

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097022.D
 Acq On : 25 Jul 2017 12:04
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:54:15 PM

Quant Time: Jul 25 13:34:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 13:17:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	130047	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	512544	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	231317	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	364693	20.00	ng	0.00
75) Chrysene-d12	13.63	240	216977	20.00	ng	0.00
86) Perylene-d12	14.97	264	219843	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	947597	109.56	ng	0.00
7) Phenol-d6	6.17	99	1037518	99.96	ng	0.00
23) Nitrobenzene-d5	7.08	82	1023117	123.64	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	197209	99.88	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	1427522	97.50	ng	0.00
78) Terphenyl-d14	12.59	244	1212938	96.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	224780	50.507	ng	# 76
3) Pyridine	2.66	79	687540	73.510	ng	# 66
4) n-Nitrosodimethylamine	2.63	42	361966	69.203	ng	# 85
6) Aniline	6.17	93	664934	52.009	ng	# 74
8) 2-Chlorophenol	6.29	128	503901	54.004	ng	# 92
9) Benzaldehyde	6.05	77	274397	45.740	ng	# 99
10) Phenol	6.19	94	632355	53.894	ng	# 97
11) bis(2-Chloroethyl)ether	6.25	93	520012	58.936	ng	# 89
12) 1,3-Dichlorobenzene	6.44	146	552834	55.739	ng	# 97
13) 1,4-Dichlorobenzene	6.52	146	551836	54.940	ng	# 95
14) 1,2-Dichlorobenzene	6.67	146	460877	50.447	ng	# 100
15) Benzyl Alcohol	6.66	79	333200	49.034	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	1020846	56.062	ng	# 91
17) 2-Methylphenol	6.79	107	398322	54.897	ng	# 88
18) Hexachloroethane	7.01	117	207899	58.372	ng	# 79
19) n-Nitroso-di-n-propylamine	6.94	70	347983	55.650	ng	# 82
20) 3+4-Methylphenols	6.95	107	492742	55.963	ng	# 64
22) Acetophenone	6.93	105	725250	63.310	ng	# 98
24) Nitrobenzene	7.10	77	529417	61.862	ng	# 93
25) Isophorone	7.35	82	1024381	66.547	ng	# 97
26) 2-Nitrophenol	7.41	139	301702	63.402	ng	# 87
27) 2,4-Dimethylphenol	7.47	122	452514	57.803	ng	# 98
28) bis(2-Chloroethoxy)methane	7.56	93	613451	58.976	ng	# 100
29) 2,4-Dichlorophenol	7.66	162	389823	55.011	ng	# 97
30) 1,2,4-Trichlorobenzene	7.73	180	378767	56.217	ng	# 98
31) Naphthalene	7.81	128	1344257	55.364	ng	# 99
32) Benzoic acid	7.65	122	374296	74.806	ng	# 96
33) 4-Chloroaniline	7.87	127	552218	57.404	ng	# 98
34) Hexachlorobutadiene	7.93	225	198726	55.251	ng	# 97
35) Caprolactam	8.27	113	130378m	57.421	ng	# 91
36) 4-Chloro-3-methylphenol	8.37	107	425800	55.883	ng	# 98
37) 2-Methylnaphthalene	8.50	142	842635	54.436	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	330639	52.877	ng	# 99
40) Hexachlorocyclopentadiene	8.66	237	121358	58.396	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	243554	52.804	nq	98
43) 2,4,5-Trichlorophenol	8.83	196	235480	50.621	nq	98
45) 1,1'-Biphenyl	8.97	154	1026070	51.721	nq	98
46) 2-Chloronaphthalene	8.99	162	784316	53.690	nq	# 92
47) 2-Nitroaniline	9.09	65	301120	59.967	nq	94
48) Acenaphthylene	9.40	152	1181412	50.757	nq	99
49) Dimethylphthalate	9.28	163	969103	55.640	nq	99
50) 2,6-Dinitrotoluene	9.34	165	210314	55.748	nq	# 90
51) Acenaphthene	9.57	154	723292	52.603	nq	99
52) 3-Nitroaniline	9.50	138	271397	60.726	nq	96
53) 2,4-Dinitrophenol	9.62	184	111799	70.447	nq	# 74
54) Dibenzofuran	9.74	168	912172	47.341	nq	97
55) 4-Nitrophenol	9.69	139	165170	50.587	nq	# 63
56) 2,4-Dinitrotoluene	9.74	165	226991	46.823	nq	# 48
57) Fluorene	10.08	166	695495	48.846	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	181650	56.305	nq	98
59) Diethylphthalate	9.97	149	894096	52.731	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	285934	47.763	nq	99
61) 4-Nitroaniline	10.12	138	252790	60.234	nq	91
62) Azobenzene	10.23	77	836719	55.937	nq	93
64) 4,6-Dinitro-2-methylphenol	10.15	198	149685	65.372	nq	90
65) n-Nitrosodiphenylamine	10.20	169	711333	54.565	nq	98
66) 4-Bromophenyl-phenylether	10.56	248	202347	54.345	nq	97
67) Hexachlorobenzene	10.63	284	226808	54.692	nq	# 86
68) Atrazine	10.73	200	199746	53.781	nq	95
69) Pentachlorophenol	10.83	266	103443	51.635	nq	97
70) Phenanthrene	11.03	178	1061149	53.513	nq	99
71) Anthracene	11.09	178	1080217	53.878	nq	99
72) Carbazole	11.25	167	1049186	54.039	nq	99
73) Di-n-butylphthalate	11.59	149	1337105	55.298	nq	99
74) Fluoranthene	12.21	202	1054832	55.575	nq	97
76) Benzidine	12.33	184	425948	59.923	nq	99
77) Pyrene	12.44	202	1117228	56.736	nq	99
79) Butylbenzylphthalate	13.07	149	549049	58.683	nq	# 78
80) Benzo(a)anthracene	13.62	228	855048	63.246	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	313168	64.417	nq	# 96
82) Chrysene	13.66	228	821298	61.709	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	733435	64.370	nq	97
84) Di-n-octyl phthalate	14.24	149	1264172	67.120	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.20	276	692528	57.332	nq	97
87) Benzo(b)fluoranthene	14.62	252	722582	54.497	nq	97
88) Benzo(k)fluoranthene	14.64	252	719592	57.313	nq	97
89) Benzo(a)pyrene	14.93	252	678230	55.771	nq	98
90) Dibenzo(a,h)anthracene	16.22	278	550885	49.231	nq	98
91) Benzo(g,h,i)perylene	16.57	276	605837	50.560	nq	98

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

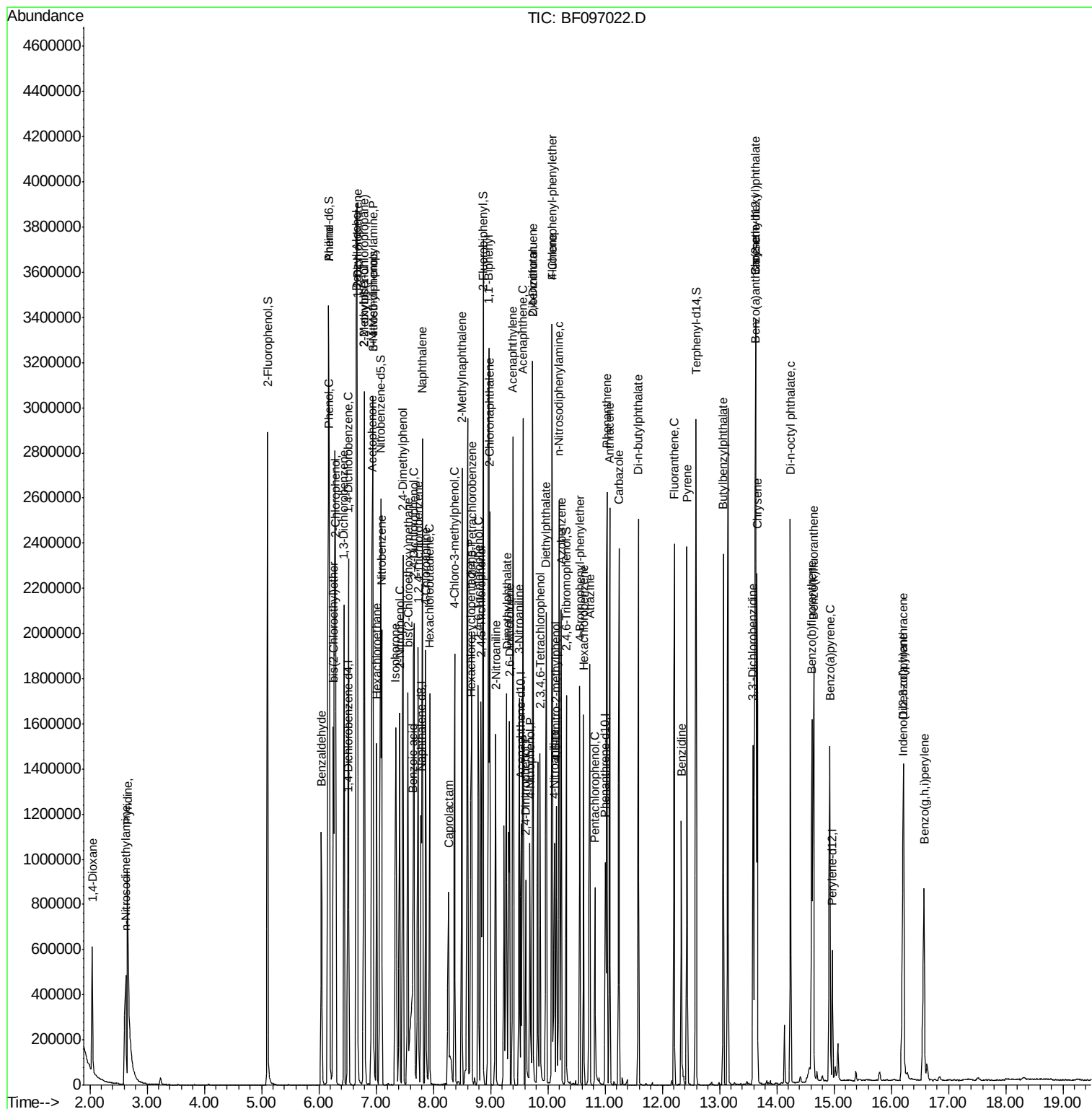
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Operator  : SJ/JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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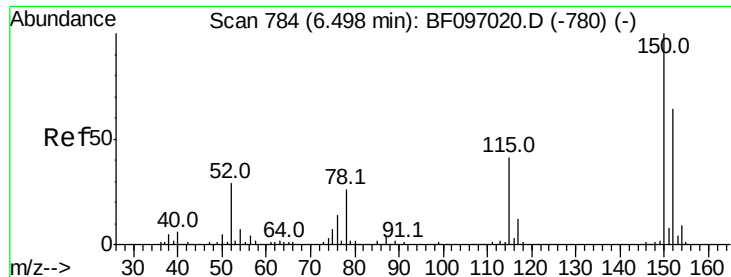
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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#1

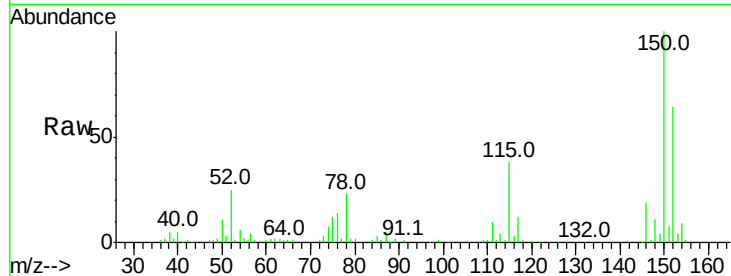
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampled :
SSTDICC060

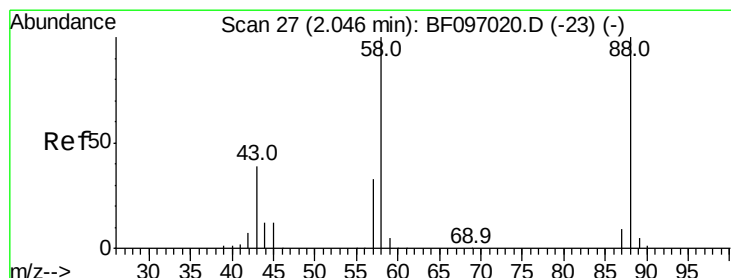
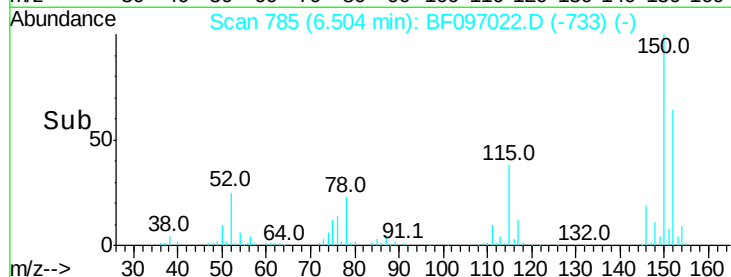
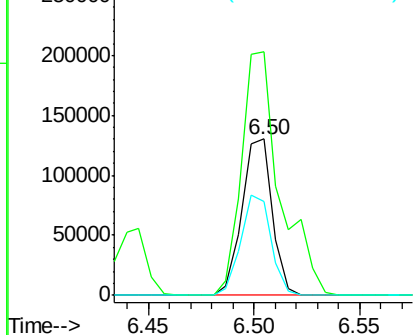
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	59.7	52.2	78.2

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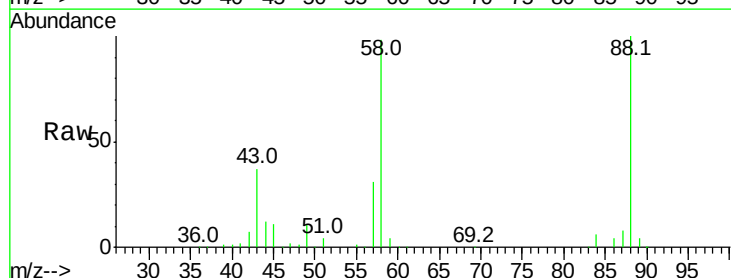
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



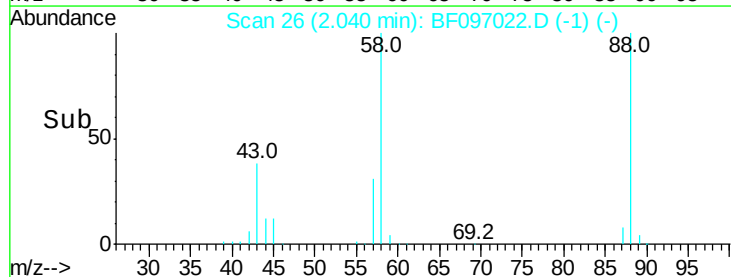
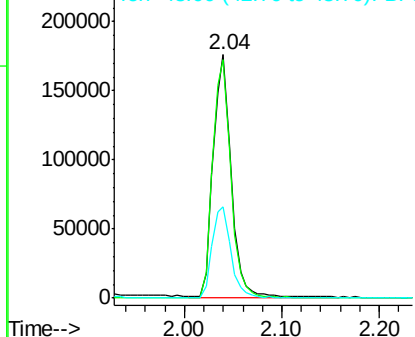
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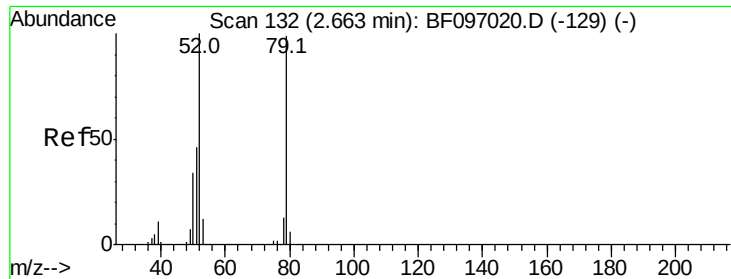
1,4-Dioxane
Concen: 50.507 ng
RT: 2.04 min Scan# 26
Delta R.T. -0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	61.4	92.0#
43	39.1	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





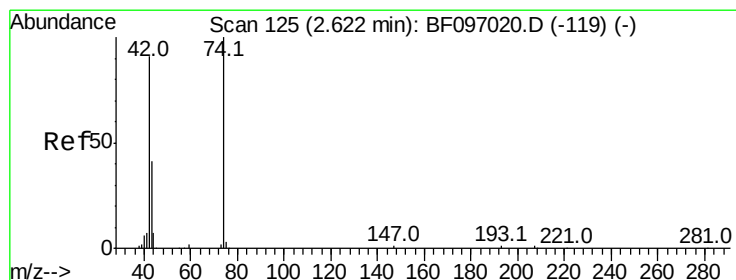
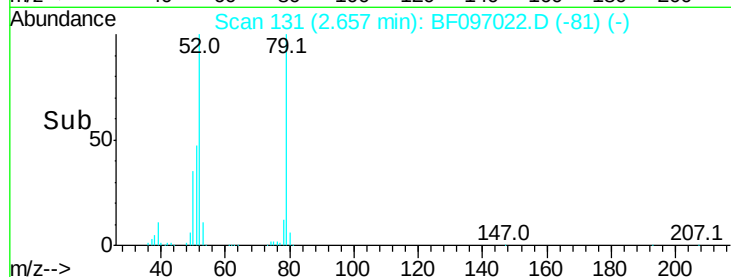
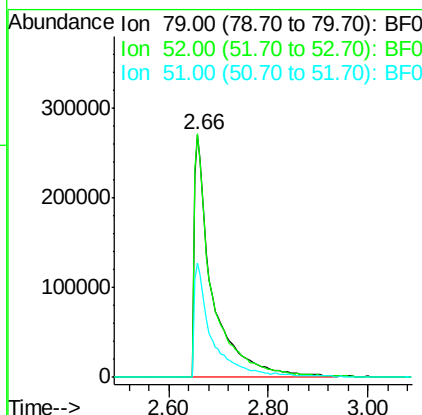
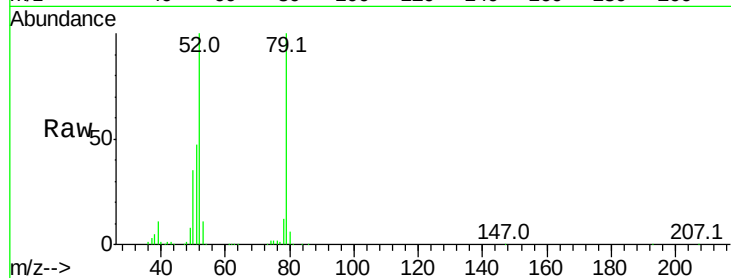
#3
 Pvrindine
 Concen: 73.510 ng
 RT: 2.66 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	100.3	54.8	82.2#	
51	47.4	27.0	40.4#	

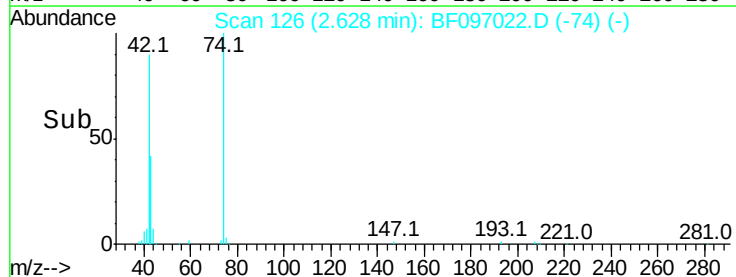
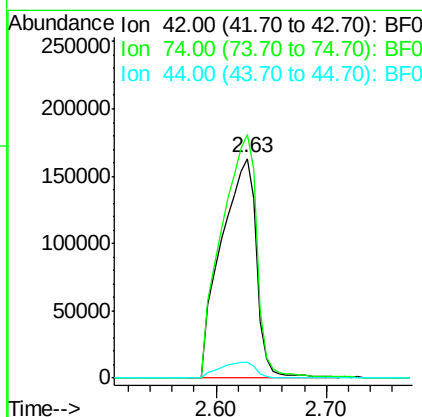
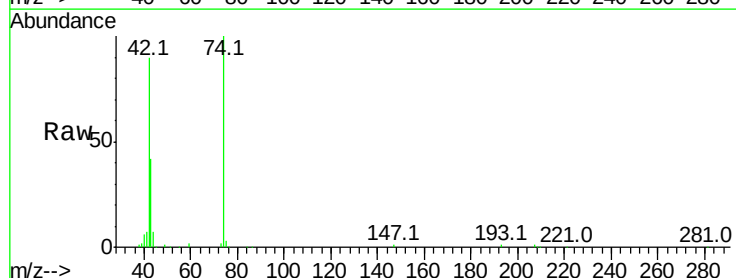
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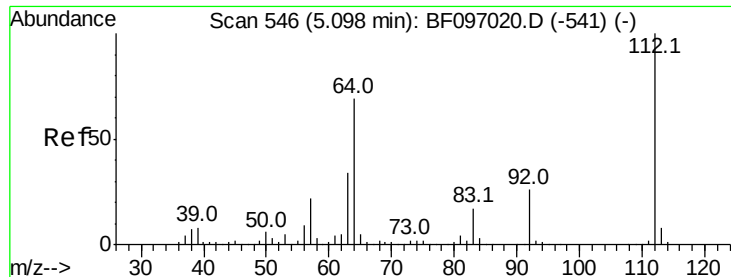
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#4
 n-Nitrosodimethylamine
 Concen: 69.203 ng
 RT: 2.63 min Scan# 126
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	111.0	103.9	155.9	
44	7.5	5.7	8.5	





#5

2-Fluorophenol

Concen: 109.560 ng

RT: 5.10 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

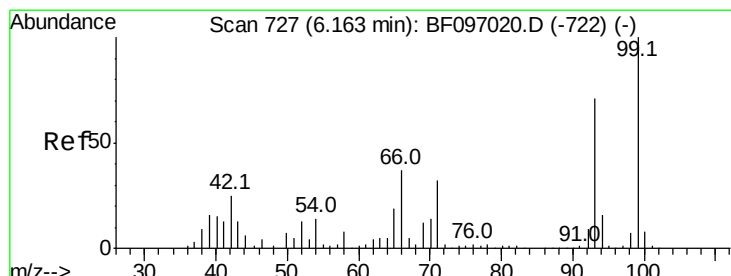
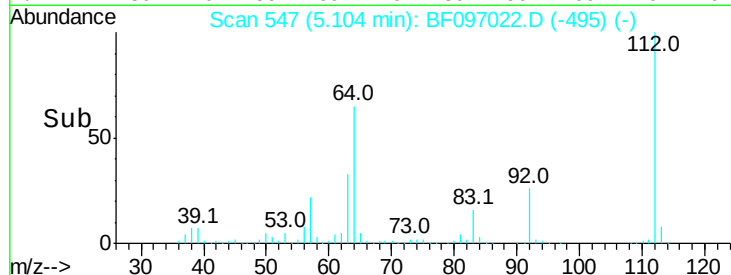
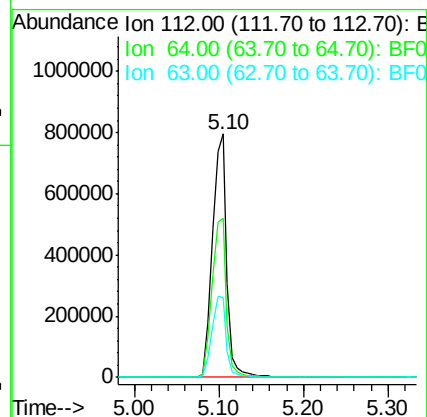
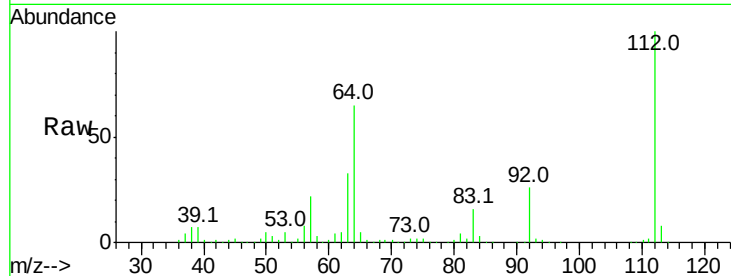
ClientSampleId :

SSTDICC060

Tot Ion:	112	Resp:	947597
Ion Ratio	Lower	Upper	
112	100		
64	65.1	46.0	69.0
63	33.0	23.4	35.0

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#6

Aniline

Concen: 52.009 ng

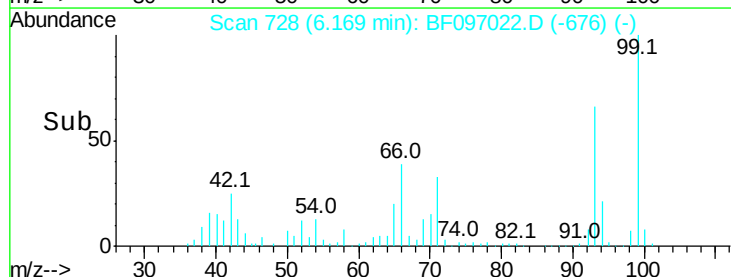
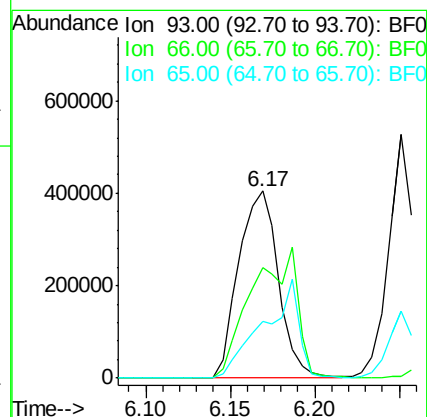
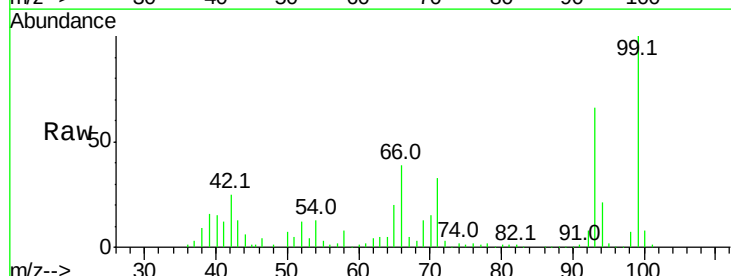
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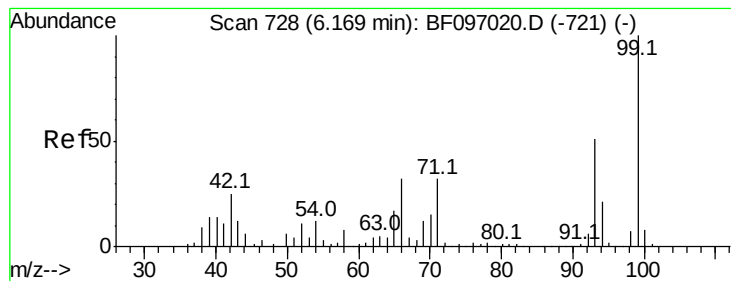
Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:	93	Resp:	664934
Ion Ratio	Lower	Upper	
93	100		
66	58.7	32.9	49.3#
65	30.2	16.0	24.0#





#7

Phenol-d6

Concen: 99.961 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1037518

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

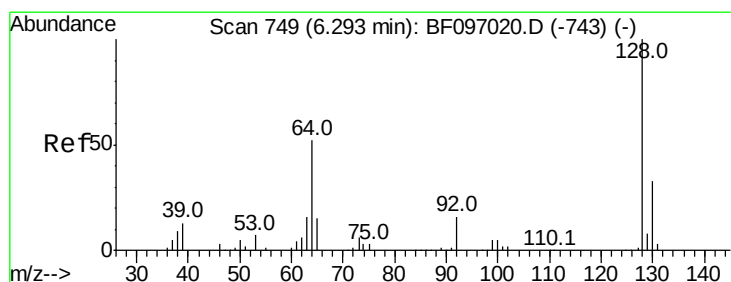
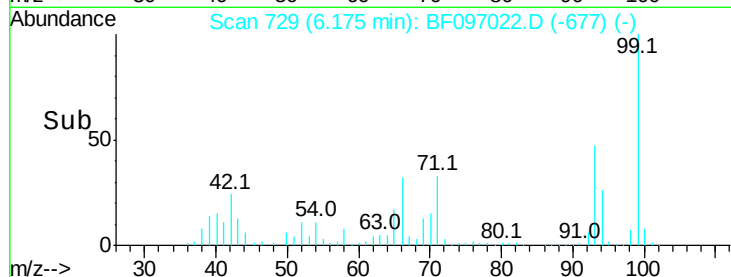
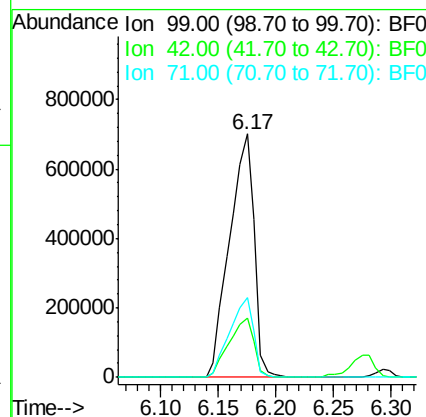
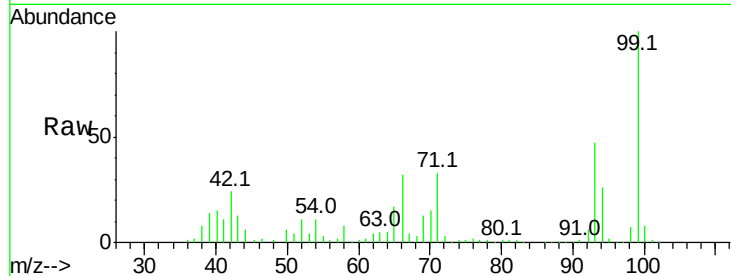
71 33.0 24.5 36.7

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#8

2-Chlorophenol

Concen: 54.004 ng

RT: 6.29 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

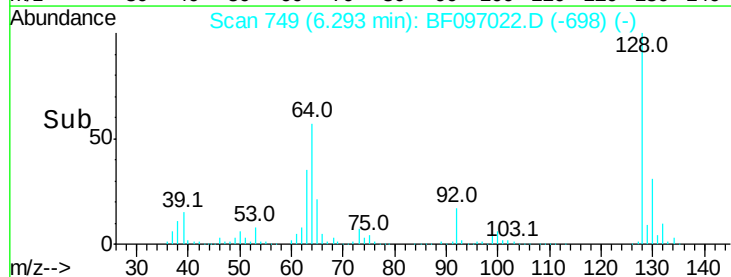
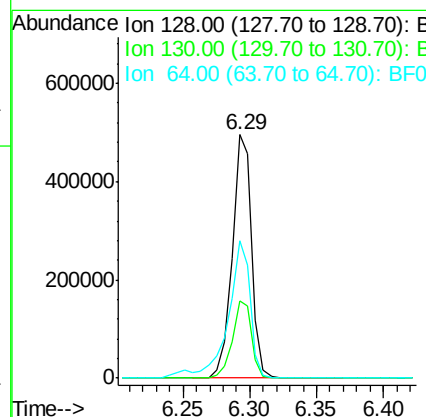
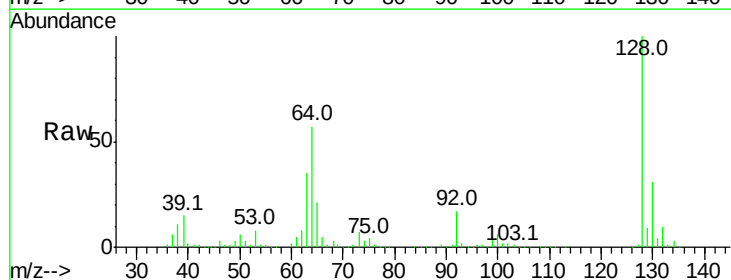
Tgt Ion: 128 Resp: 503901

