.5
132	30.0	28.0	42.0

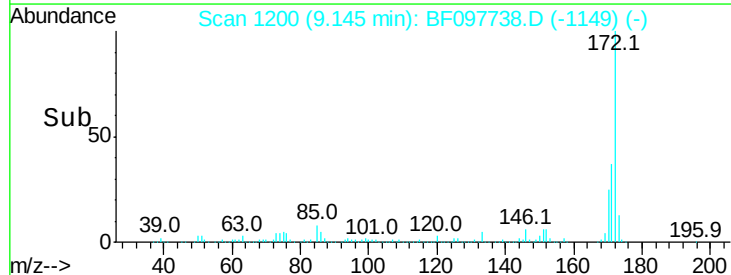
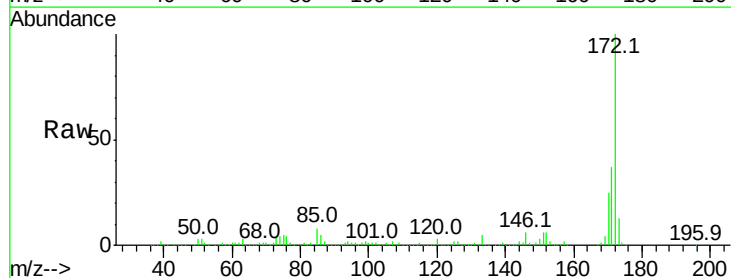
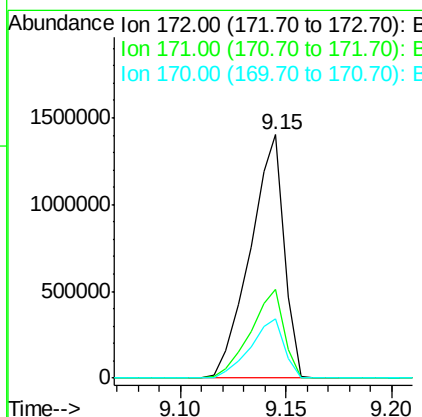
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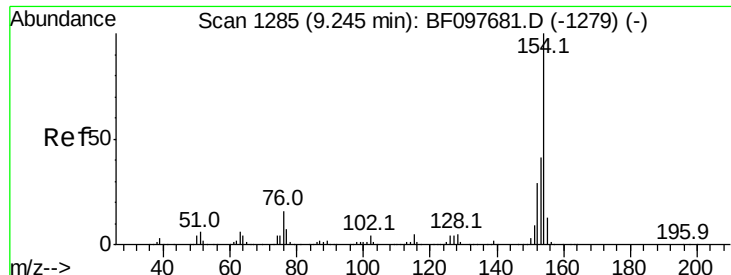
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.051 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	172	Resp	1559930
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.6	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.761 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

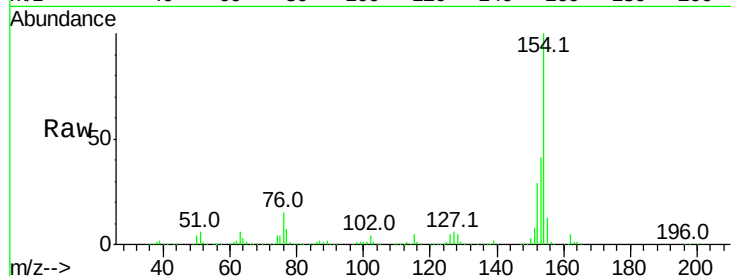
ClientSampleId :

SU-02-081117MSD

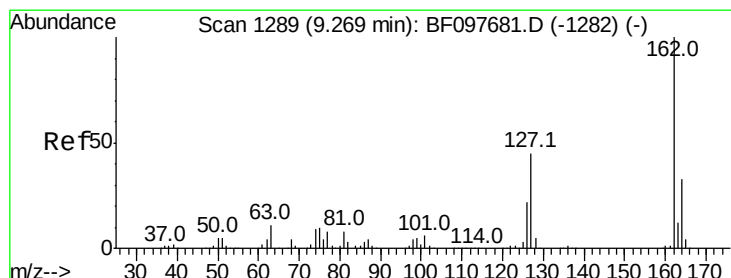
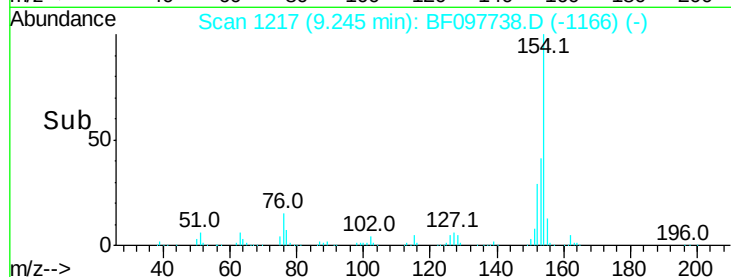
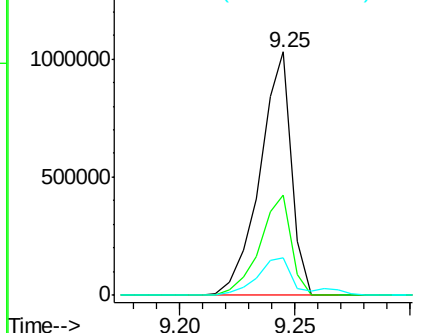
Tot Ion:	154	Resp:	977050
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.2	61.2
76	15.2	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 39.512 ng

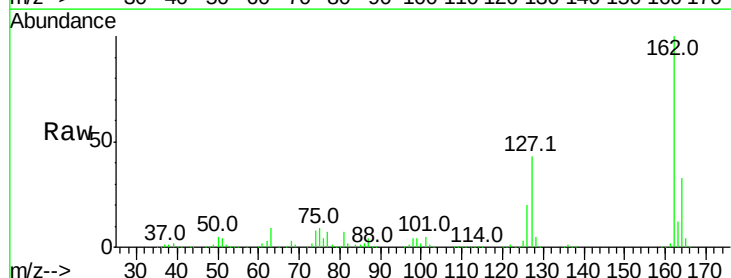
RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

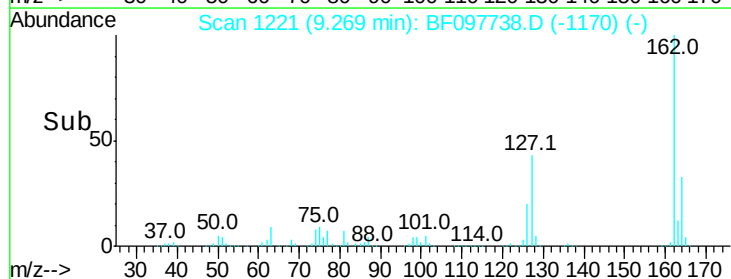
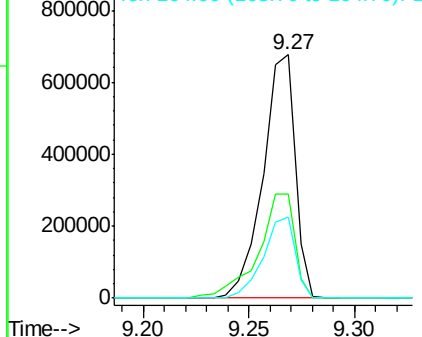
Lab File: BF097738.D

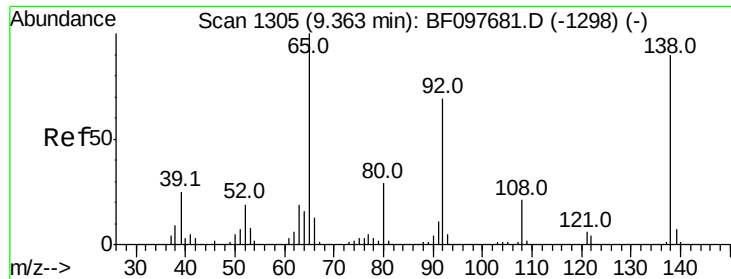
Acq: 16 Aug 2017 14:54

Tgt Ion:	162	Resp:	717394
Ion Ratio	Lower	Upper	
162	100		
127	42.8	28.3	42.5#
164	33.1	27.0	40.4



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





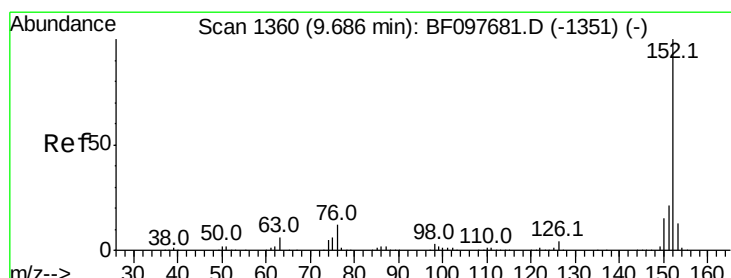
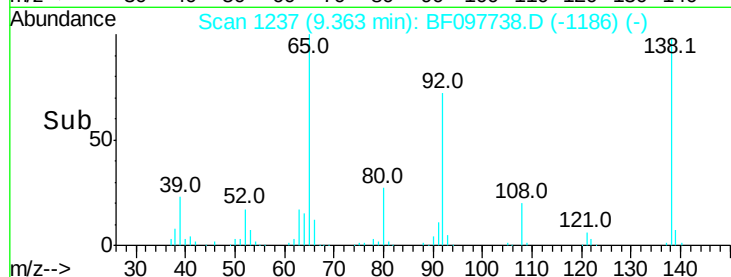
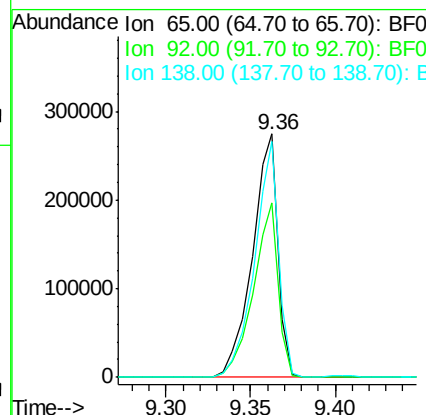
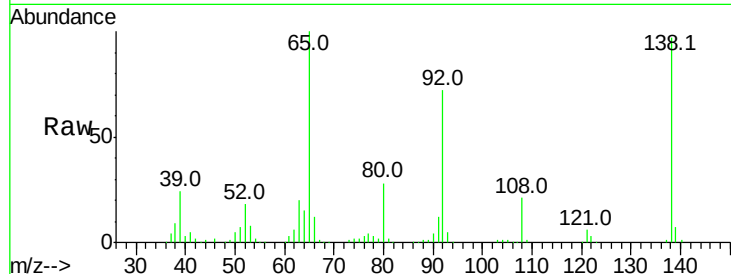
#47
2-Nitroaniline
Concen: 47.792 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.9	80.9
138	97.1	78.8	118.2

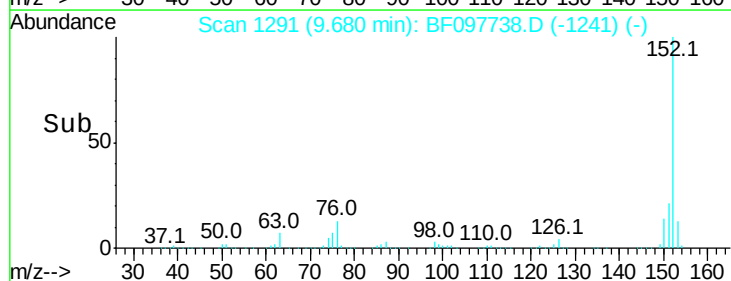
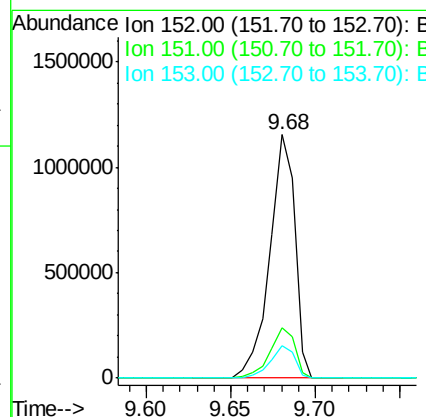
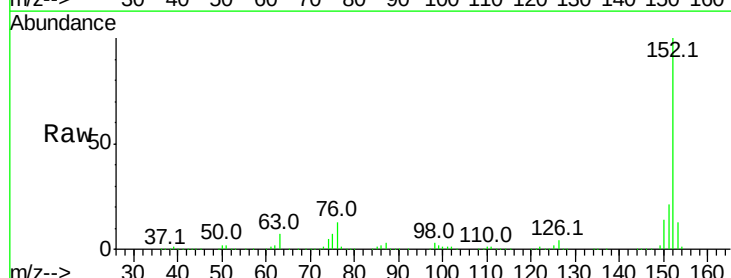
Manual Integrations
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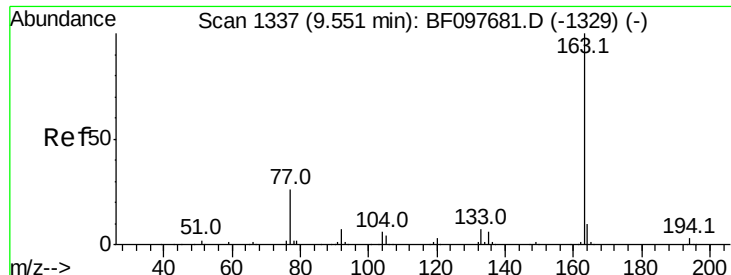
Sohil
8/17/2017 5:57:33 PM



#48
Acenaphthylene
Concen: 41.698 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.4	10.8	16.2





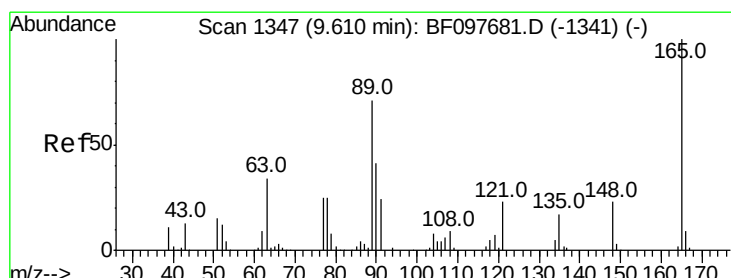
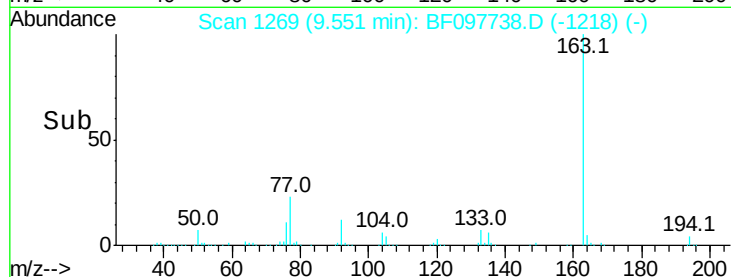
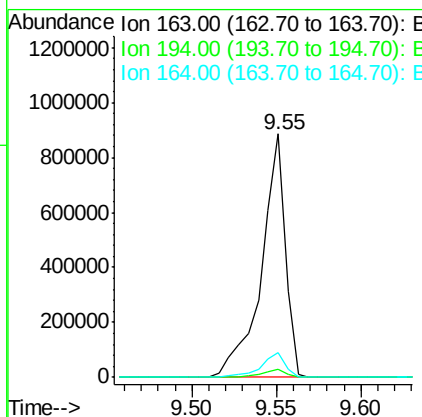
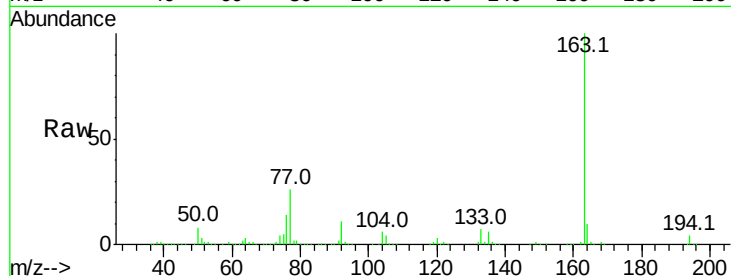
#49
 Dimethylphthalate
 Concen: 44.300 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.2	8.4	12.6	

