

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097358.D
 Acq On : 4 Aug 2017 16:19
 Operator : SJ/JU
 Sample : I4542-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Manual Integrations
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 8/7/2017 6:09:30 PM

Quant Time: Aug 04 17:15:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	80488	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	338625	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	150953	20.00	ng	0.00
63) Phenanthrene-d10	10.93	188	247690	20.00	ng	0.00
75) Chrysene-d12	13.56	240	160016	20.00	ng	0.00
86) Perylene-d12	14.89	264	143622	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	786203	147.25	ng	0.03
7) Phenol-d6	6.12	99	883331	144.92	ng	0.00
23) Nitrobenzene-d5	7.01	82	634798	109.97	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	200049	167.73	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	1033510	116.19	ng	0.00
78) Terphenyl-d14	12.52	244	828865	105.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	102796	46.136	ng	# 67
3) Pyridine	2.72	79	259896m	38.093	ng	
4) n-Nitrosodimethylamine	2.62	42	179246	47.423	ng	# 78
6) Aniline	6.11	93	220418	28.737	ng	# 77
8) 2-Chlorophenol	6.23	128	281546	49.315	ng	93
9) Benzaldehyde	5.99	77	106040	29.391	ng	96
10) Phenol	6.13	94	339018	46.891	ng	98
11) bis(2-Chloroethyl)ether	6.19	93	323513	56.575	ng	90
12) 1,3-Dichlorobenzene	6.38	146	282127	45.855	ng	99
13) 1,4-Dichlorobenzene	6.46	146	316340	51.882	ng	94
14) 1,2-Dichlorobenzene	6.61	146	263004	49.402	ng	97
15) Benzyl Alcohol	6.60	79	246258	63.812	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	557473	48.606	ng	56
17) 2-Methylphenol	6.73	107	227080	51.536	ng	# 87
18) Hexachloroethane	6.95	117	104976	47.061	ng	# 81
19) n-Nitroso-di-n-propylamine	6.87	70	211488	52.712	ng	# 80
20) 3+4-Methylphenols	6.89	107	319858	55.581	ng	# 61
22) Acetophenone	6.86	105	402066	49.443	ng	# 96
24) Nitrobenzene	7.03	77	327647	54.502	ng	96
25) Isophorone	7.27	82	552142	48.844	ng	97
26) 2-Nitrophenol	7.35	139	183310	56.361	ng	# 88
27) 2,4-Dimethylphenol	7.41	122	282890	52.727	ng	97
28) bis(2-Chloroethoxy)methane	7.49	93	381750	51.749	ng	98
29) 2,4-Dichlorophenol	7.60	162	259092	56.056	ng	97
30) 1,2,4-Trichlorobenzene	7.67	180	218414	49.577	ng	98
31) Naphthalene	7.75	128	876732	54.925	ng	99
32) Benzoic acid	7.58	122	187951	46.914	ng	91
33) 4-Chloroaniline	7.82	127	141103	21.725	ng	96
34) Hexachlorobutadiene	7.86	225	114666	49.095	ng	100
35) Caprolactam	8.19	113	76549m	51.650	ng	
36) 4-Chloro-3-methylphenol	8.32	107	281418	55.809	ng	# 86
37) 2-Methylnaphthalene	8.43	142	592277	58.603	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	202898	50.374	ng	99
40) Hexachlorocyclopentadiene	8.59	237	112160	79.663	ng	99

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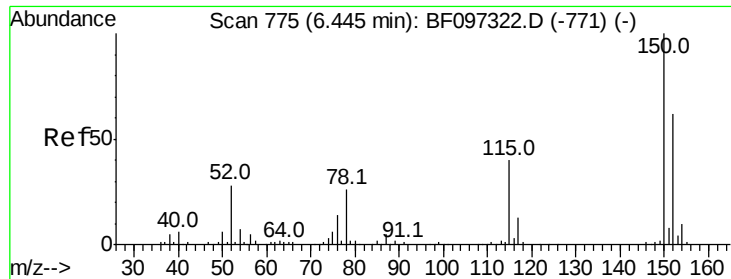
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	150532	51.572	nq	98
43) 2,4,5-Trichlorophenol	8.77	196	146584	50.174	nq	99
45) 1,1'-Biphenyl	8.90	154	666677	51.707	nq	98
46) 2-Chloronaphthalene	8.92	162	514539	54.230	nq	# 93
47) 2-Nitroaniline	9.03	65	189721	55.097	nq	96
48) Acenaphthylene	9.33	152	790686	54.292	nq	99
49) Dimethylphthalate	9.21	163	659100	57.497	nq	98
50) 2,6-Dinitrotoluene	9.27	165	138581	57.000	nq	# 88
51) Acenaphthene	9.50	154	484648	56.496	nq	98
52) 3-Nitroaniline	9.44	138	96383	31.939	nq	95
53) 2,4-Dinitrophenol	9.56	184	135501	122.577	nq	# 75
54) Dibenzofuran	9.67	168	715528	62.621	nq	94
55) 4-Nitrophenol	9.64	139	146743	81.768	nq	# 65
56) 2,4-Dinitrotoluene	9.68	165	182108	65.157	nq	# 74
57) Fluorene	10.01	166	541344	63.035	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	124012	61.477	nq	99
59) Diethylphthalate	9.90	149	618924	58.852	nq	99
60) 4-Chlorophenyl-phenylether	10.00	204	217468	61.322	nq	99
61) 4-Nitroaniline	10.06	138	158695	55.344	nq	92
62) Azobenzene	10.17	77	617571	63.300	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	100506	65.301	nq	89
65) n-Nitrosodiphenylamine	10.13	169	505972	58.710	nq	98
66) 4-Bromophenyl-phenylether	10.49	248	138284	55.943	nq	96
67) Hexachlorobenzene	10.56	284	141802	51.156	nq	# 94
68) Atrazine	10.67	200	127706	51.676	nq	95
69) Pentachlorophenol	10.76	266	120036	104.660	nq	99
70) Phenanthrene	10.96	178	765193	57.658	nq	99
71) Anthracene	11.02	178	781092	57.464	nq	99
72) Carbazole	11.17	167	814076	60.897	nq	99
73) Di-n-butylphthalate	11.52	149	937558	56.737	nq	99
74) Fluoranthene	12.14	202	815405	62.717	nq	99
76) Benzidine	12.27	184	33492	5.641	nq	99
77) Pyrene	12.36	202	798805	60.978	nq	99
79) Butylbenzylphthalate	12.99	149	419622	62.972	nq	# 77
80) Benzo(a)anthracene	13.54	228	594511	57.420	nq	99
81) 3,3'-Dichlorobenzidine	13.52	252	163522	41.881	nq	# 97
82) Chrysene	13.59	228	599958	59.343	nq	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	476422	54.759	nq	98
84) Di-n-octyl phthalate	14.16	149	855078	53.555	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.10	276	449936	51.901	nq	99
87) Benzo(b)fluoranthene	14.54	252	517051	59.889	nq	99
88) Benzo(k)fluoranthene	14.57	252	485467	59.010	nq	96
89) Benzo(a)pyrene	14.84	252	455815	57.687	nq	99
90) Dibenzo(a,h)anthracene	16.10	278	365140	56.352	nq	97
91) Benzo(g,h,i)perylene	16.44	276	401858	59.140	nq	99

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



#1

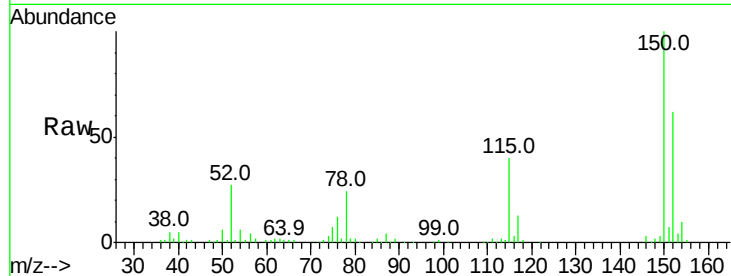
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

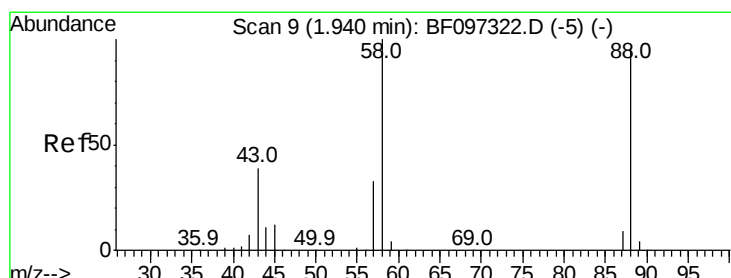
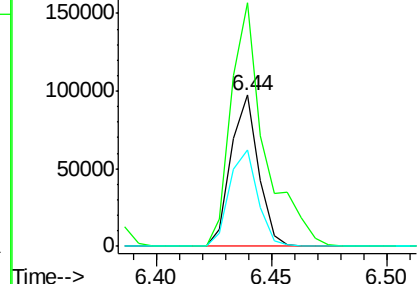
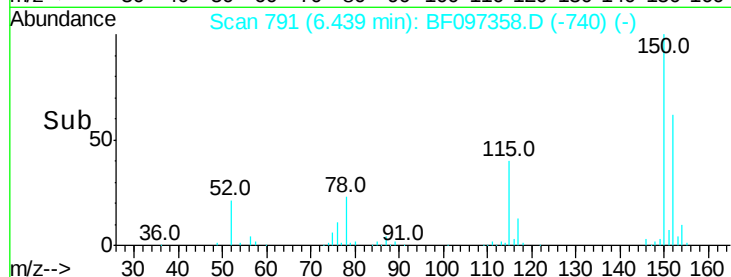
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.2
115	63.9	52.2	78.2