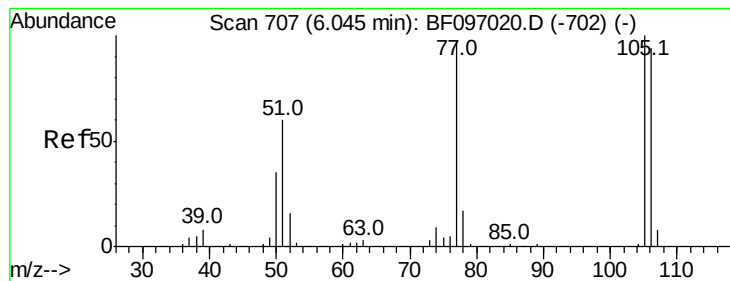
Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

64 56.5 28.4 68.4





#9

Benzaldehyde

Concen: 45.740 ng

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

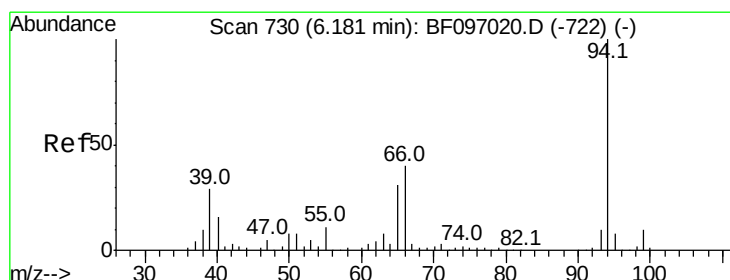
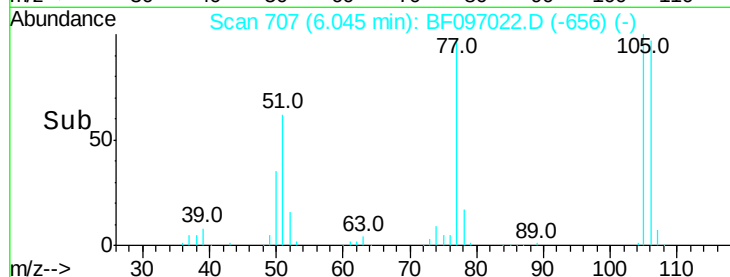
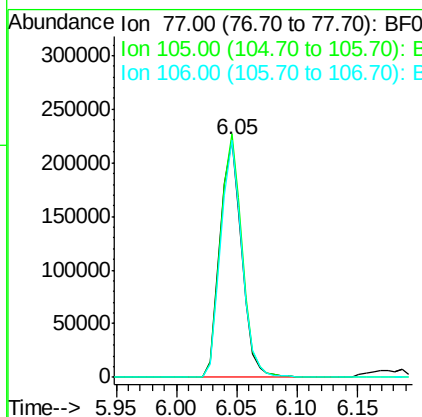
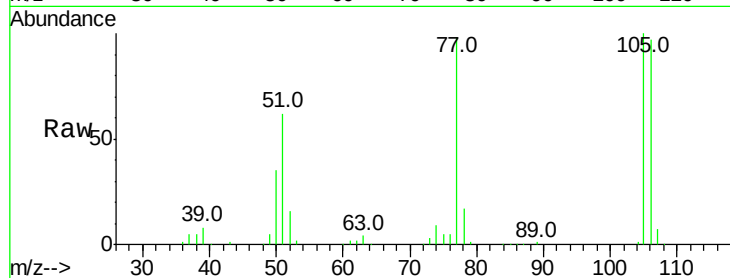
ClientSampleId :

SSTDICC060

Tot Ion:	77	Resp:	274397
Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.8	123.8
106	99.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 53.894 ng

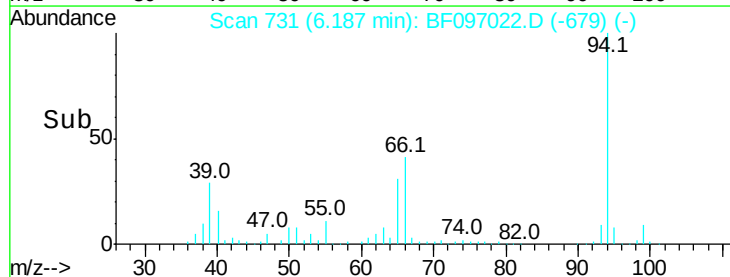
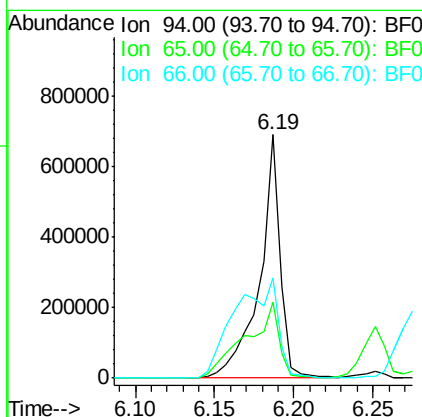
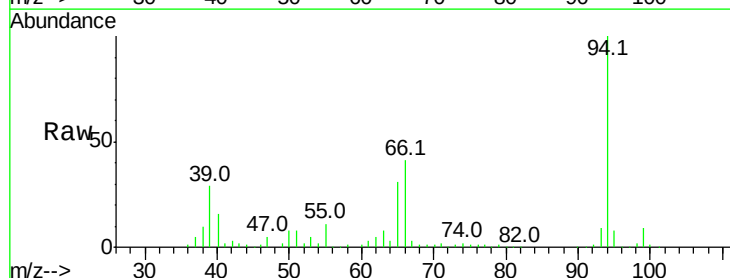
RT: 6.19 min Scan# 731

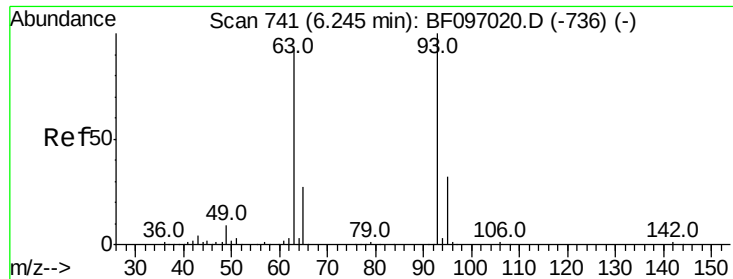
Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:	94	Resp:	632355
Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.9	49.9
66	41.1	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 58.936 ng

RT: 6.25 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

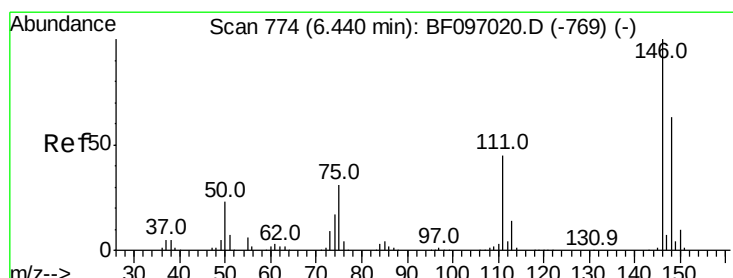
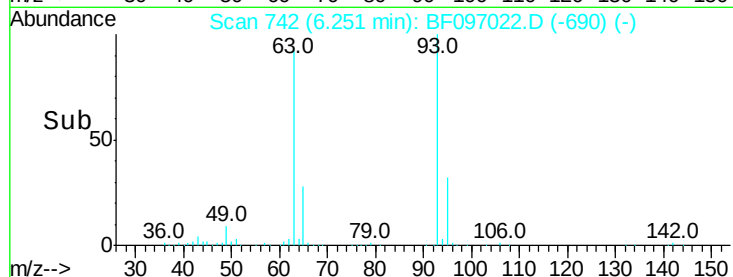
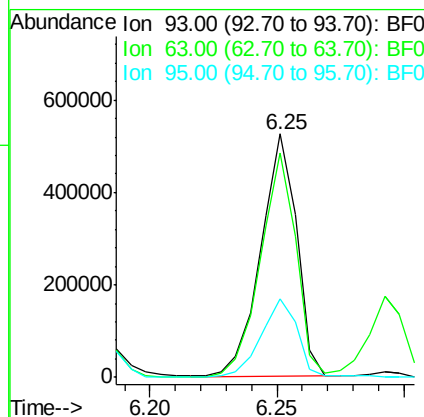
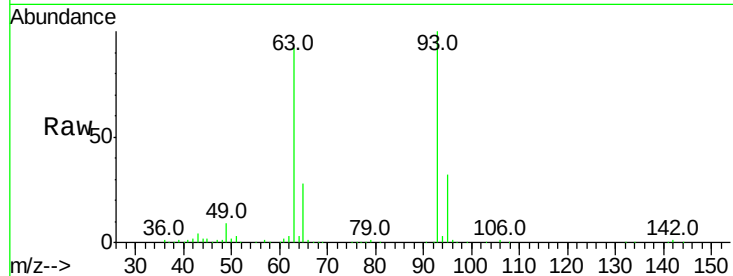
ClientSampleId :

SSTDIC060

Tot Ion:	93	Resp:	520012
Ion Ratio	Lower	Upper	
93	100		
63	92.1	59.2	99.2
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 55.739 ng

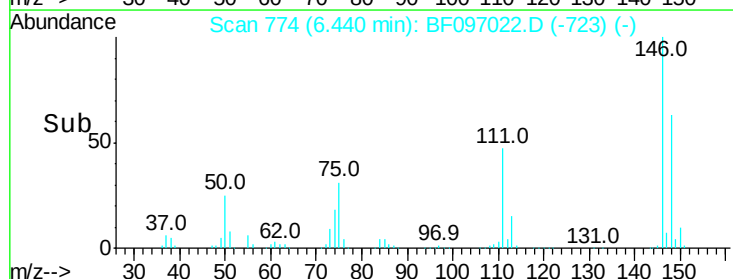
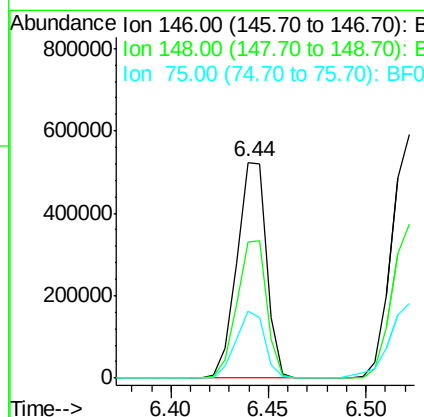
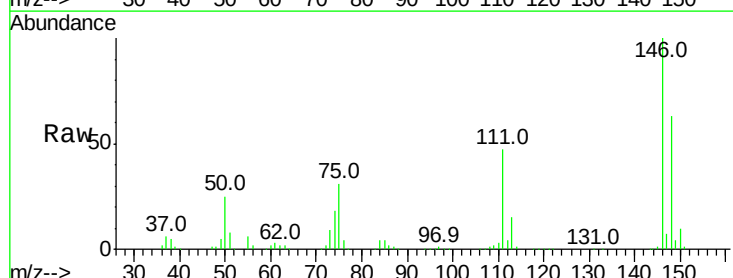
RT: 6.44 min Scan# 774

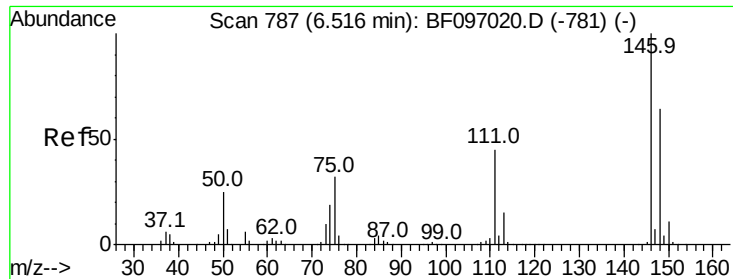
Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:	146	Resp:	552834
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.6
75	31.0	23.1	34.7





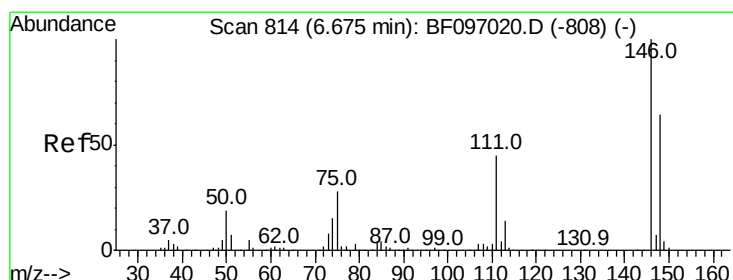
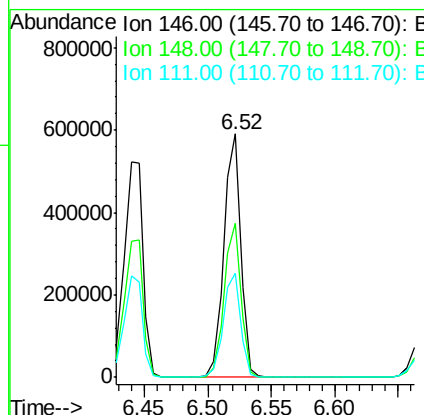
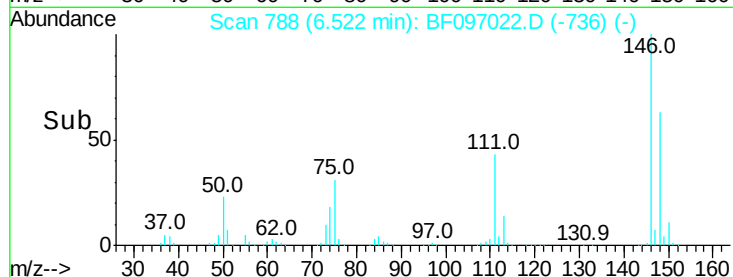
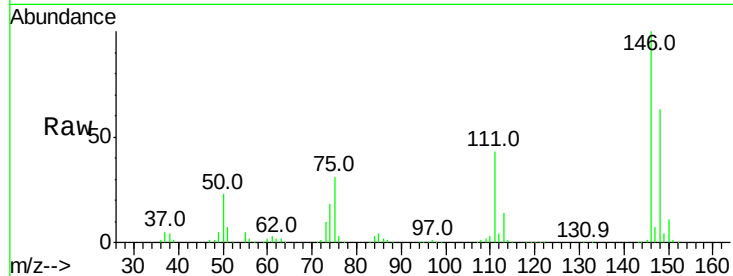
#13
 1,4-Dichlorobenzene
 Concen: 54.940 ng
 RT: 6.52 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	42.9	30.3	45.5

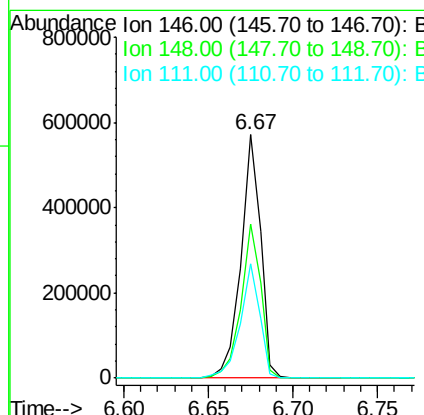
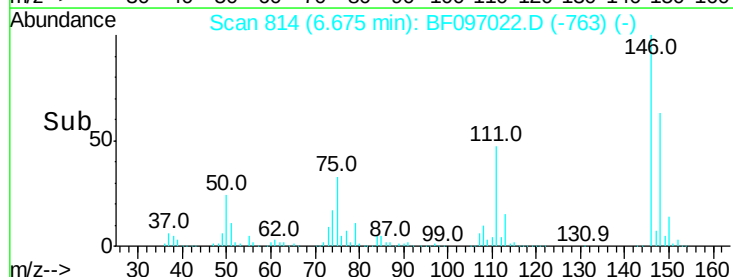
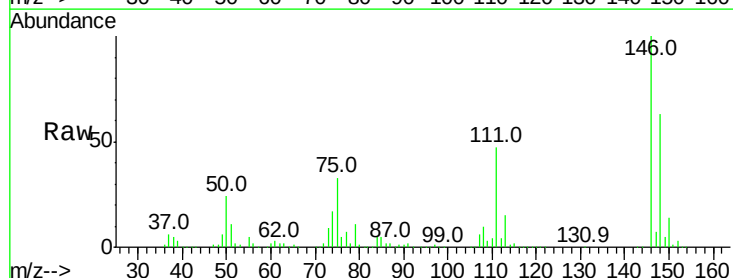
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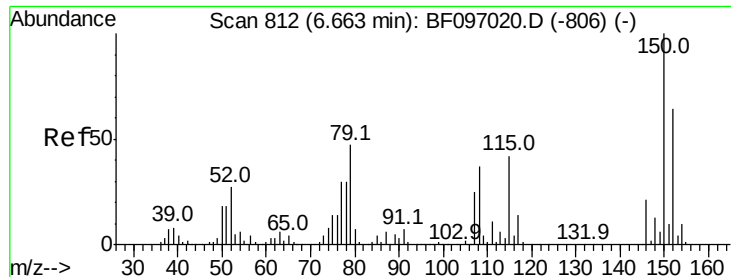
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#14
 1,2-Dichlorobenzene
 Concen: 50.447 ng
 RT: 6.67 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	47.2	38.2	57.4





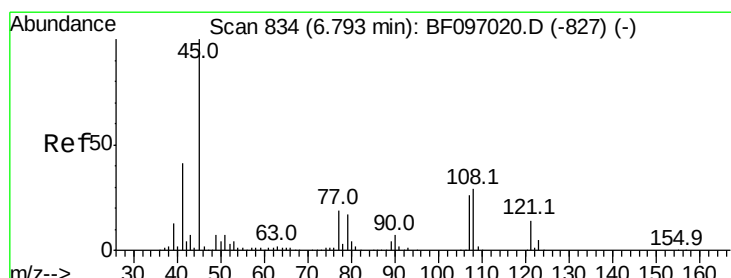
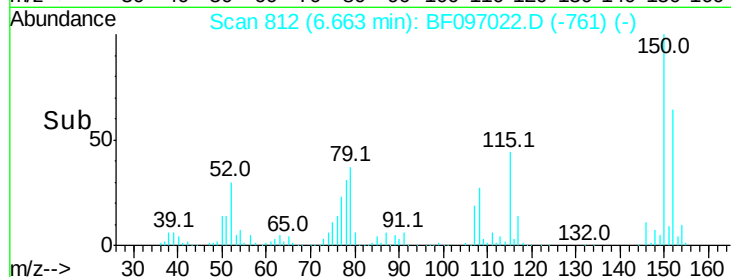
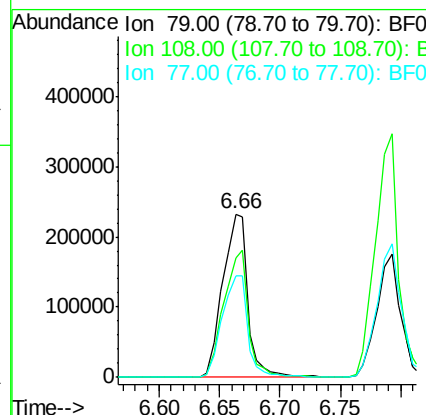
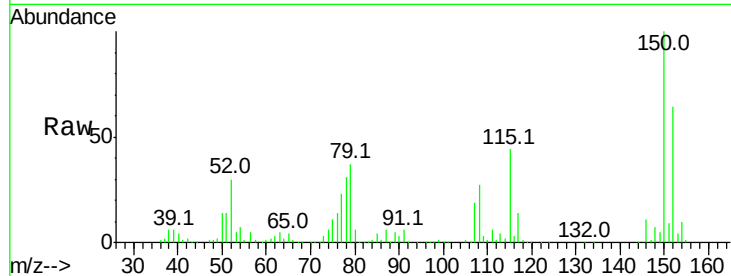
#15
Benzyl Alcohol
Concen: 49.034 ng
RT: 6.66 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	63.4	95.0
77	62.4	49.2	73.8

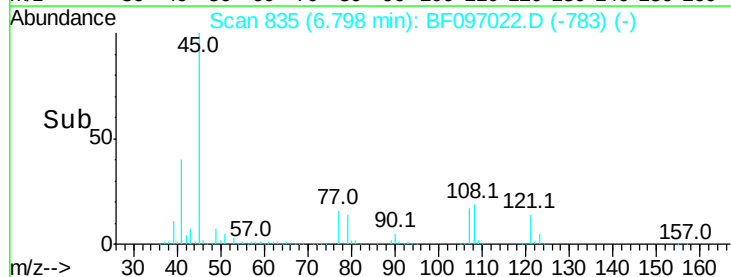
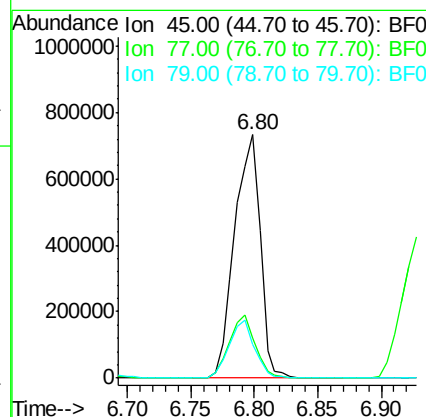
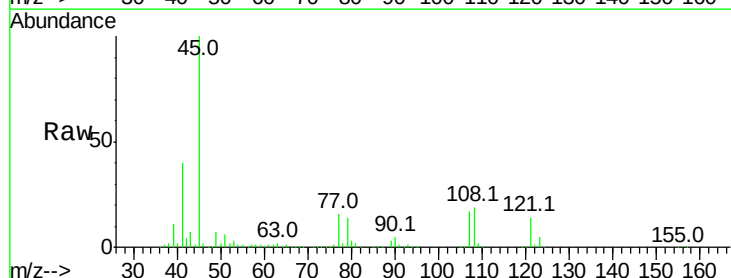
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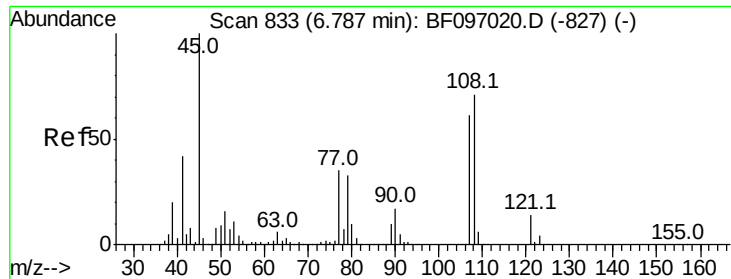
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#16
2,2'-oxybis(1-chloropropane)
Concen: 56.062 ng
RT: 6.80 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	33.2
79	13.9	0.0	30.0





#17

2-Methylphenol

Concen: 54.897 ng

RT: 6.79 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampled :

SSTDIC060

Tot Ion:107 Resp: 398322

Ion Ratio Lower Upper

107 100

108 114.0 93.4 140.0

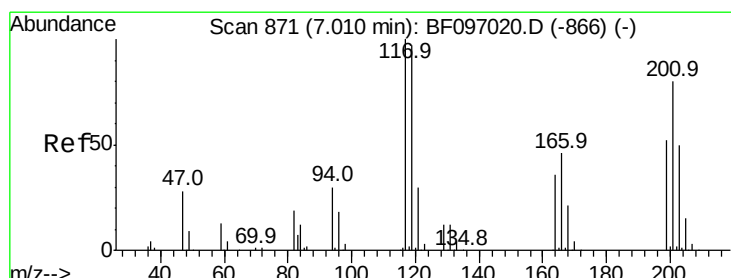
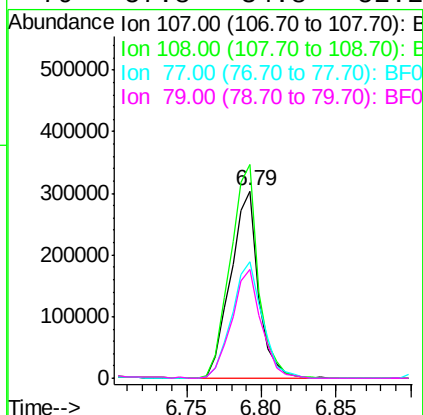
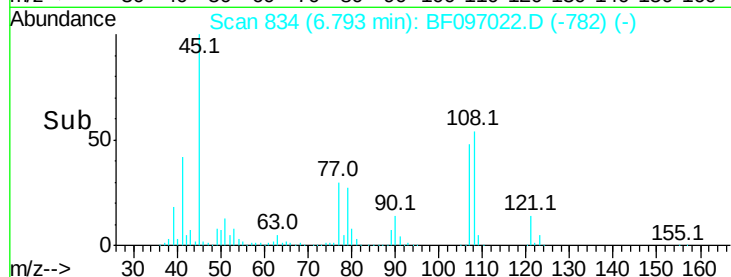
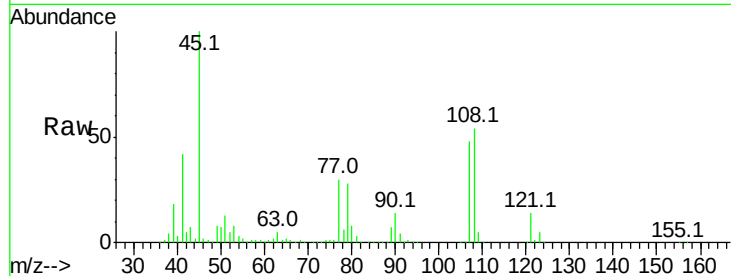
77 62.4 35.8 53.6#

79 57.8 34.8 52.2#

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#18

Hexachloroethane

Concen: 58.372 ng

RT: 7.01 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

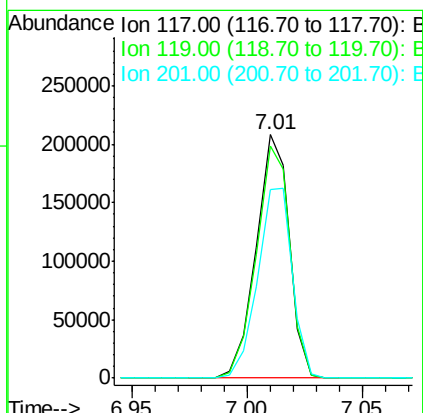
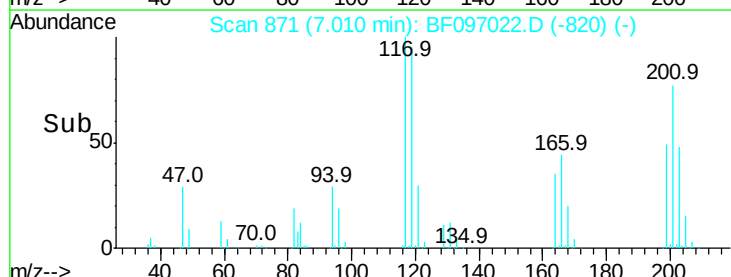
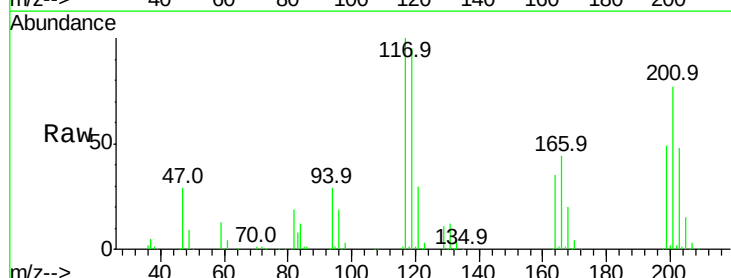
Tgt Ion:117 Resp: 207899

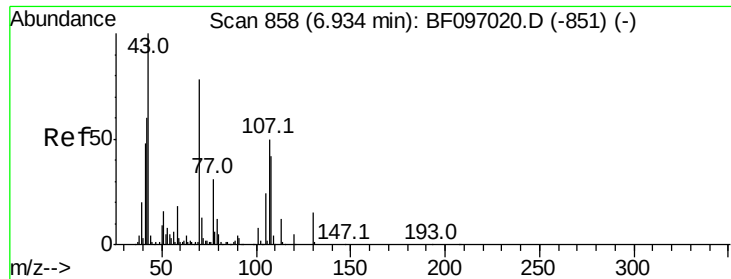
Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.0

201 77.3 94.6 141.8#





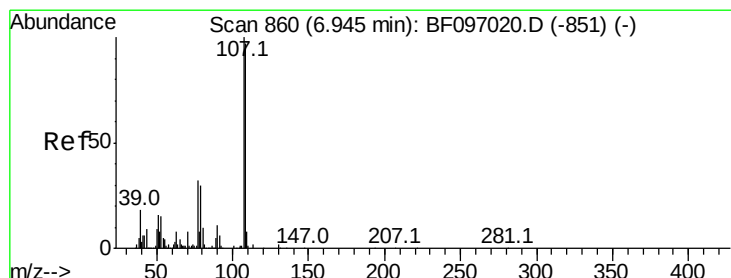
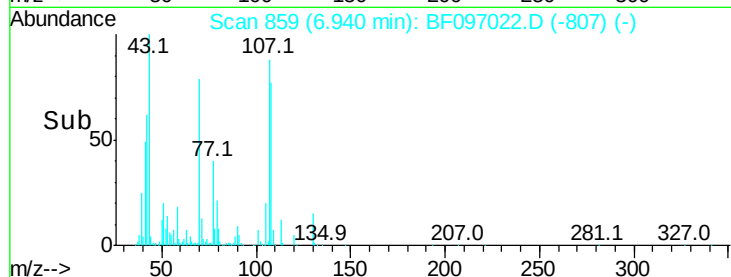
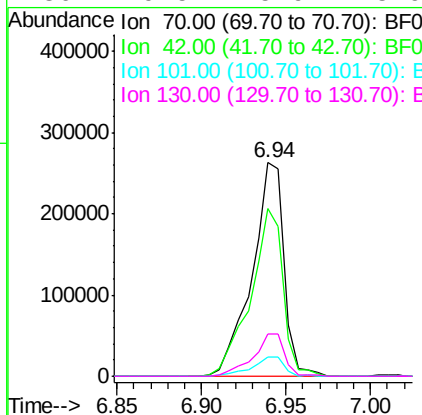
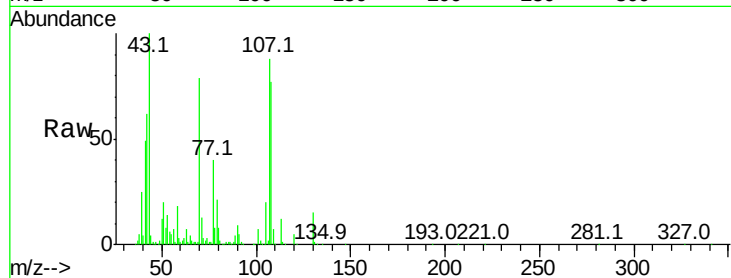
#19
n-Nitroso-di-n-propylamine
Concen: 55.650 ng
RT: 6.94 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.8	47.2	70.8#
101	8.8	7.2	10.8
130	19.5	15.9	23.9