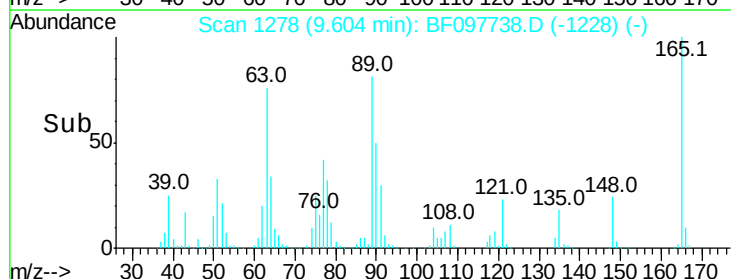
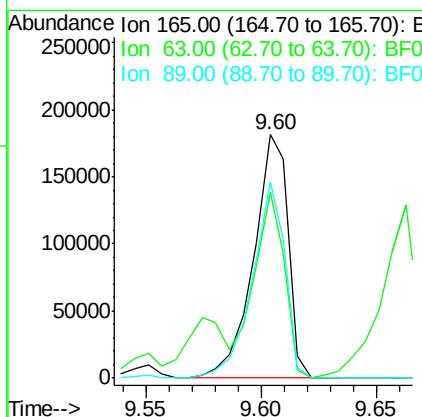
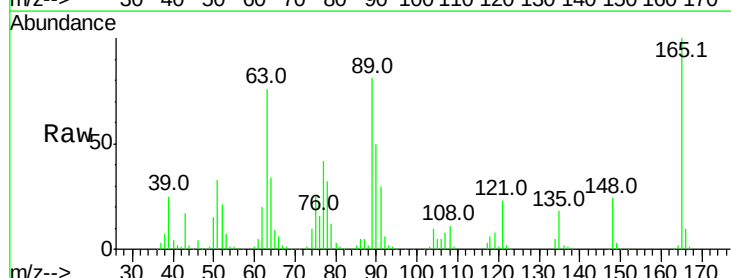
Manual Integrations
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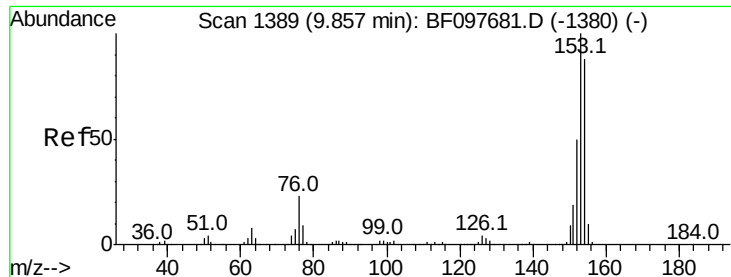
Sohil
 8/17/2017 5:57:33 PM



#50
 2,6-Dinitrotoluene
 Concen: 48.170 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	76.3	34.3	51.5#	
89	80.8	37.1	55.7#	





#51

Acenaphthene

Concen: 40.610 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

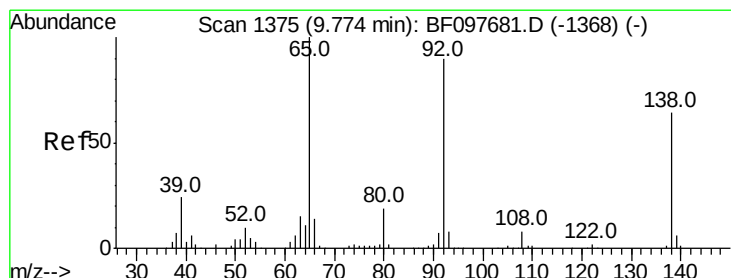
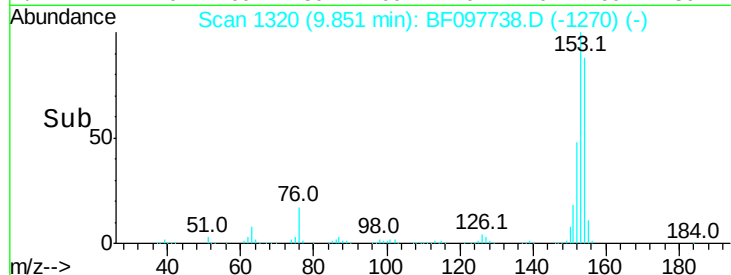
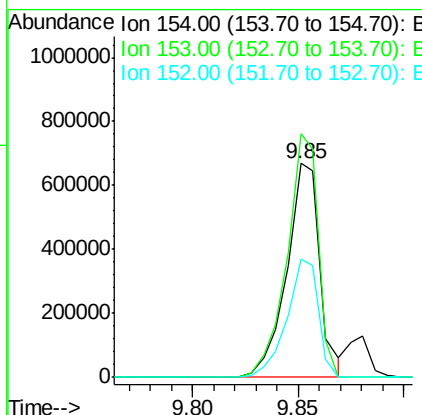
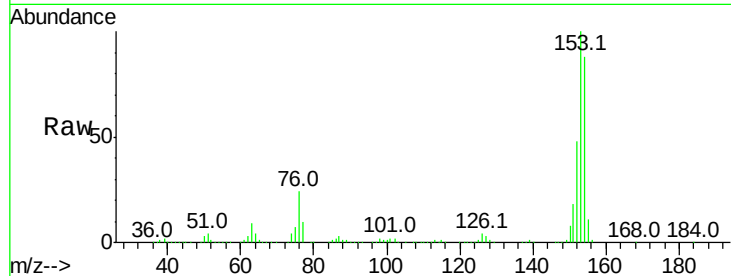
ClientSampleId :

SU-02-081117MSD

Tot Ion:	154	Resp:	730264
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	55.1	43.6	65.4

Manual Integrations
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8/17/2017 5:57:33 PM



#52

3-Nitroaniline

Concen: 21.878 ng

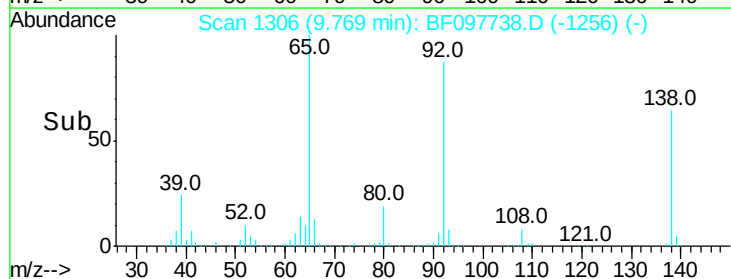
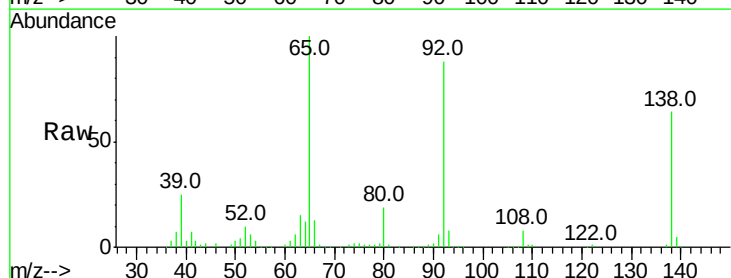
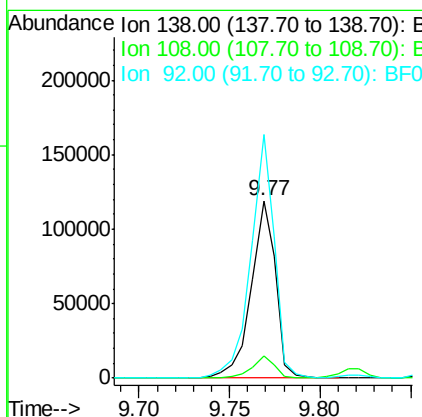
RT: 9.77 min Scan# 1306

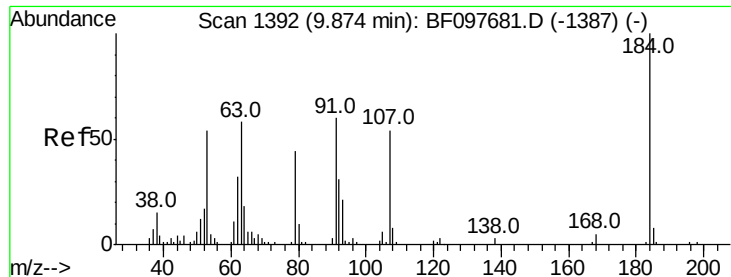
Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion:	138	Resp:	110984
Ion Ratio	Lower	Upper	
138	100		
108	12.4	9.1	13.7
92	137.4	93.8	140.6





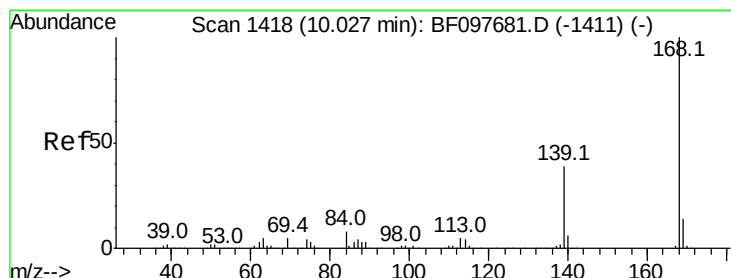
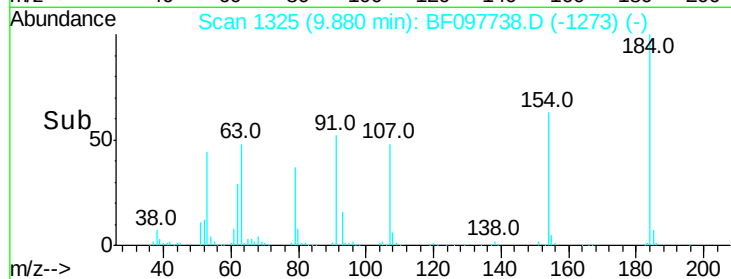
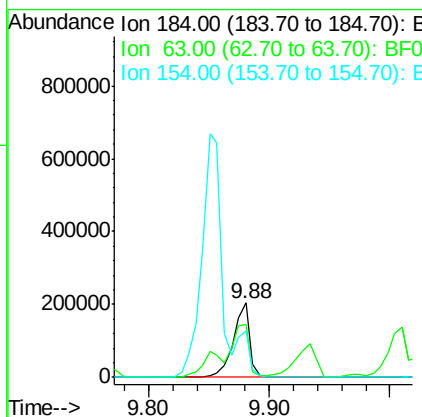
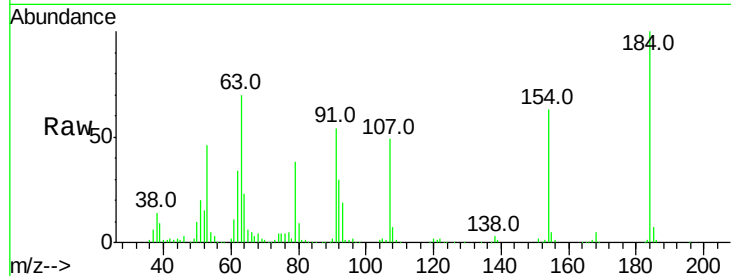
#53
 2,4-Dinitrophenol
 Concen: 100.129 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	192735		
63	70.2	62.7	94.1	
154	63.0	81.1	121.7	

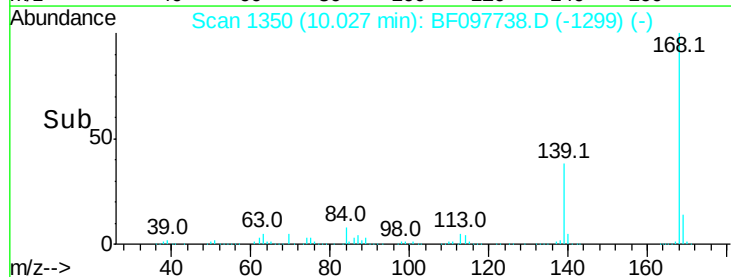
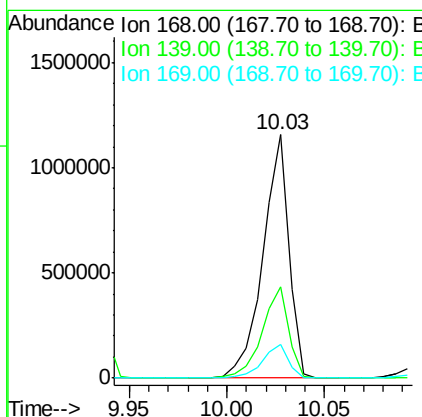
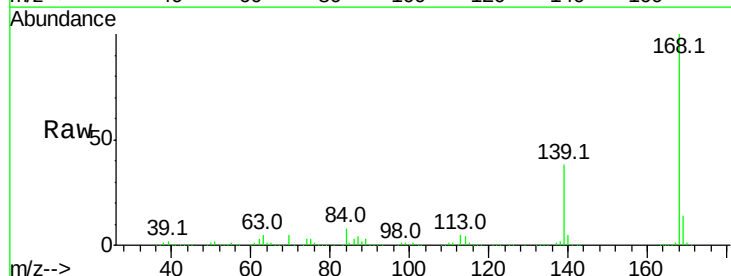
Manual Integrations
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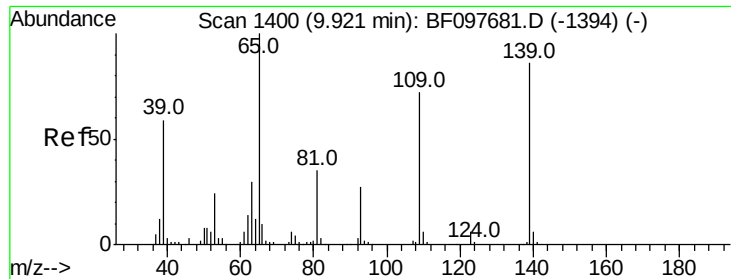
Sohil
 8/17/2017 5:57:33 PM



#54
 Dibenzofuran
 Concen: 44.220 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1065705		
139	37.7	30.6	45.8	
169	13.7	10.8	16.2	