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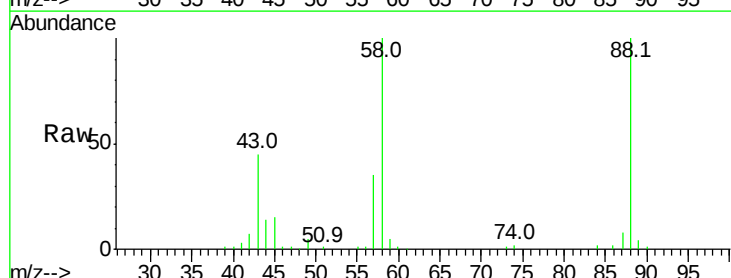
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



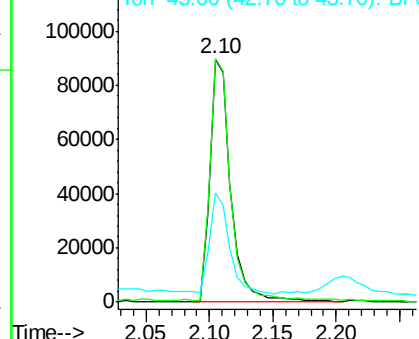
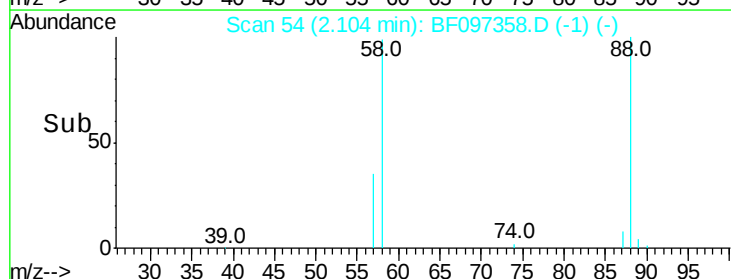
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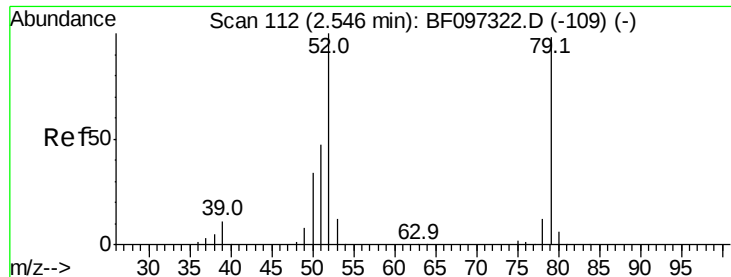
1,4-Dioxane
Concen: 46.136 ng
RT: 2.10 min Scan# 54
Delta R.T. 0.17 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	61.4	92.0#
43	0.0	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

Pvridine

Concen: 38.093 ng/ml

RT: 2.72 min Scan# 158

Delta R.T. 0.18 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

Tot Ion: 79 Resp: 259896

Ion Ratio Lower Upper

79 100

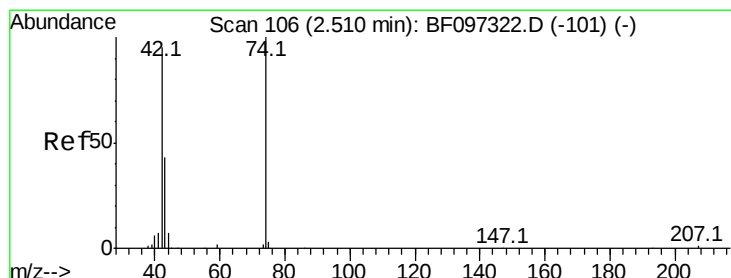
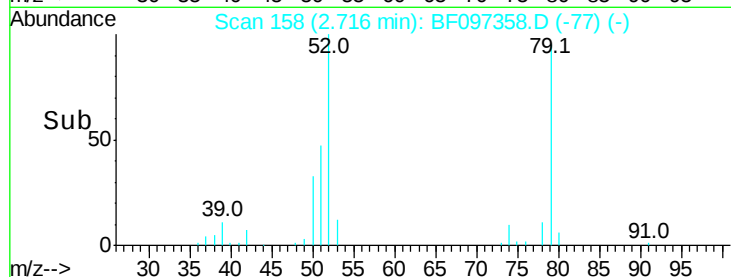
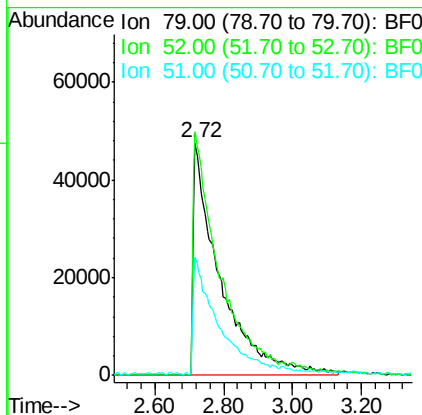
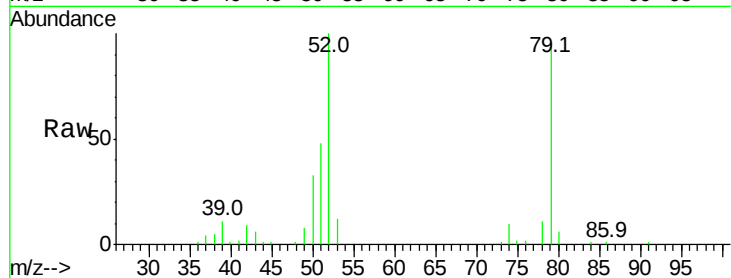
52 104.8 54.8 82.2#

51 50.7 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 47.423 ng/ml

RT: 2.62 min Scan# 142

Delta R.T. 0.12 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

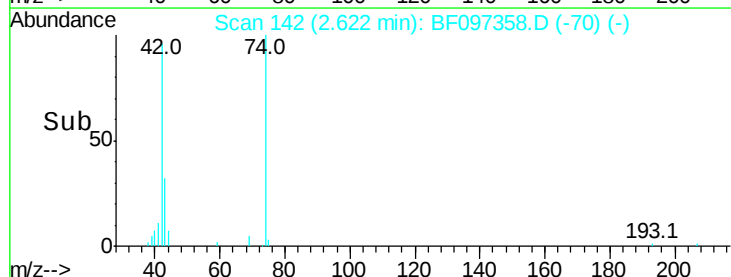
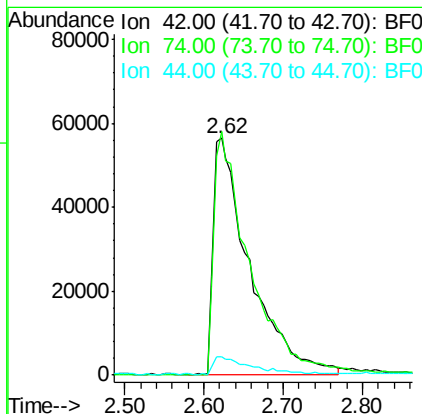
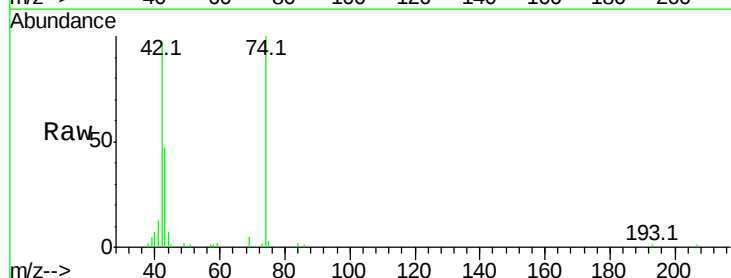
Tgt Ion: 42 Resp: 179246