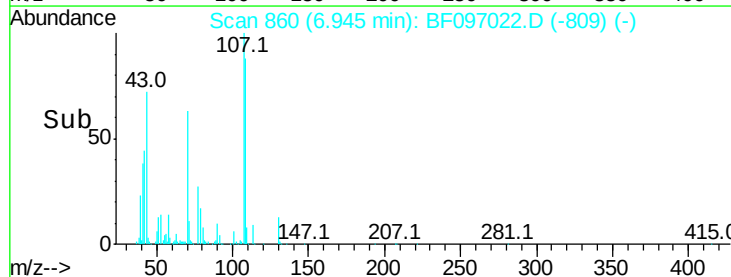
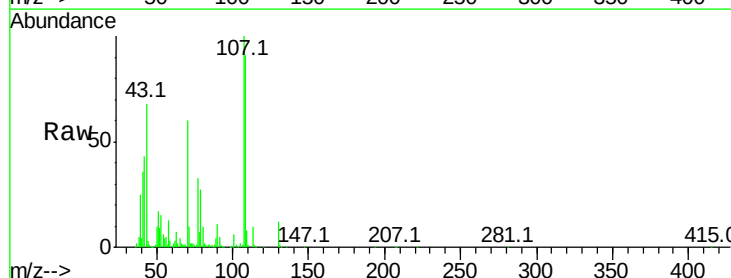
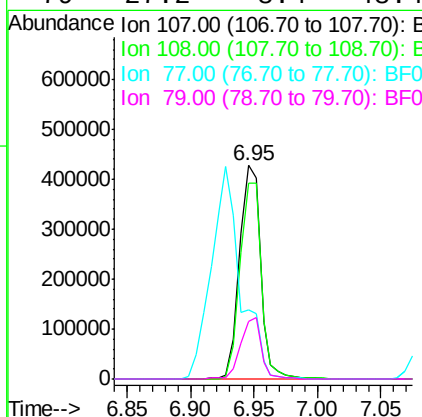
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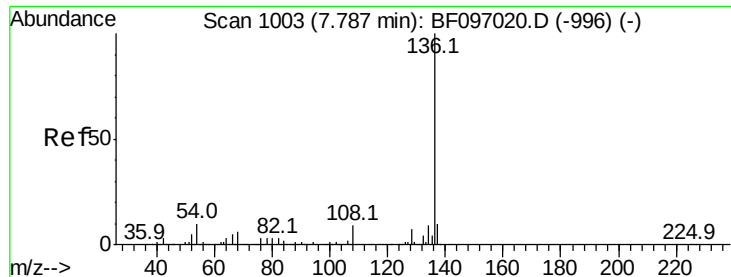
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#20
3+4-Methylphenols
Concen: 55.963 ng
RT: 6.95 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	32.6	90.5	130.5#
79	27.2	8.4	48.4





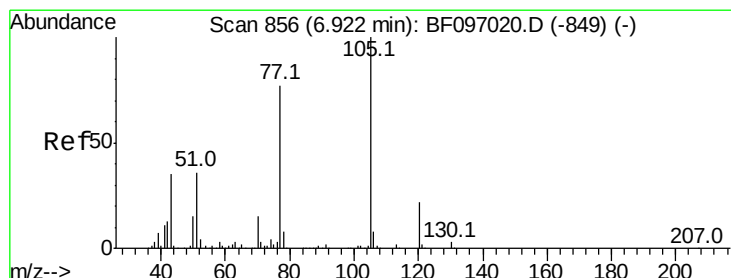
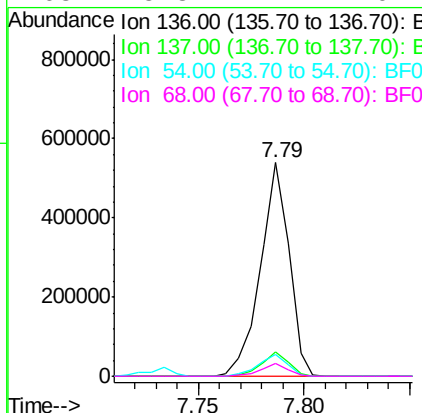
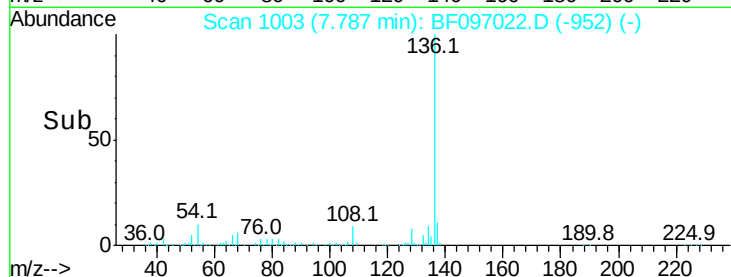
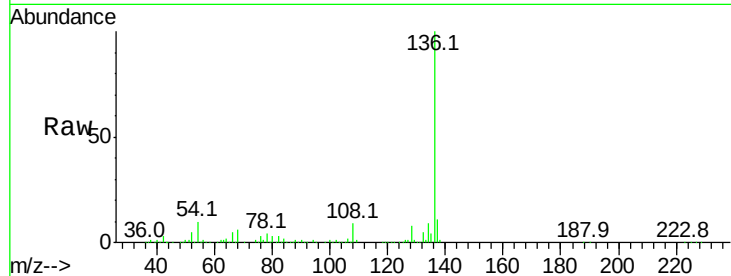
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.79 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	512544		
137	11.2	8.5	12.7	
54	10.4	4.9	7.3#	
68	5.8	4.1	6.1	

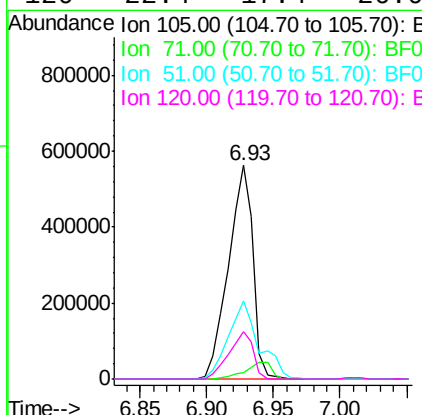
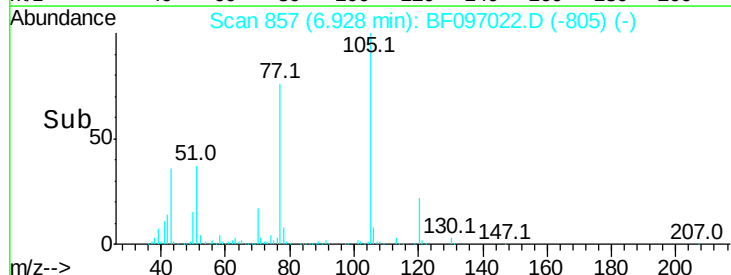
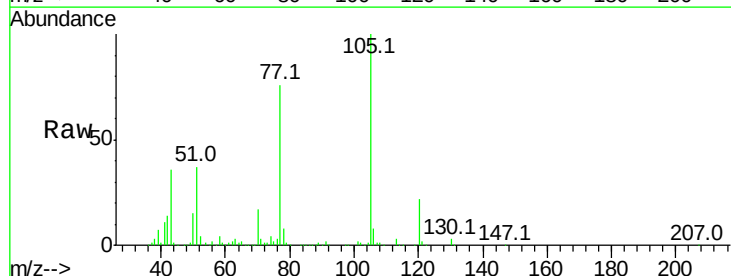
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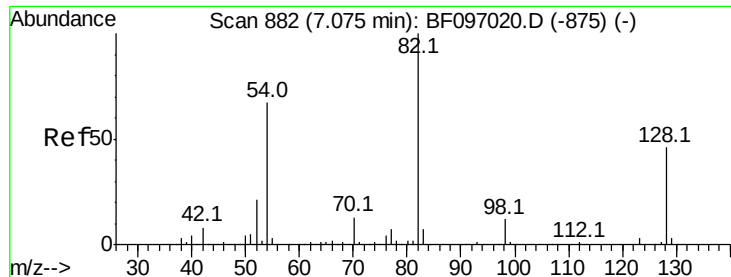
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#22
Acetophenone
Concen: 63.310 ng
RT: 6.93 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	725250		
71	2.9	2.8	4.2	
51	36.7	30.7	46.1	
120	22.4	17.4	26.0	





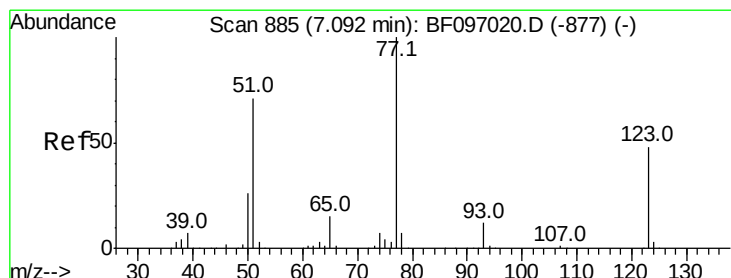
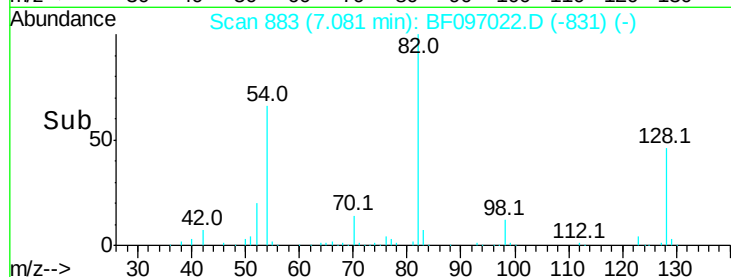
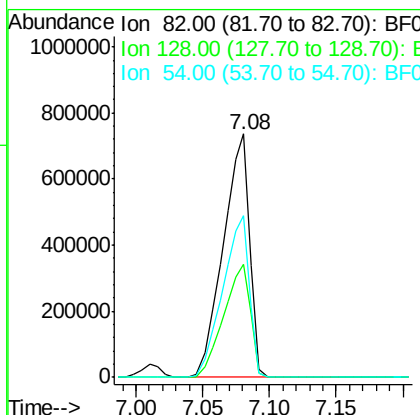
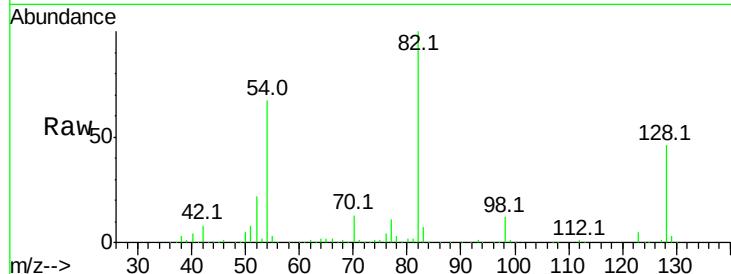
#23
 Nitrobenzene-d5
 Concen: 123.643 ng
 RT: 7.08 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC060

Tot Ion: 82 Resp: 1023117
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 66.6 42.2 63.2#

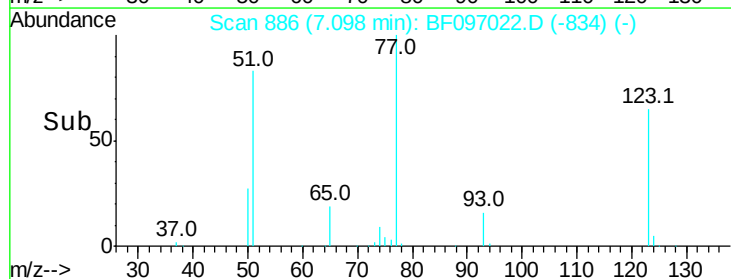
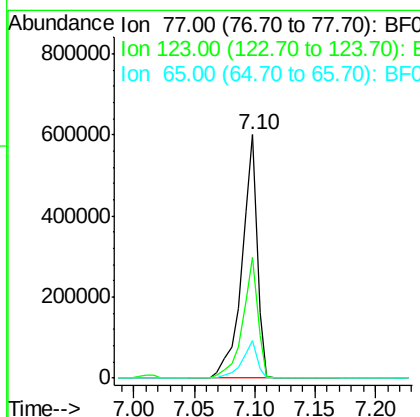
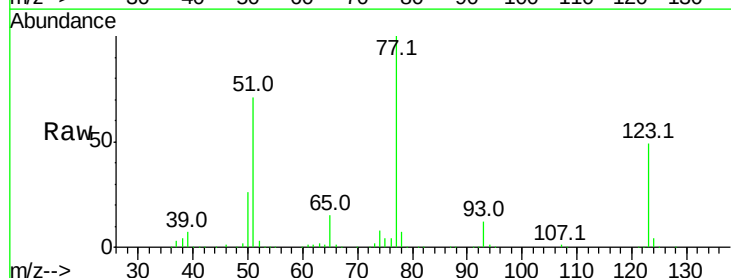
Manual Integrations
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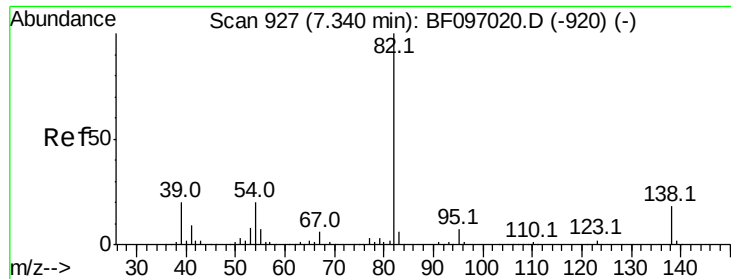
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#24
 Nitrobenzene
 Concen: 61.862 ng
 RT: 7.10 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion: 77 Resp: 529417
 Ion Ratio Lower Upper
 77 100
 123 49.5 35.8 53.8
 65 15.2 10.6 15.8





#25

Isophorone

Concen: 66.547 ng

RT: 7.35 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1024381

Ion Ratio Lower Upper

82 100

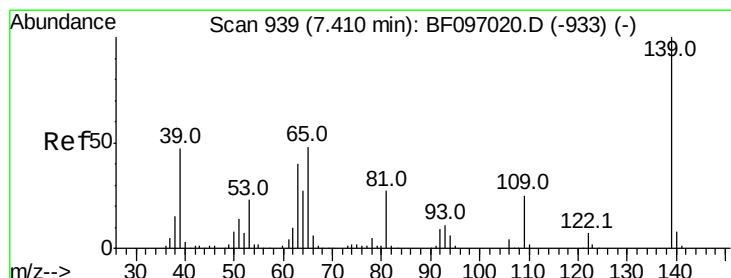
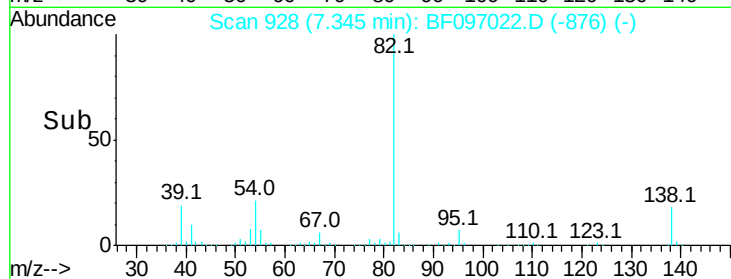
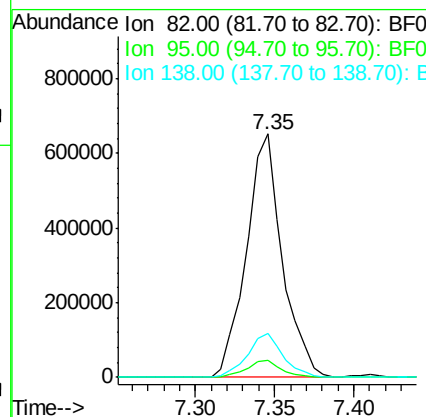
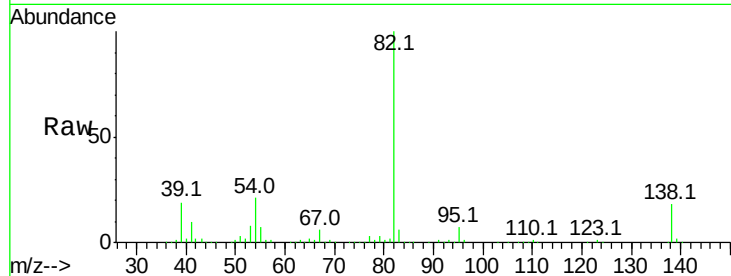
95 6.9 5.3 7.9

138 18.0 13.1 19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 63.402 ng

RT: 7.41 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

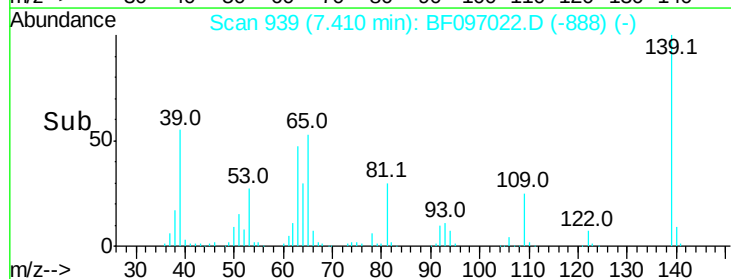
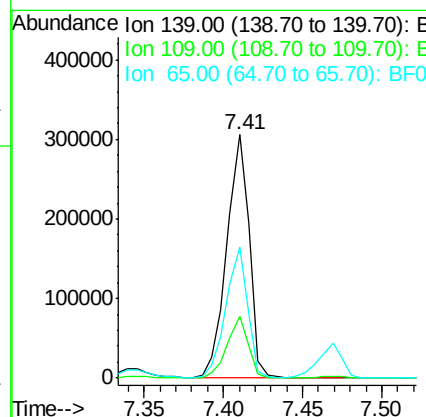
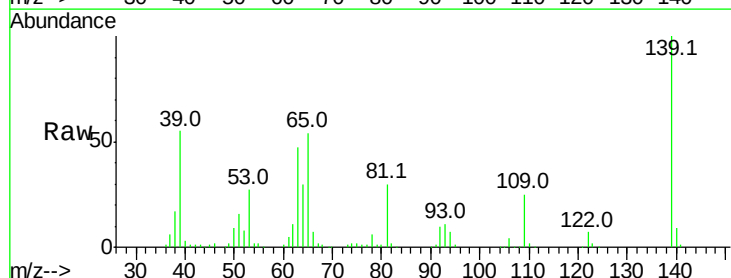
Tgt Ion: 139 Resp: 301702

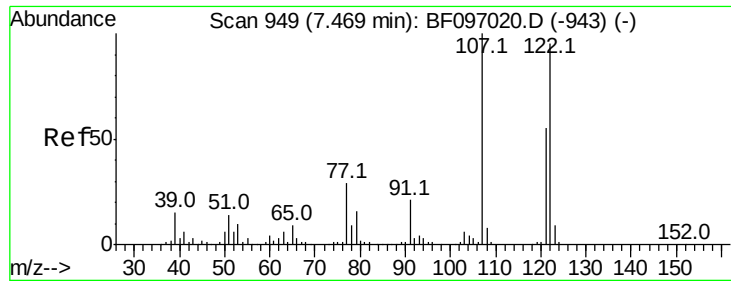
Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.6

65 53.6 33.0 49.6#





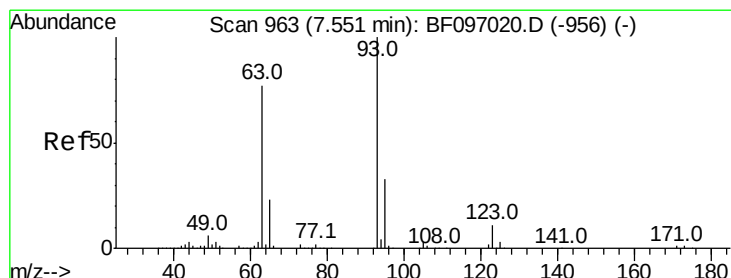
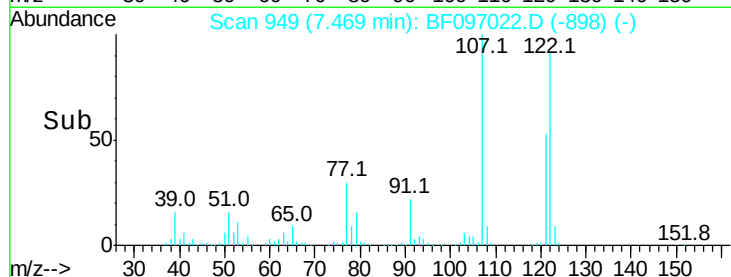
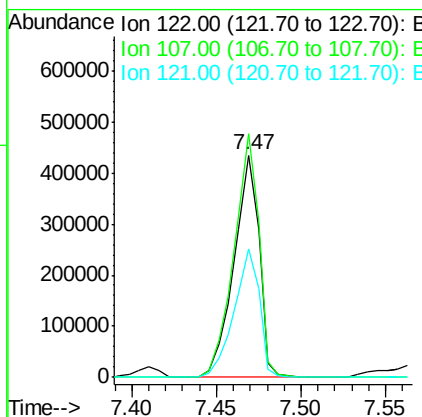
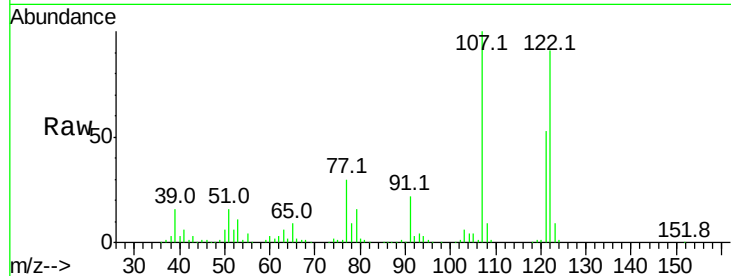
#27
 2,4-Dimethylphenol
 Concen: 57.803 ng
 RT: 7.47 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	89.2	133.8
121	58.1	45.2	67.8

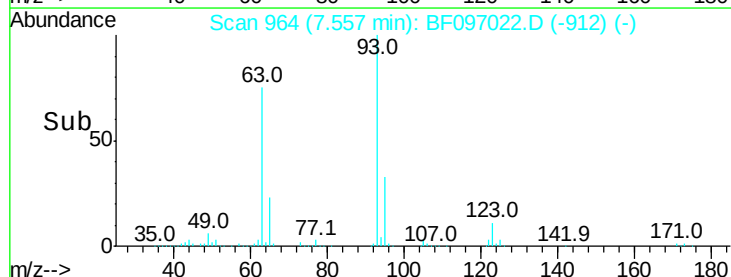
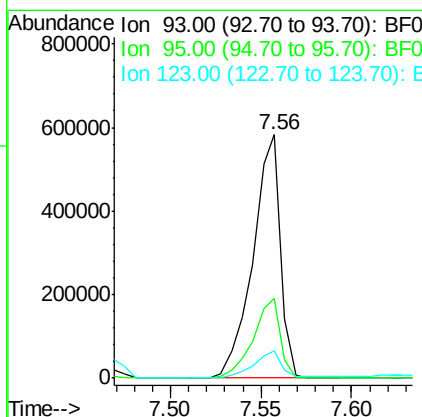
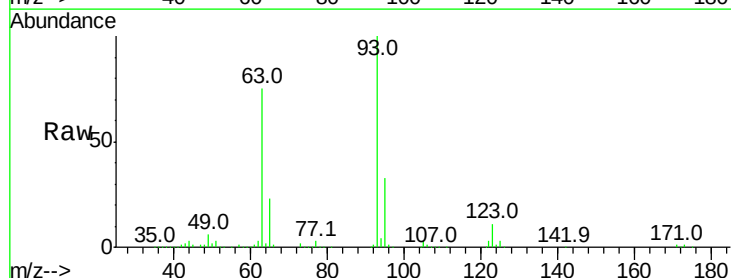
Manual Integrations
 APPROVED

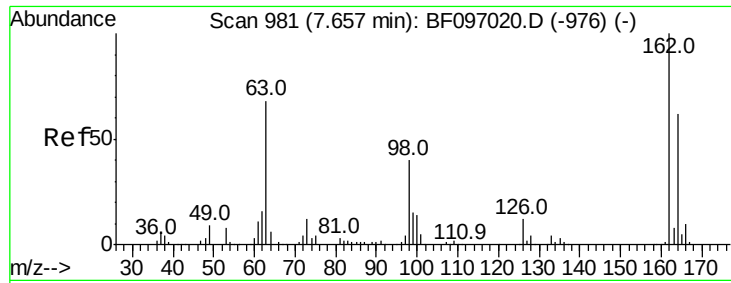
Sohil
 7/26/2017 5:54:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.976 ng
 RT: 7.56 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.1	9.0	13.4





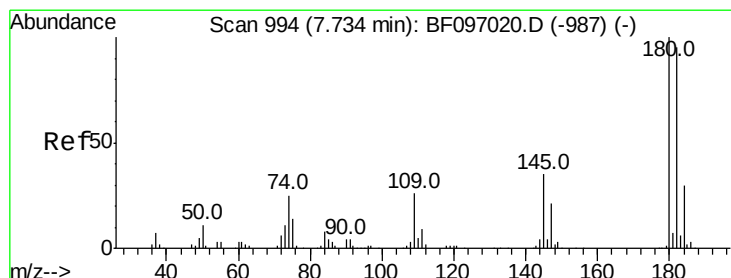
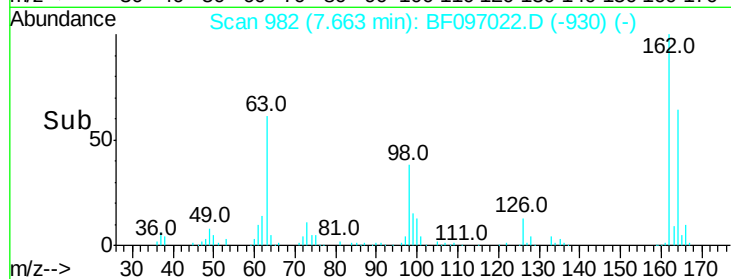
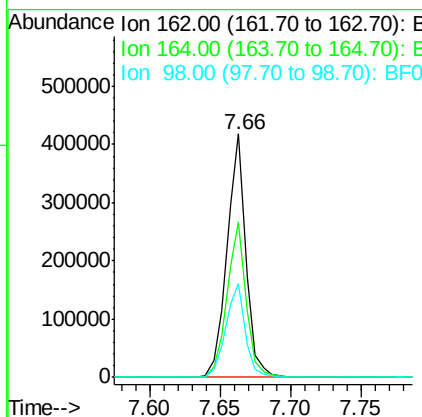
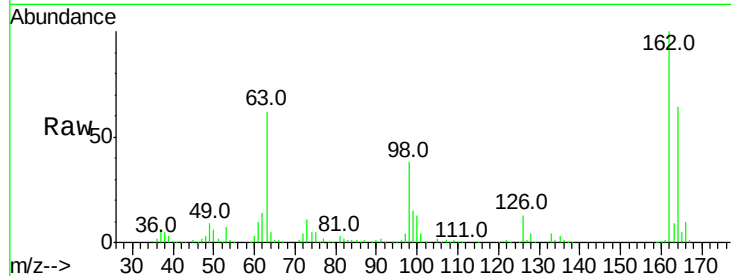
#29
 2,4-Dichlorophenol
 Concen: 55.011 ng
 RT: 7.66 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.7	44.6	84.6
98	38.5	14.8	54.8

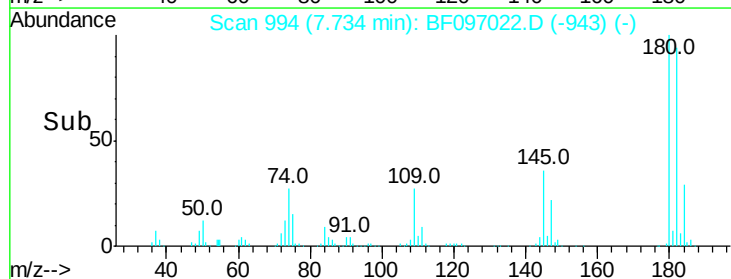
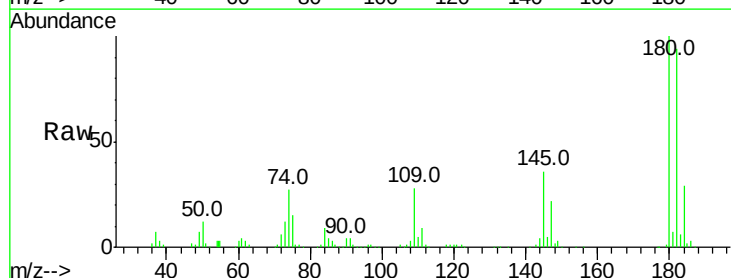
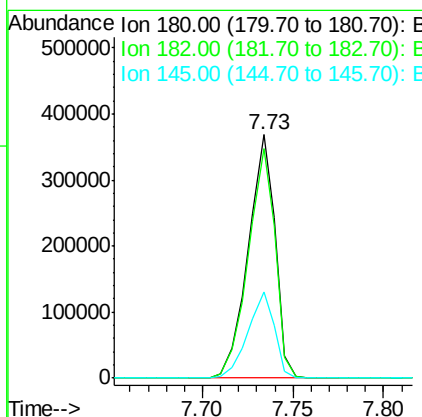
Manual Integrations
 APPROVED

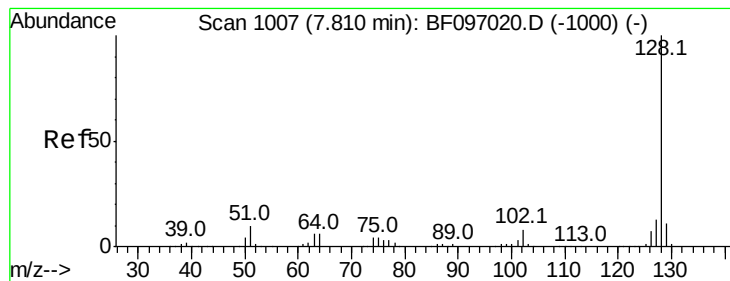
Sohil
 7/26/2017 5:54:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 56.217 ng
 RT: 7.73 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	75.8	113.6
145	35.5	25.3	37.9





#31

Naphthalene

Concen: 55.364 ng

RT: 7.81 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 1344257

Ion Ratio Lower Upper

128 100

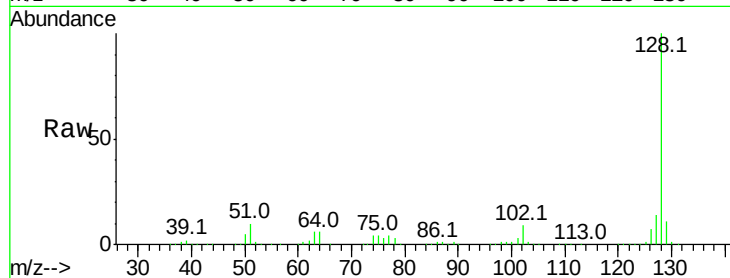
129 10.9 9.0 13.6

127 13.7 10.8 16.2

Manual Integrations
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Sohil

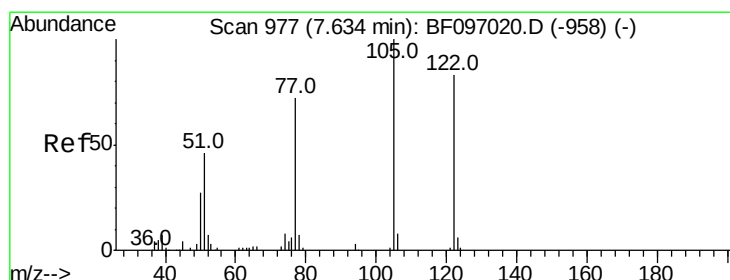
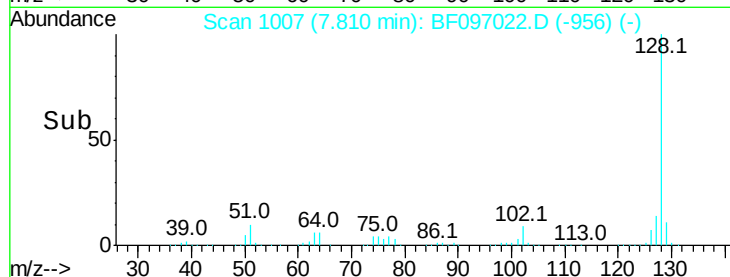
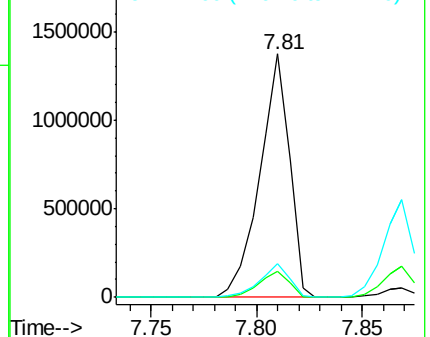
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 74.806 ng