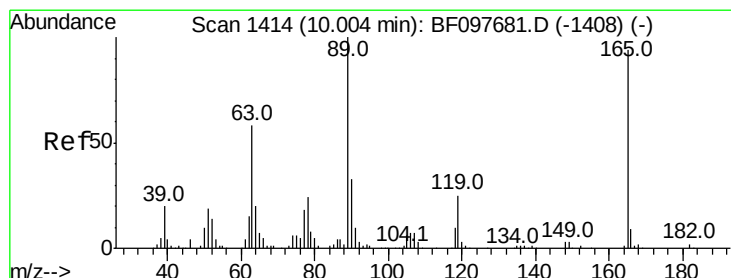
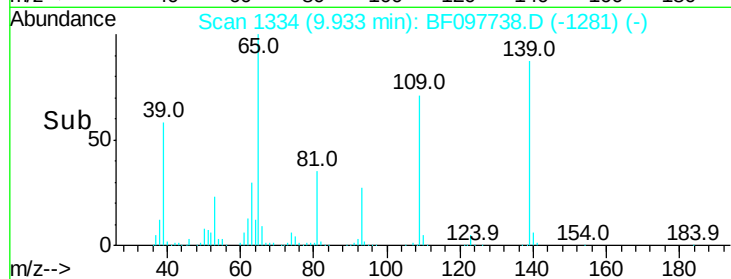
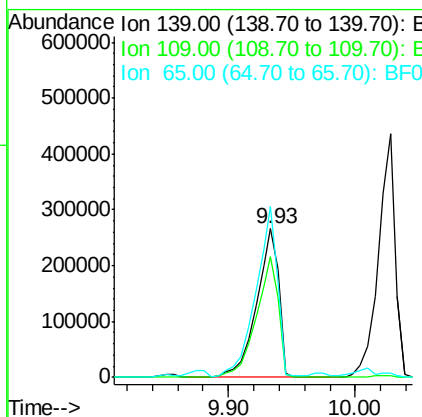
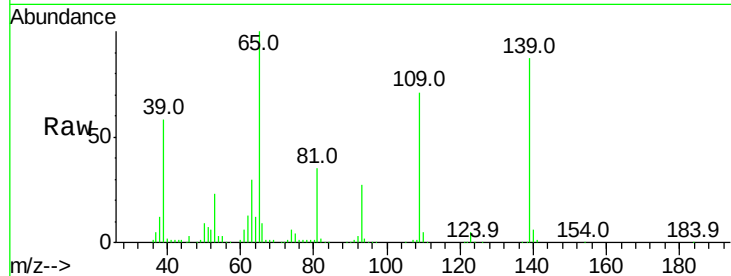
#55
4-Nitrophenol
Concen: 80.639 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.2	34.1	74.1#	
65	114.9	31.4	71.4#	

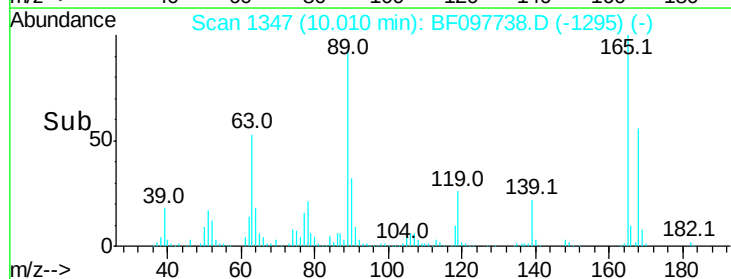
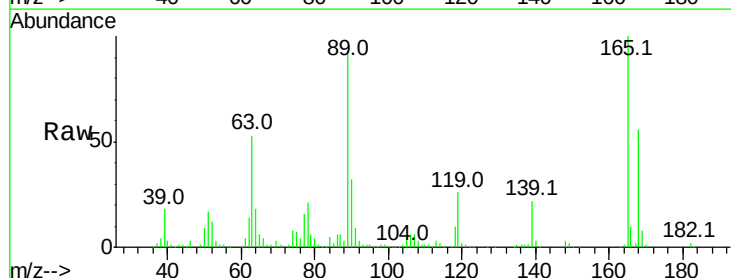
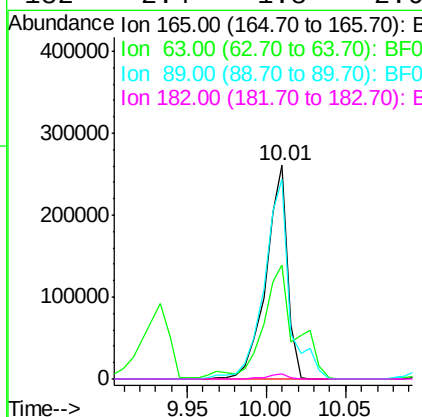
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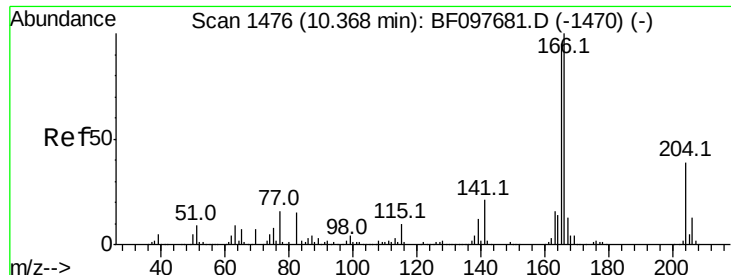
Sohil
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#56
2,4-Dinitrotoluene
Concen: 50.291 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.5	25.4	38.0#	
89	93.5	46.4	69.6#	
182	2.4	1.8	2.6	





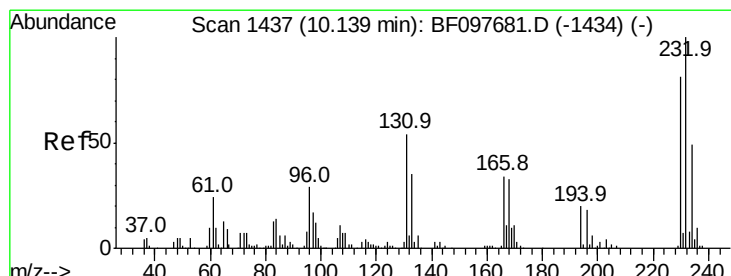
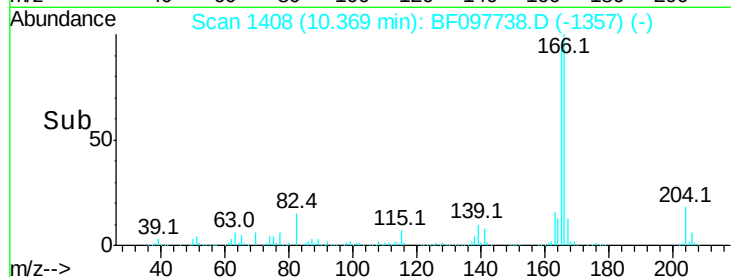
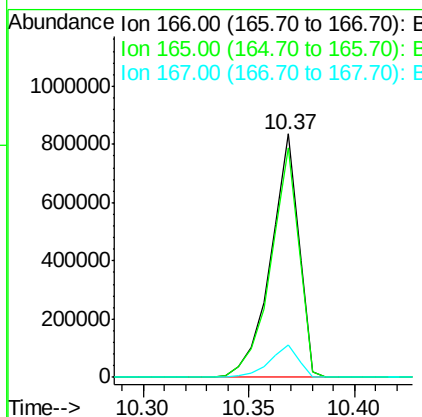
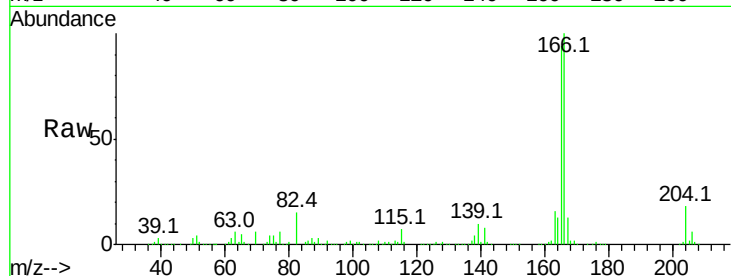
#57
Fluorene
 Concen: 41.391 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	771242		
165	94.1		78.8	118.2
167	13.4		10.6	16.0

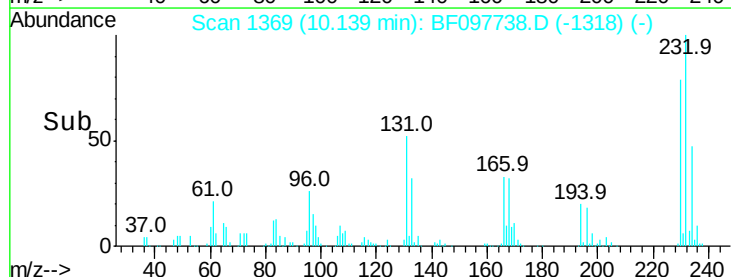
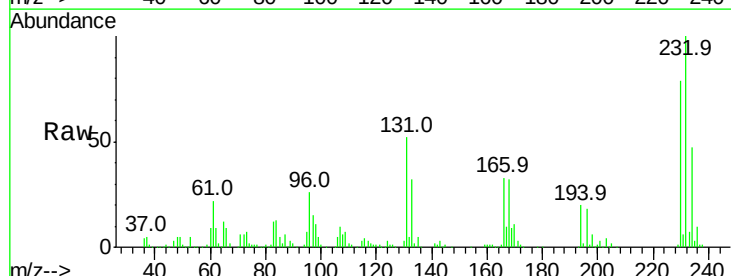
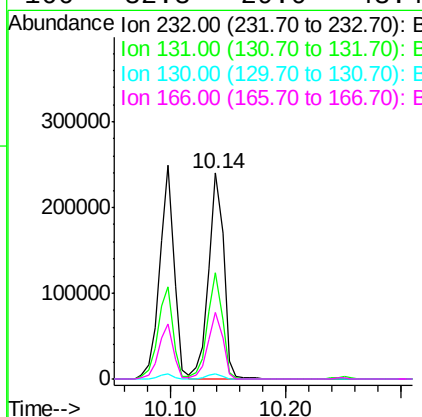
Manual Integrations
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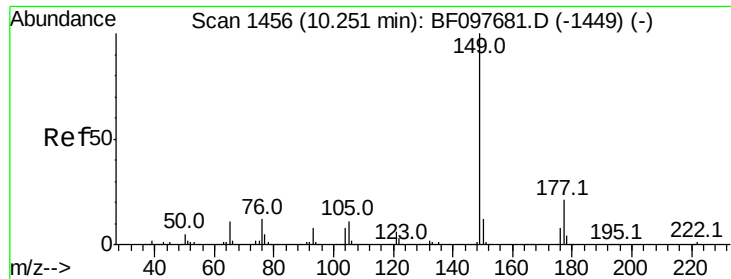
Sohil
 8/17/2017 5:57:33 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.243 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	218529		
131	50.8		44.8	67.2
130	2.7		2.3	3.5
166	32.3		29.0	43.4





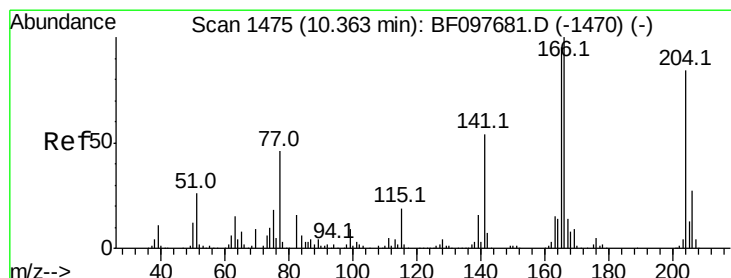
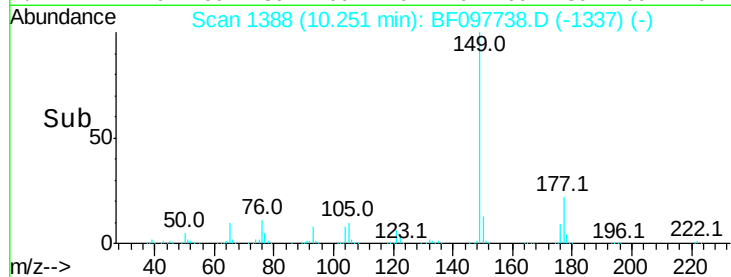
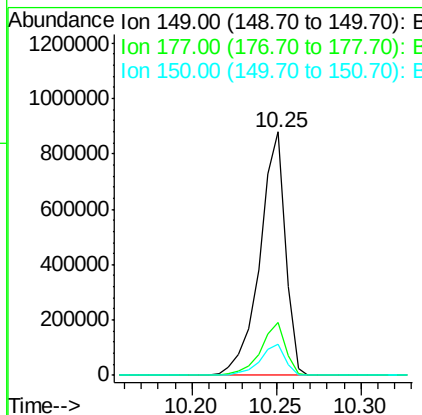
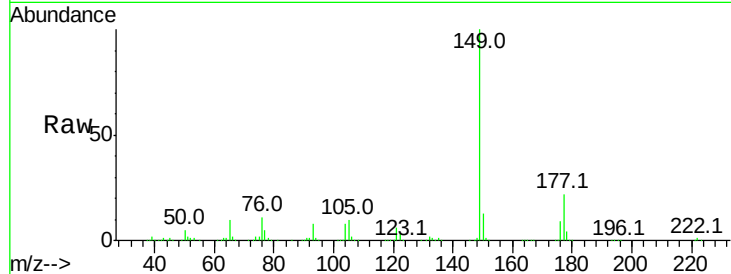
#59
Diethylphthalate
Concen: 44.845 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.6	10.2	15.2

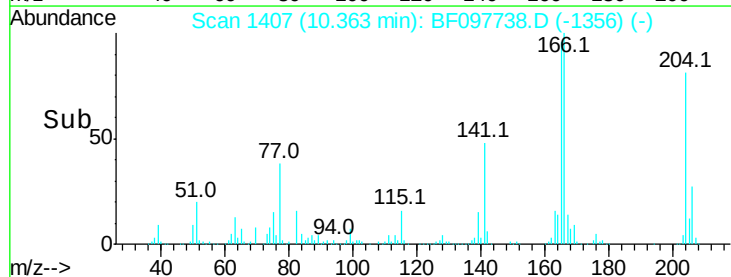
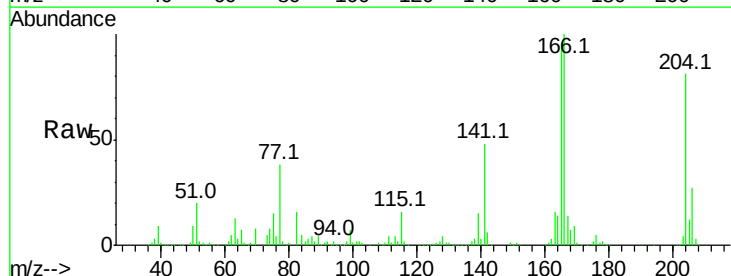
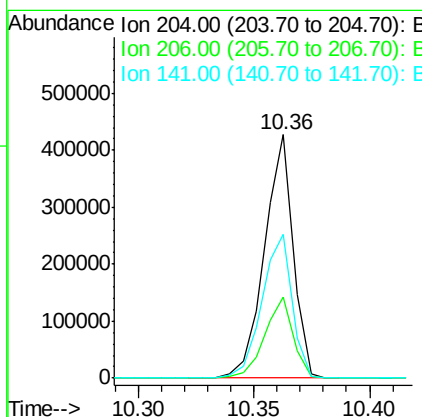
Manual Integrations
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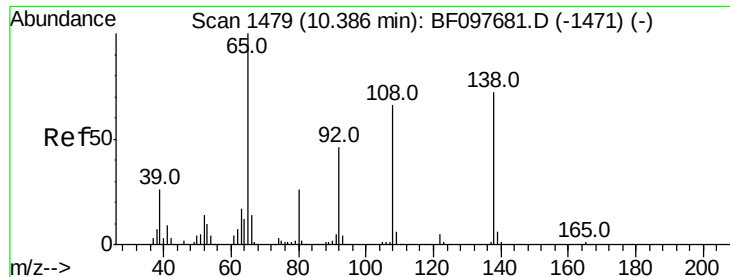
Sohil
8/17/2017 5:57:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.547 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	59.1	60.8	91.2#