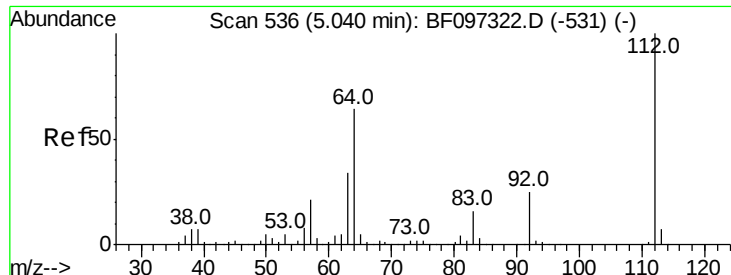
Ion Ratio Lower Upper

42 100

74 102.7 103.9 155.9#

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 147.251 ng

RT: 5.06 min Scan# 557

Delta R.T. 0.03 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

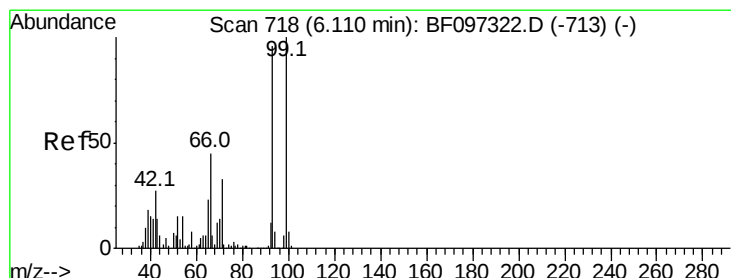
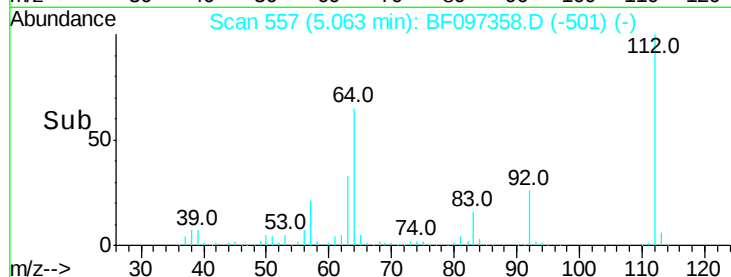
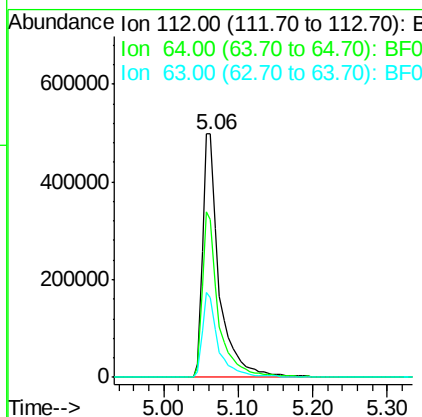
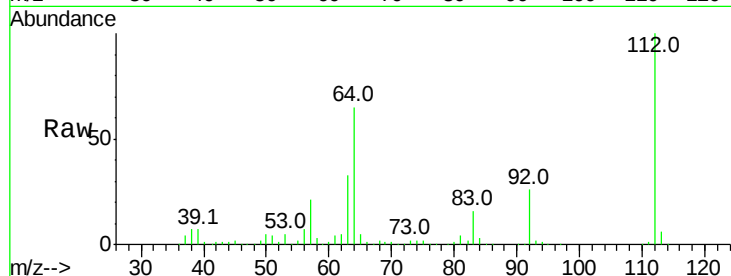
ClientSampleId :

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Tot Ion:	112	Resp:	786203
Ion Ratio	Lower	Upper	
112	100		
64	64.6	46.0	69.0
63	32.8	23.4	35.0

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#6

Aniline

Concen: 28.737 ng

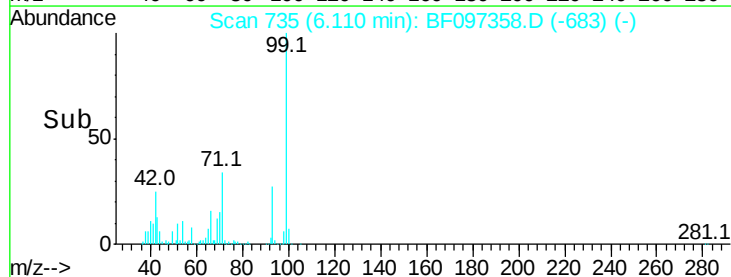
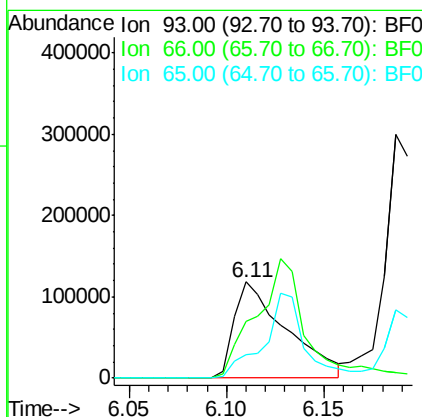
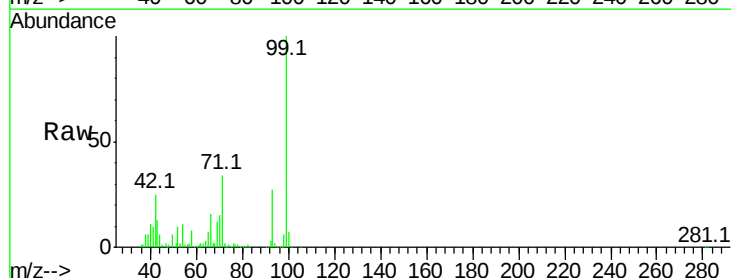
RT: 6.11 min Scan# 735

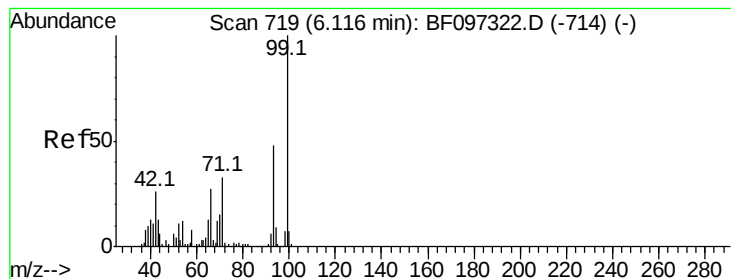
Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion:	93	Resp:	220418
Ion Ratio	Lower	Upper	
93	100		
66	59.7	32.9	49.3#
65	24.9	16.0	24.0#





#7

Phenol-d6

Concen: 144.919 ng

RT: 6.12 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

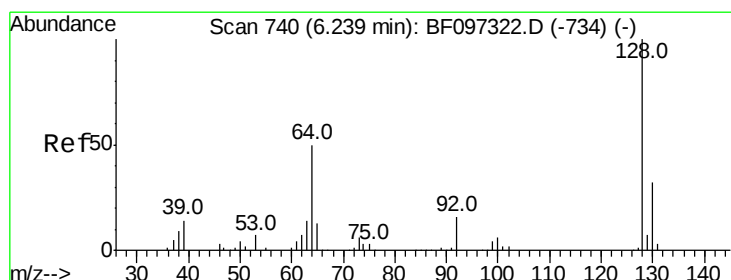
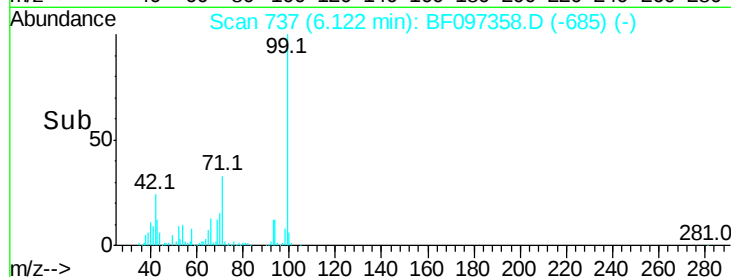
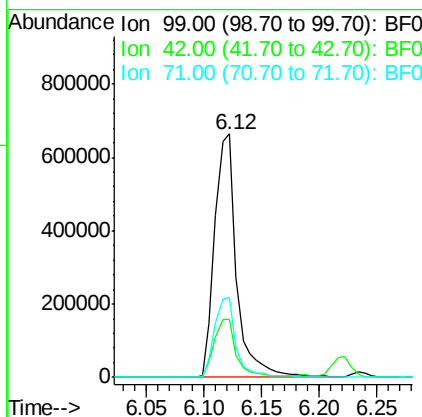
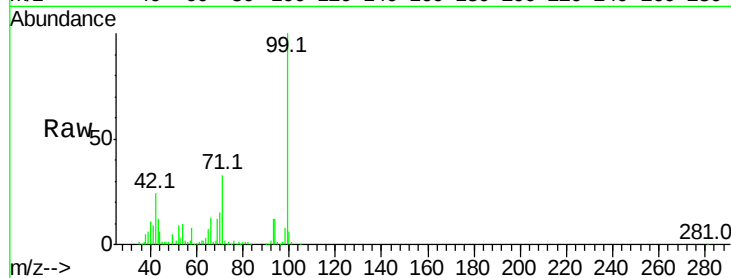
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Tot Ion:	99	Resp:	883331
Ion Ratio	Lower	Upper	
99	100		
42	23.6	13.5	20.3#
71	32.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 49.315 ng

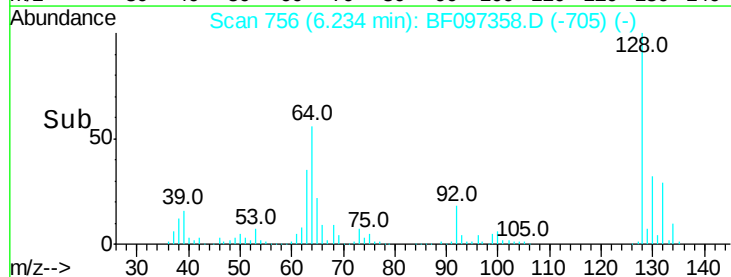
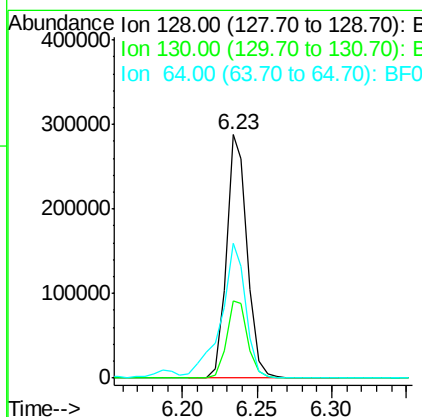
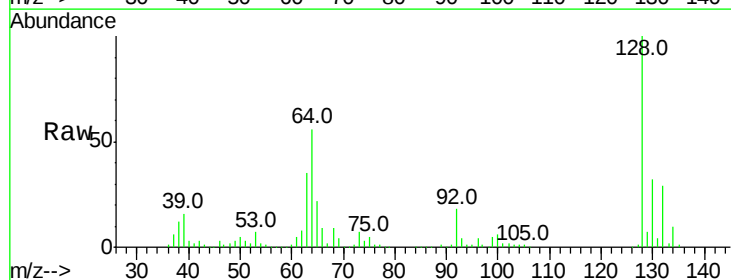
RT: 6.23 min Scan# 756