RT: 7.65 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

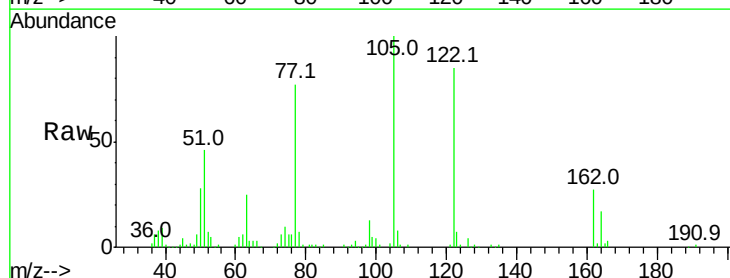
Tgt Ion:122 Resp: 374296

Ion Ratio Lower Upper

122 100

105 118.2 103.3 143.3

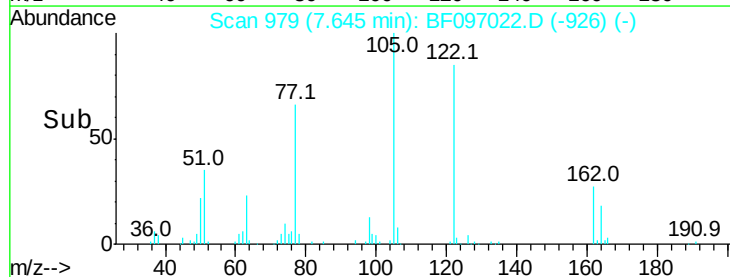
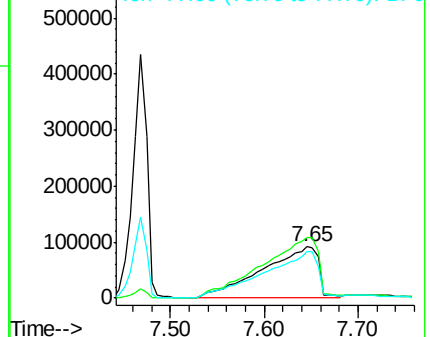
77 90.5 73.7 113.7

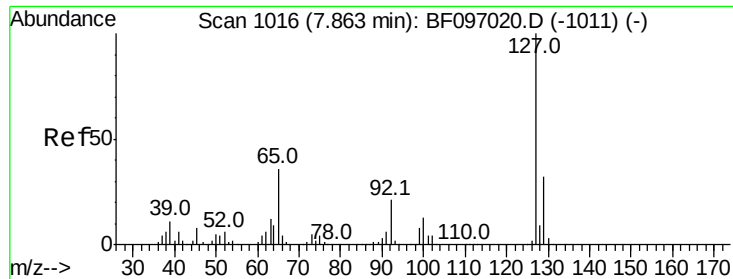


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





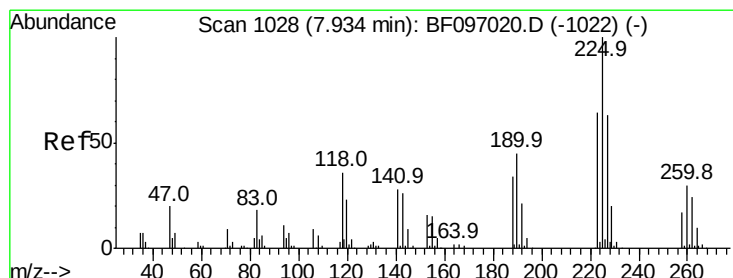
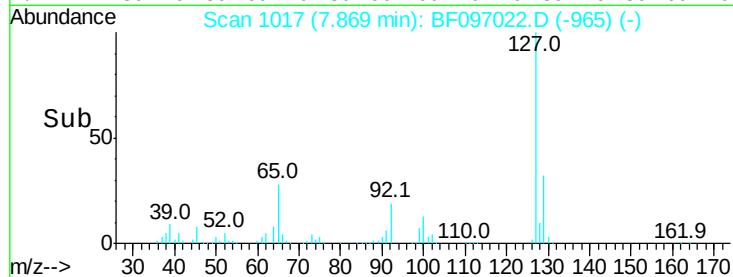
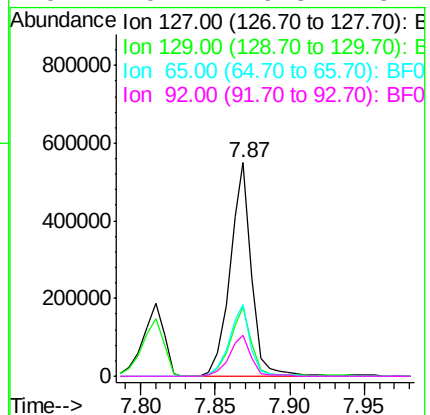
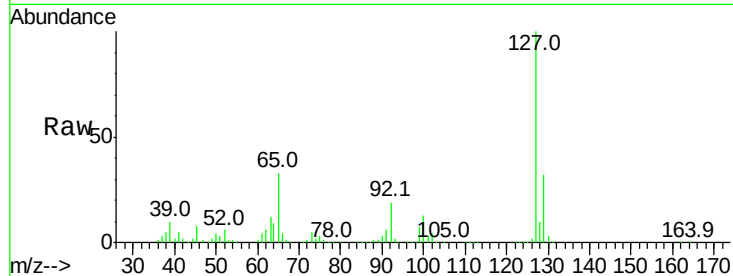
#33
4-Chloroaniline
Concen: 57.404 ng
RT: 7.87 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	33.4	27.8	41.8		
92	19.4	16.8	25.2		

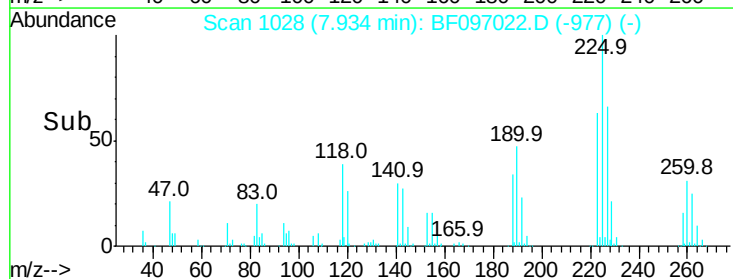
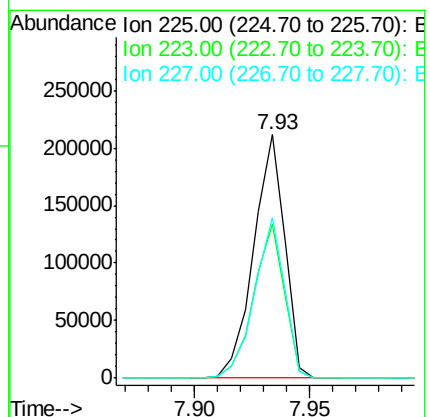
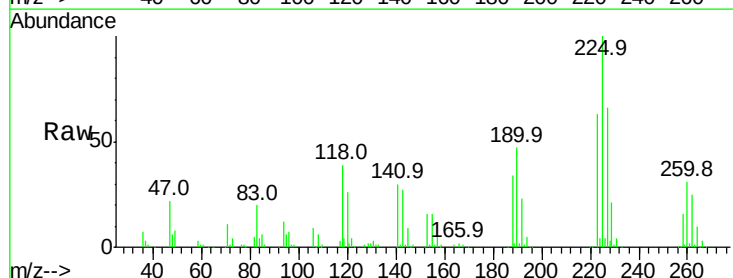
Manual Integrations
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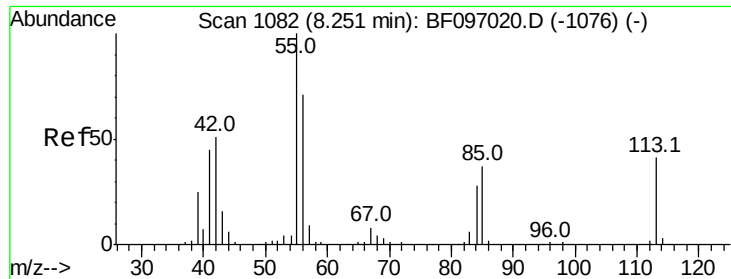
Sohil
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#34
Hexachlorobutadiene
Concen: 55.251 ng
RT: 7.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	48.8	73.2		
227	66.0	51.1	76.7		





#35

Caprolactam

Concen: 57.421 ng/ml

RT: 8.27 min Scan# 1085

Delta R.T. 0.02 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:113 Resp: 130378

Ion Ratio Lower Upper

113 100

55 236.5 150.2 190.2#

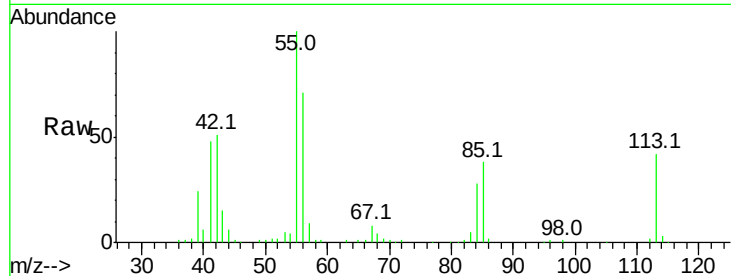
56 168.7 107.8 147.8#

Manual Integrations

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Sohil

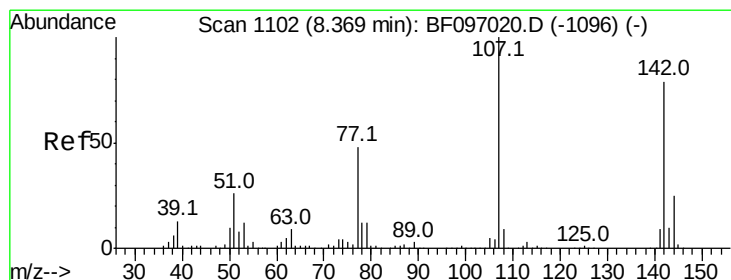
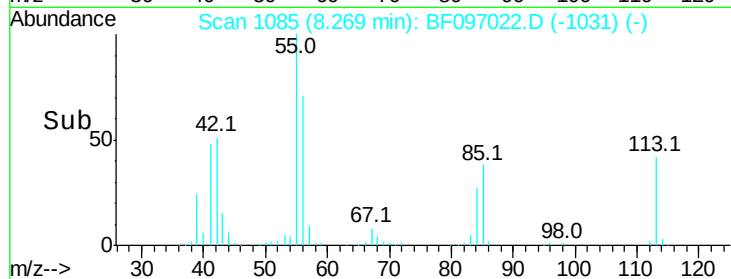
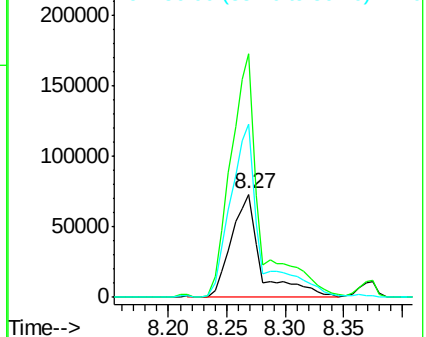
7/26/2017 5:54:15 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 55.883 ng/ml

RT: 8.37 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

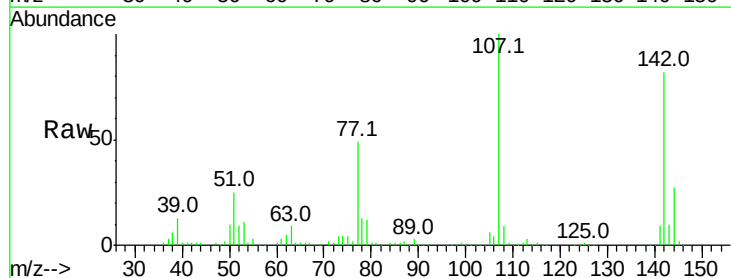
Tgt Ion:107 Resp: 425800

Ion Ratio Lower Upper

107 100

144 26.5 24.2 36.4

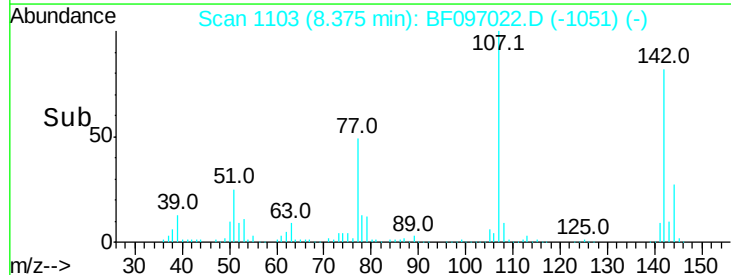
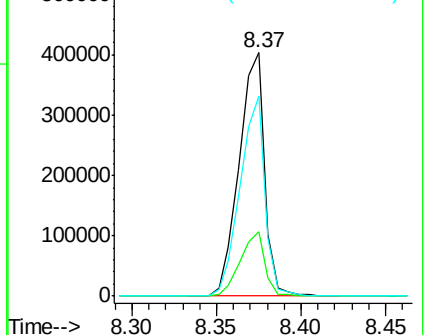
142 82.1 73.4 110.0

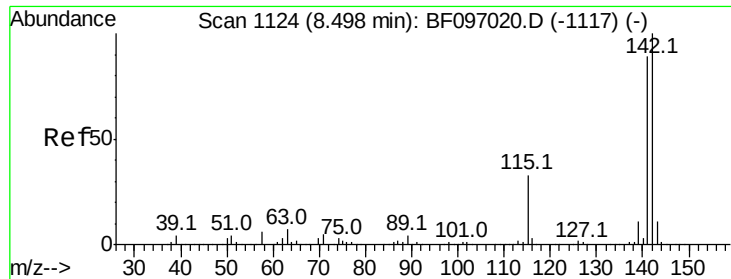


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





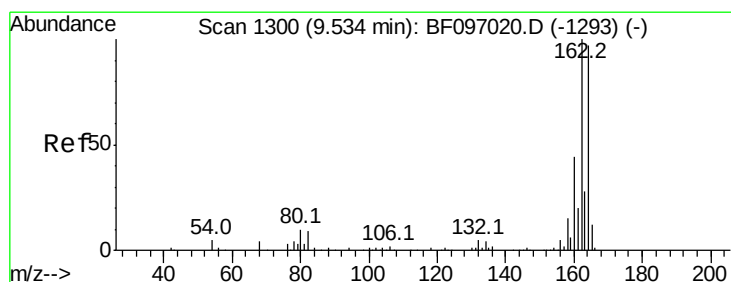
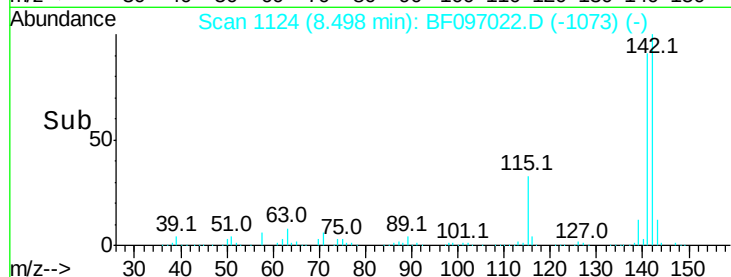
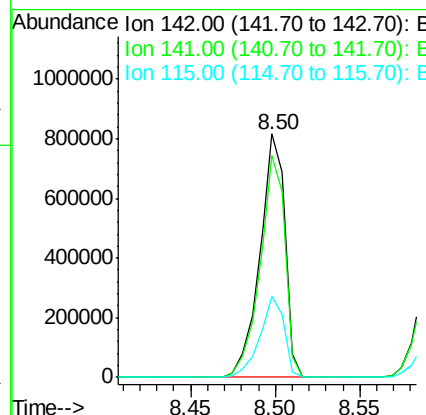
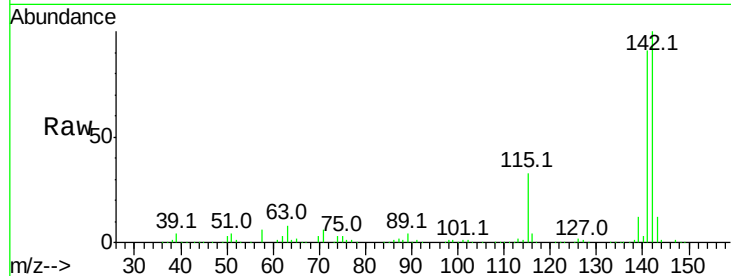
#37
2-Methylnaphthalene
Concen: 54.436 ng
RT: 8.50 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.3	106.9
115	33.4	27.1	40.7

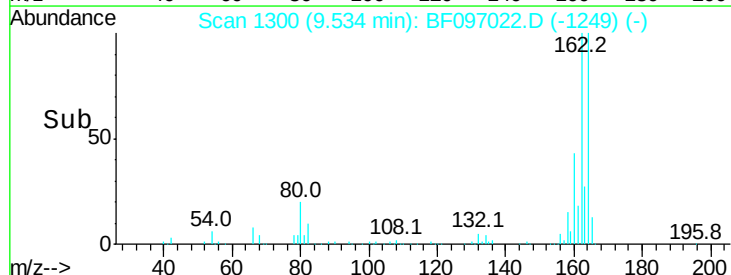
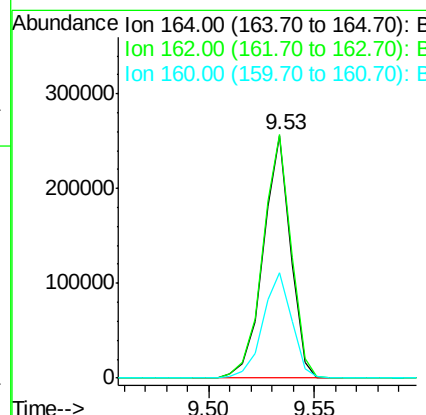
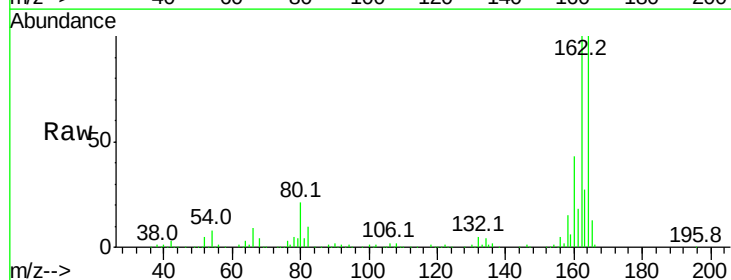
Manual Integrations
APPROVED

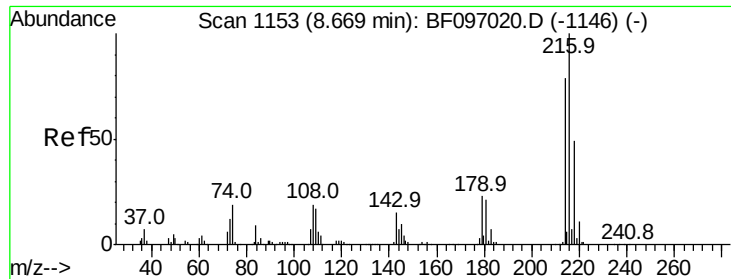
Sohil
7/26/2017 5:54:15 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	43.6	36.2	54.2





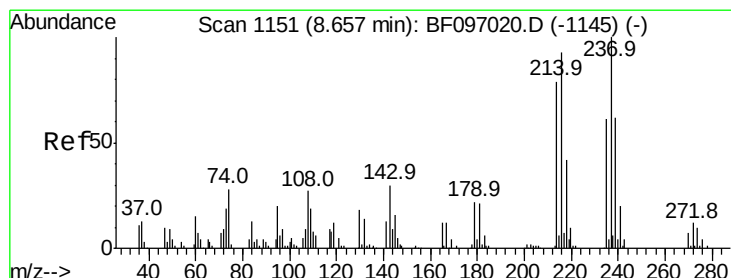
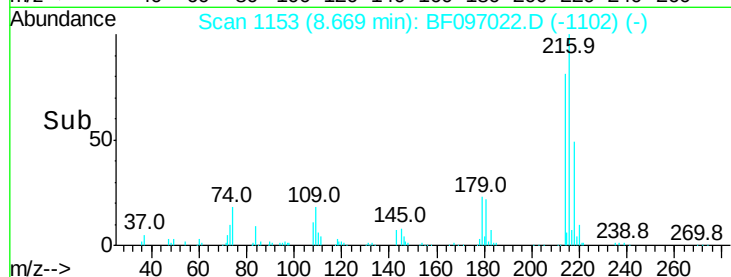
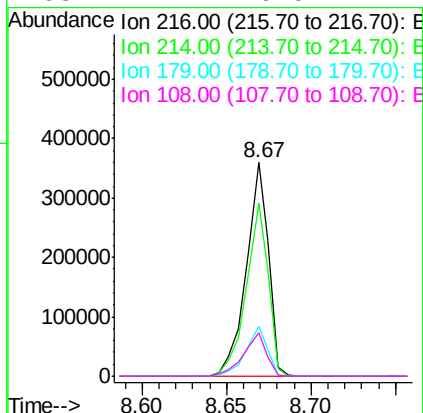
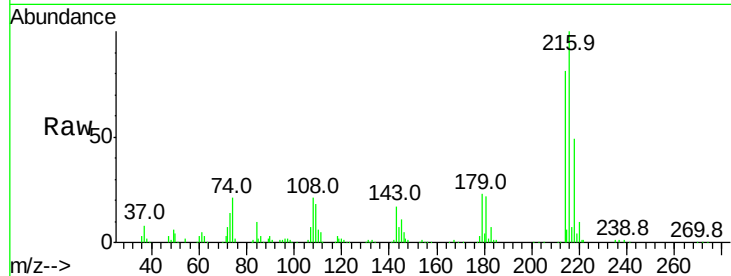
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.877 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
216	100	330639		
214	80.7	63.4	95.2	
179	23.0	17.9	26.9	
108	21.2	16.5	24.7	

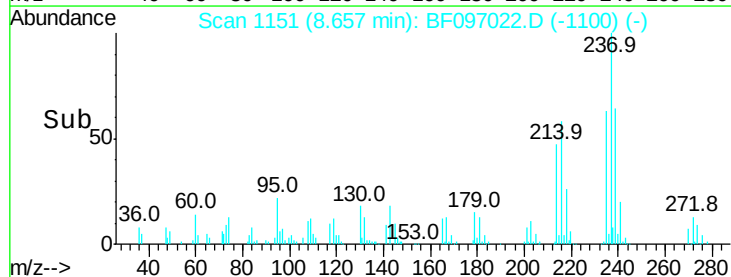
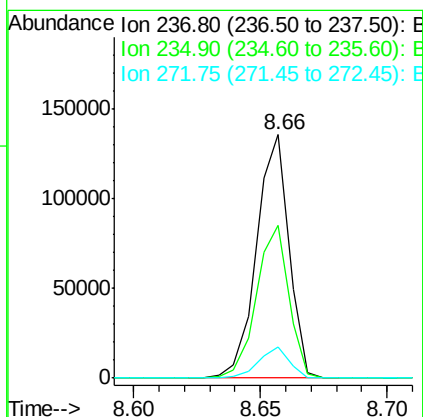
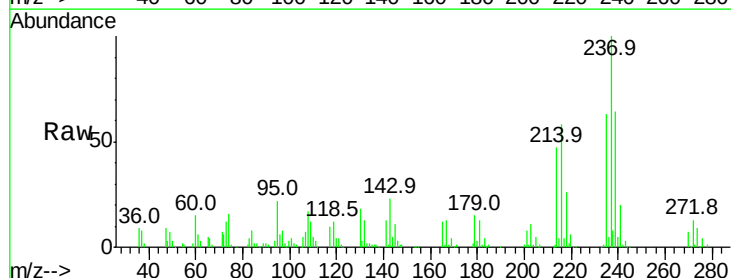
Manual Integrations
 APPROVED

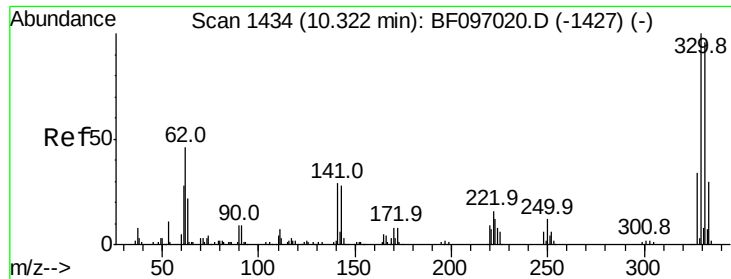
Sohil
 7/26/2017 5:54:15 PM



#40
 Hexachlorocyclopentadiene
 Concen: 58.396 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	121358		
235	63.0	42.6	82.6	
272	12.6	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 99.879 ng

RT: 10.32 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampled :

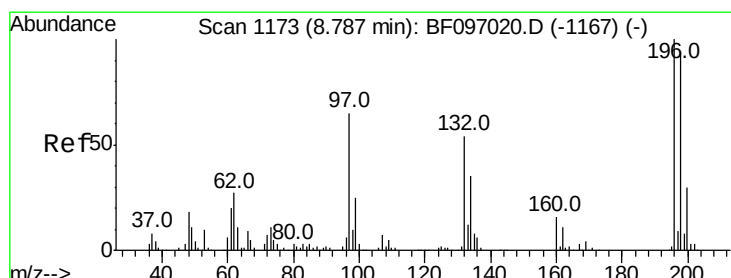
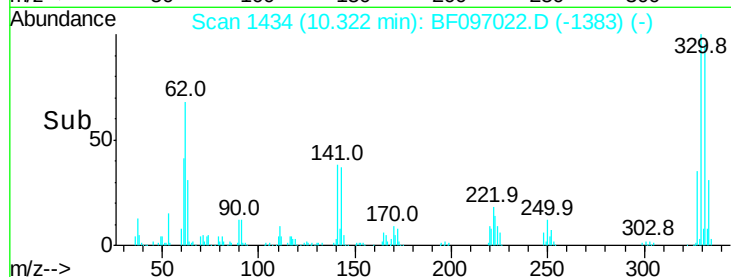
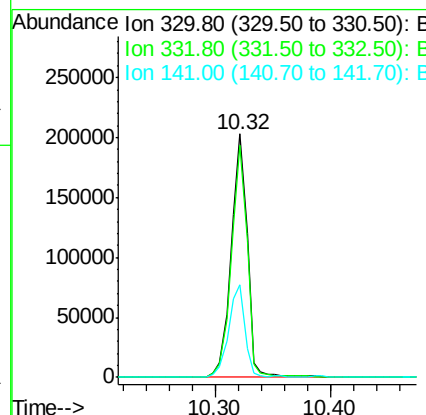
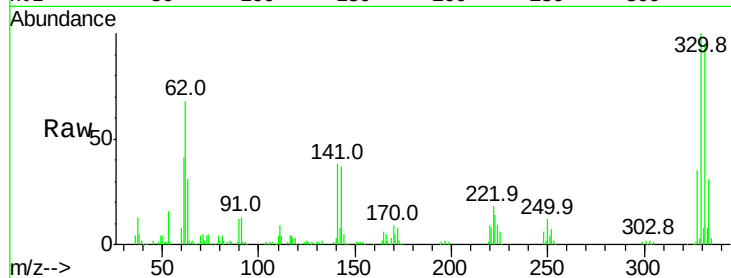
SSTDIC060

Tot Ion:	330	Resp:	197209
Ion Ratio	Lower	Upper	
330	100		
332	94.2	76.6	115.0
141	39.3	31.4	47.2

Manual Integrations
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Sohil

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#42

2,4,6-Trichlorophenol

Concen: 52.804 ng

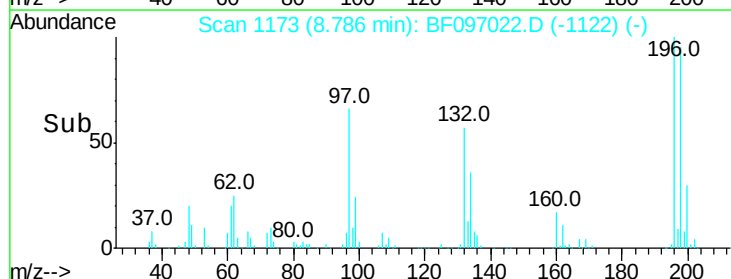
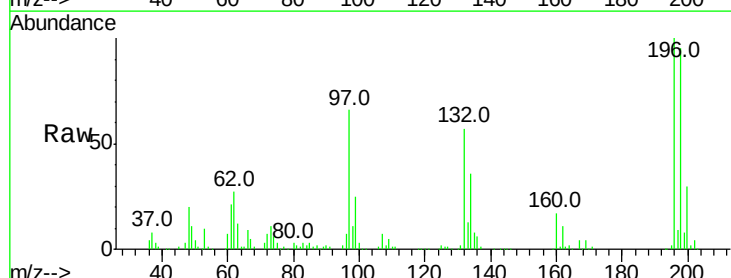
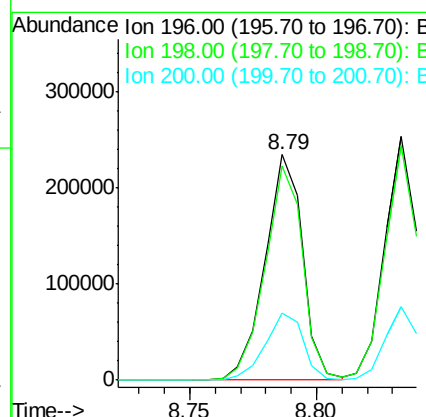
RT: 8.79 min Scan# 1173

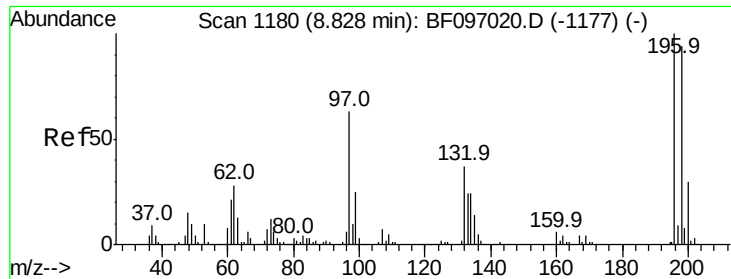
Delta R.T. -0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:	196	Resp:	243554
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.2	111.4
200	29.6	24.0	36.0





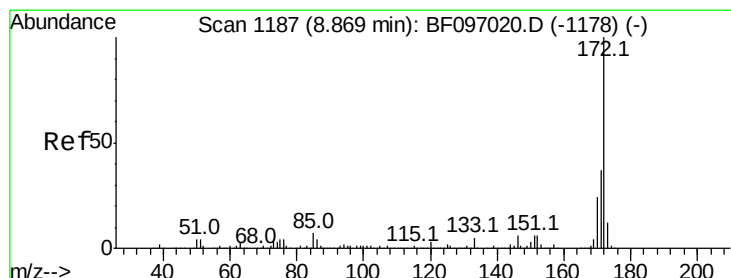
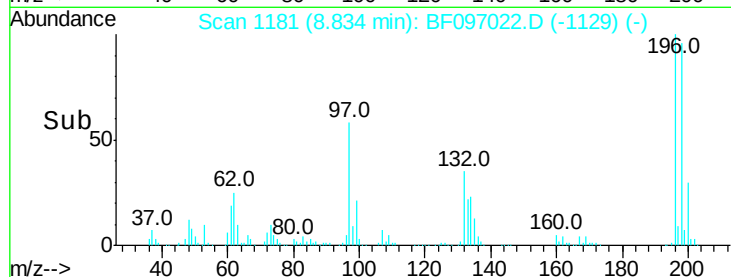
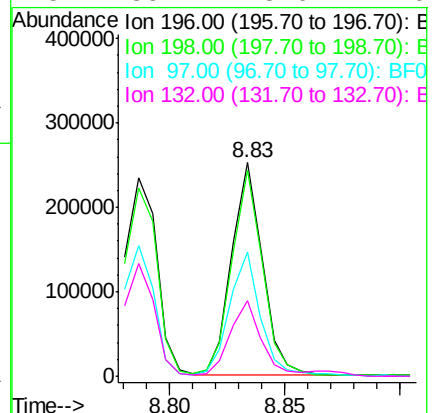
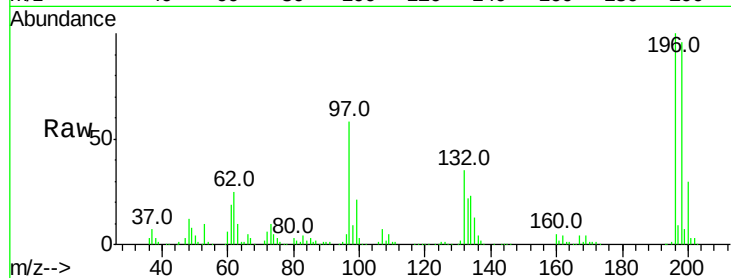
#43
 2,4,5-Trichlorophenol
 Concen: 50.621 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235480		
198	96.5	75.7	113.5	
97	58.4	47.7	71.5	
132	35.2	28.0	42.0	