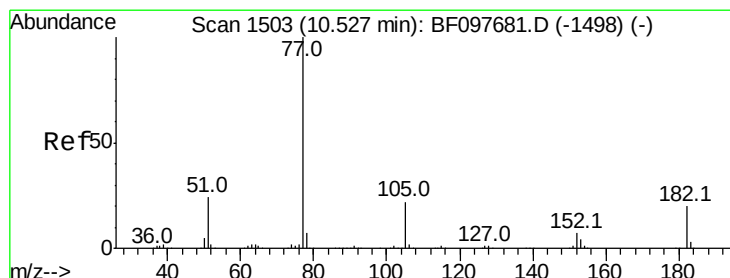
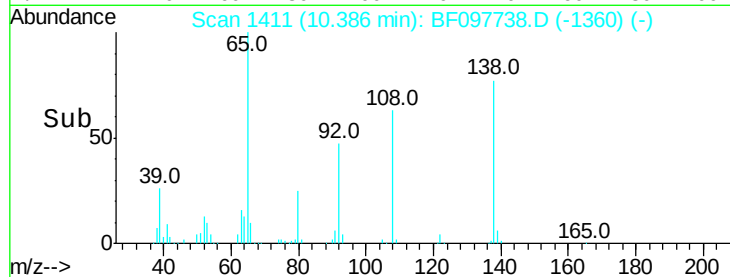
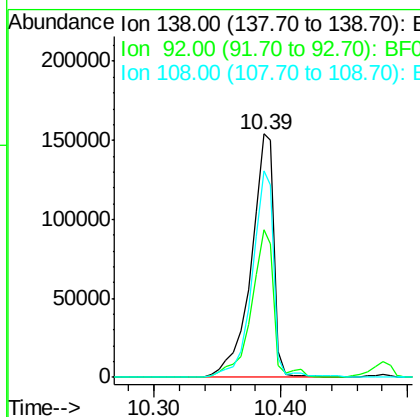
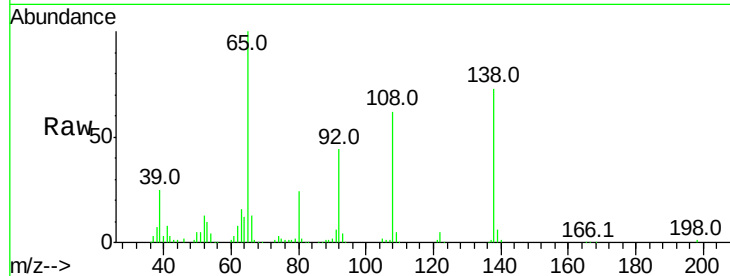
#61
4-Nitroaniline
Concen: 40.392 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.7	21.8	61.8
108	84.7	42.3	82.3

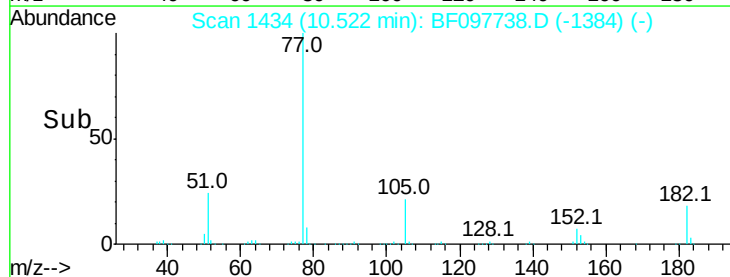
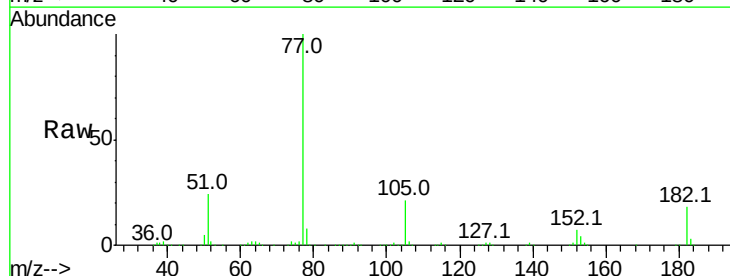
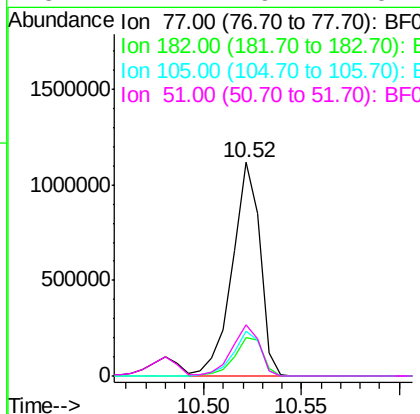
Manual Integrations
APPROVED

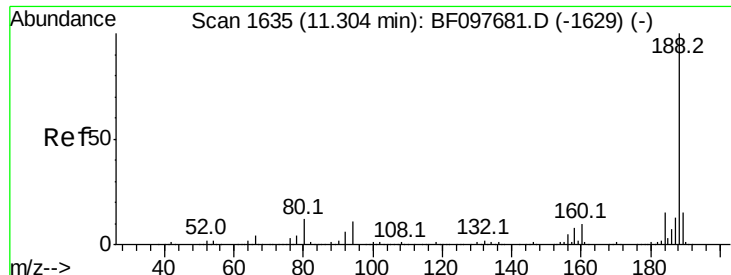
Sohil
8/17/2017 5:57:33 PM



#62
Azobenzene
Concen: 45.029 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	0.1	40.1
105	21.3	3.6	43.6
51	24.2	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

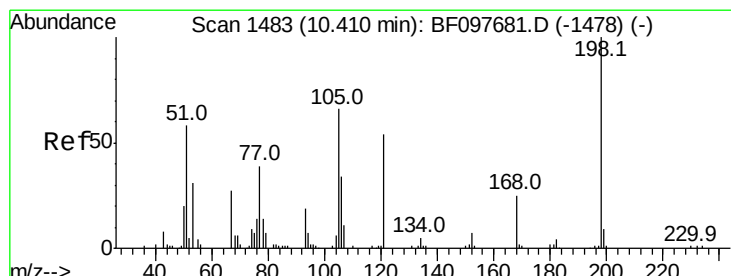
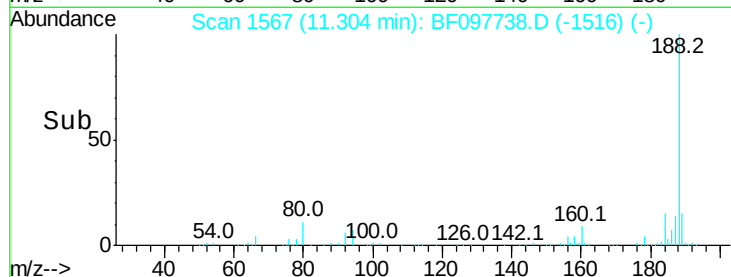
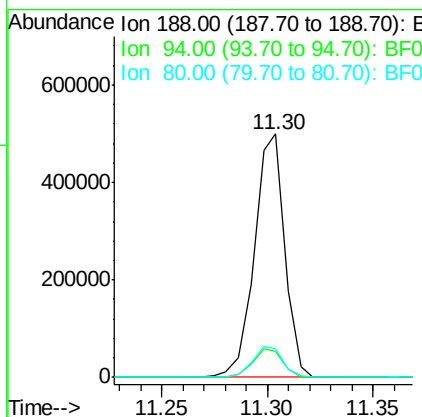
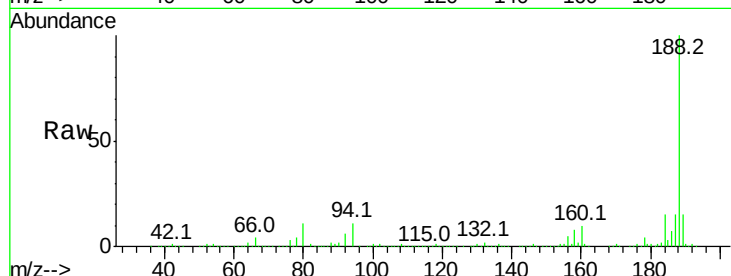
ClientSampleId :

SU-02-081117MSD

Tot Ion:	188	Resp:	498367
Ion Ratio	Lower	Upper	
188	100		
94	10.7	9.4	14.2
80	11.5	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 50.401 ng

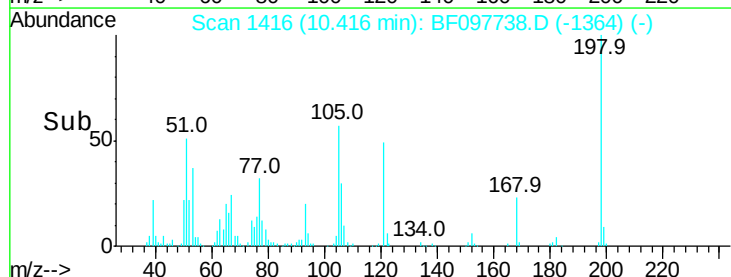
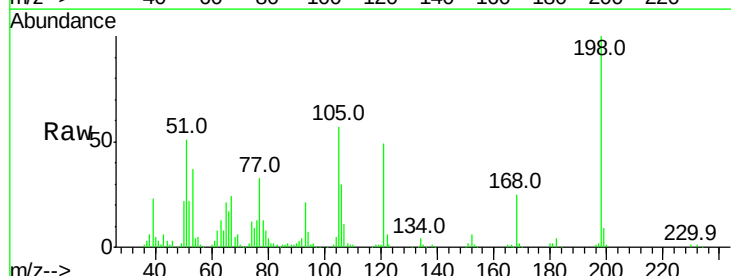
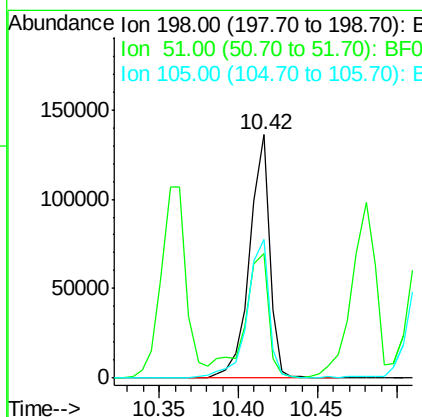
RT: 10.42 min Scan# 1416

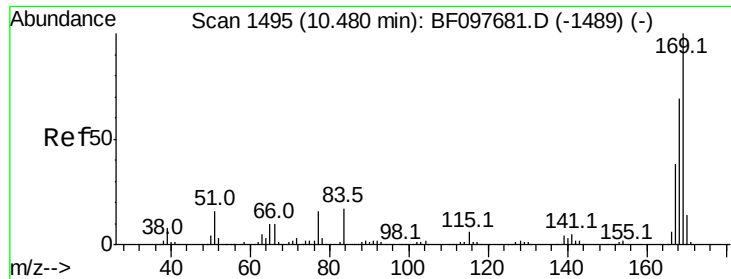
Delta R.T. 0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion:	198	Resp:	119546
Ion Ratio	Lower	Upper	
198	100		
51	51.0	53.2	93.2#
105	57.2	45.8	85.8





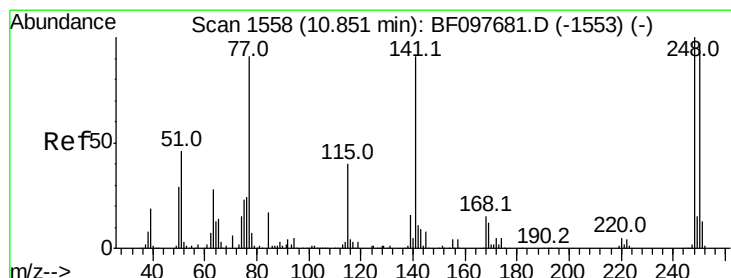
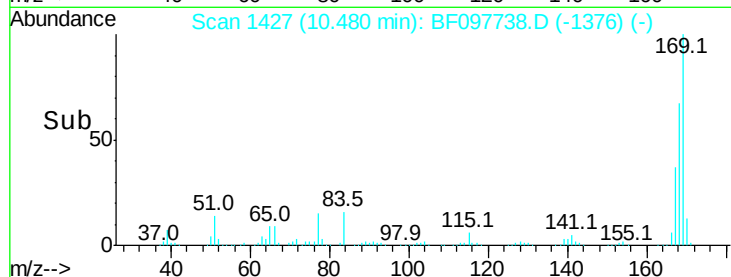
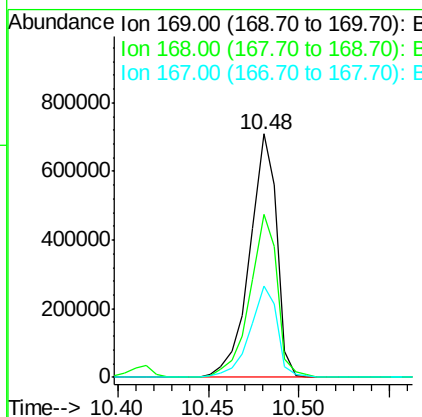
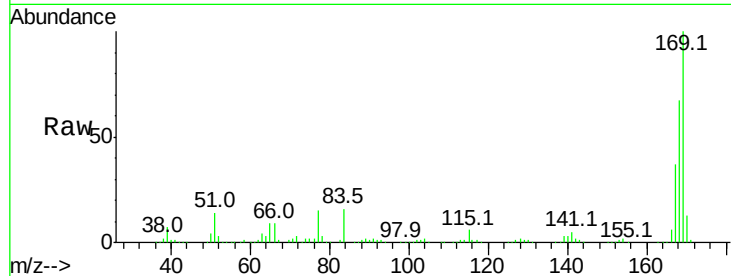
#65
n-Nitrosodiphenylamine
Concen: 43.263 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	37.3	29.5	44.3

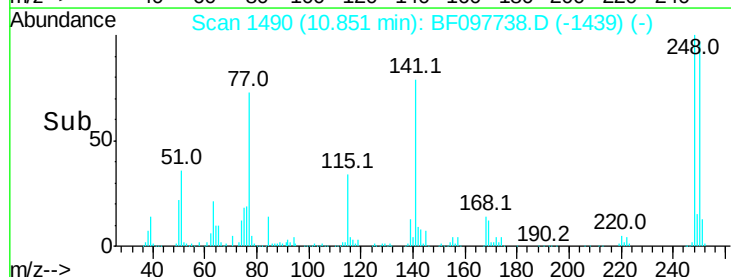
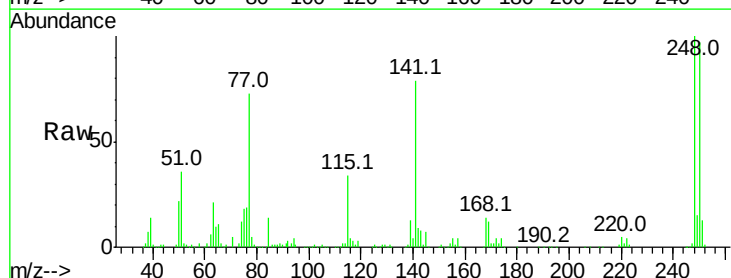
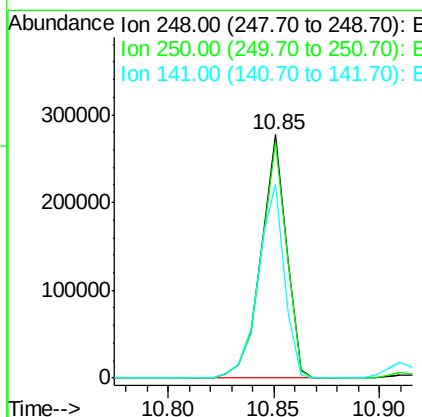
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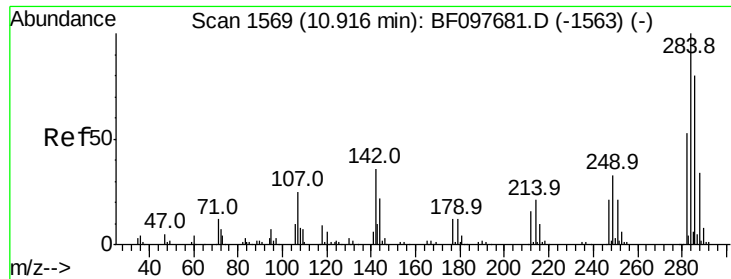
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 45.057 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.8	115.2
141	79.3	68.6	103.0