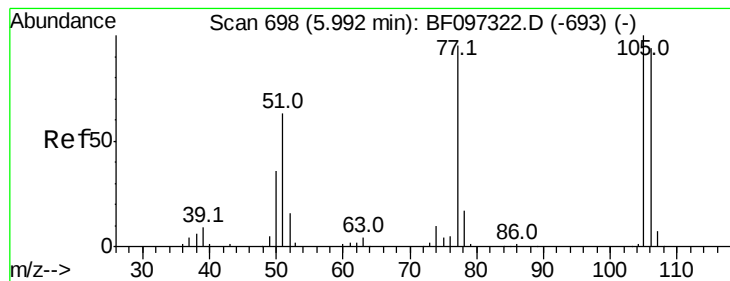
Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion:	128	Resp:	281546
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.9	52.9
64	55.6	28.4	68.4





#9

Benzaldehyde

Concen: 29.391 ng

RT: 5.99 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

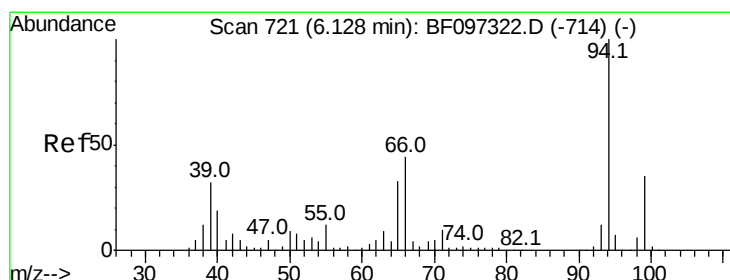
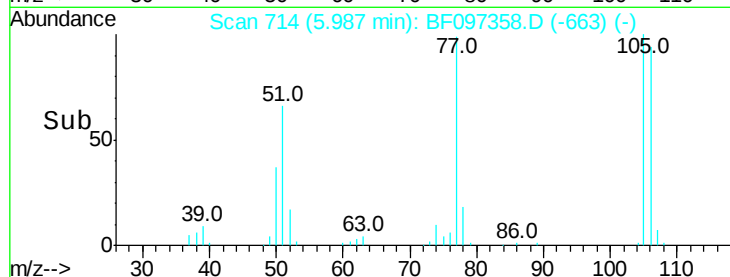
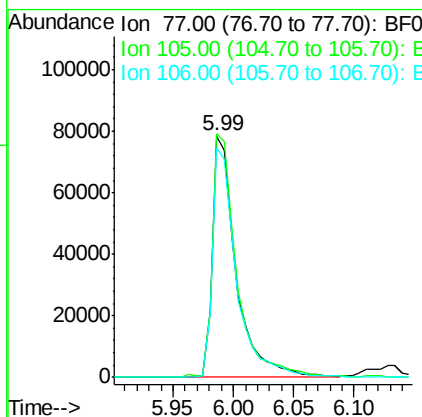
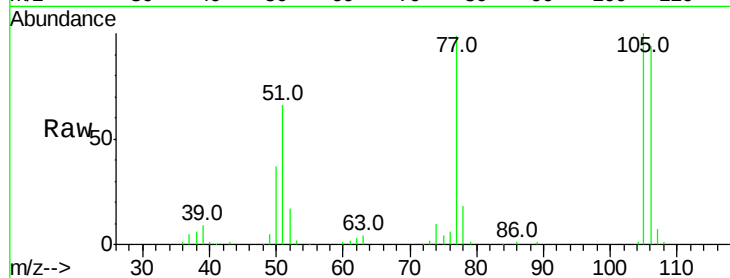
ClientSampled :

A4129MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	83.8	123.8
106	94.8	79.1	119.1

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#10

Phenol

Concen: 46.891 ng

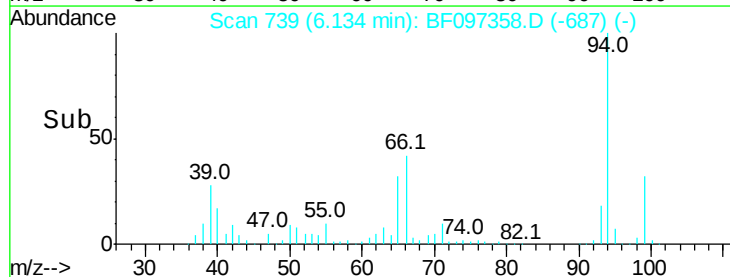
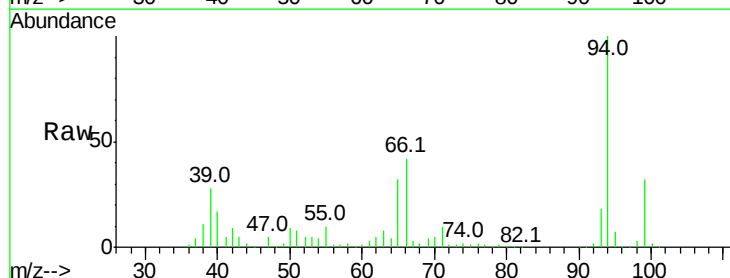
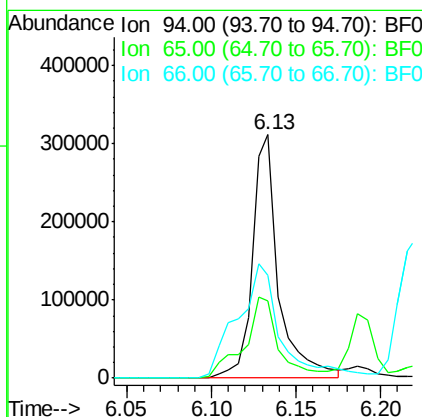
RT: 6.13 min Scan# 739

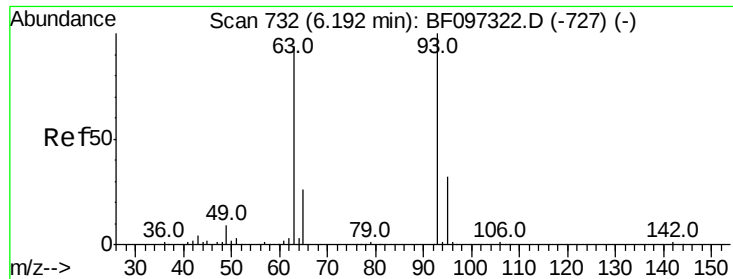
Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.9	49.9
66	42.3	23.1	63.1





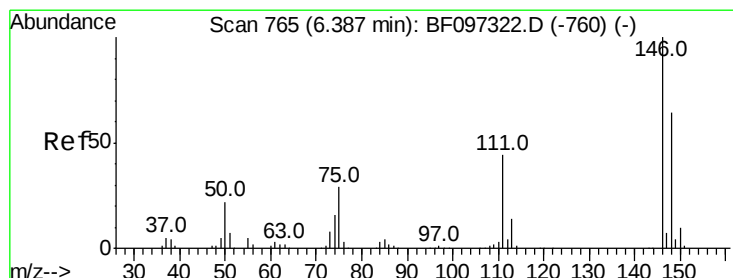
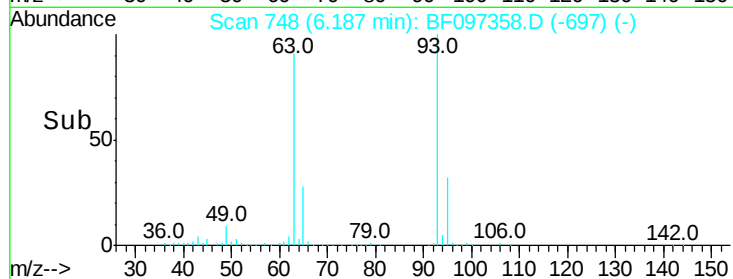
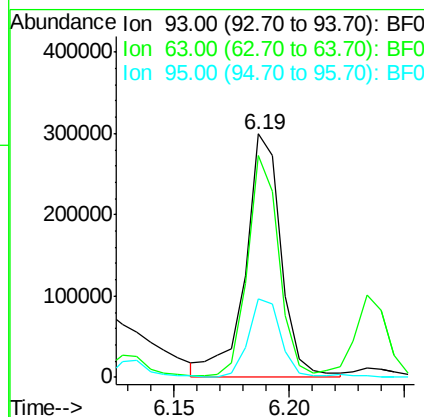
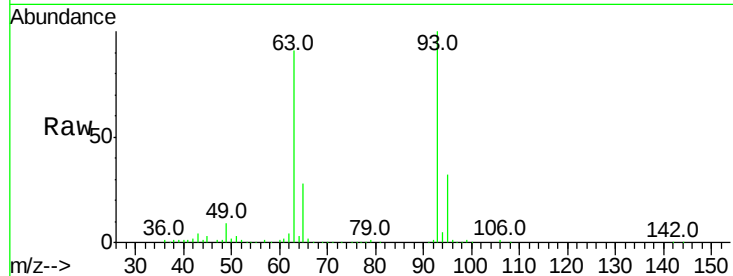
#11
bis(2-Chloroethyl)ether
Concen: 56.575 ng
RT: 6.19 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion:	93	Resp:	323513
Ion	Ratio	Lower	Upper
93	100		
63	91.3	59.2	99.2
95	32.2	12.8	52.8