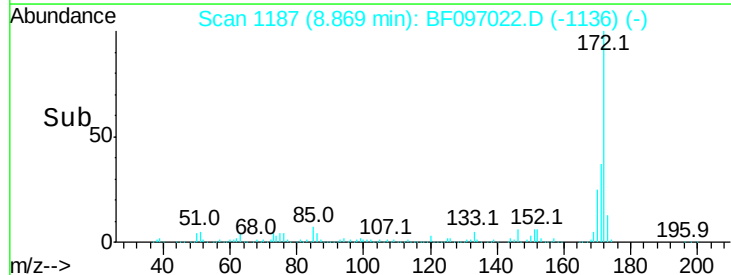
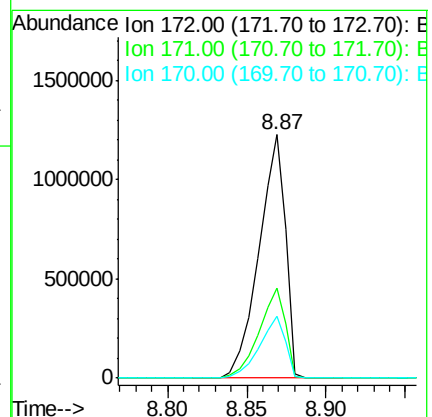
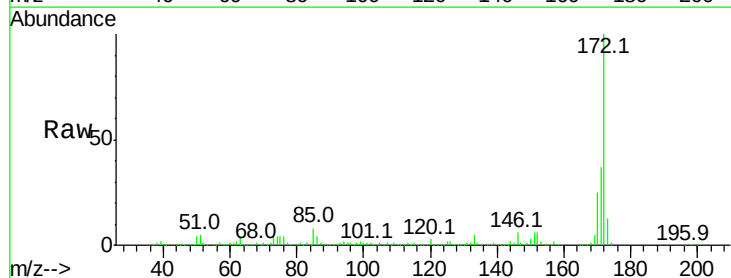
Manual Integrations
 APPROVED

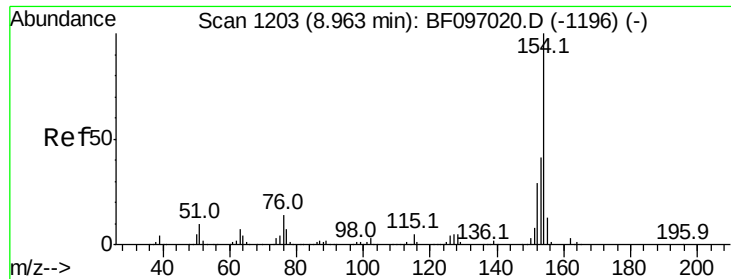
Sohil
 7/26/2017 5:54:15 PM



#44
 2-Fluorobiphenyl
 Concen: 97.501 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1427522		
171	36.8	29.6	44.4	
170	25.2	19.8	29.8	





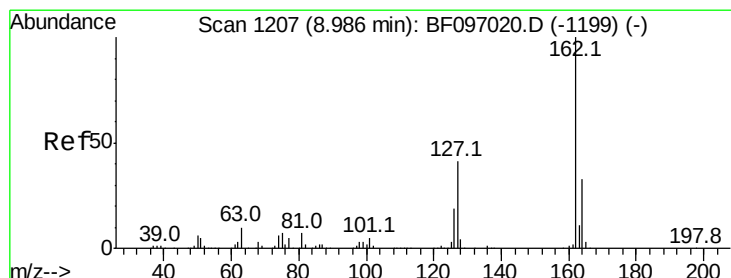
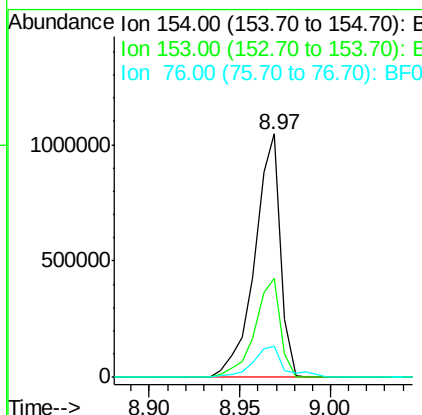
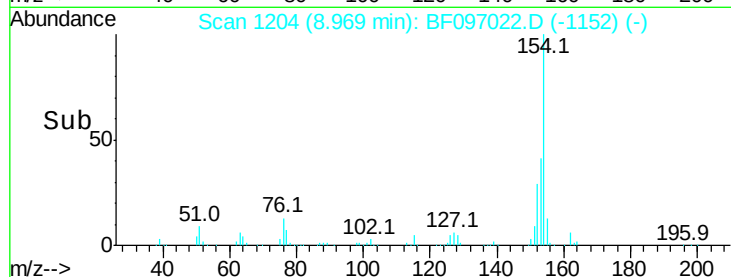
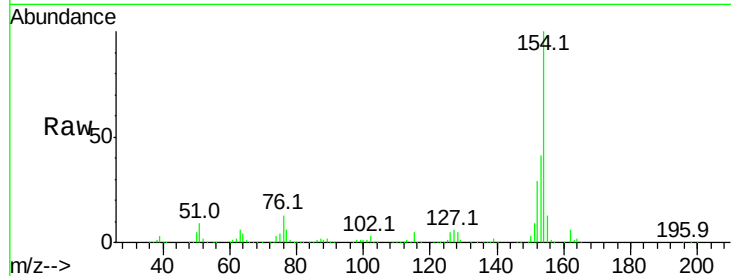
#45
 1,1'-Biphenyl
 Concen: 51.721 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.9	0.0	29.9

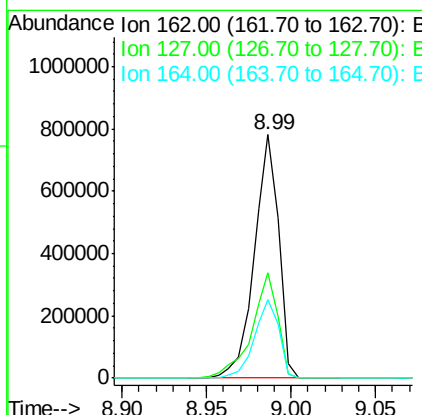
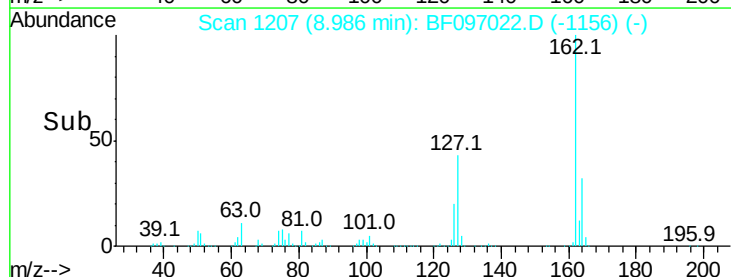
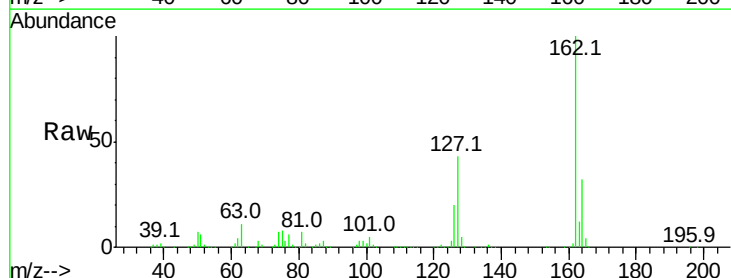
Manual Integrations
 APPROVED

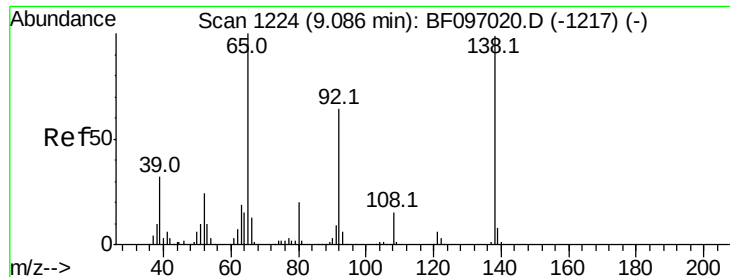
Sohil
 7/26/2017 5:54:15 PM



#46
 2-Chloronaphthalene
 Concen: 53.690 ng
 RT: 8.99 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	28.3	42.5#
164	32.4	27.0	40.4





#47

2-Nitroaniline

Concen: 59.967 ng

RT: 9.09 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

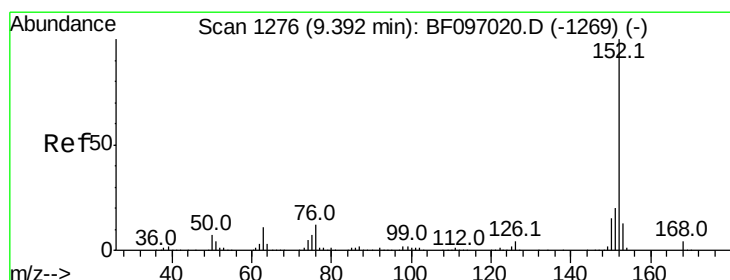
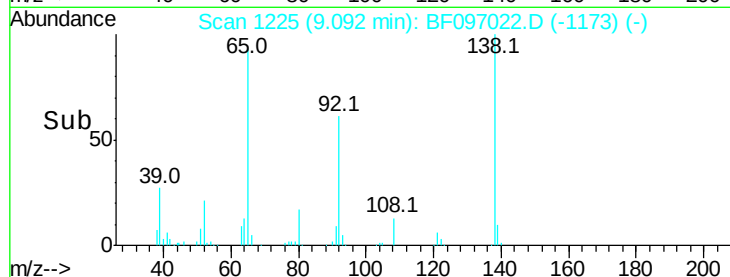
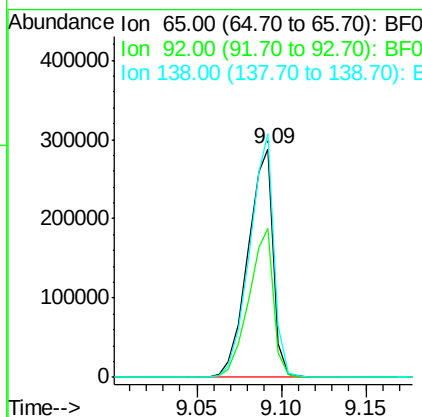
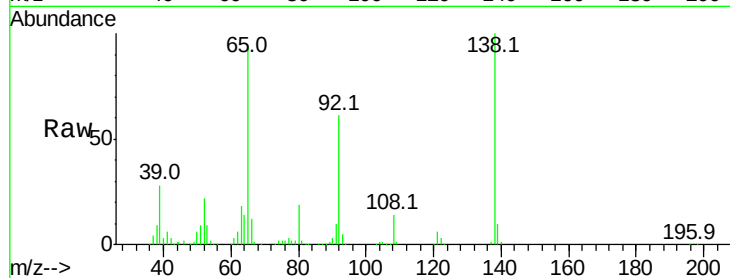
SSTDICC060

Tot Ion:	65	Resp:	301120
Ion Ratio	Lower	Upper	
65	100		
92	65.4	53.9	80.9
138	106.6	78.8	118.2

Manual Integrations
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#48

Acenaphthylene

Concen: 50.757 ng

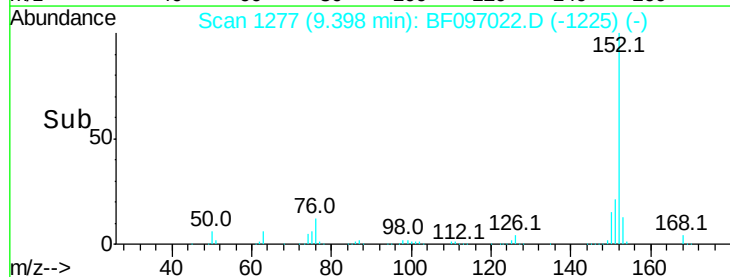
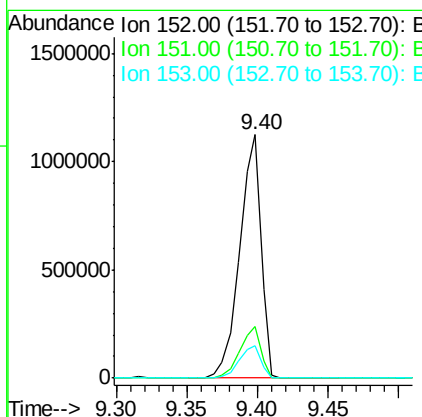
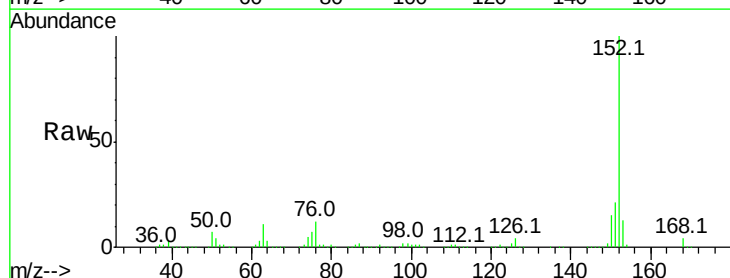
RT: 9.40 min Scan# 1277

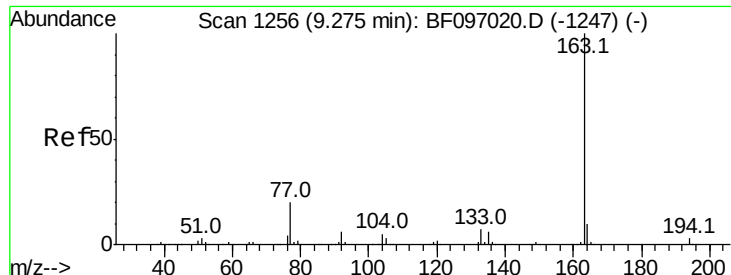
Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:	152	Resp:	1181412
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2
153	13.1	10.8	16.2





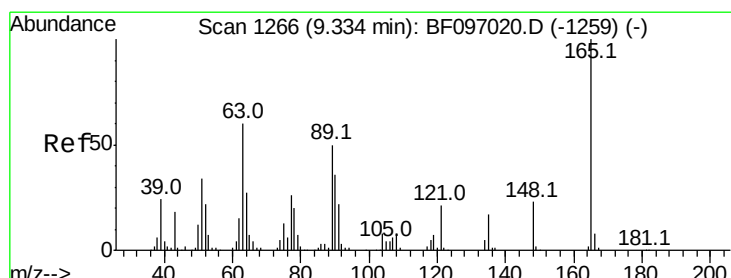
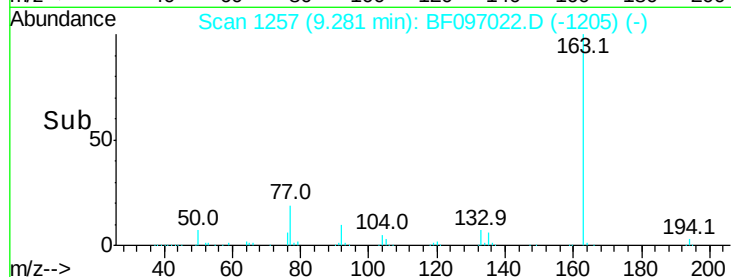
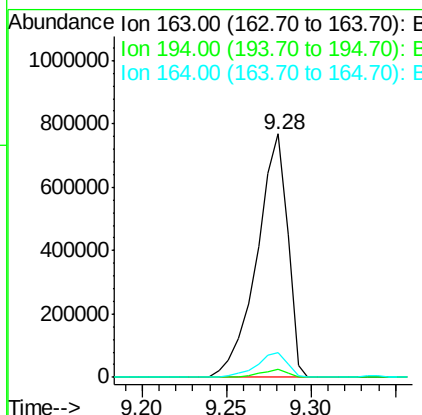
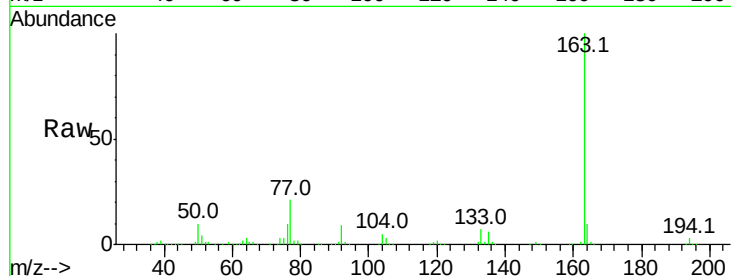
#49
Dimethylphthalate
Concen: 55.640 ng
RT: 9.28 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.1	8.4	12.6	

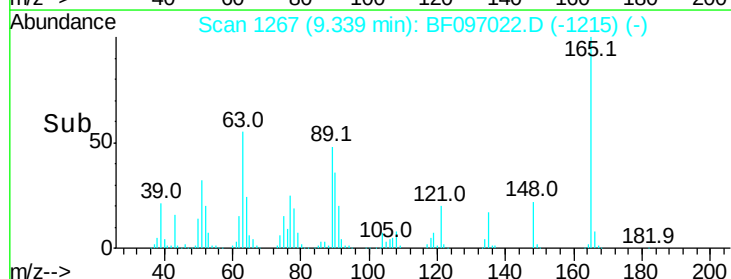
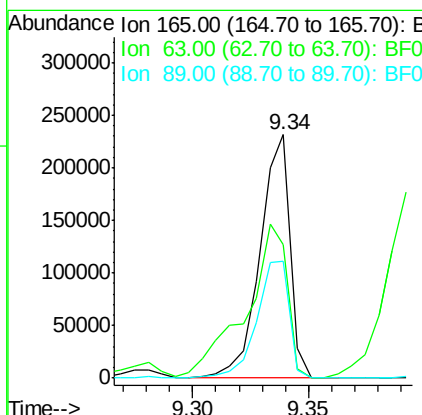
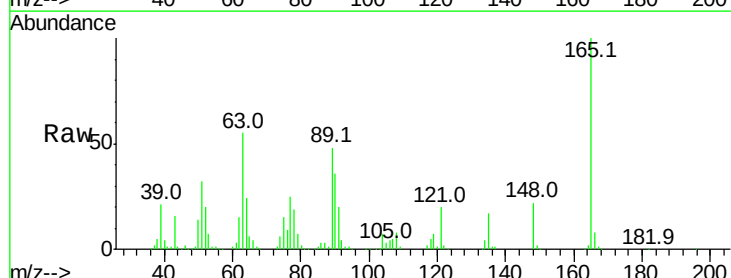
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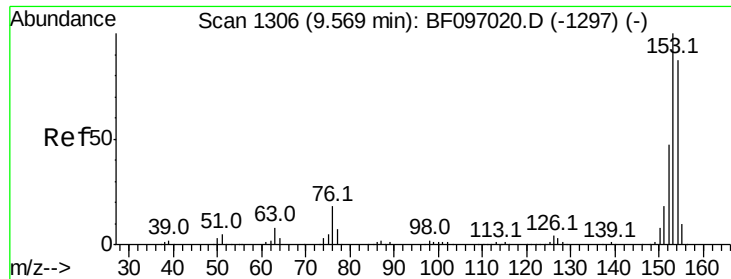
Sohil
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#50
2,6-Dinitrotoluene
Concen: 55.748 ng
RT: 9.34 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.9	34.3	51.5#	
89	47.8	37.1	55.7	





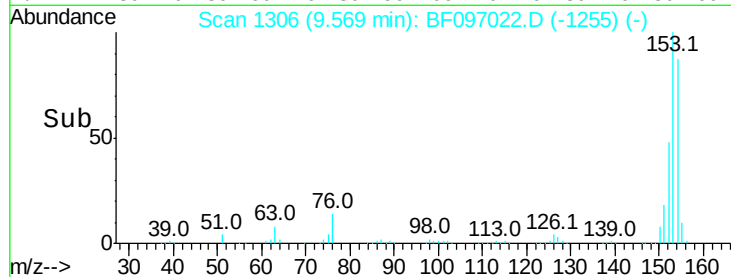
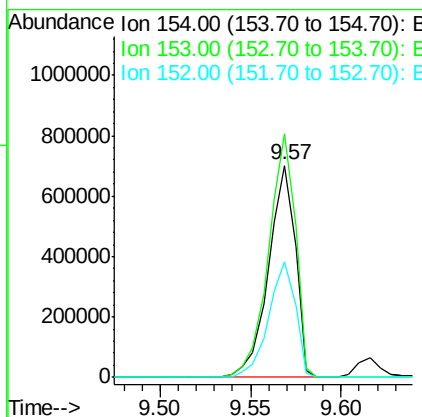
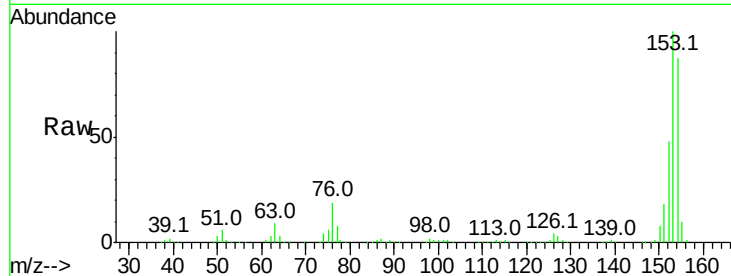
#51
Acenaphthene
Concen: 52.603 ng
RT: 9.57 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.5	135.7
152	54.7	43.6	65.4

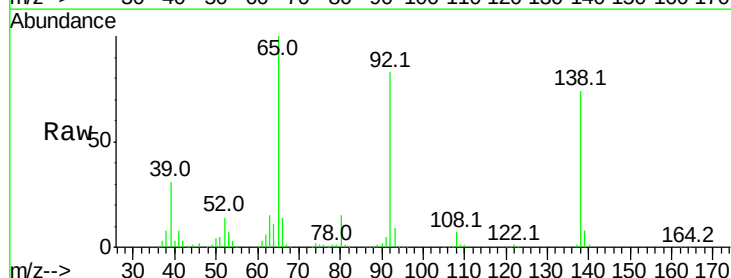
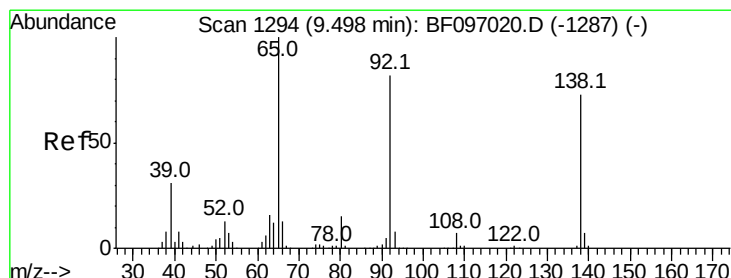
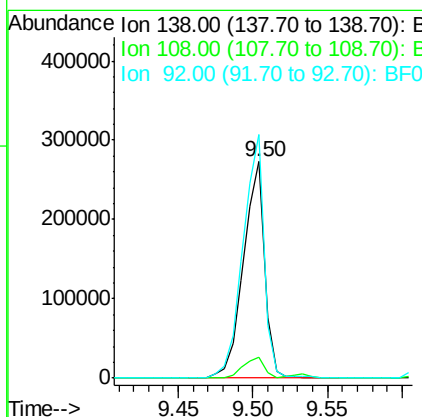
Manual Integrations
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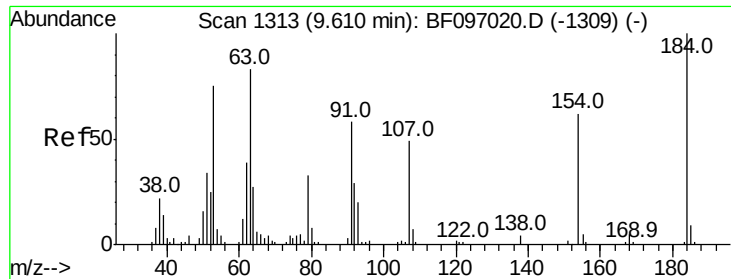
Sohil
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#52
3-Nitroaniline
Concen: 60.726 ng
RT: 9.50 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	112.7	93.8	140.6





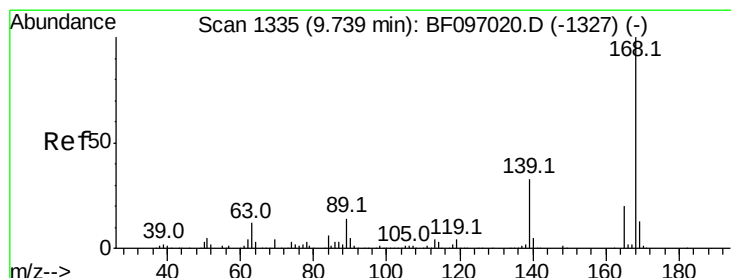
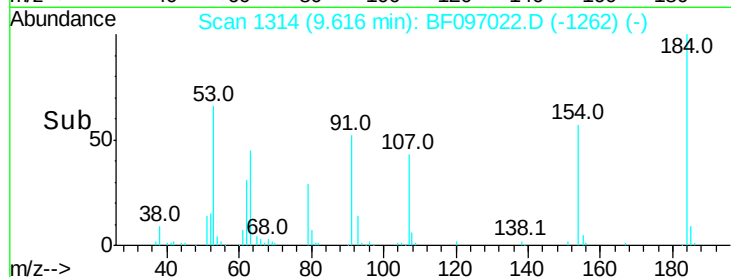
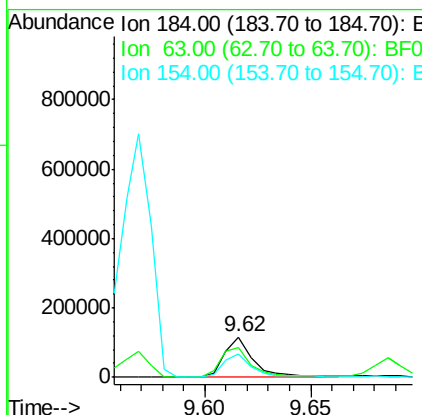
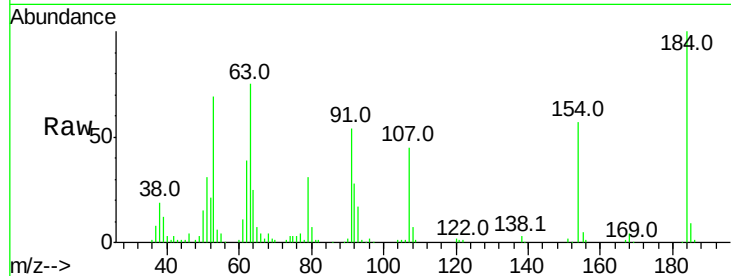
#53
 2,4-Dinitrophenol
 Concen: 70.447 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	75.1	62.7	94.1	
154	57.3	81.1	121.7	

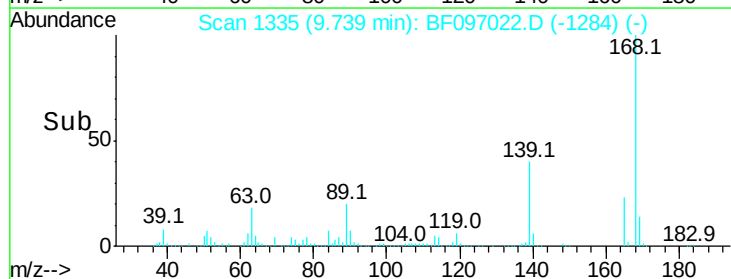
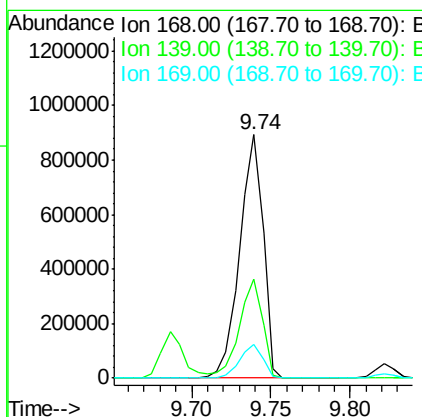
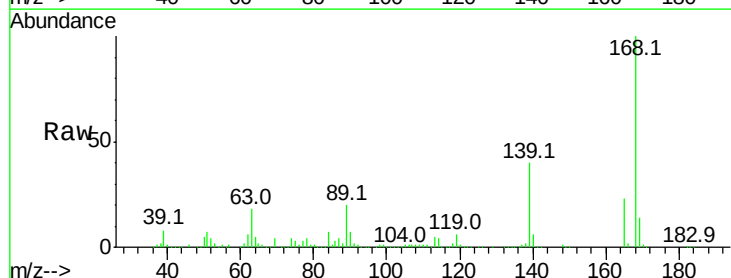
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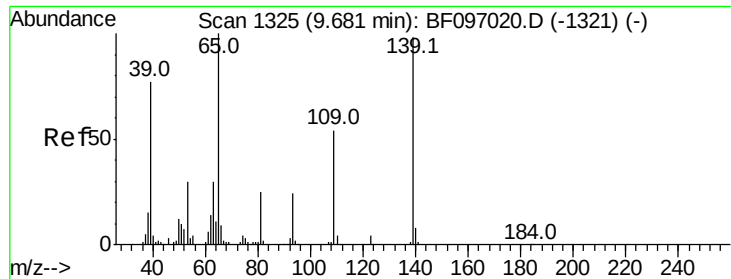
Sohil
 7/26/2017 5:54:15 PM



#54
 Dibenzofuran
 Concen: 47.341 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	30.6	45.8	
169	13.7	10.8	16.2	