#67

Hexachlorobenzene

Concen: 42.412 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

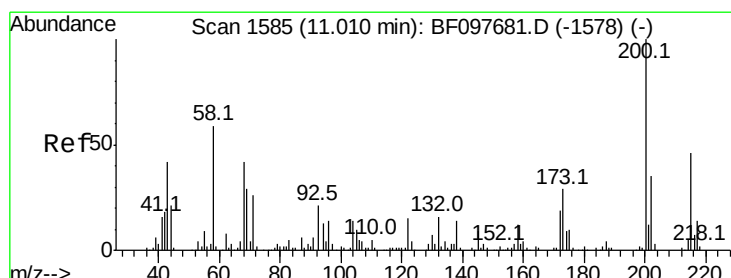
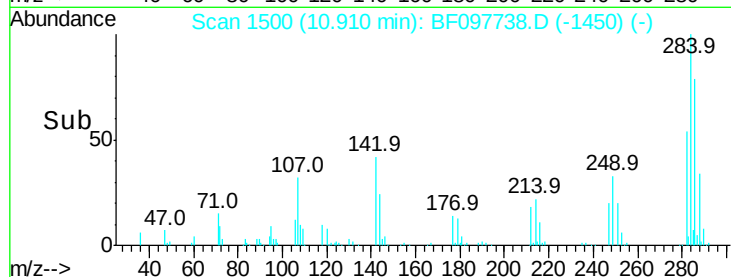
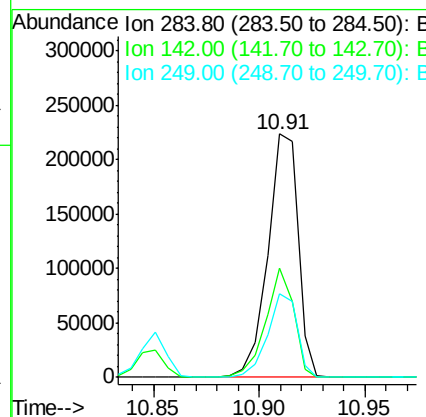
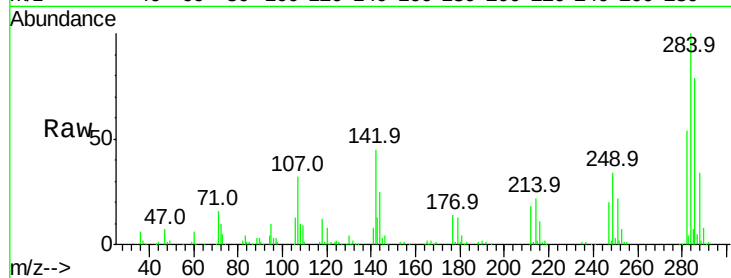
ClientSampleId :

SU-02-081117MSD

Tot Ion:	284	Resp:	223719
Ion Ratio		Lower	Upper
284	100		
142	44.9	22.8	34.2#
249	34.1	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 50.765 ng

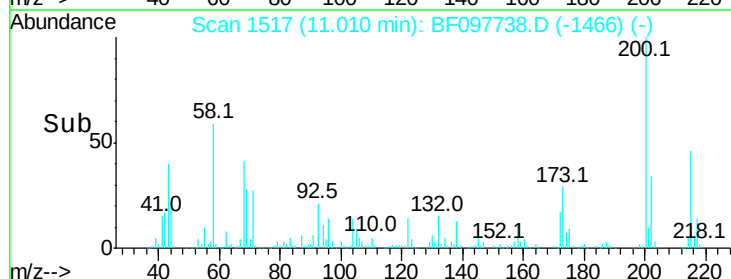
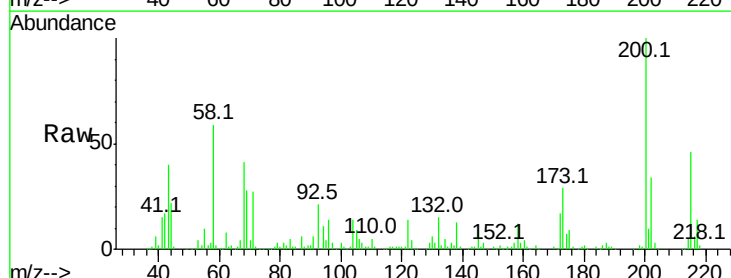
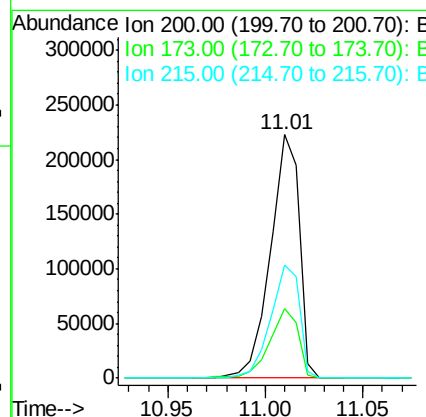
RT: 11.01 min Scan# 1517

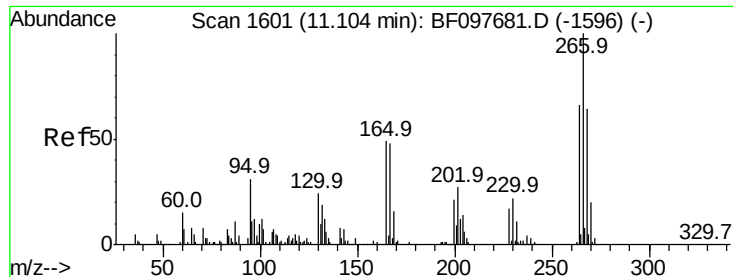
Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Tgt Ion:	200	Resp:	228475
Ion Ratio		Lower	Upper
200	100		
173	28.7	6.3	46.3
215	46.4	27.2	67.2





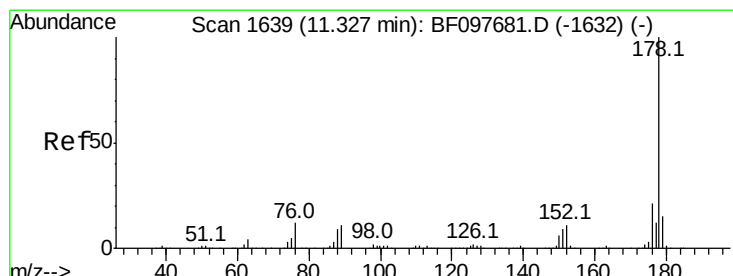
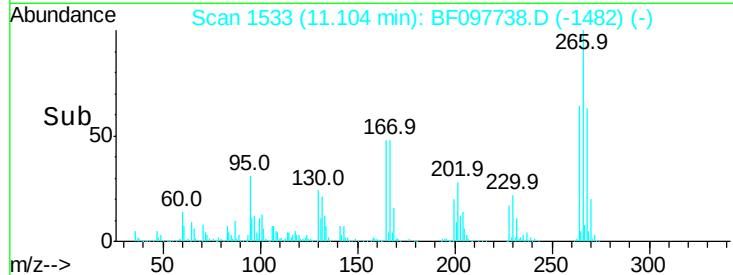
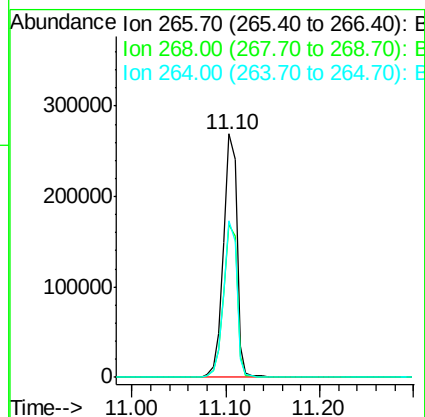
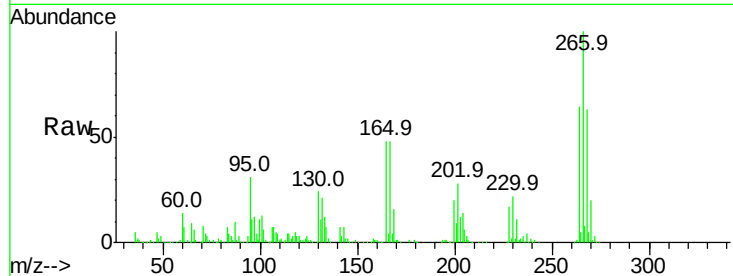
#69
 Pentachlorophenol
 Concen: 88.664 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion:	266	Resp:	272693
Ion Ratio	Lower	Upper	
266	100		
268	62.7	51.1	76.7
264	64.4	51.7	77.5

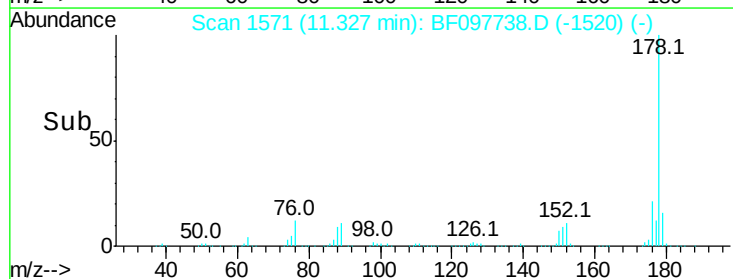
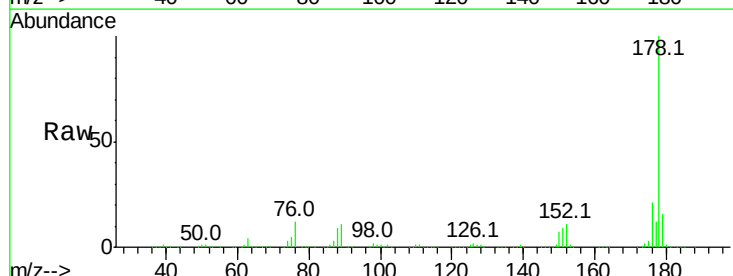
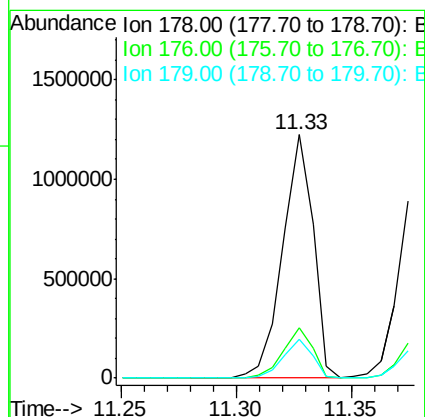
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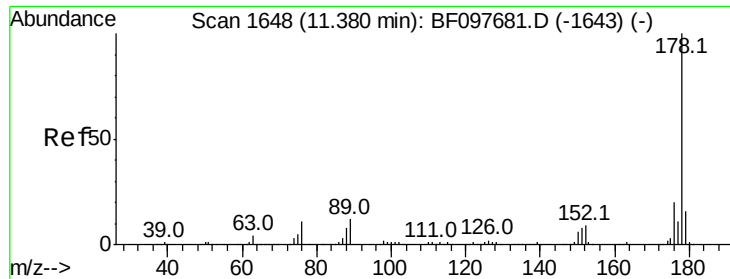
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#70
 Phenanthrene
 Concen: 42.159 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion:	178	Resp:	1119585
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.2	24.4
179	16.0	12.6	19.0





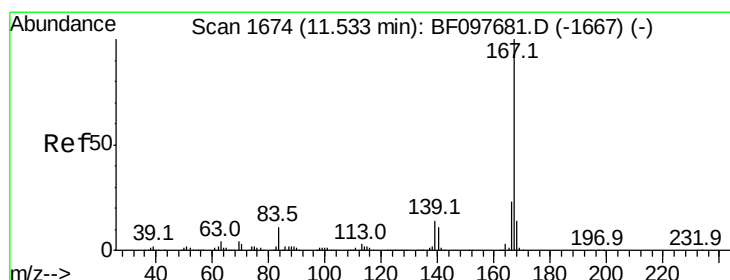
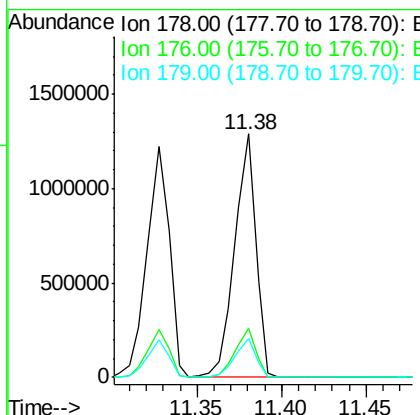
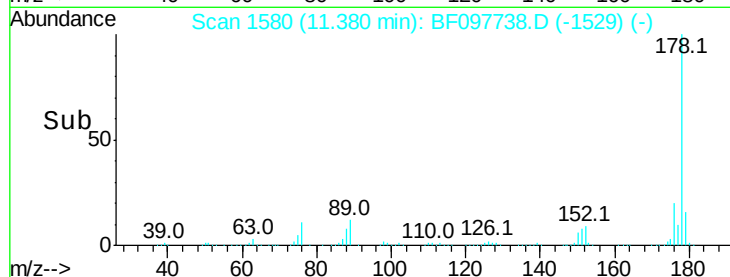
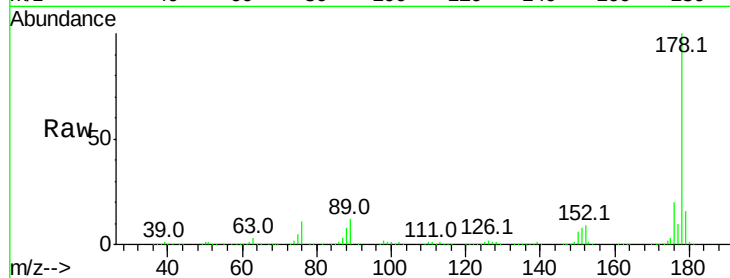
#71
 Anthracene
 Concen: 41.769 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion:178 Resp: 1125064
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.7 12.7 19.1

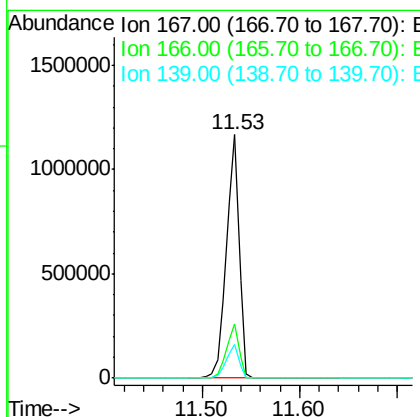
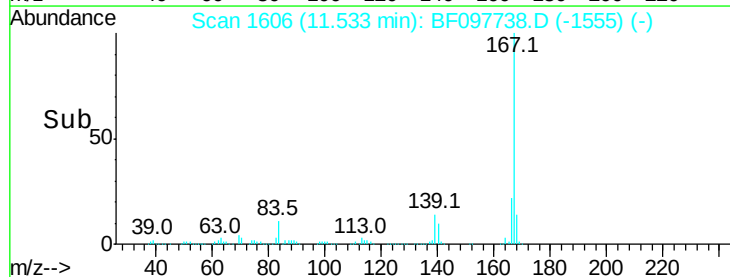
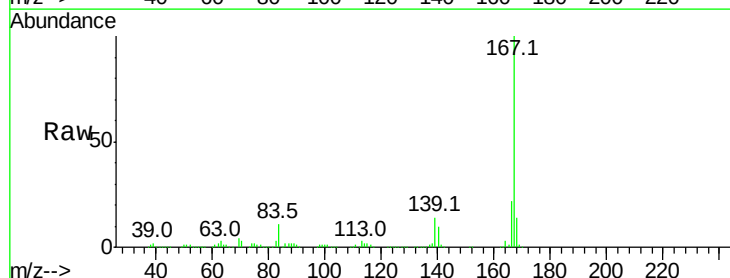
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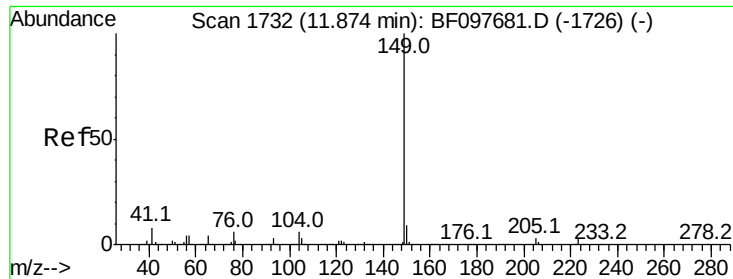
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#72
 Carbazole
 Concen: 41.765 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion:167 Resp: 1067822
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.140 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MSD