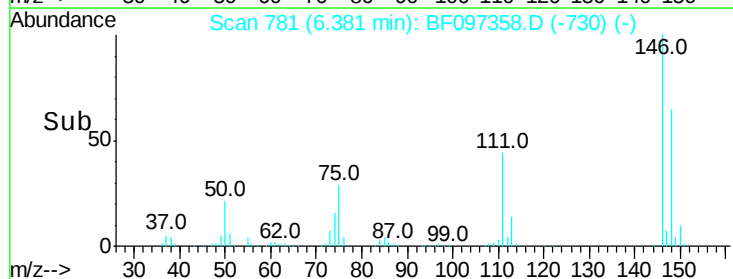
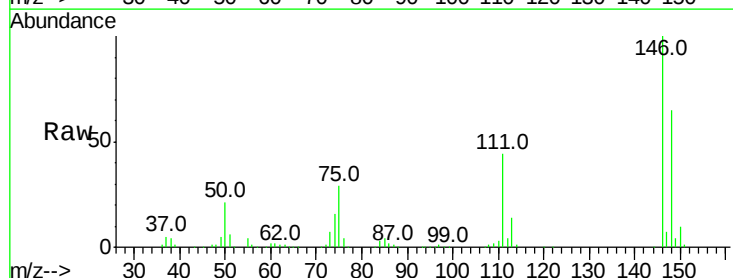
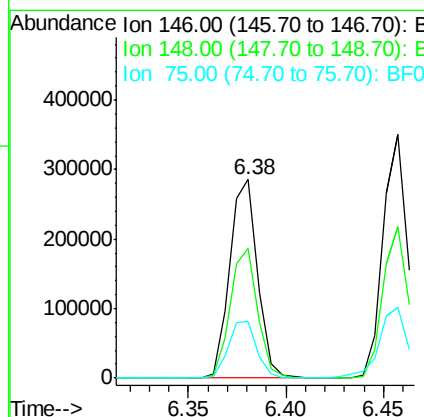
Manual Integrations
APPROVED

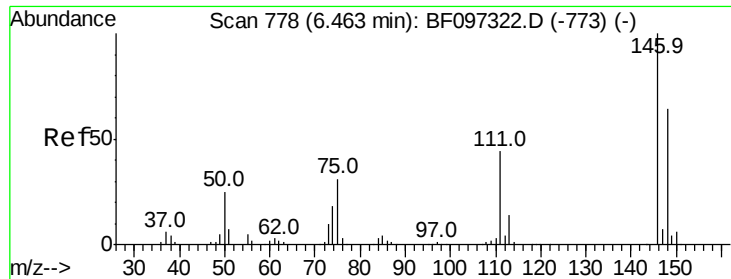
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#12
1,3-Dichlorobenzene
Concen: 45.855 ng
RT: 6.38 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:	146	Resp:	282127
Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.6
75	28.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 51.882 ng

RT: 6.46 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

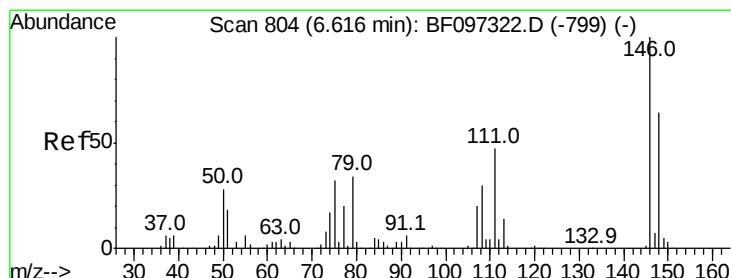
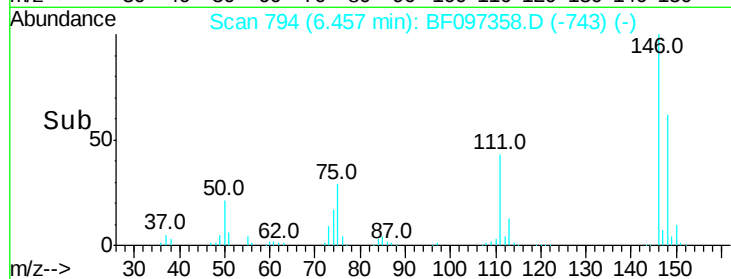
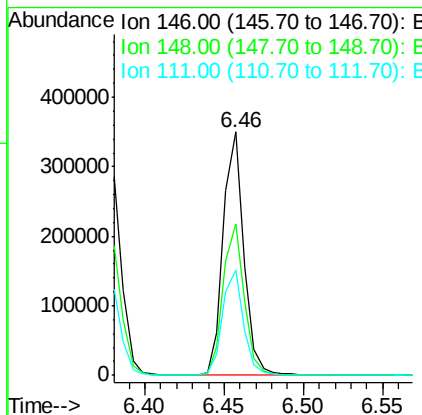
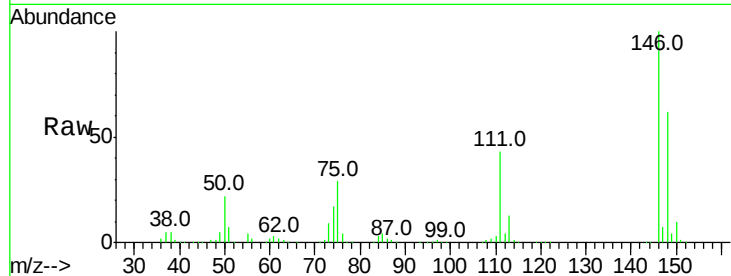
ClientSampled :

A4129MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.2	78.2
111	43.3	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 49.402 ng

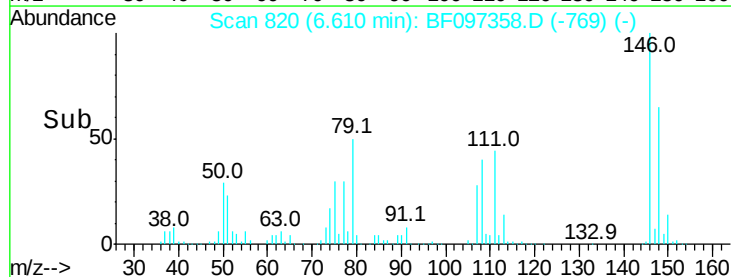
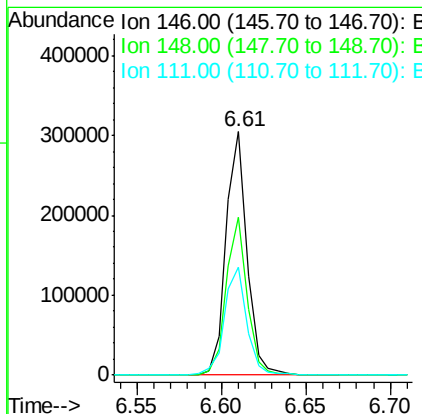
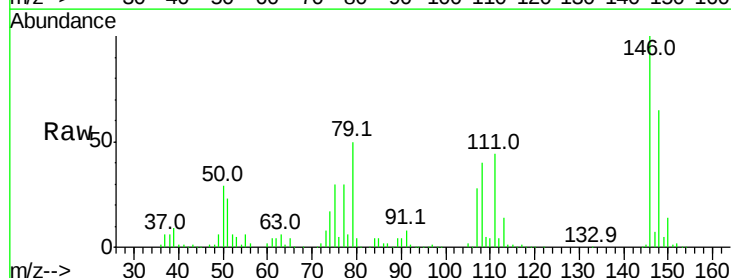
RT: 6.61 min Scan# 820

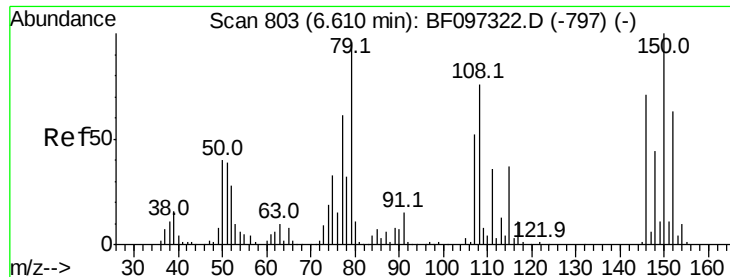
Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.4	75.6
111	44.5	38.2	57.4