#55

4-Nitrophenol

Concen: 50.587 ng

RT: 9.69 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:139 Resp: 165170

Ion Ratio Lower Upper

139 100

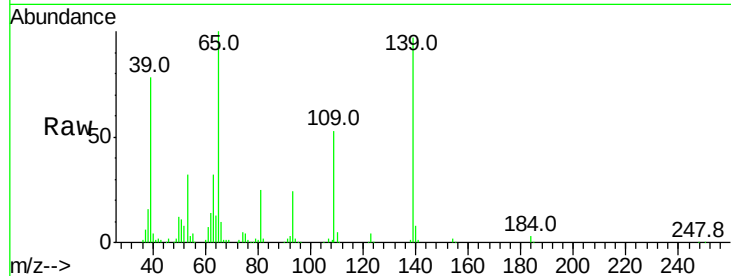
109 54.5 34.1 74.1

65 103.4 31.4 71.4#

Manual Integrations
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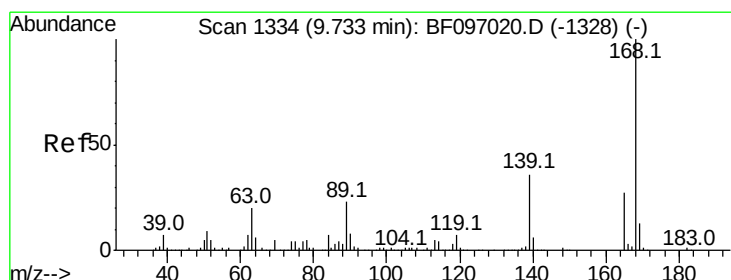
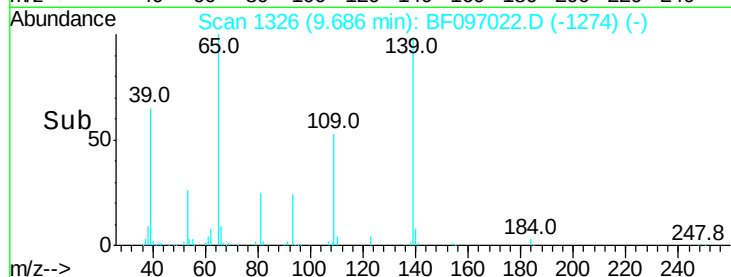
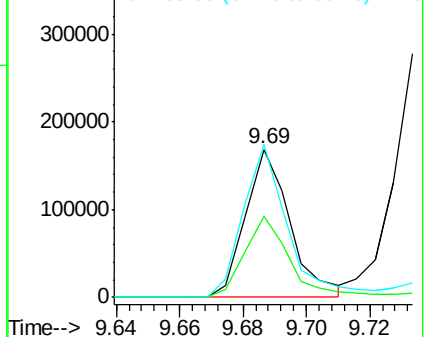
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.823 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:165 Resp: 226991

Ion Ratio Lower Upper

165 100

63 79.2 25.4 38.0#

89 84.1 46.4 69.6#

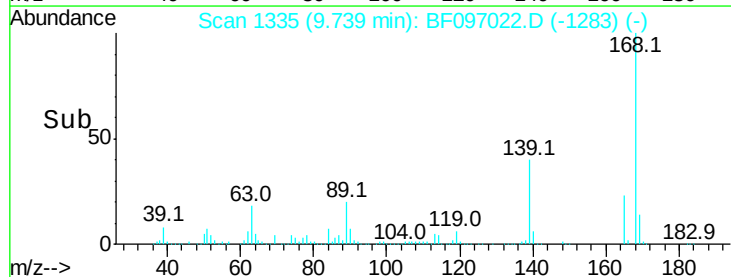
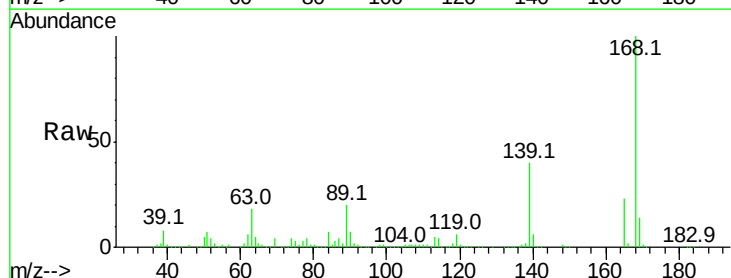
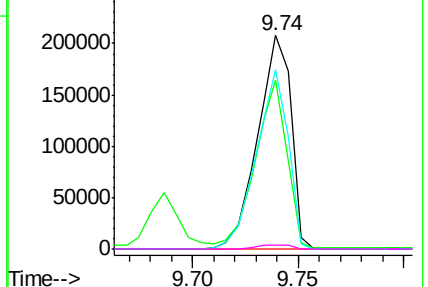
182 2.1 1.8 2.6

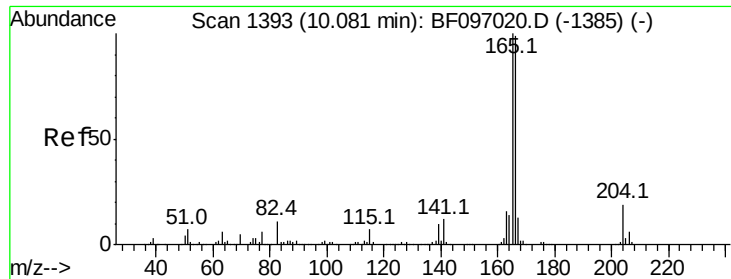
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.846 ng

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

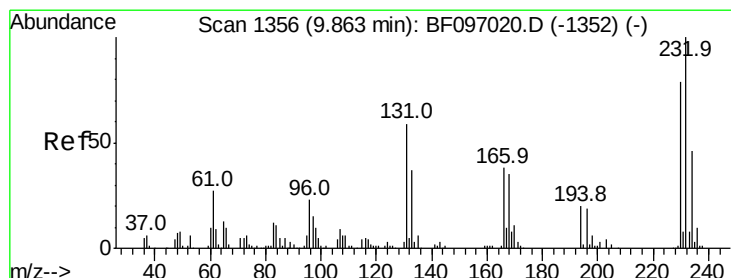
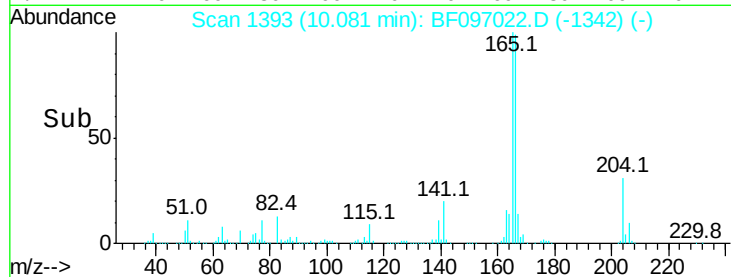
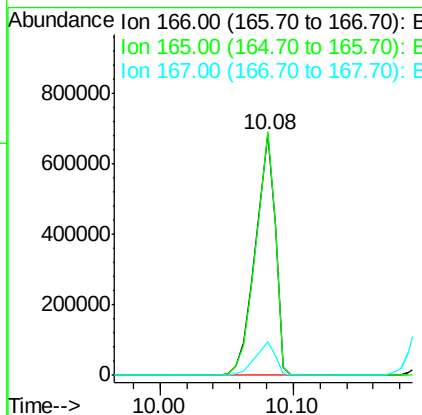
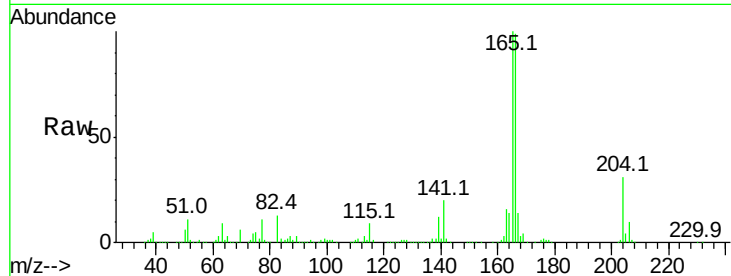
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
166	100	695495		
165	101.3		78.8	118.2
167	13.9		10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.305 ng

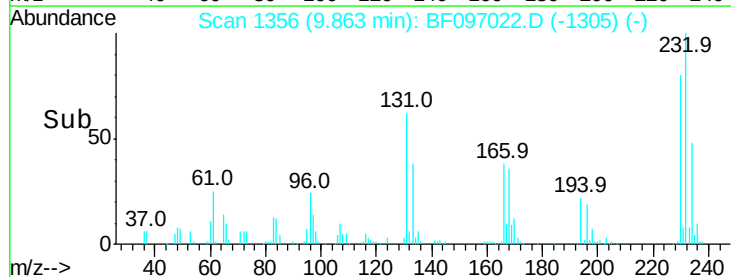
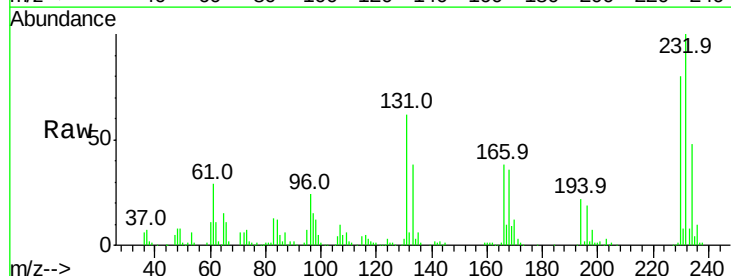
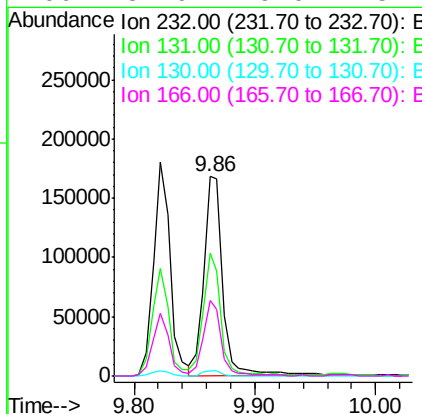
RT: 9.86 min Scan# 1356

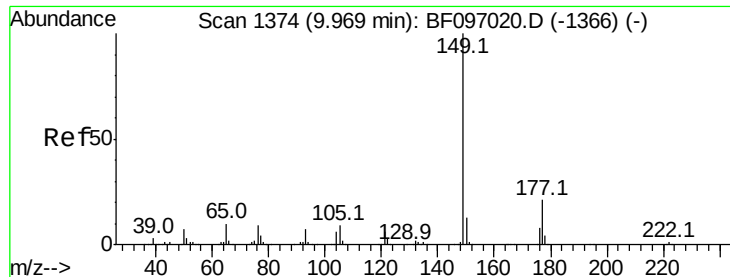
Delta R.T. -0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	181650		
131	55.0		44.8	67.2
130	2.6		2.3	3.5
166	34.9		29.0	43.4





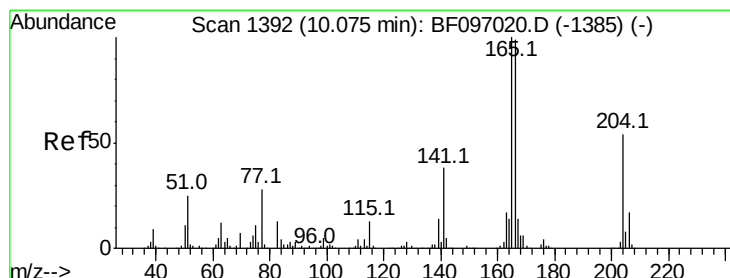
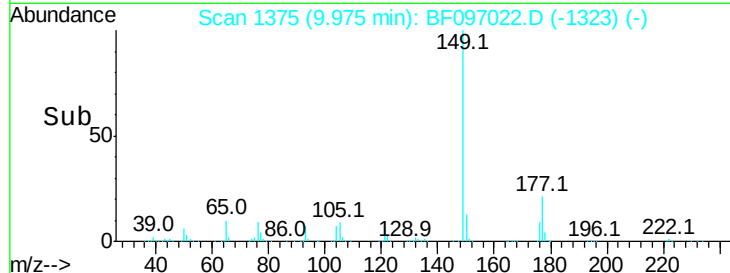
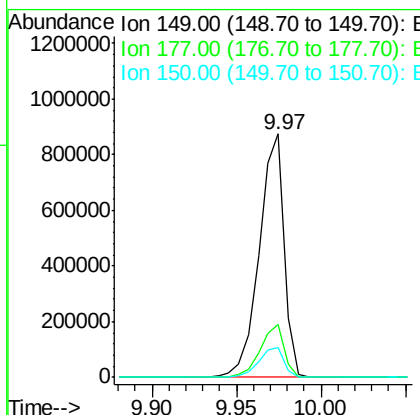
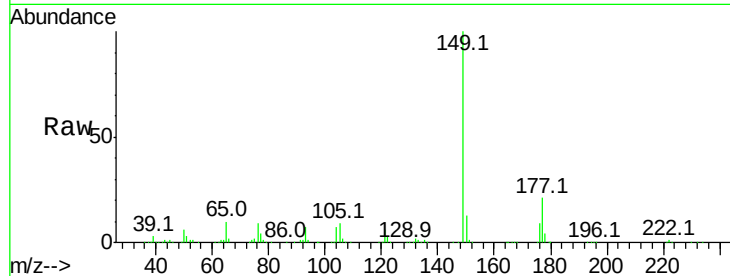
#59
Diethylphthalate
Concen: 52.731 ng
RT: 9.97 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100	894096		
177	21.5	16.7	25.1	
150	12.5	10.2	15.2	

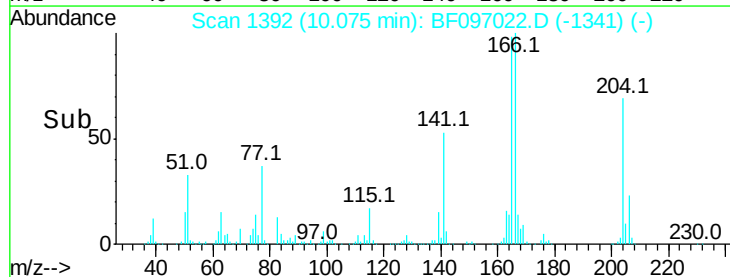
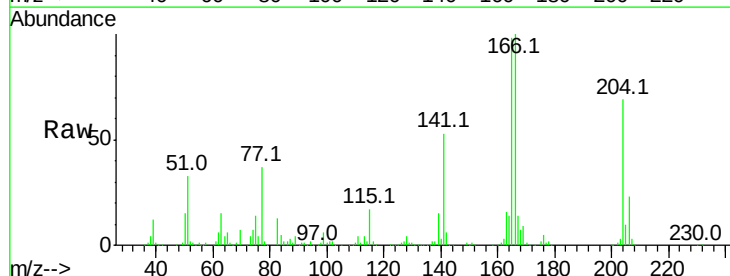
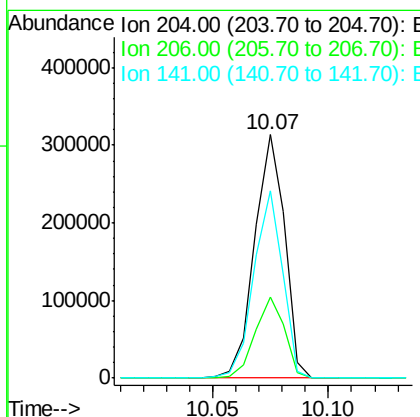
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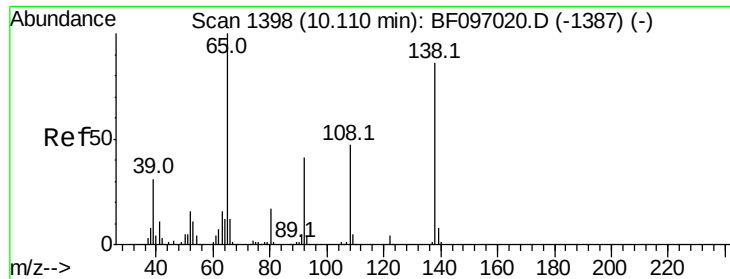
Sohil
7/26/2017 5:54:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.763 ng
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	285934		
206	33.3	26.2	39.2	
141	76.7	60.8	91.2	





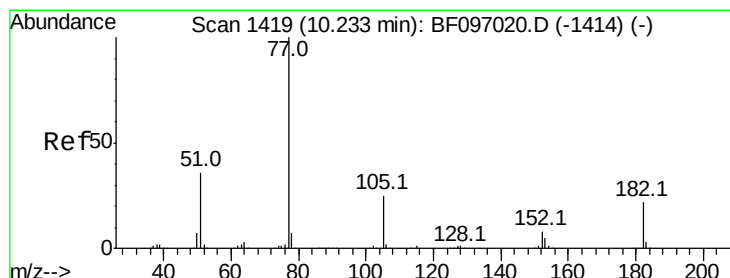
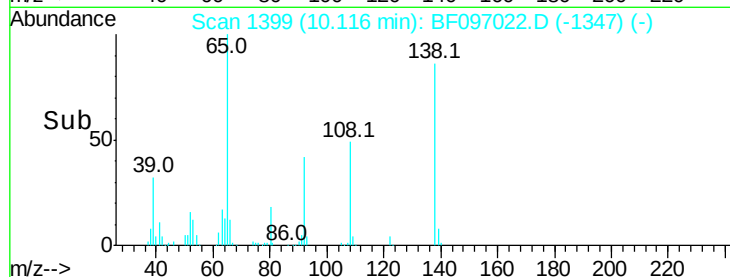
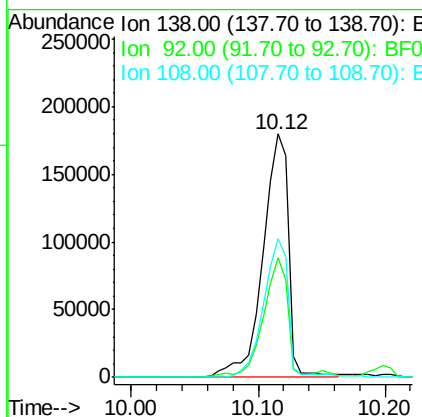
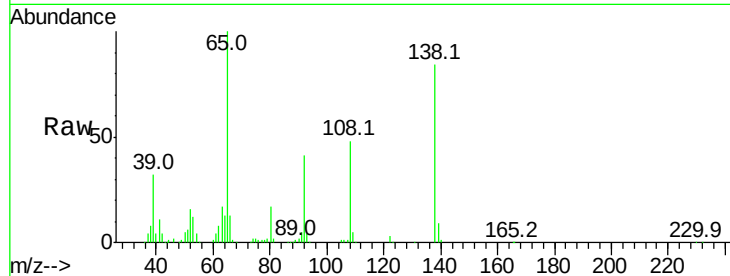
#61
4-Nitroaniline
Concen: 60.234 ng
RT: 10.12 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	21.8	61.8
108	57.1	42.3	82.3

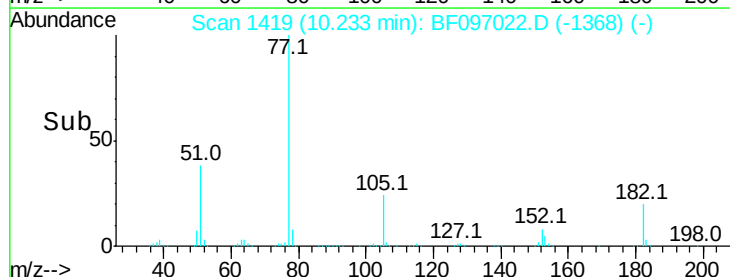
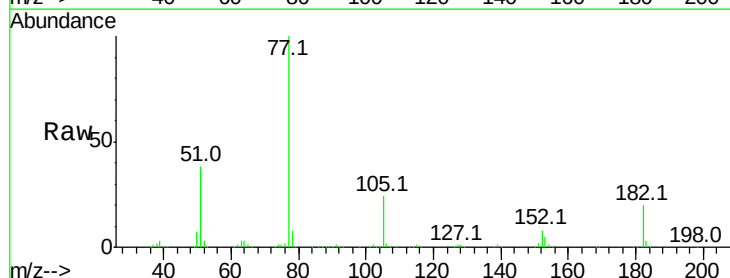
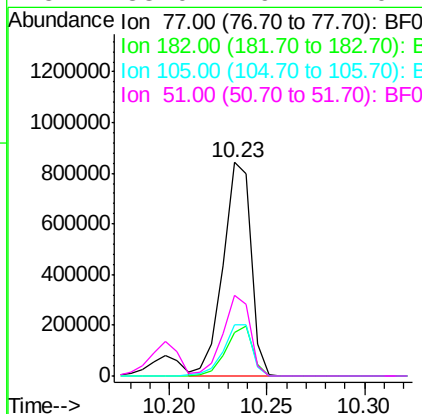
Manual Integrations
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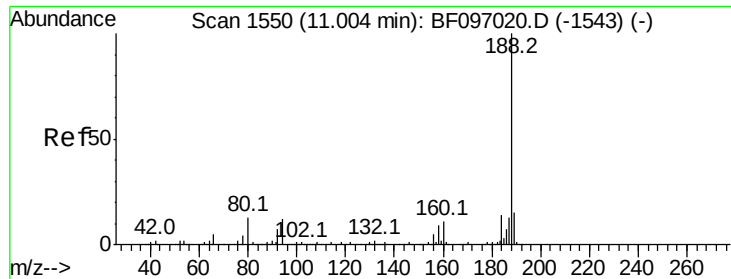
Sohil
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#62
Azobenzene
Concen: 55.937 ng
RT: 10.23 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	0.1	40.1
105	24.1	3.6	43.6
51	38.0	9.4	49.4





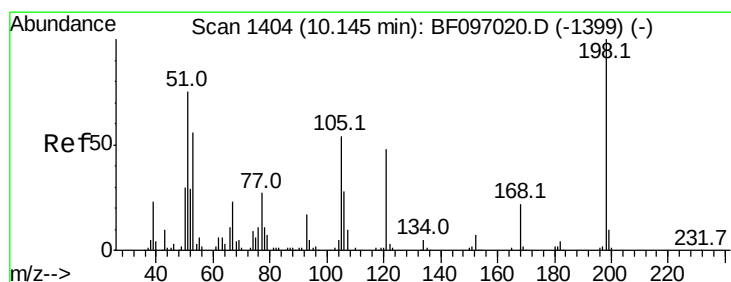
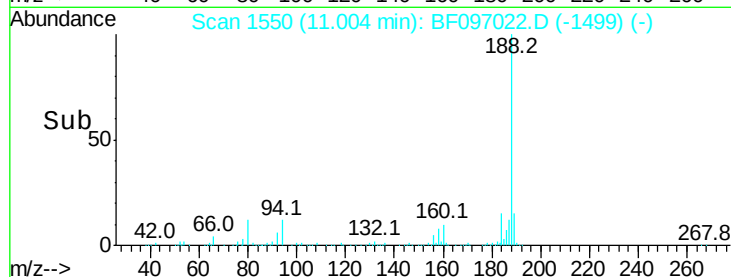
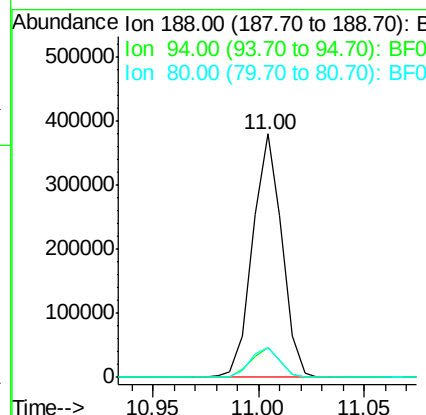
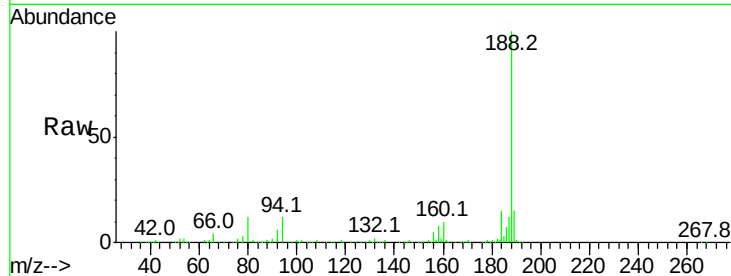
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	364693		
94	12.1		9.4	14.2
80	12.2		10.2	15.2

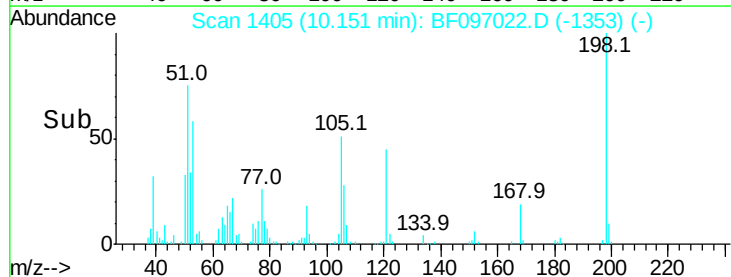
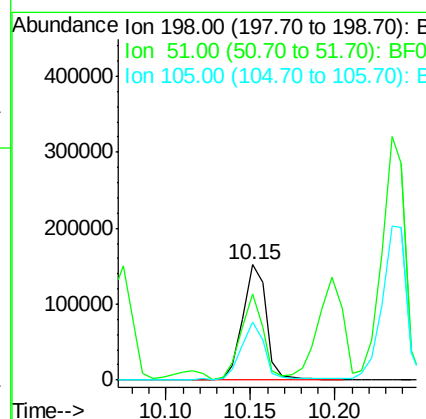
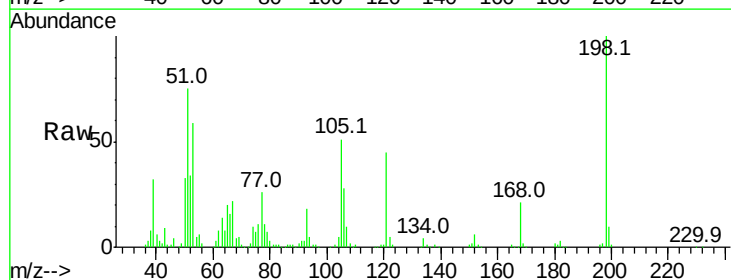
Manual Integrations
APPROVED

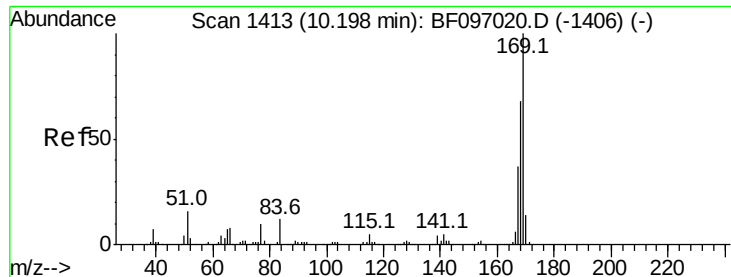
Sohil
7/26/2017 5:54:15 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 65.372 ng
RT: 10.15 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	149685		
51	75.1		53.2	93.2
105	50.7		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 54.565 ng

RT: 10.20 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:169 Resp: 711333

Ion Ratio Lower Upper

169 100

168 68.1 53.2 79.8

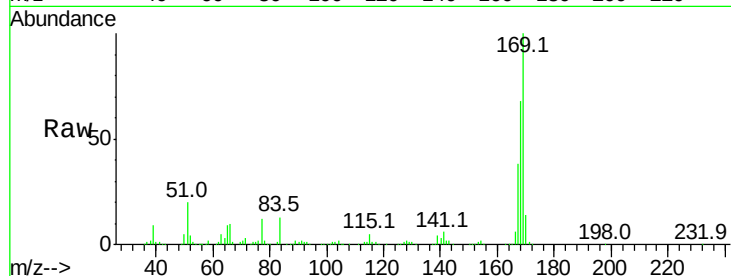
167 37.8 29.5 44.3

Manual Integrations

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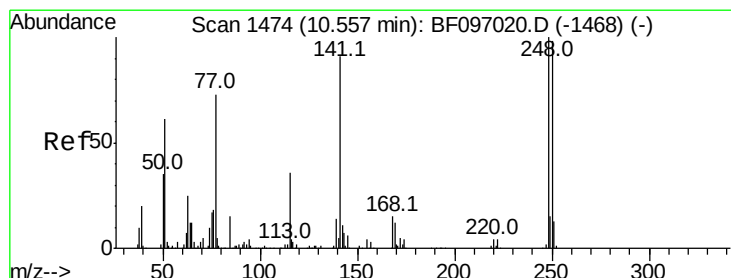
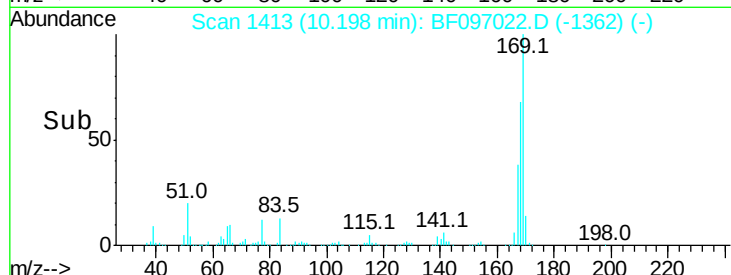
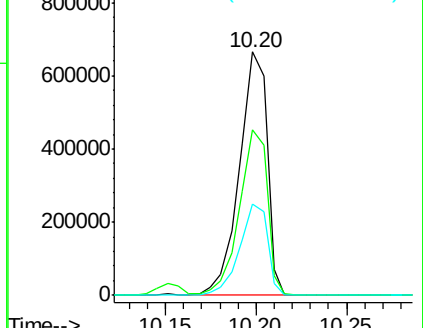
7/26/2017 5:54:15 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.345 ng

RT: 10.56 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

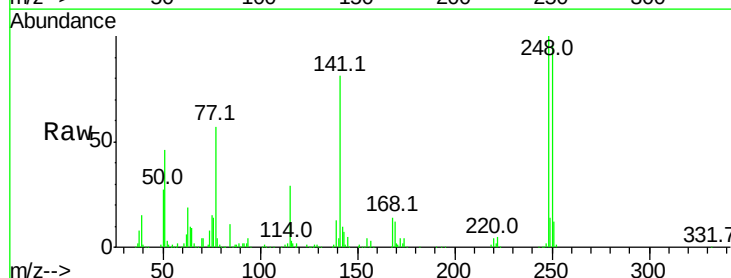
Tgt Ion:248 Resp: 202347

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

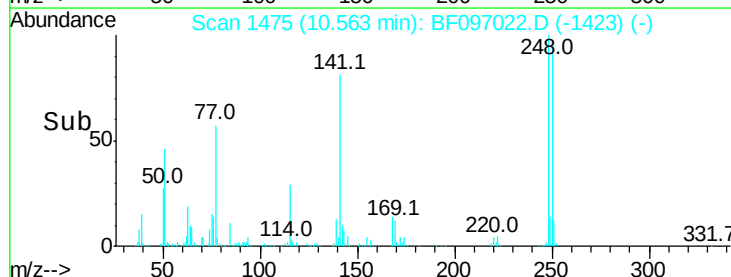
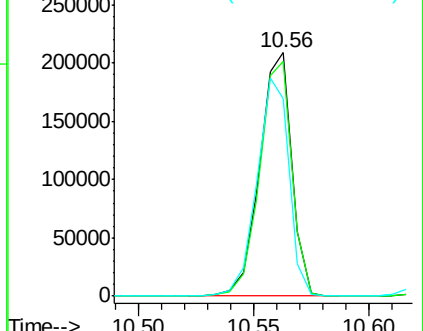
141 81.0 68.6 103.0