Tot Ion:149 Resp: 1417734

Ion Ratio Lower Upper

149 100

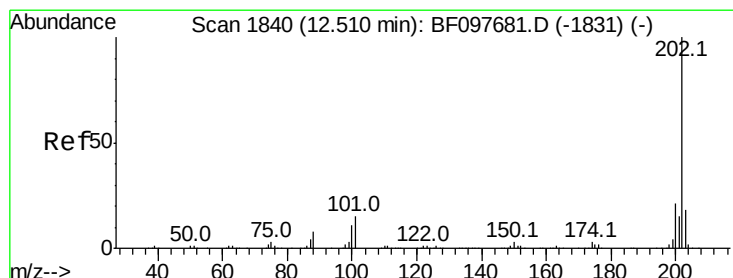
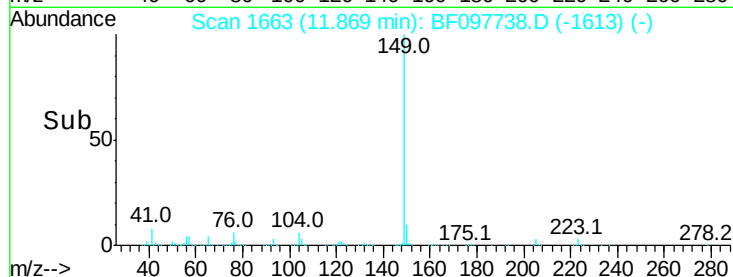
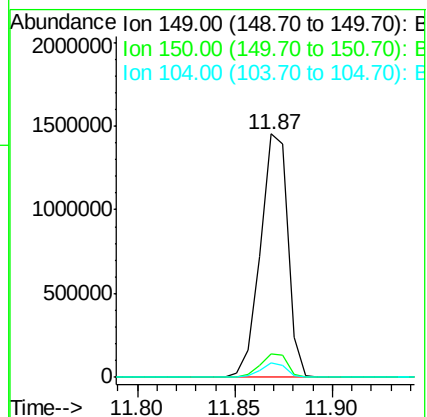
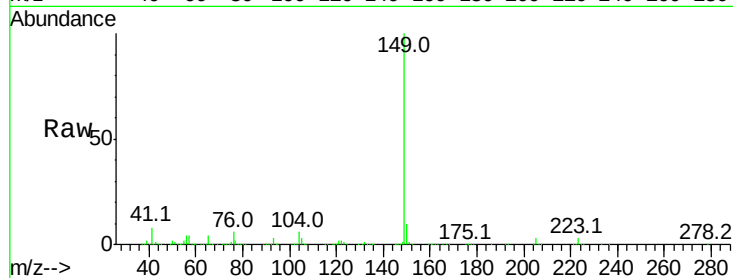
150 9.9 7.7 11.5

104 5.7 4.0 6.0

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#74

Fluoranthene

Concen: 41.595 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

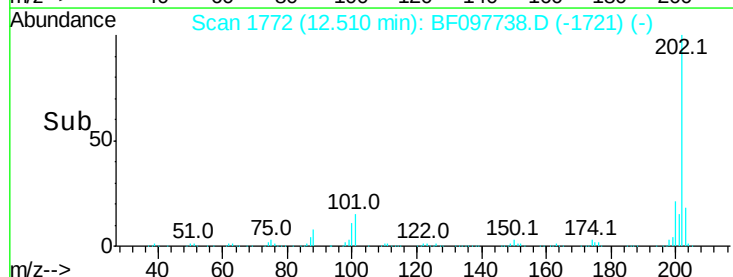
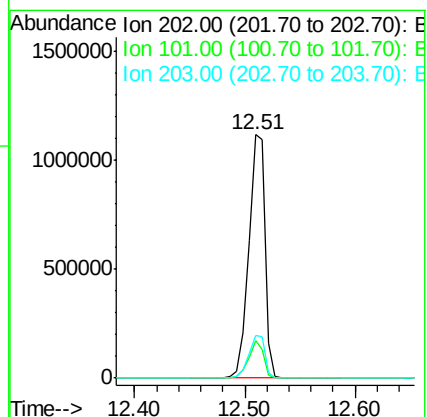
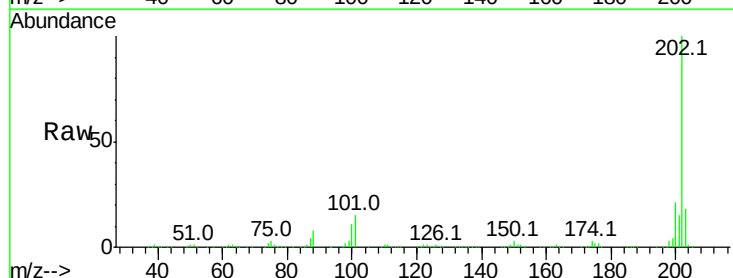
Tgt Ion:202 Resp: 1152963

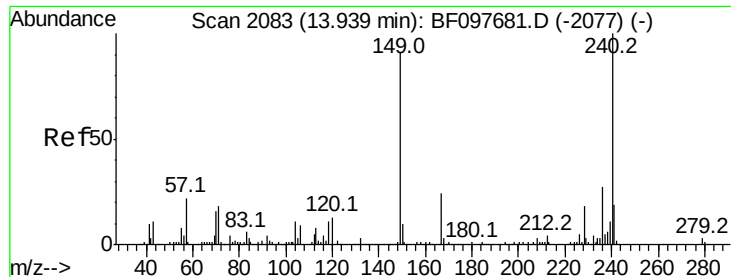
Ion Ratio Lower Upper

202 100

101 15.2 0.0 33.2

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MSD

Tot Ion:240 Resp: 318205

Ion Ratio Lower Upper

240 100

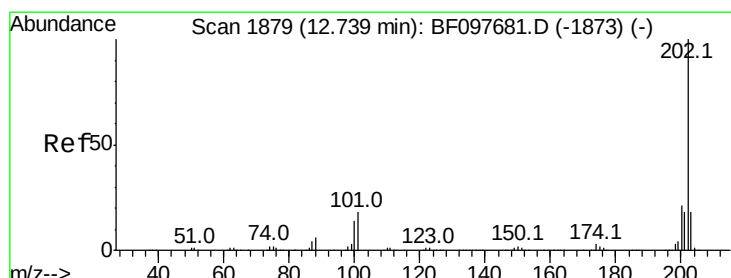
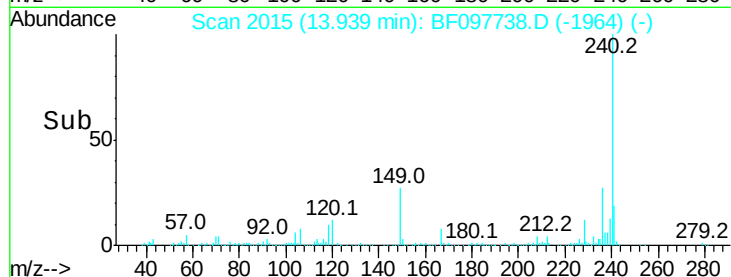
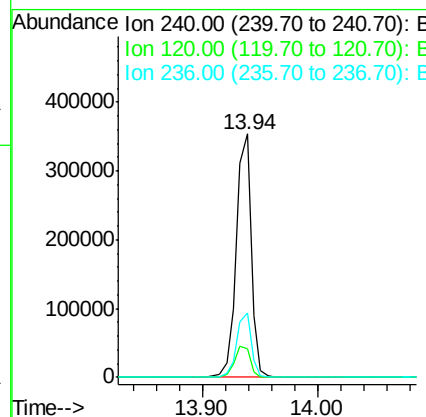
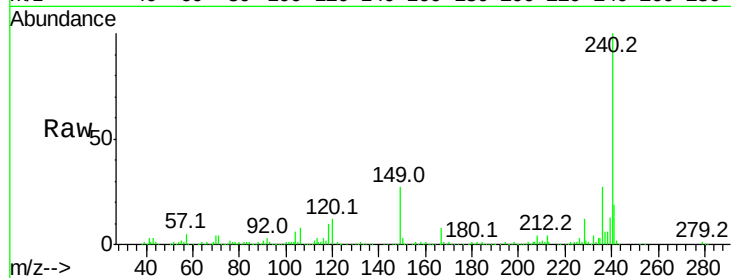
120 12.0 5.8 8.8#

236 26.6 20.5 30.7

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#77

Pyrene

Concen: 44.150 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097738.D

Acq: 16 Aug 2017 14:54

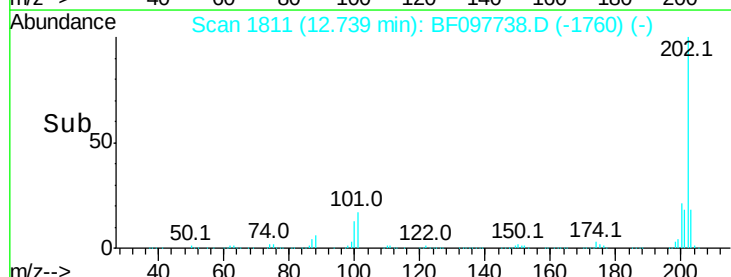
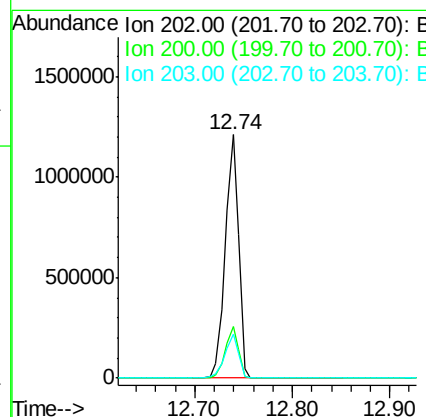
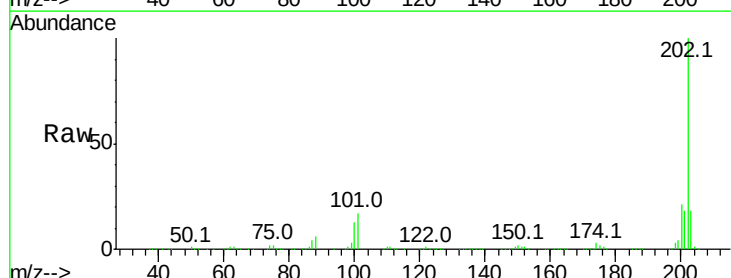
Tgt Ion:202 Resp: 1149014

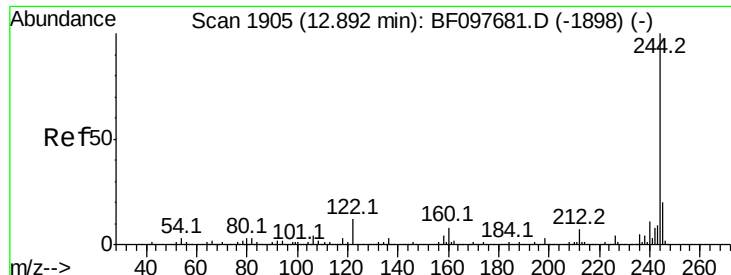
Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

203 18.0 14.4 21.6





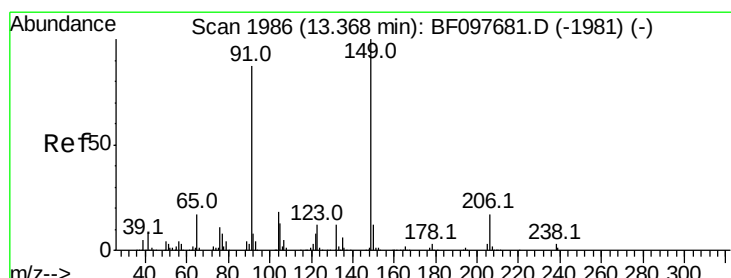
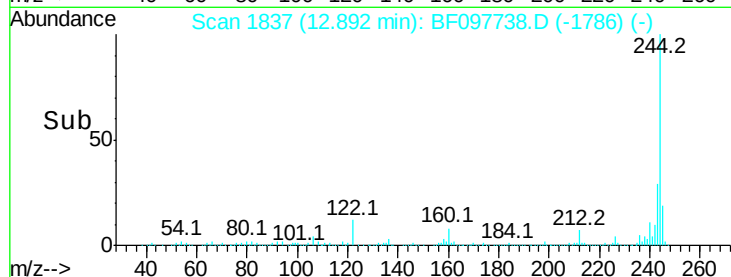
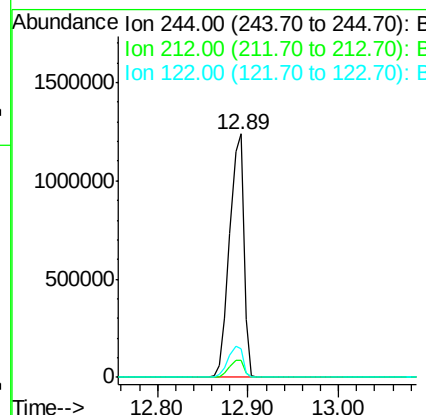
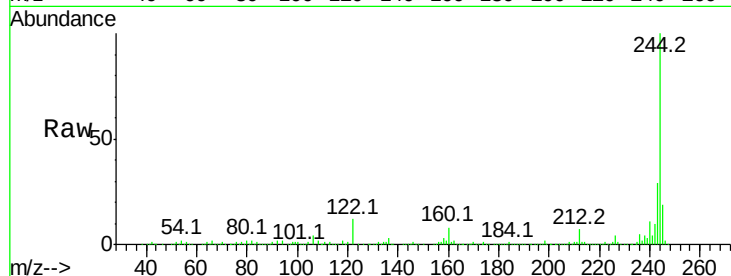
#78
 Terphenyl-d14
 Concen: 88.146 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion:244 Resp: 1345041
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.8 10.3 15.5