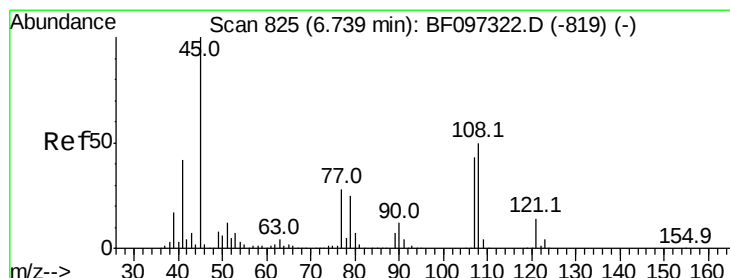
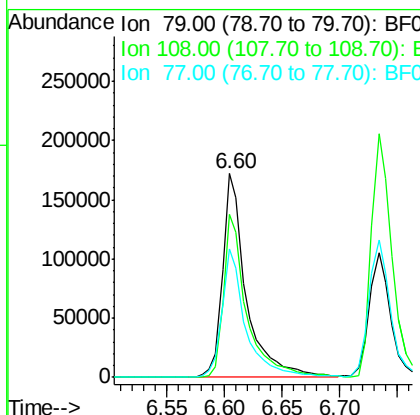
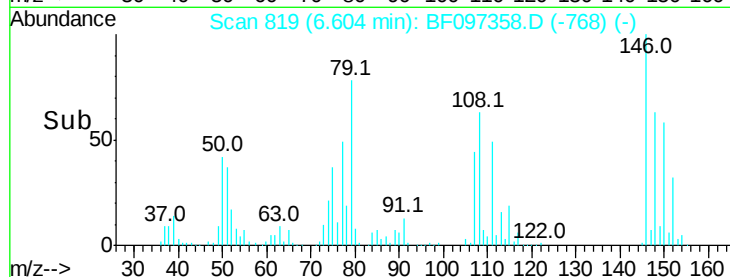
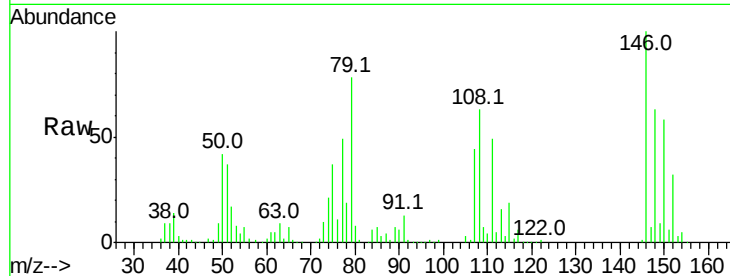
#15
Benzyl Alcohol
Concen: 63.812 ng
RT: 6.60 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampled :
A4129MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.4	95.0
77	63.0	49.2	73.8

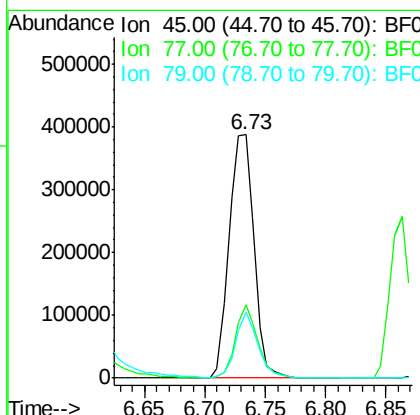
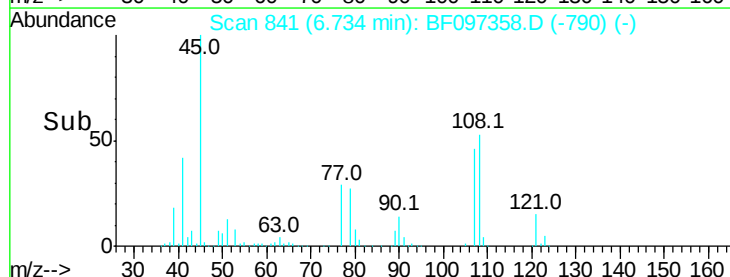
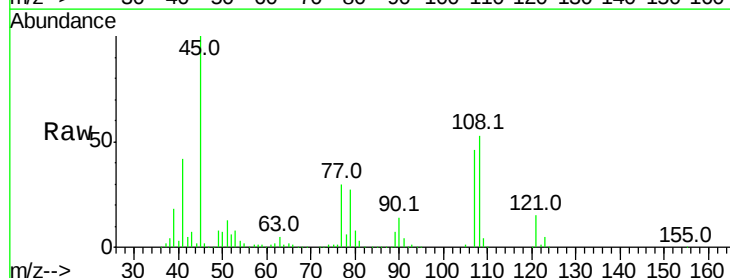
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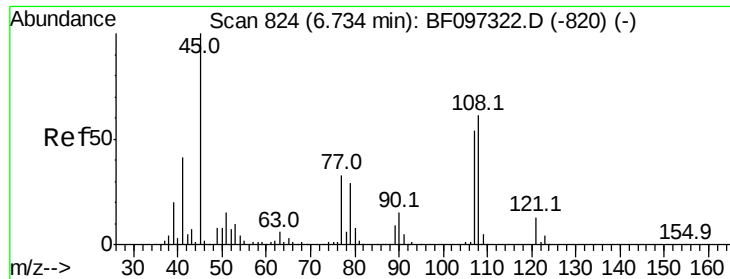
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#16
2,2'-oxybis(1-chloropropane)
Concen: 48.606 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.9	0.0	33.2
79	27.1	0.0	30.0





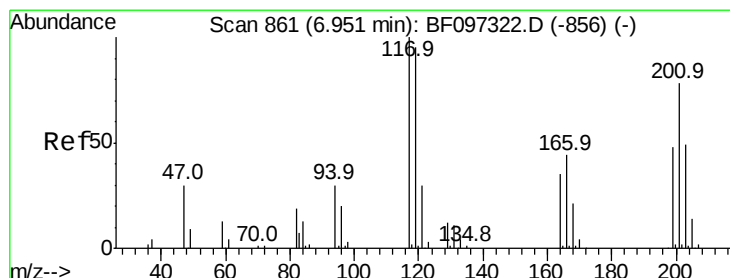
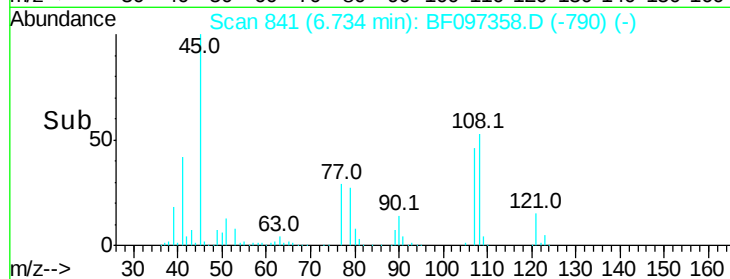
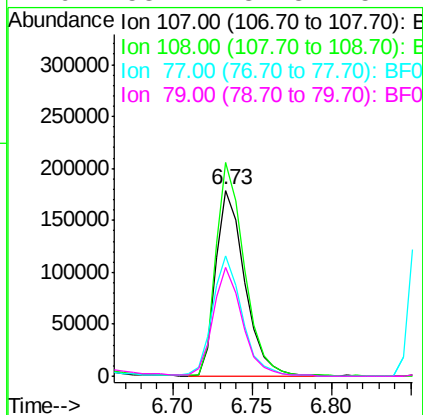
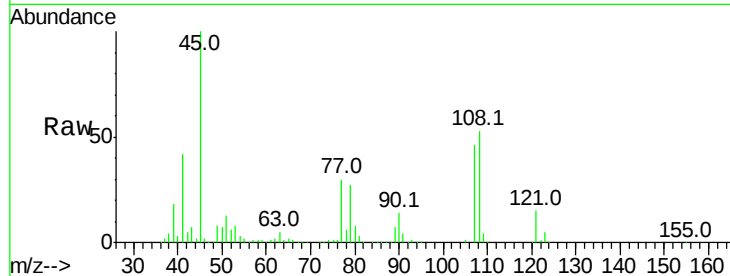
#17
2-Methylphenol
Concen: 51.536 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	227080		
108	114.7	93.4	140.0	
77	64.7	35.8	53.6#	
79	58.7	34.8	52.2#	