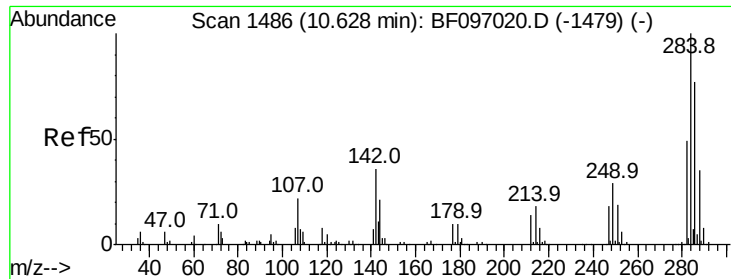


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 54.692 ng

RT: 10.63 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

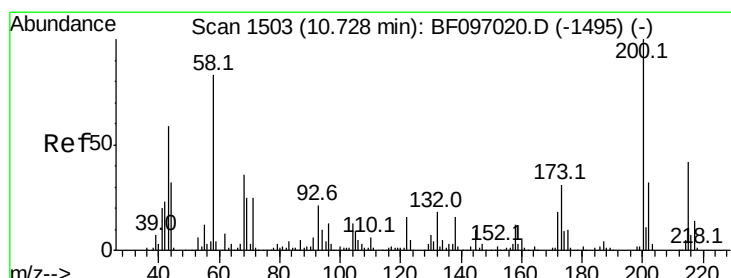
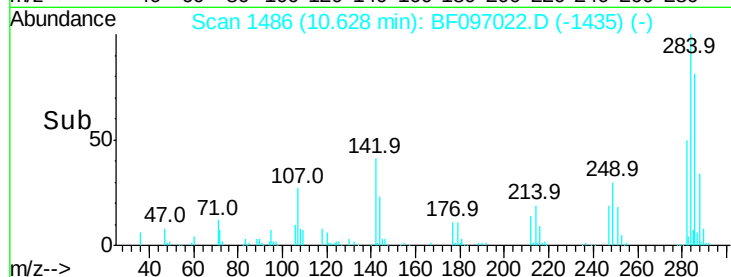
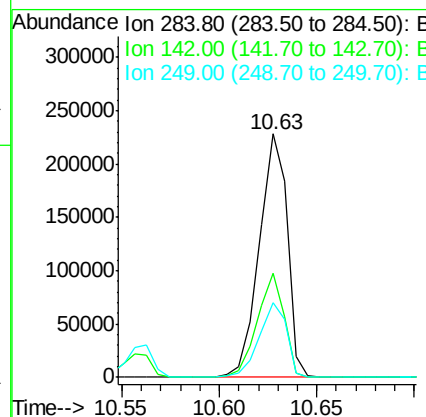
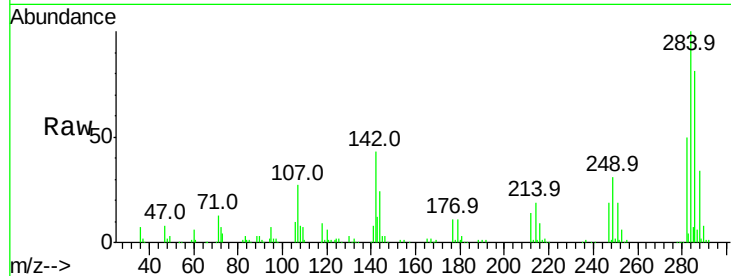
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.6	22.8	34.2#	
249	30.9	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 53.781 ng

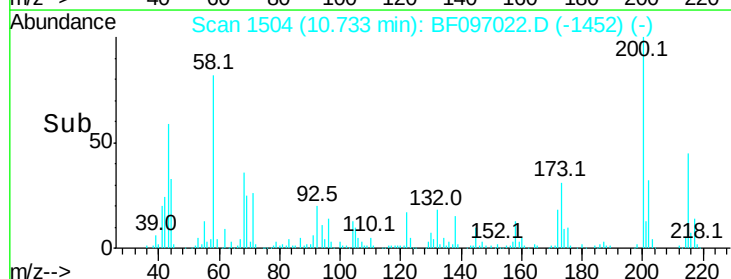
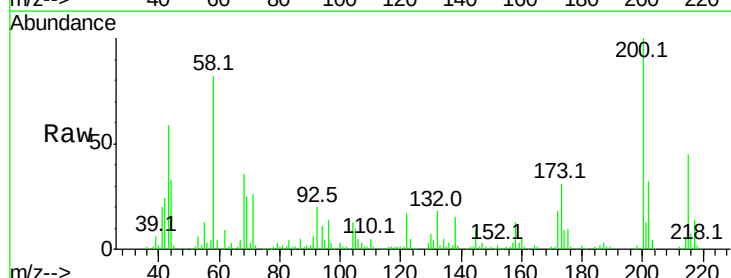
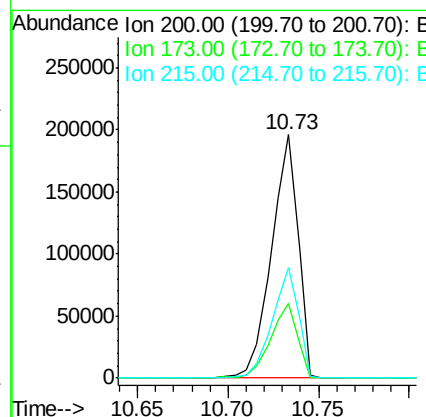
RT: 10.73 min Scan# 1504

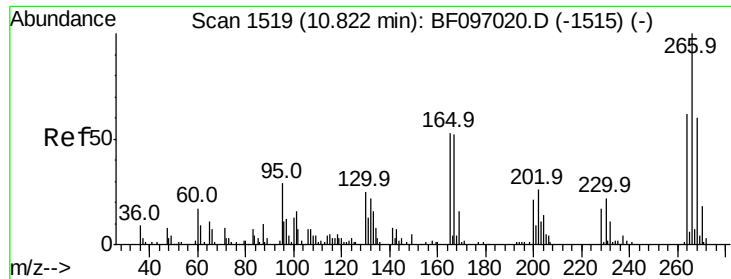
Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.9	6.3	46.3	
215	45.2	27.2	67.2	





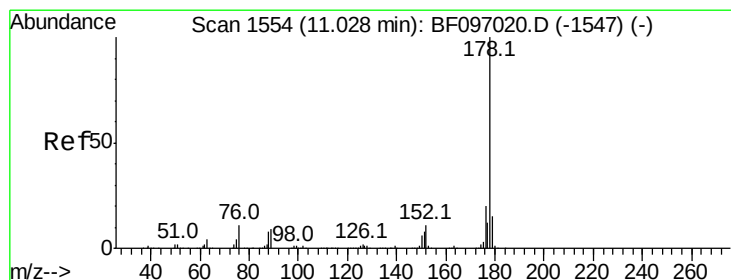
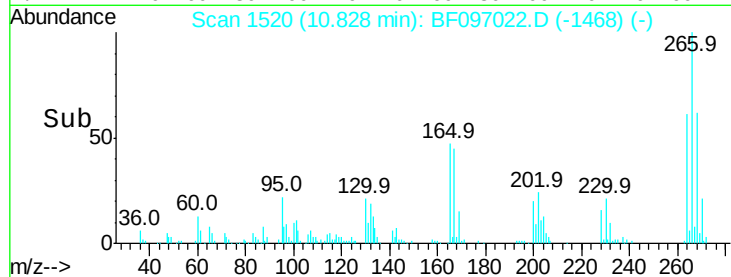
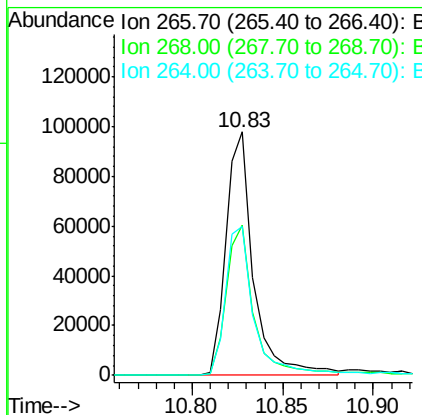
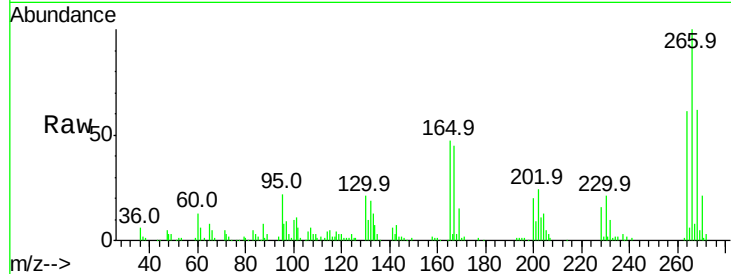
#69
 Pentachlorophenol
 Concen: 51.635 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100	103443		
268	61.9		51.1	76.7
264	61.2		51.7	77.5

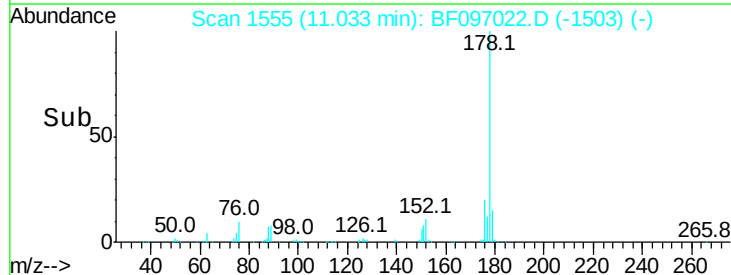
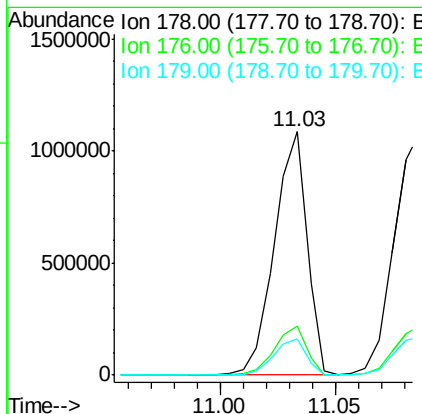
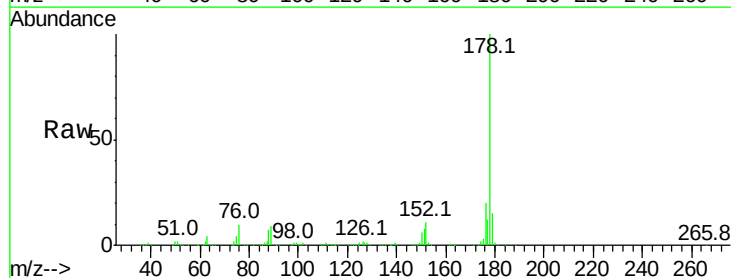
Manual Integrations
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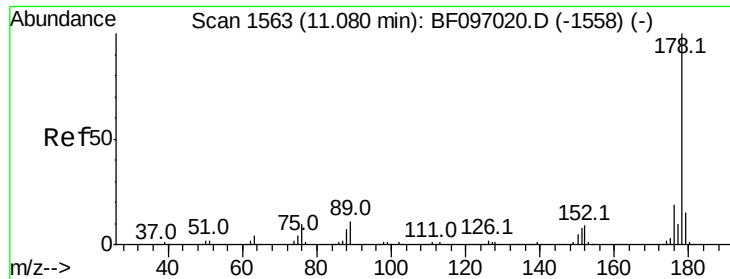
Sohil
 7/26/2017 5:54:15 PM



#70
 Phenanthrene
 Concen: 53.513 ng
 RT: 11.03 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1061149		
176	20.0		16.2	24.4
179	14.8		12.6	19.0





#71
 Anthracene
 Concen: 53.878 ng
 RT: 11.09 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

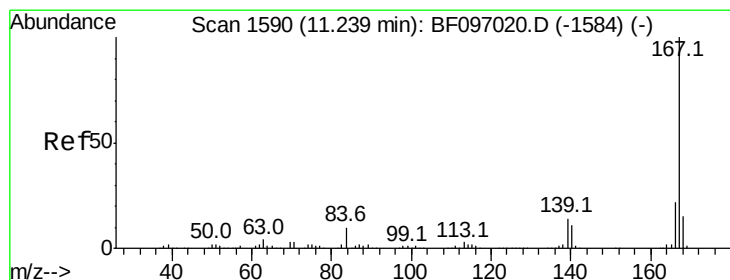
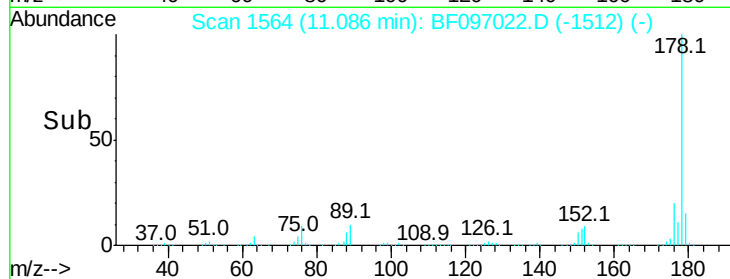
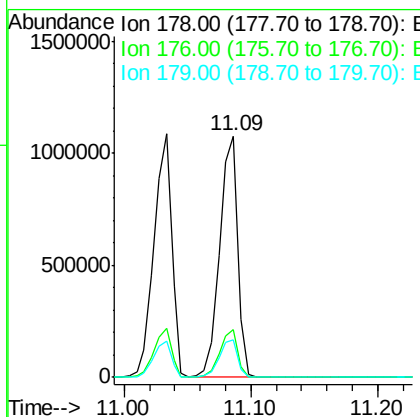
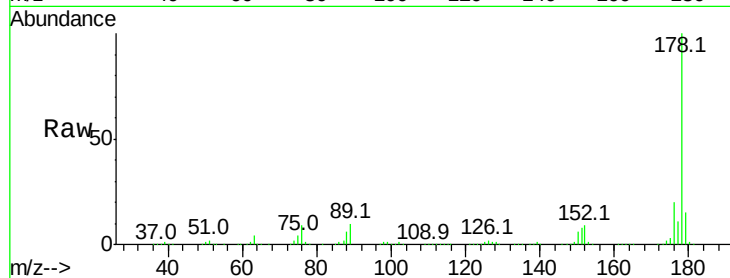
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1080217

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	12.7	19.1

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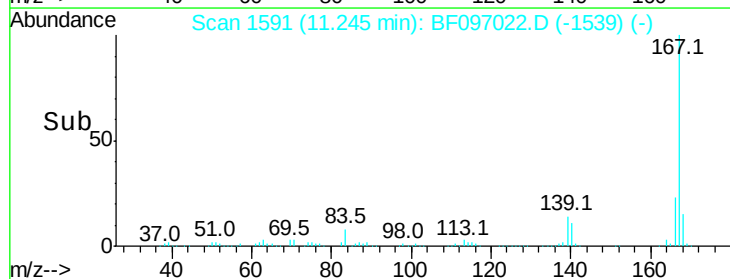
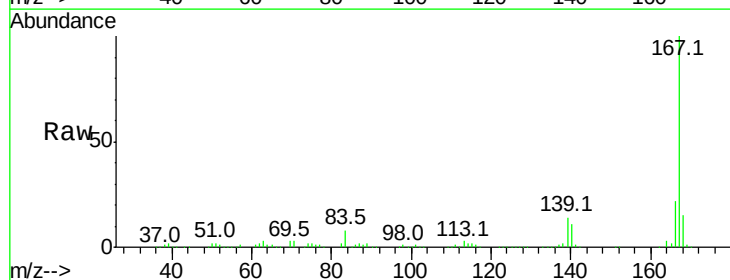
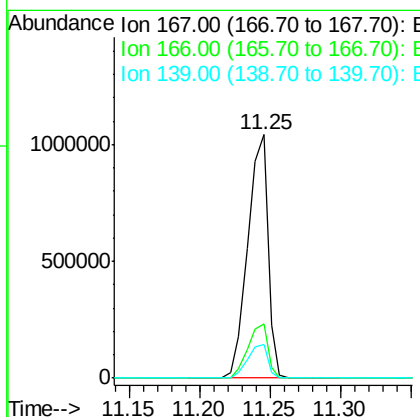
Sohil
 7/26/2017 5:54:15 PM

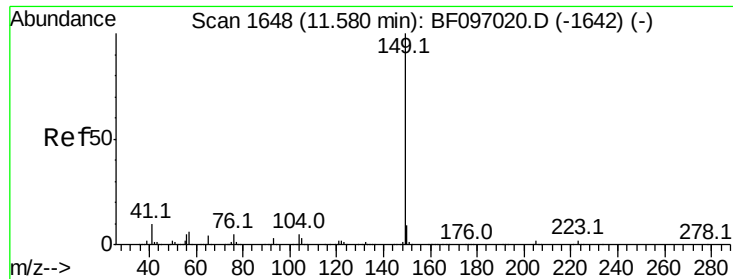


#72
 Carbazole
 Concen: 54.039 ng
 RT: 11.25 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion:167 Resp: 1049186

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 55.298 ng

RT: 11.59 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

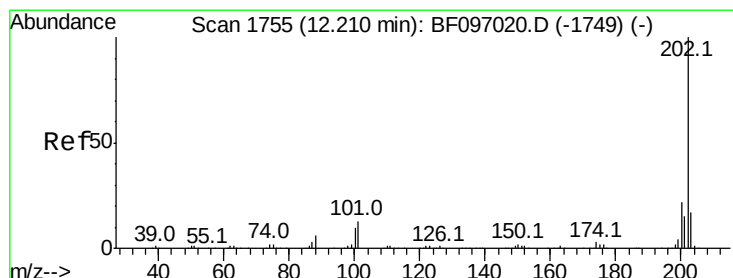
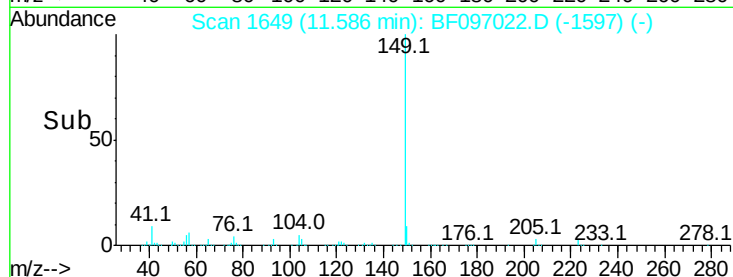
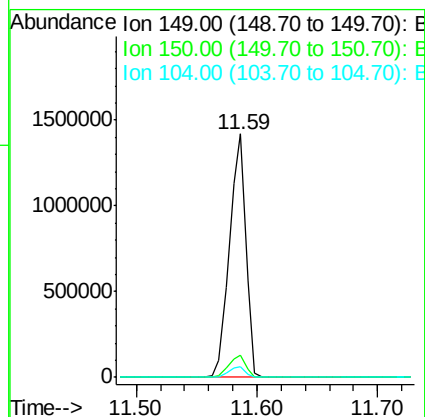
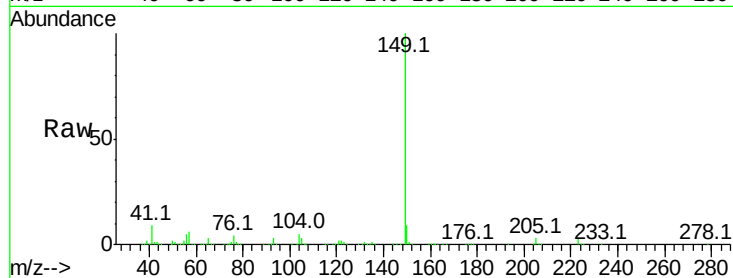
ClientSampleId :

SSTDIC060

Tot Ion:	149	Resp:	1337105
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 55.575 ng

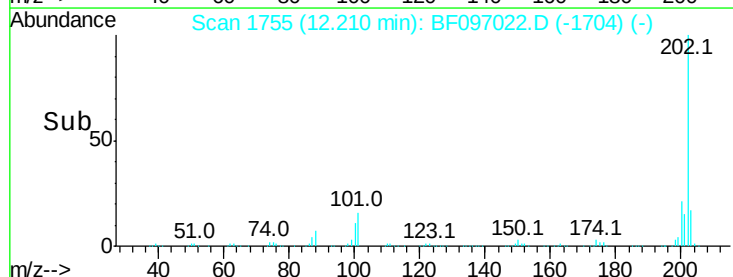
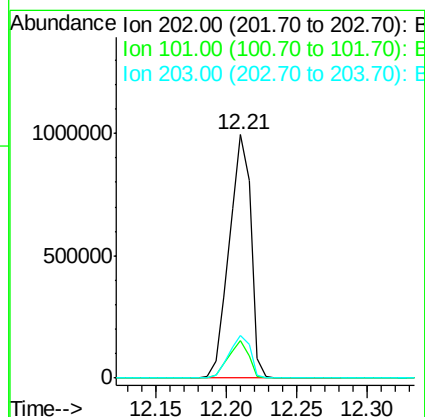
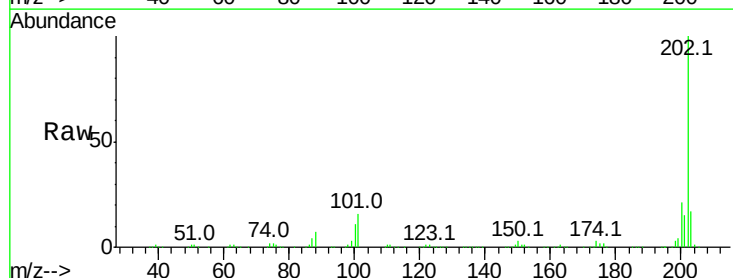
RT: 12.21 min Scan# 1755

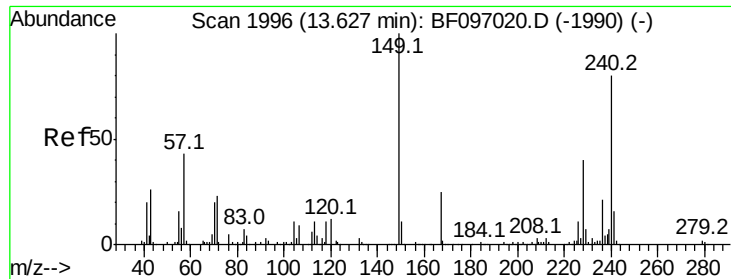
Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:	202	Resp:	1054832
Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

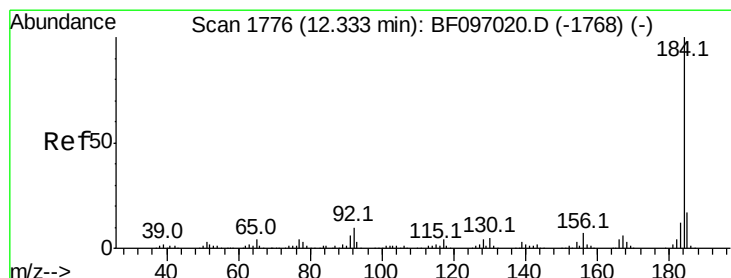
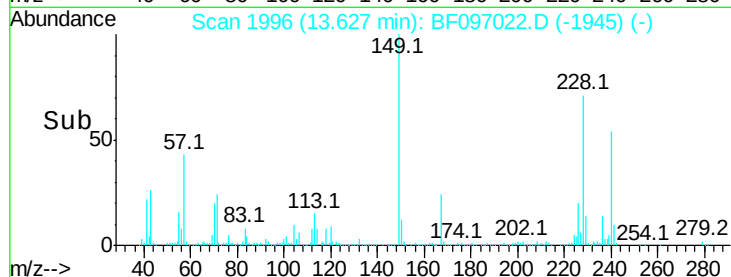
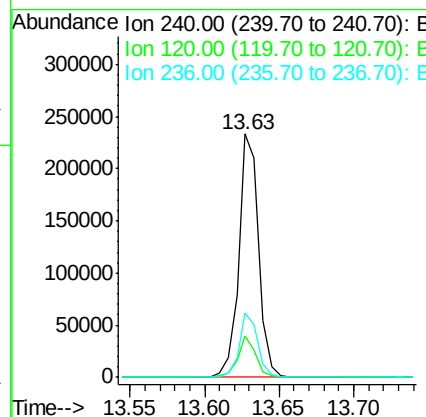
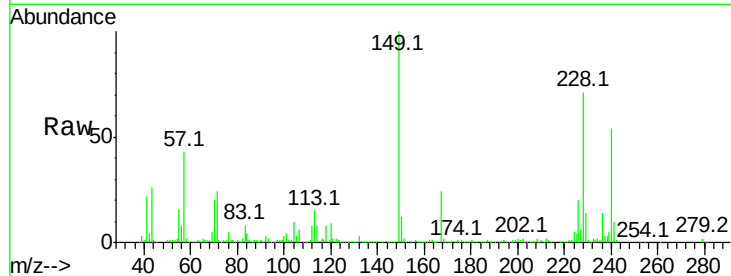
Tot Ion:240 Resp: 216977
Ion Ratio Lower Upper

240	100		
120	17.1	5.8	8.8#
236	26.3	20.5	30.7

Manual Integrations
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Sohil

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#76

Benzidine

Concen: 59.923 ng

RT: 12.33 min Scan# 1776

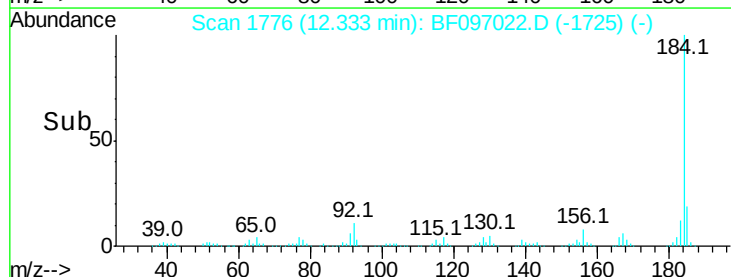
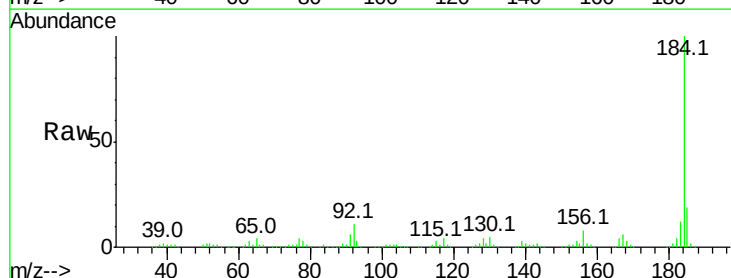
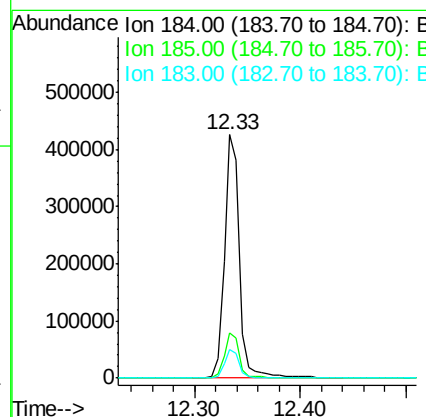
Delta R.T. 0.00 min

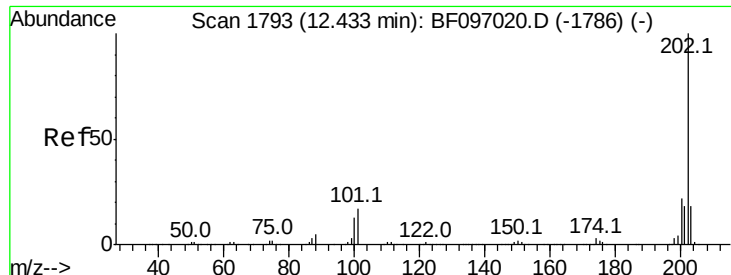
Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion:184 Resp: 425948
Ion Ratio Lower Upper

184	100		
185	18.6	15.5	23.3
183	11.8	9.8	14.6





#77

Pvrene

Concen: 56.736 ng

RT: 12.44 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:202 Resp: 1117228

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

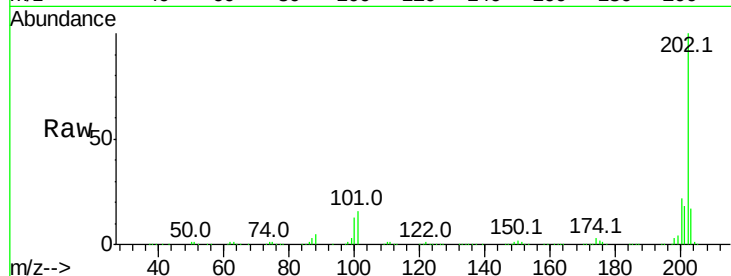
203 17.1 14.4 21.6

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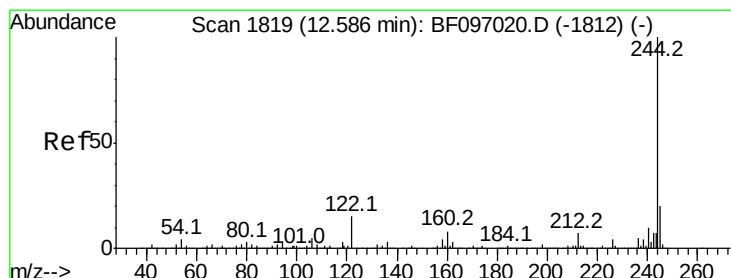
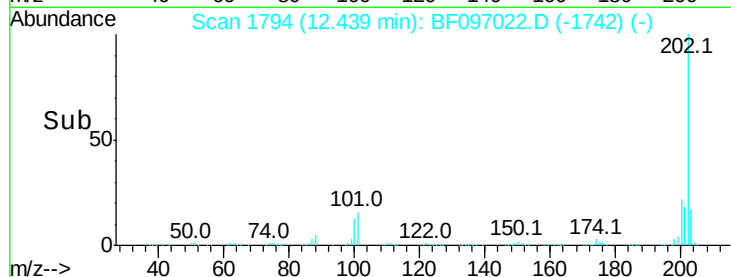
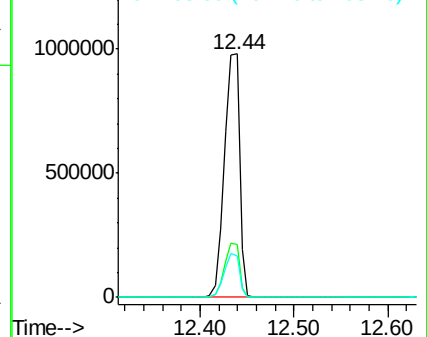
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.948 ng

RT: 12.59 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

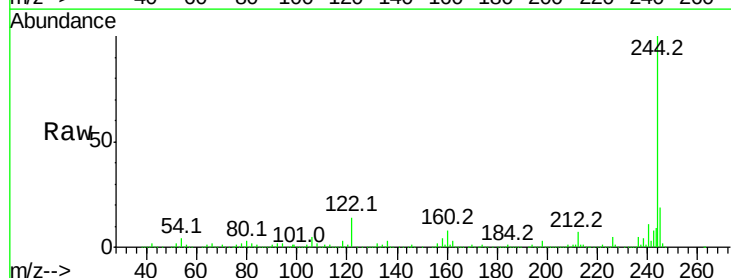
Tgt Ion:244 Resp: 1212938

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

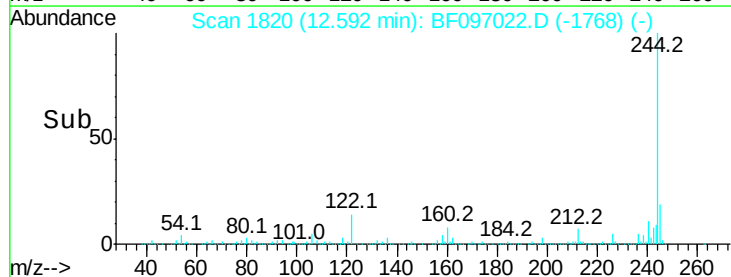
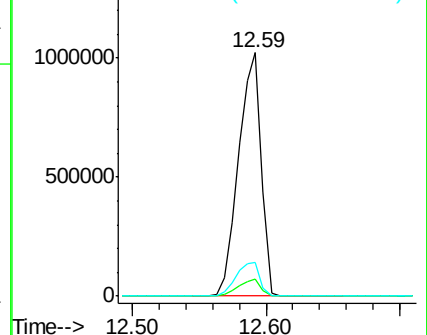
122 14.0 10.3 15.5