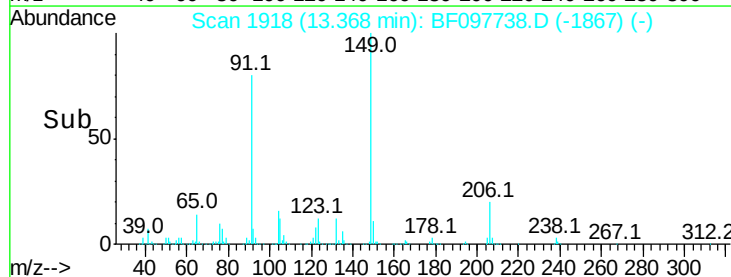
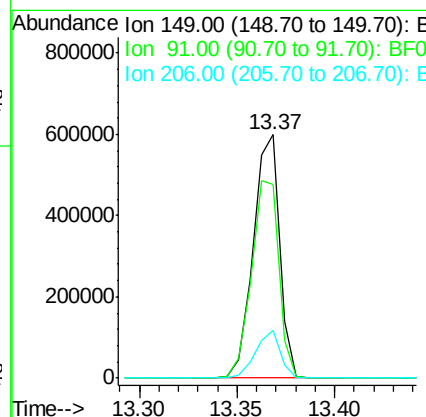
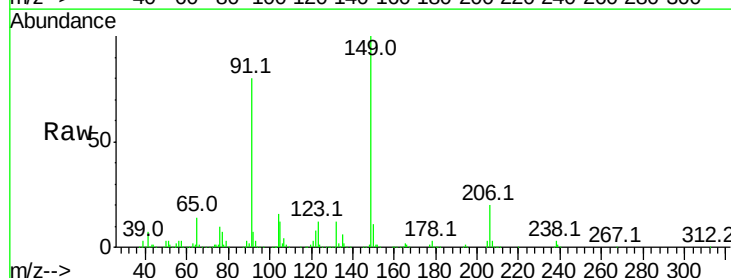
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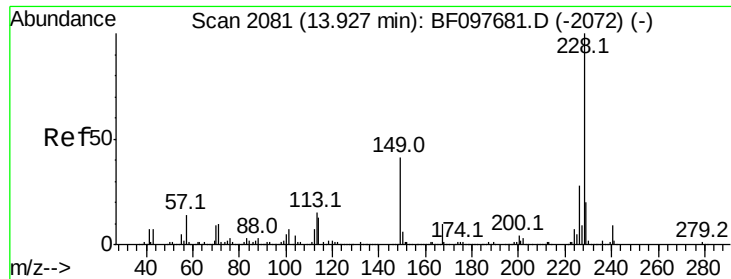
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#79
 Butylbenzylphthalate
 Concen: 56.047 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion:149 Resp: 559246
 Ion Ratio Lower Upper
 149 100
 91 79.6 45.0 67.4#
 206 19.5 17.0 25.6





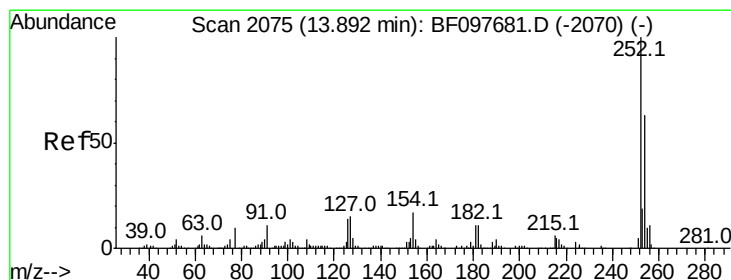
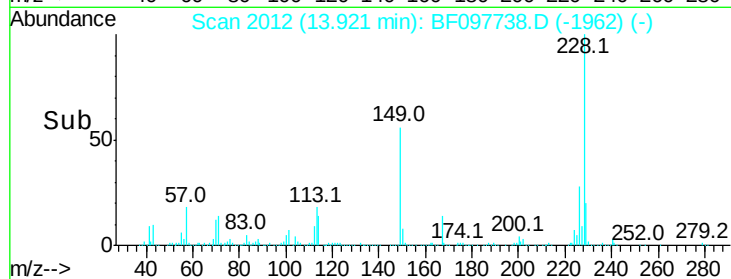
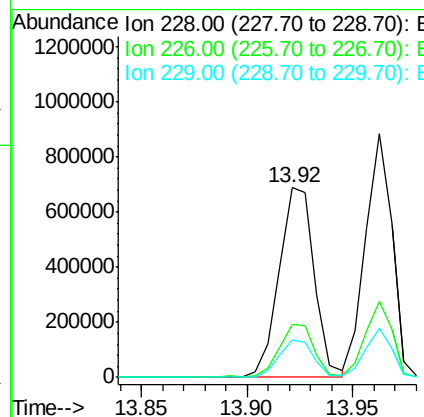
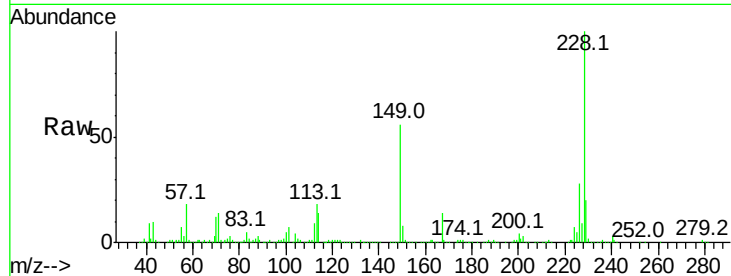
#80
Benzo(a)anthracene
Concen: 41.985 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	16.3	24.5

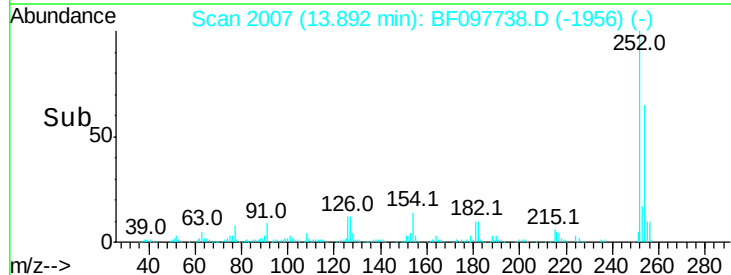
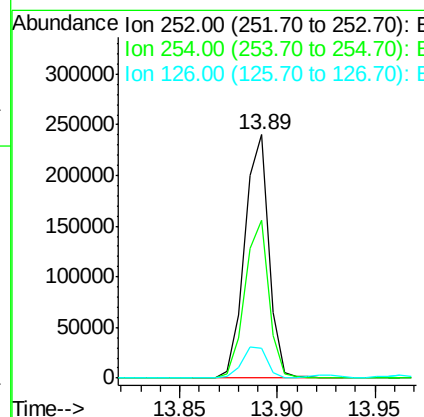
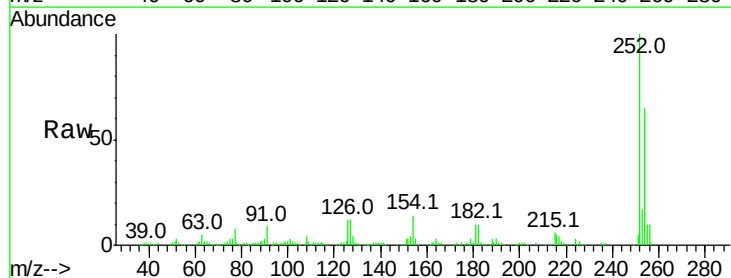
Manual Integrations
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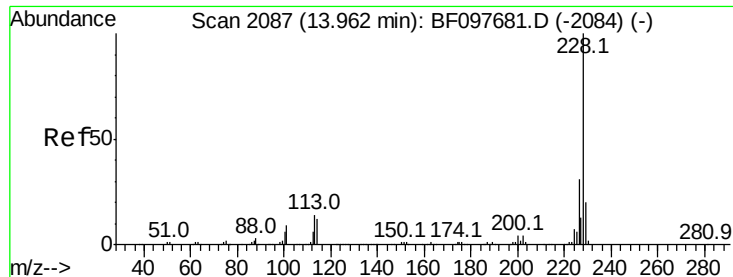
Sohil
8/17/2017 5:57:33 PM



#81
3,3'-Dichlorobenzidine
Concen: 32.130 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	12.2	15.8	23.8





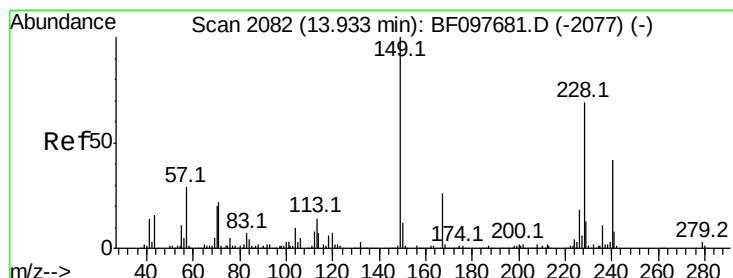
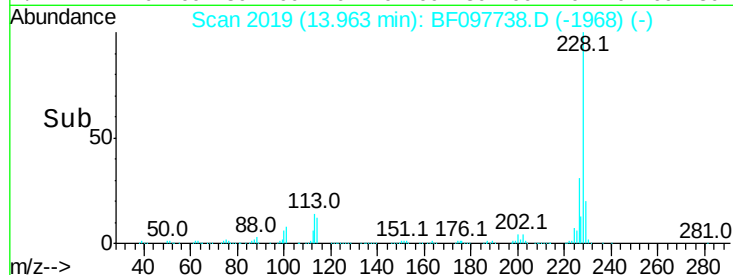
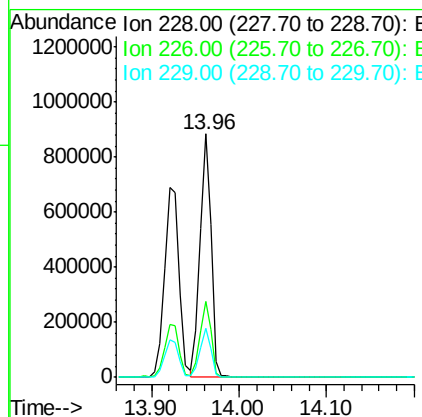
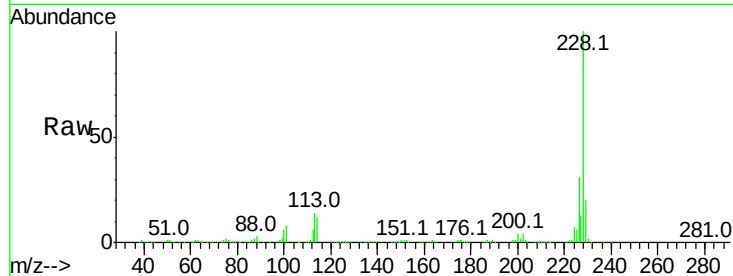
#82
 Chrysene
 Concen: 41.574 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.0	15.8	23.6

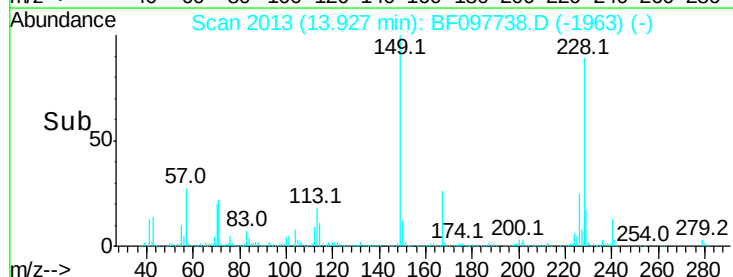
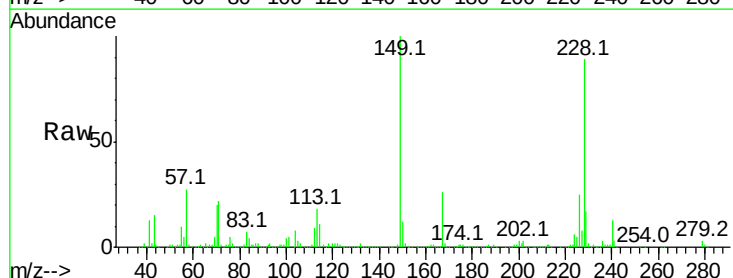
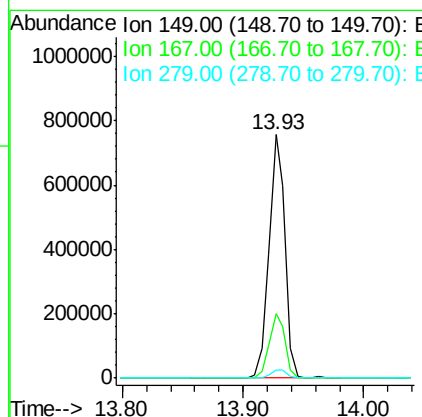
Manual Integrations
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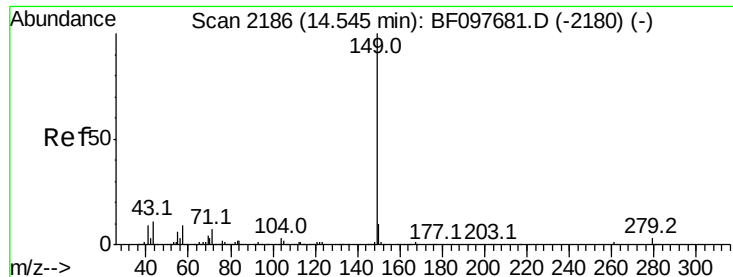
Sohil
 8/17/2017 5:57:33 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.472 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF097738.D
 Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.1	1.9	2.9#





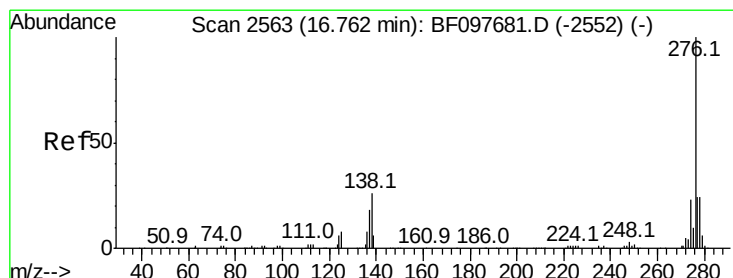
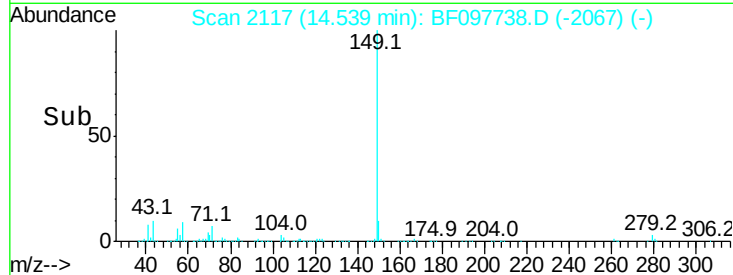
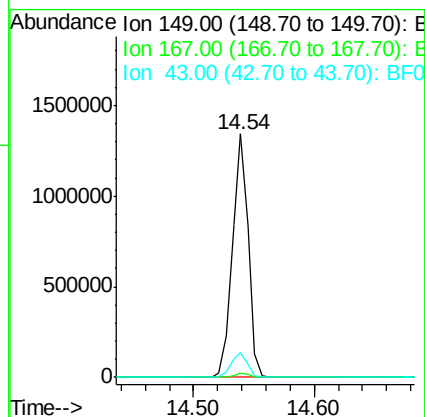
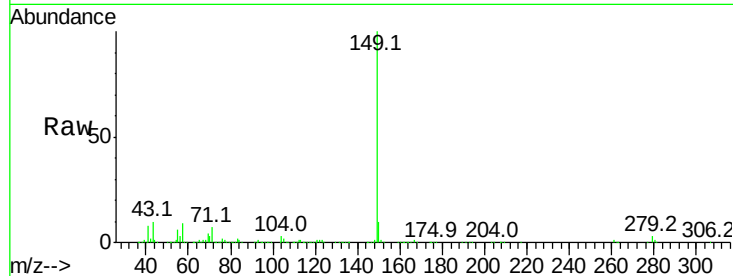
#84
Di-n-octyl phthalate
Concen: 63.094 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.3	8.5	12.7