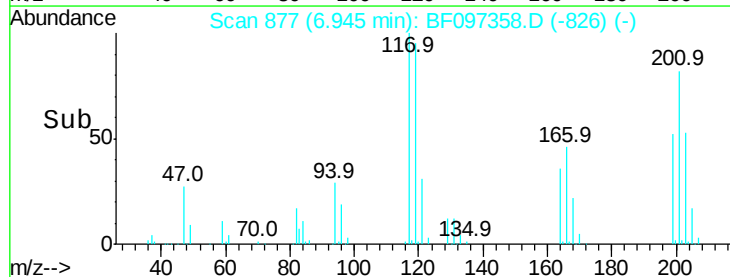
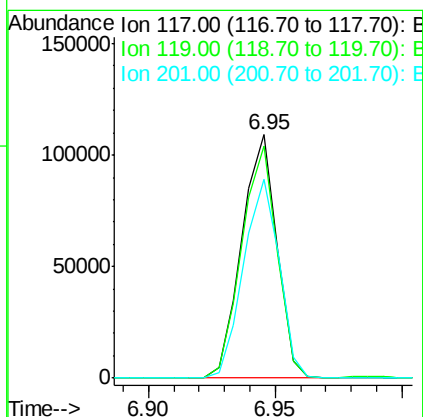
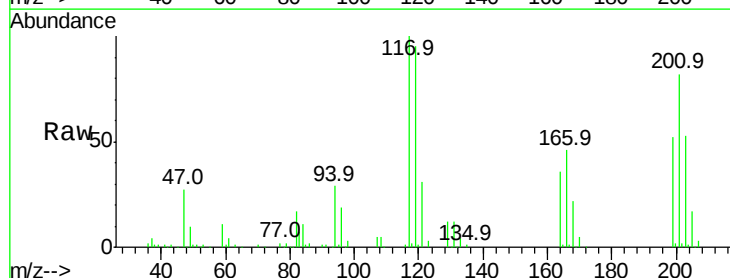
Manual Integrations
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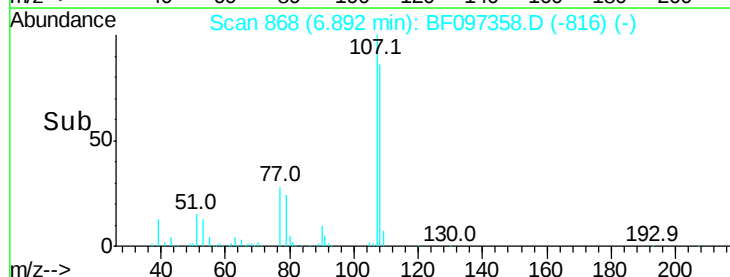
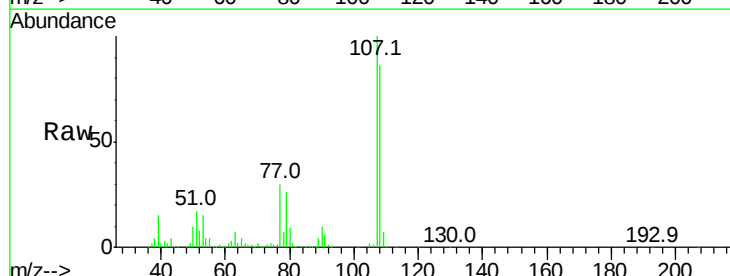
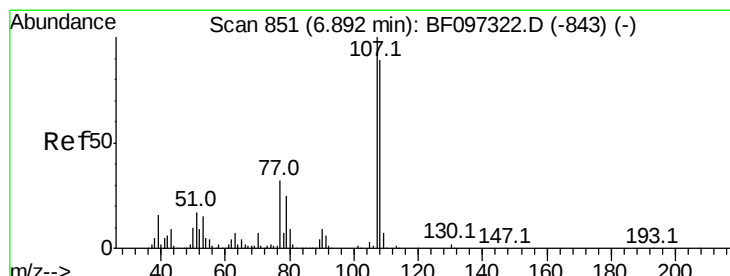
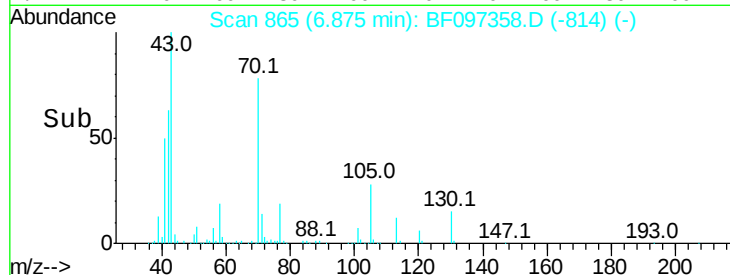
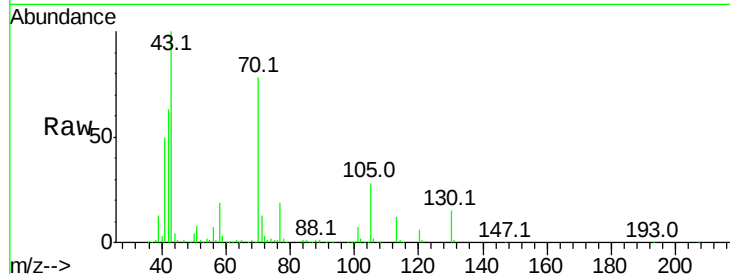
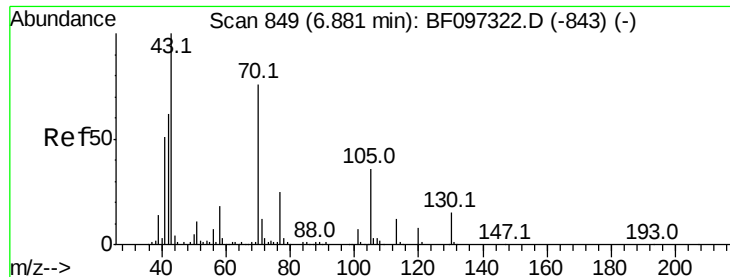
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#18
Hexachloroethane
Concen: 47.061 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104976		
119	95.3	77.4	116.0	
201	81.6	94.6	141.8#	





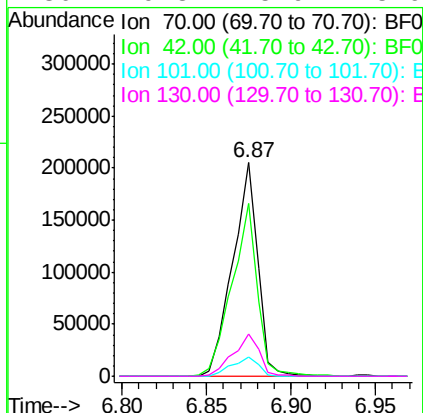
#19
n-Nitroso-di-n-propylamine
Concen: 52.712 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.1	47.2	70.8#
101	8.9	7.2	10.8
130	19.8	15.9	23.9

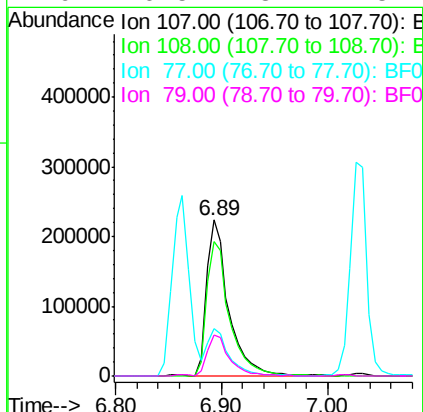
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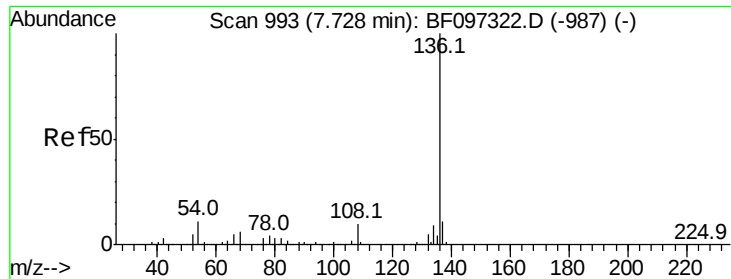
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#20
3+4-Methylphenols
Concen: 55.581 ng
RT: 6.89 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.0	111.0
77	30.4	90.5	130.5#
79	26.5	8.4	48.4





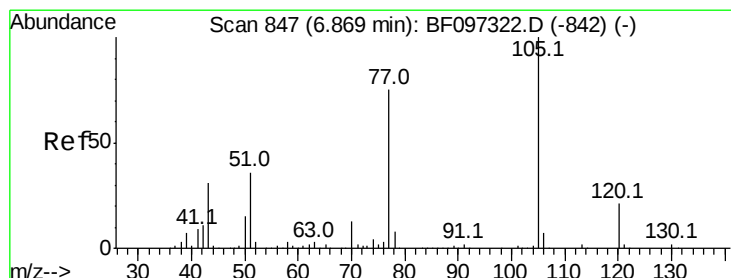
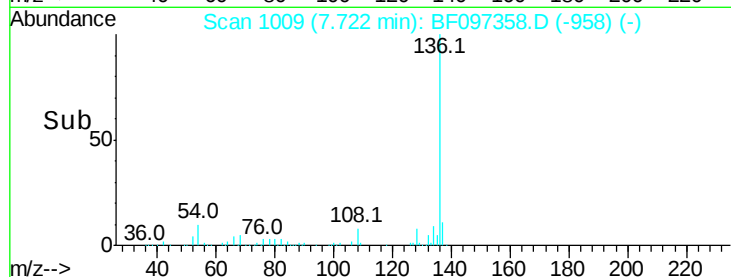
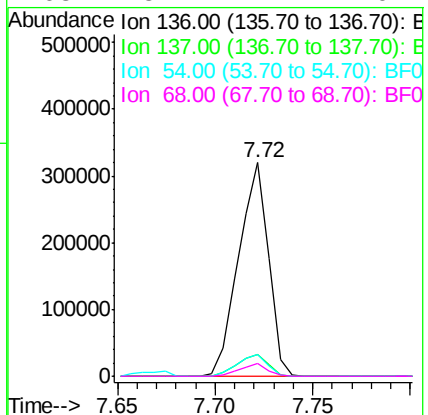
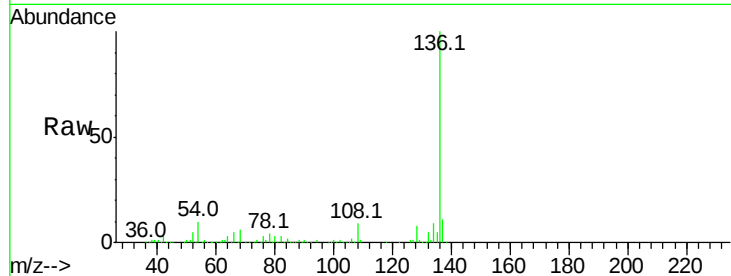
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleID :
A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.5	12.7	
54	10.2	4.9	7.3	
68	5.7	4.1	6.1	