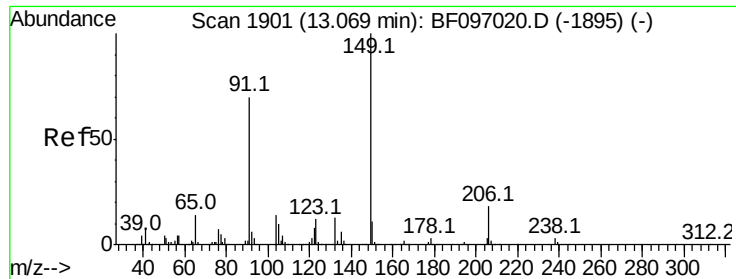


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





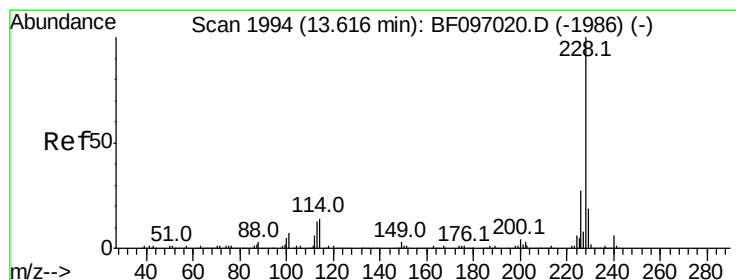
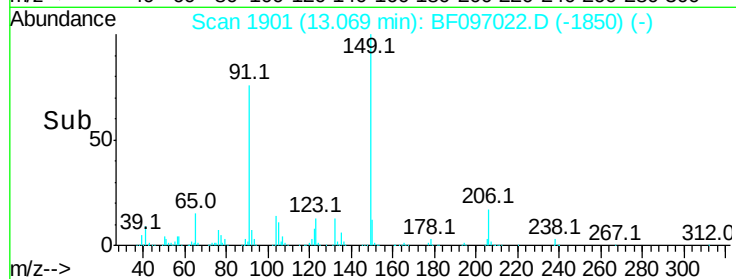
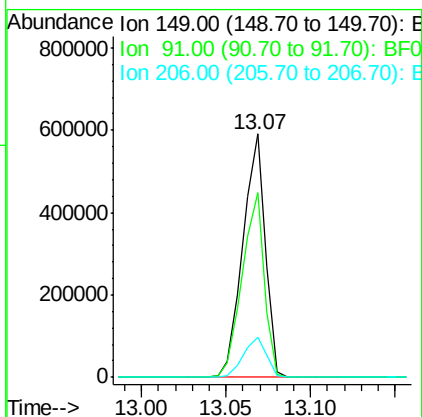
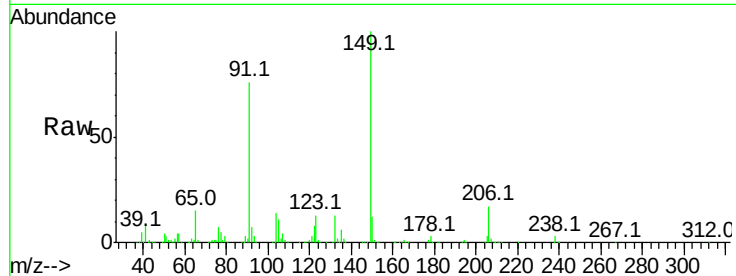
#79
Butylbenzylphthalate
Concen: 58.683 ng
RT: 13.07 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.6	45.0	67.4#	
206	16.7	17.0	25.6#	

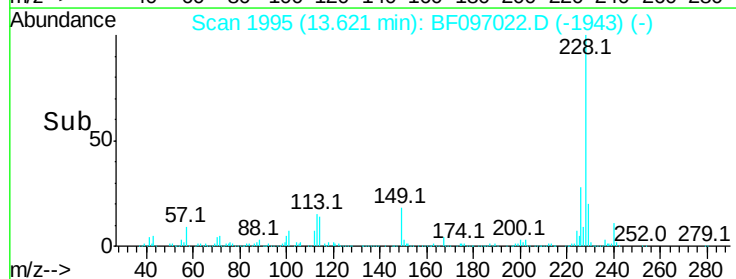
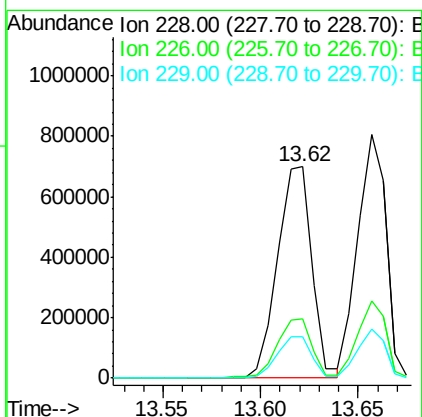
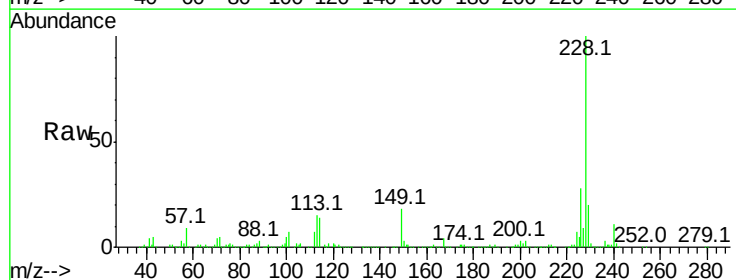
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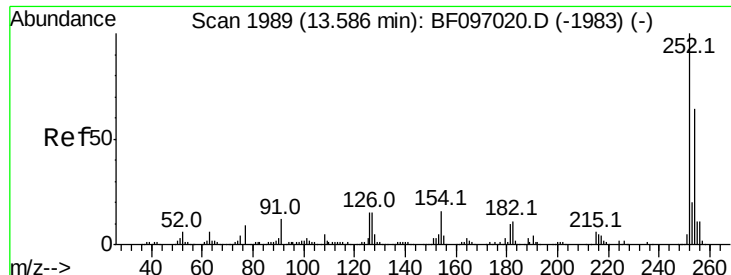
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#80
Benzo(a)anthracene
Concen: 63.246 ng
RT: 13.62 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.2	22.6	33.8	
229	19.8	16.3	24.5	





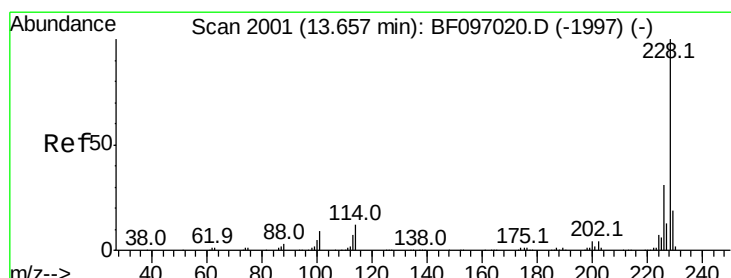
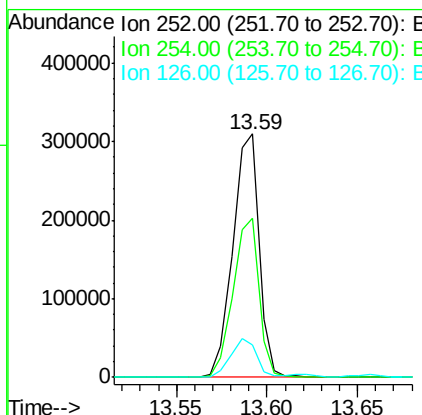
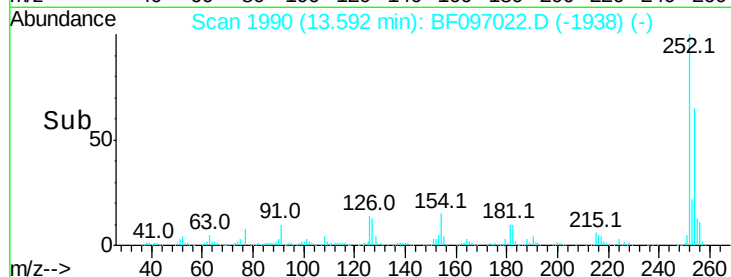
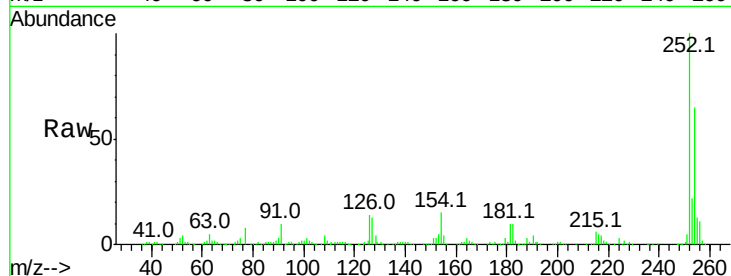
#81
 3,3'-Dichlorobenzidine
 Concen: 64.417 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	51.5	77.3
126	13.5	15.8	23.8

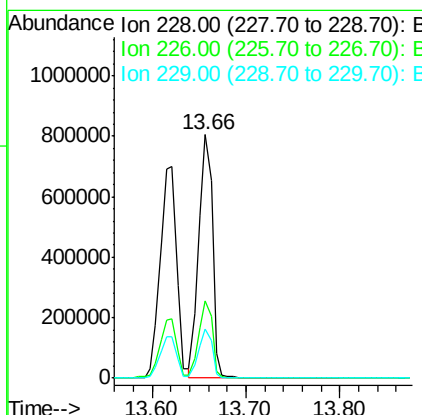
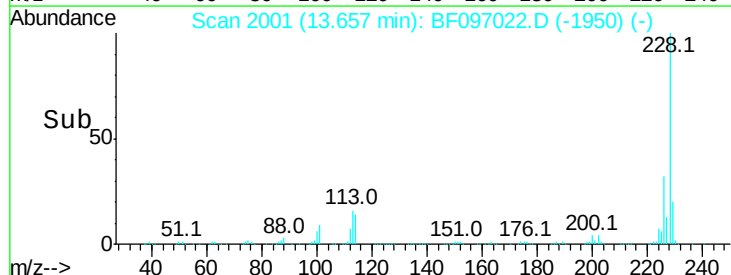
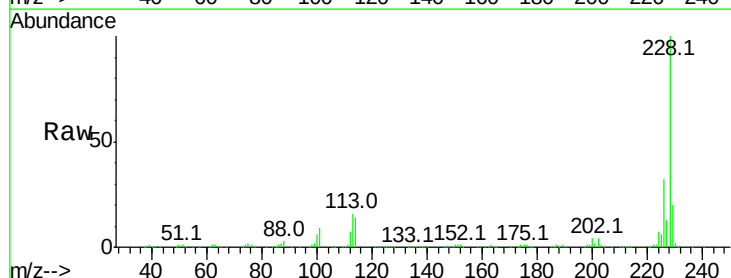
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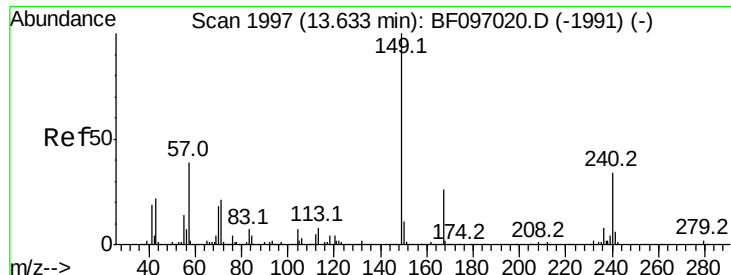
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#82
 Chrysene
 Concen: 61.709 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.1	15.8	23.6





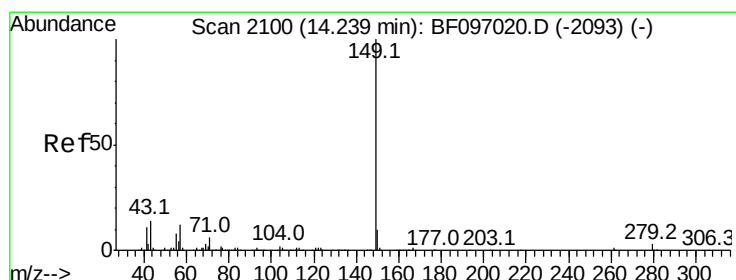
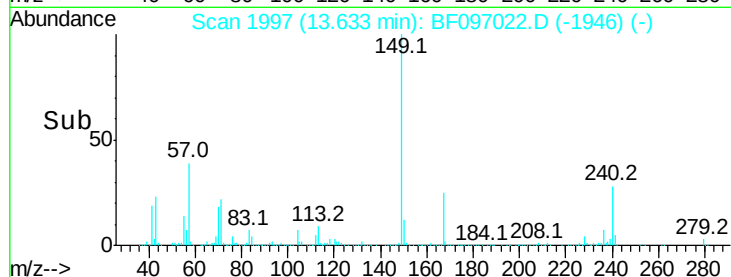
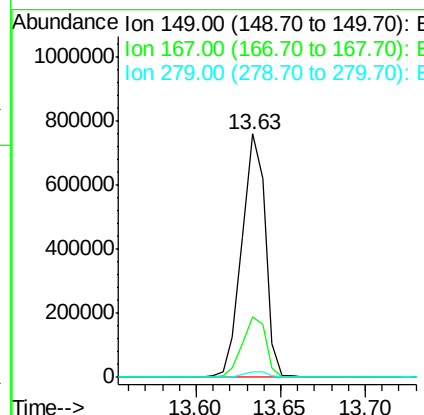
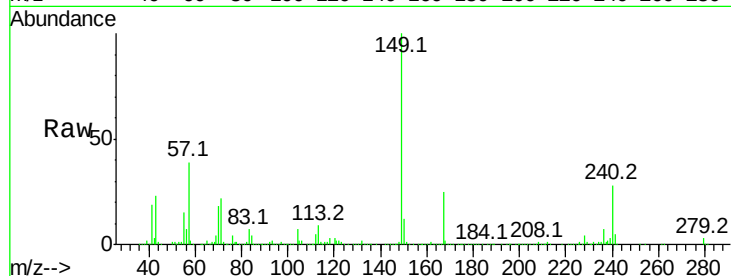
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.370 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.6	21.0	31.4	
279	2.5	1.9	2.9	

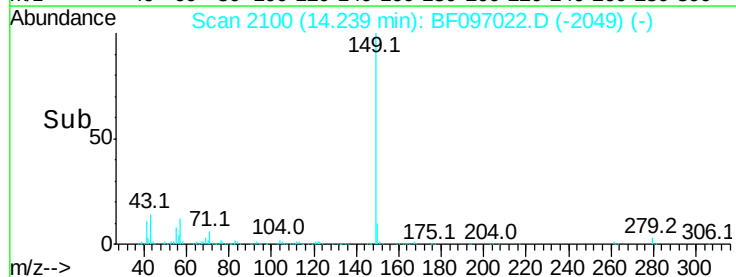
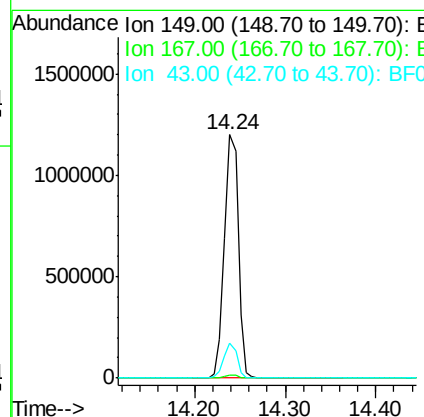
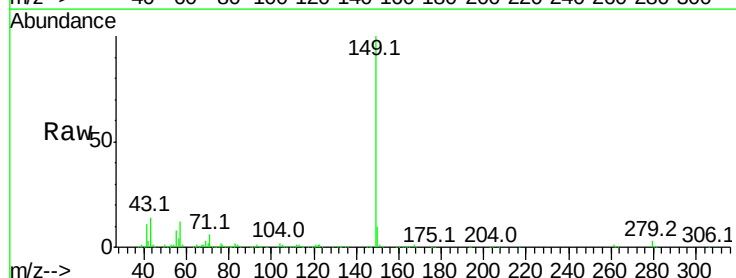
Manual Integrations
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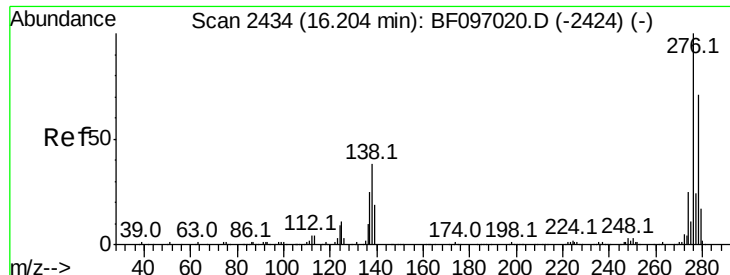
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 67.120 ng
 RT: 14.24 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	13.6	8.5	12.7	





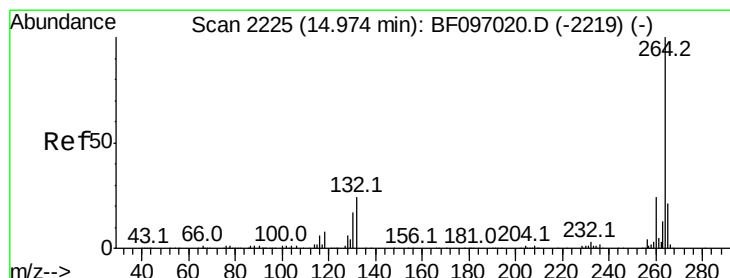
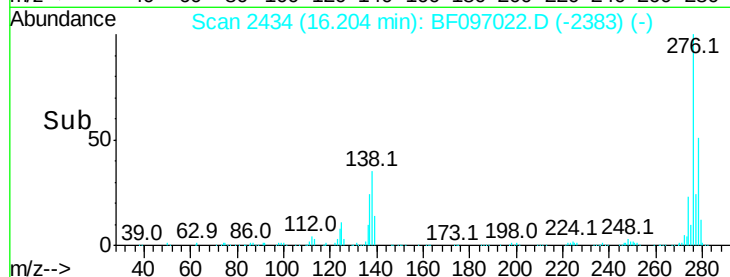
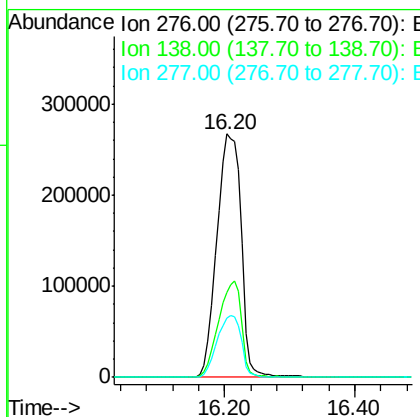
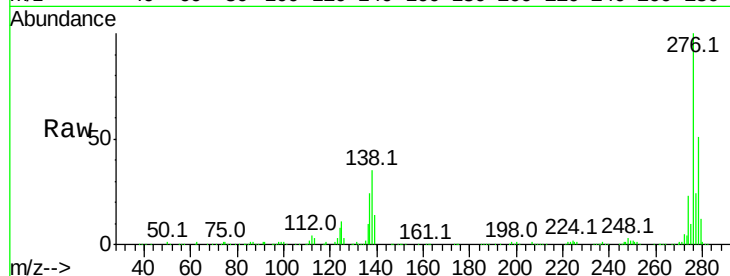
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.332 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.2	27.8	41.6
277	25.1	20.2	30.4

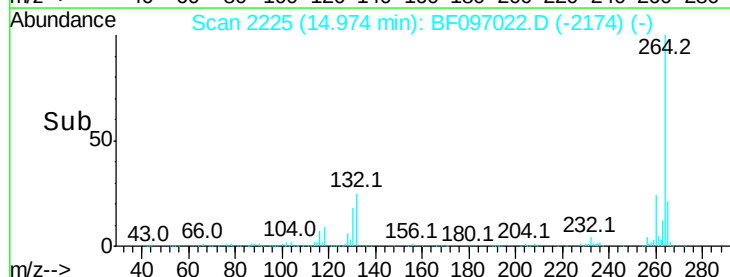
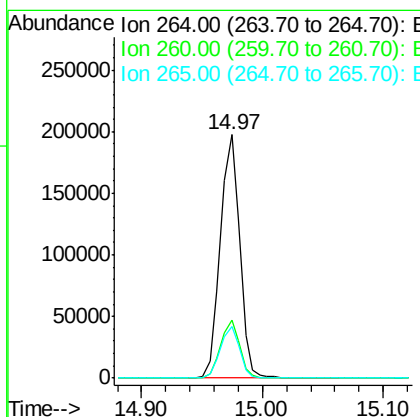
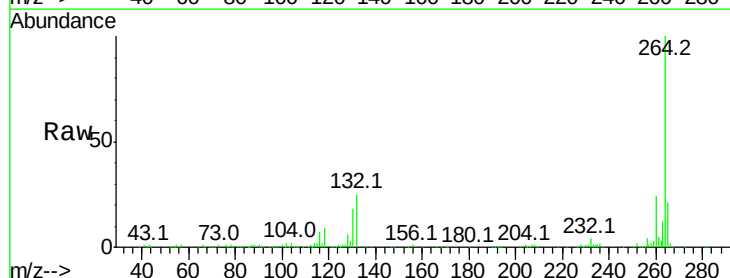
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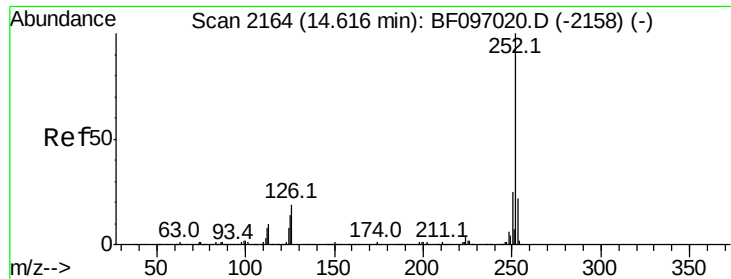
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 54.497 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Instrument :

BNA_F

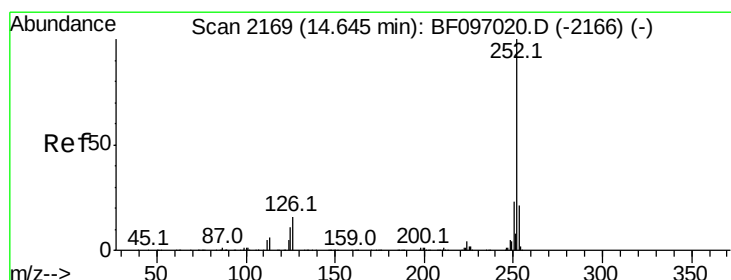
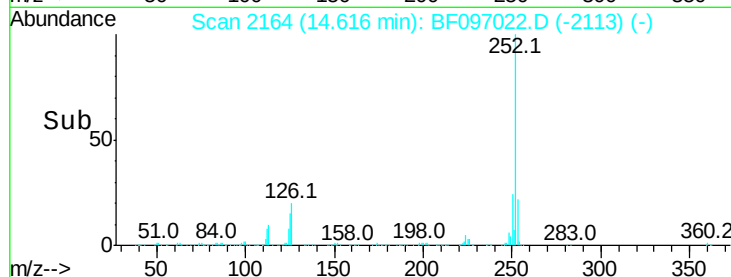
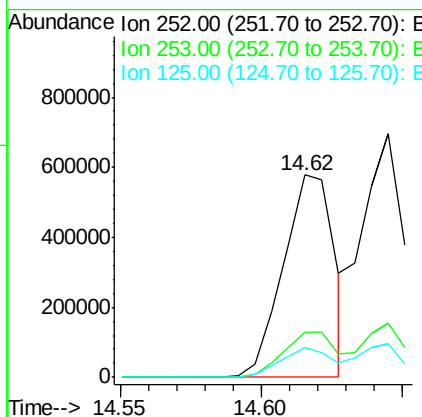
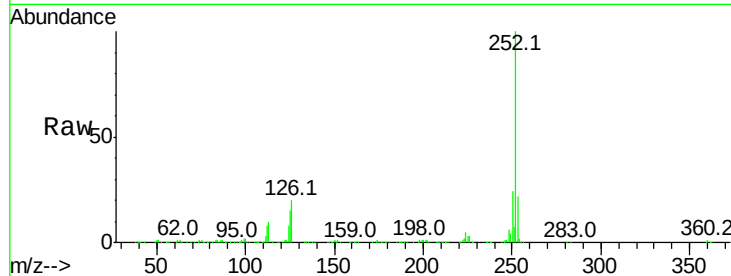
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.6	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 57.313 ng

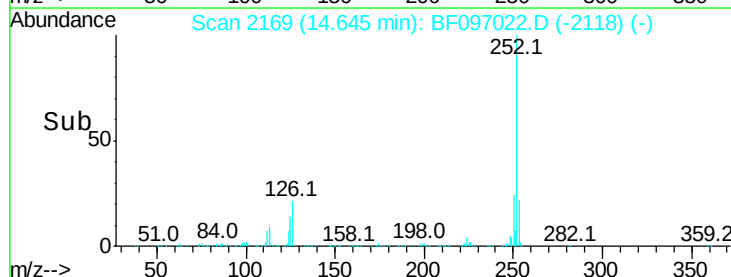
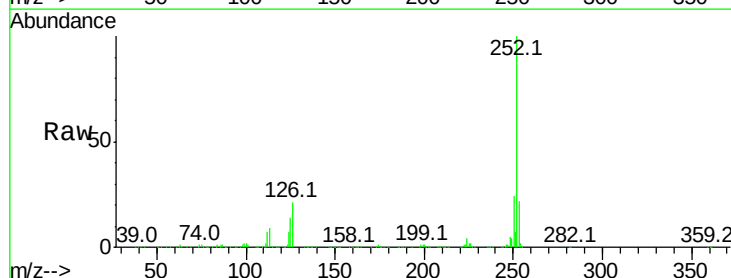
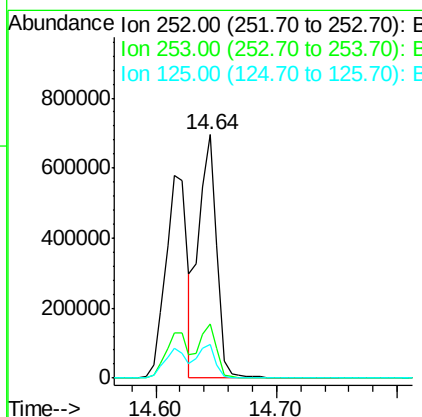
RT: 14.64 min Scan# 2169

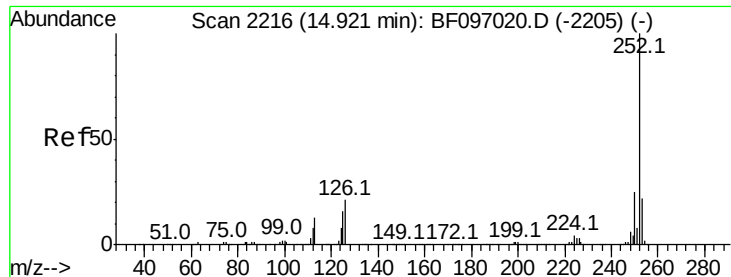
Delta R.T. 0.00 min

Lab File: BF097022.D

Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.9	13.1	19.7





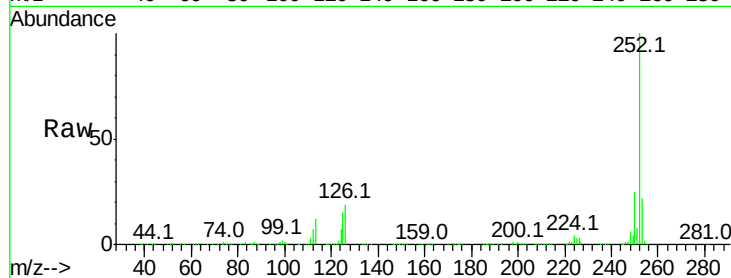
#89
Benzo(a)pyrene
Concen: 55.771 ng
RT: 14.93 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

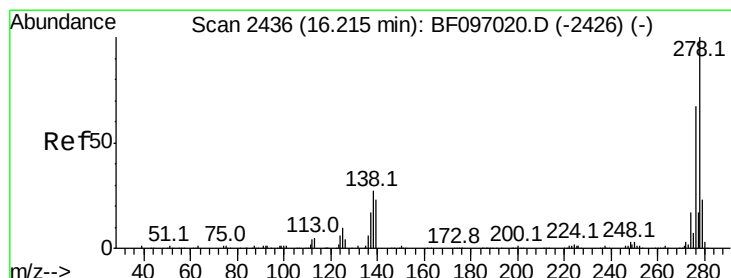
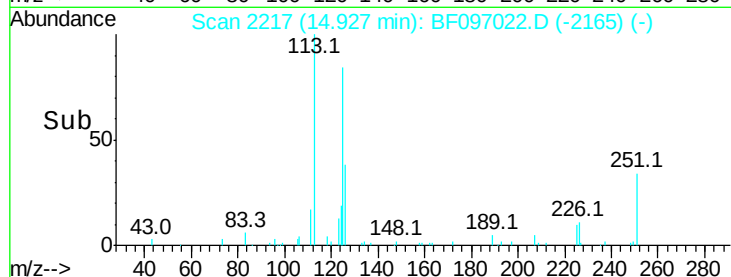
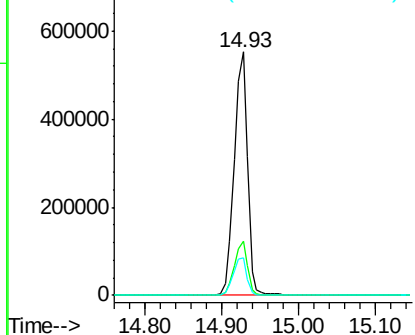
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.2	11.0	16.4

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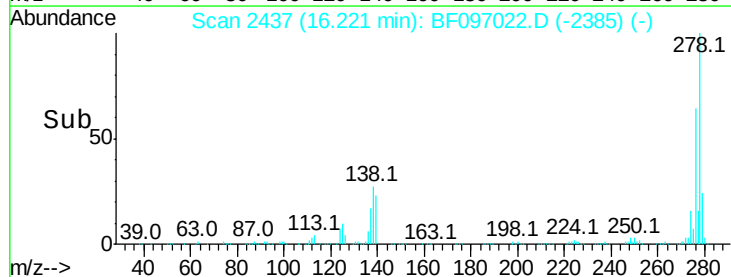
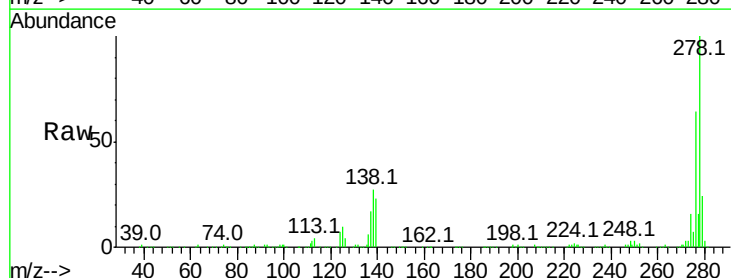
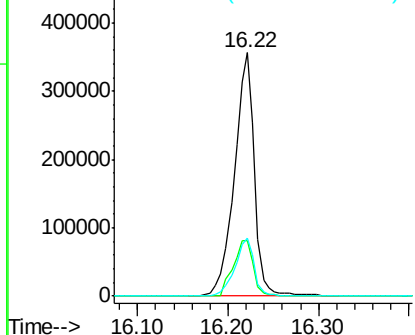
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

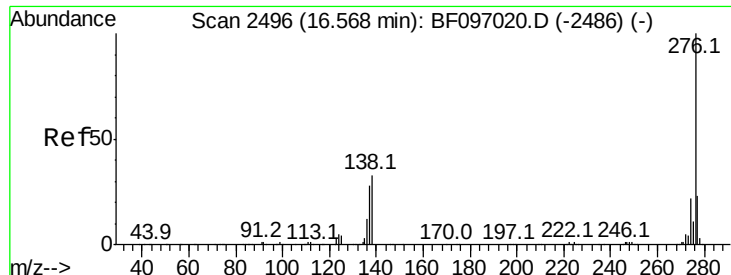


#90
Dibenzo(a,h)anthracene
Concen: 49.231 ng
RT: 16.22 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BF097022.D
Acq: 25 Jul 2017 12:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	24.1	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 50.560 ng
 RT: 16.57 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BF097022.D
 Acq: 25 Jul 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	276	Resp:	605837
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.6	28.0
138	33.8	25.4	38.0

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