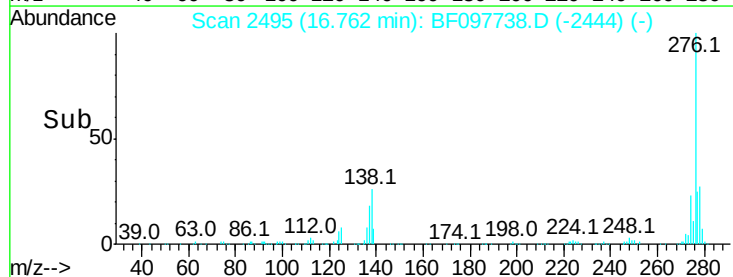
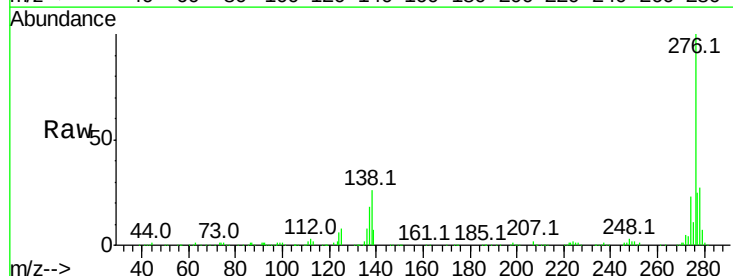
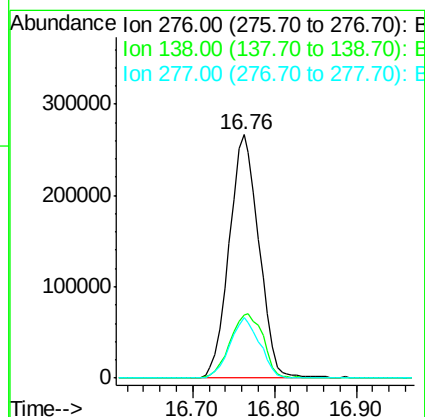
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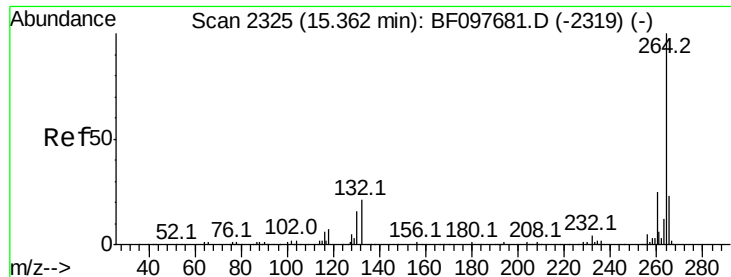
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 48.425 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	25.0	20.2	30.4





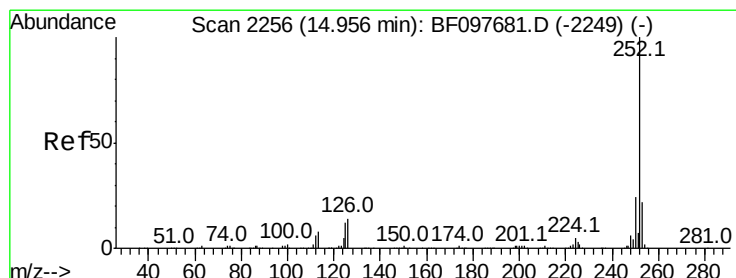
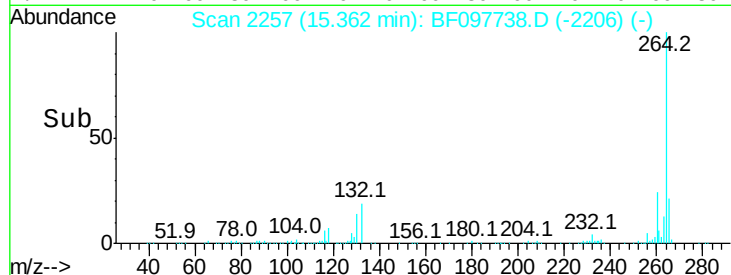
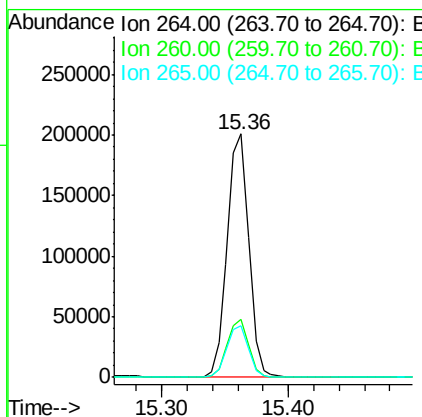
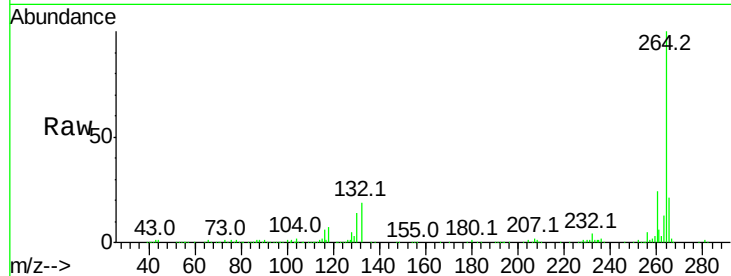
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.1	17.2	25.8

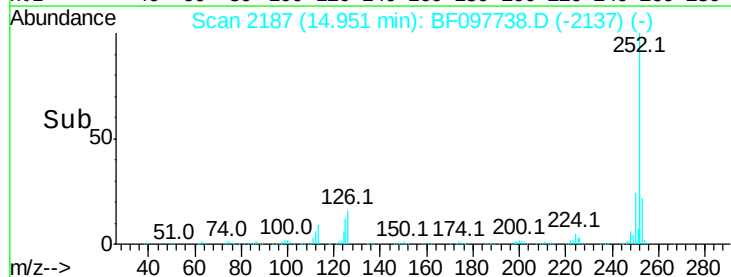
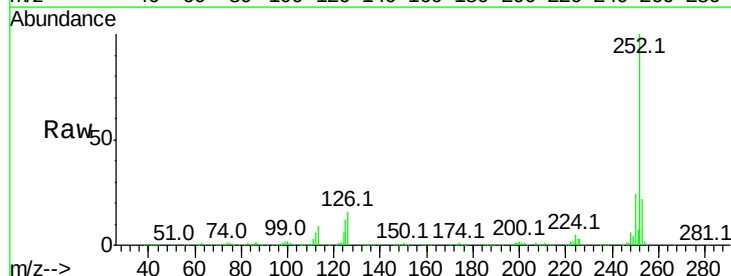
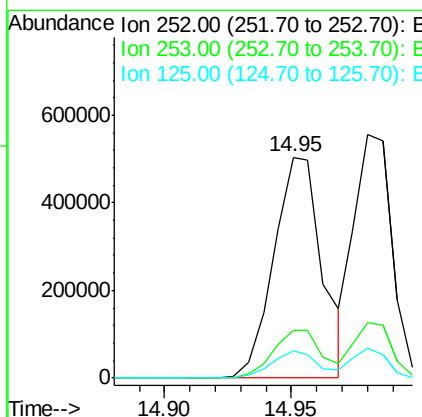
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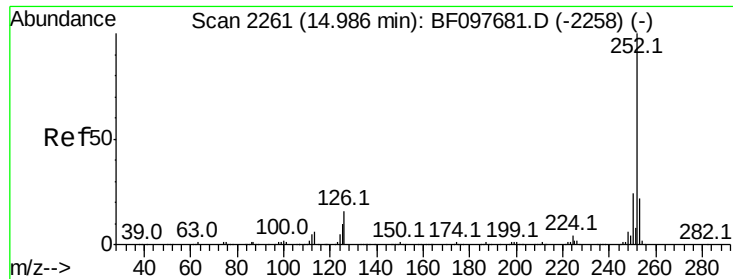
Sohil
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#87
Benzo(b)fluoranthene
Concen: 44.948 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.1	9.8	14.8





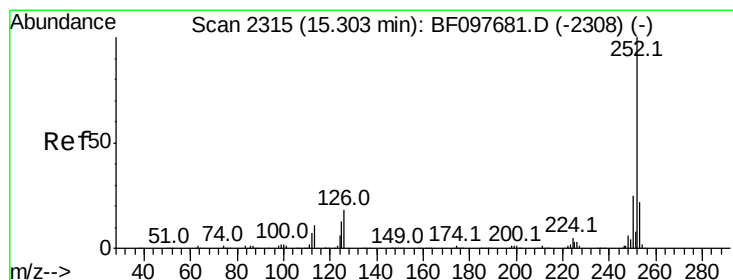
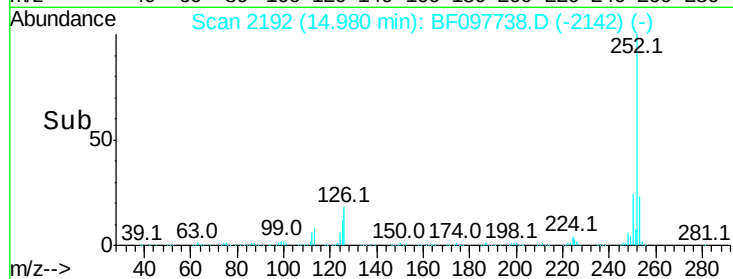
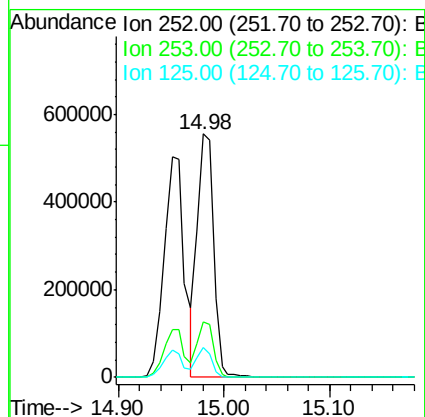
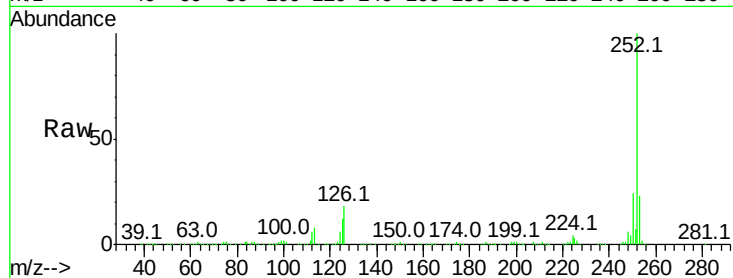
#88
Benzo(k)fluoranthene
Concen: 41.820 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	587624		
253	22.6	18.4	27.6	
125	12.2	13.1	19.7	

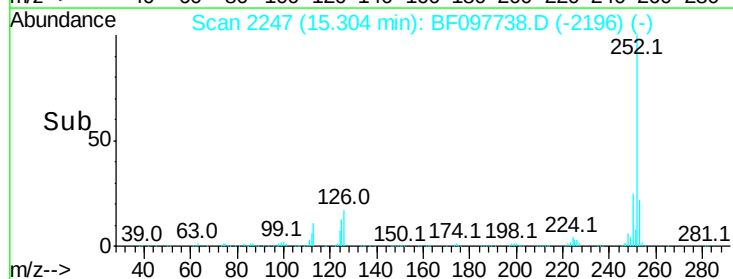
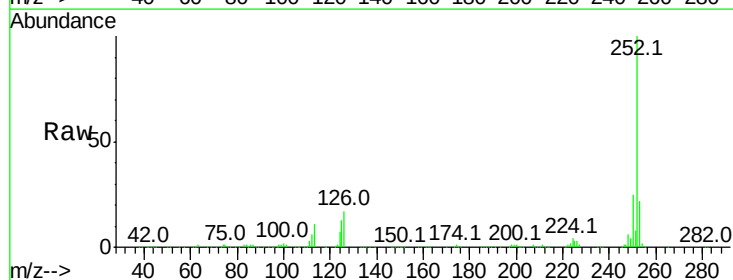
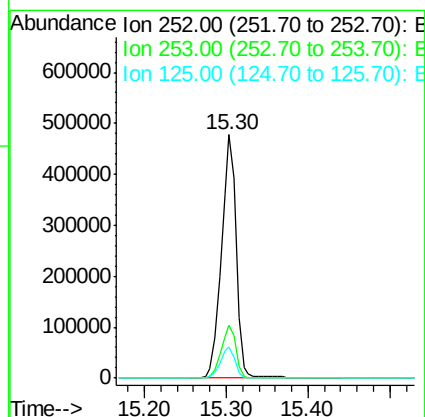
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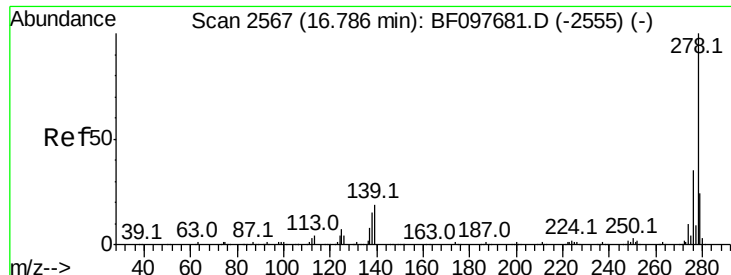
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#89
Benzo(a)pyrene
Concen: 45.507 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	602529		
253	21.7	17.5	26.3	
125	12.8	11.0	16.4	





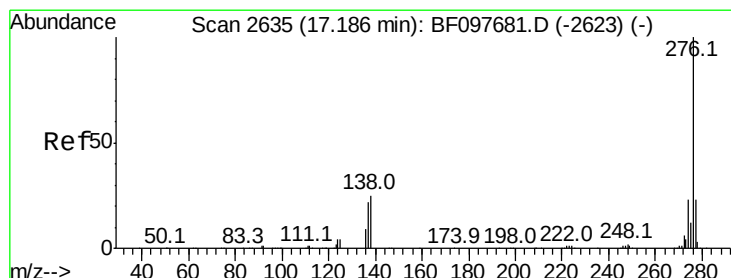
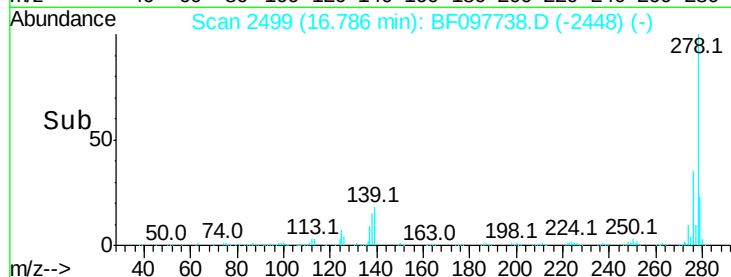
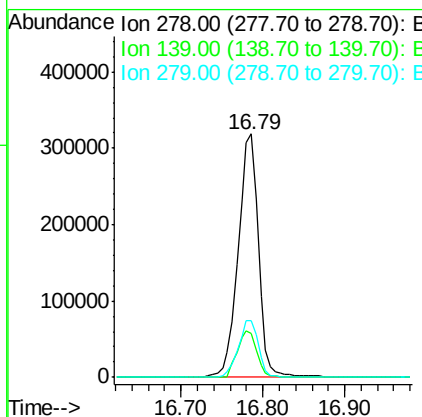
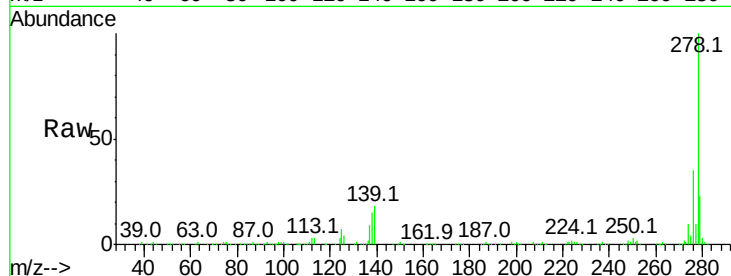
#90
Dibenzo(a,h)anthracene
Concen: 51.302 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Tot Ion:	278	Resp:	552993
Ion Ratio	Lower	Upper	
278	100		
139	18.3	16.6	24.8
279	23.3	19.3	28.9

Manual Integrations
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8/17/2017 5:57:33 PM



#91
Benzo(g,h,i)perylene
Concen: 50.947 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BF097738.D
Acq: 16 Aug 2017 14:54

Tgt Ion:	276	Resp:	573012
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	24.4	25.4	38.0#