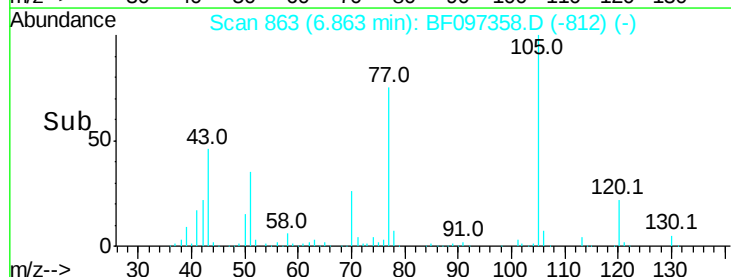
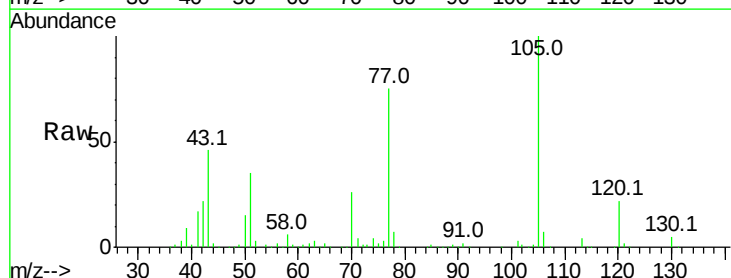
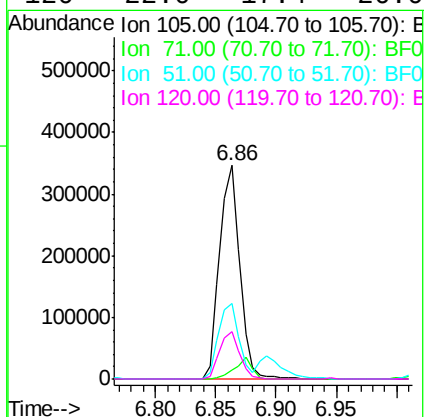
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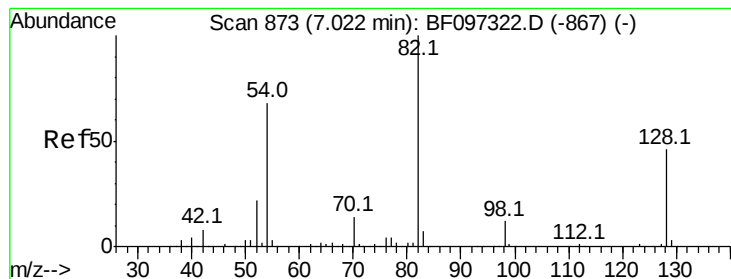
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#22
Acetophenone
Concen: 49.443 ng
RT: 6.86 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	2.8	4.2	
51	35.1	30.7	46.1	
120	22.0	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 109.974 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

Tot Ion: 82 Resp: 634798

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

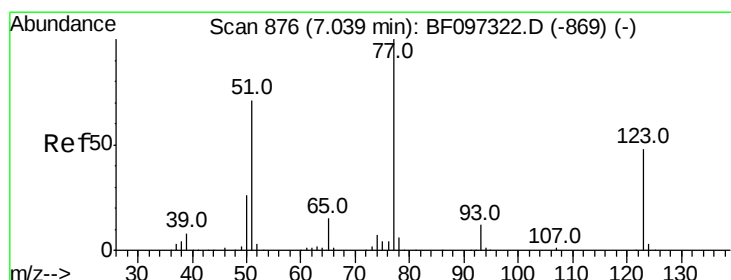
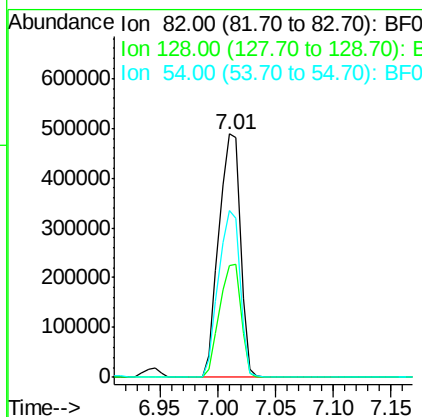
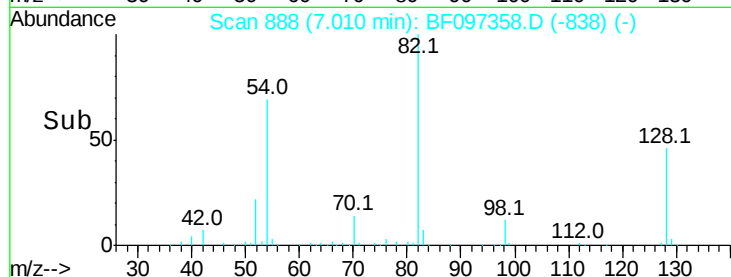
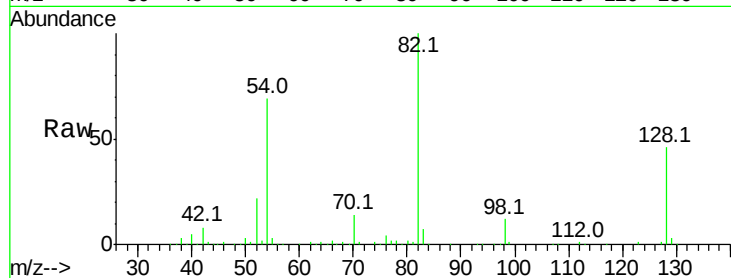
54 68.7 42.2 63.2#

Manual Integrations

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#24

Nitrobenzene

Concen: 54.502 ng

RT: 7.03 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

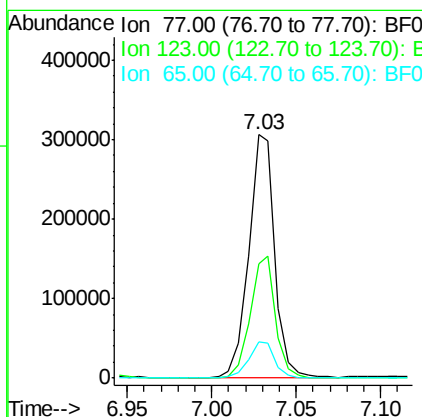
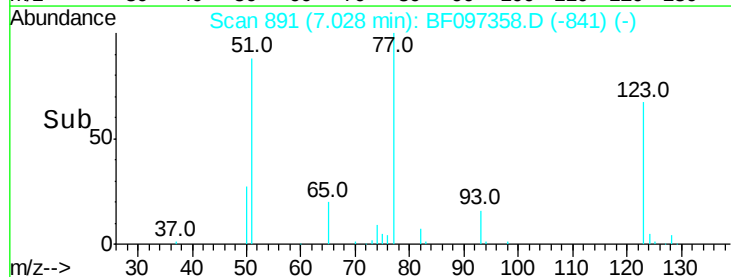
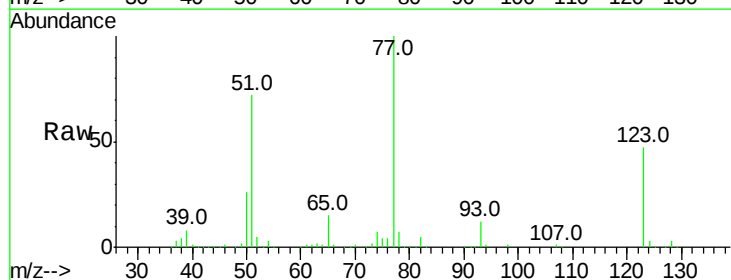
Tgt Ion: 77 Resp: 327647

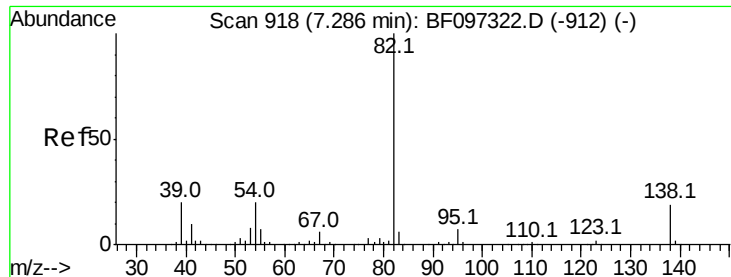
Ion Ratio Lower Upper

77 100

123 47.1 35.8 53.8

65 15.1 10.6 15.8





#25

Isophorone

Concen: 48.844 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

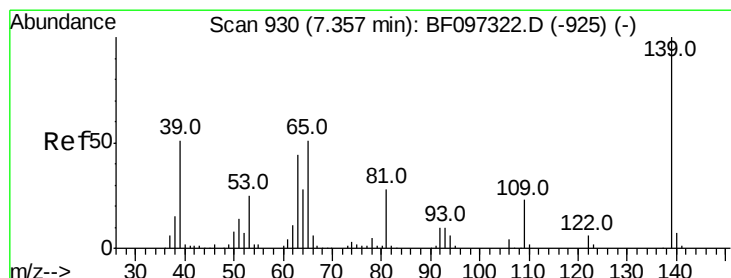
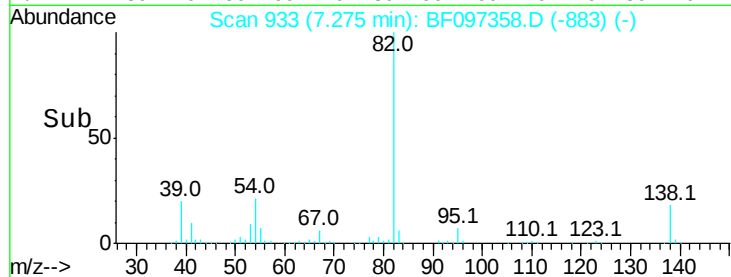
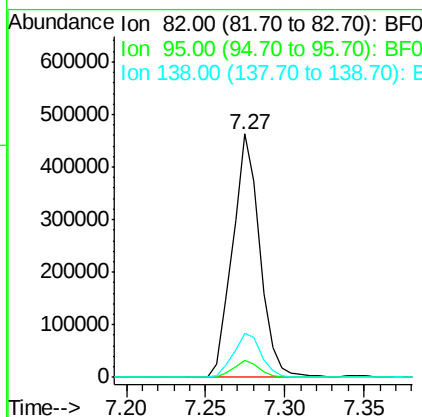
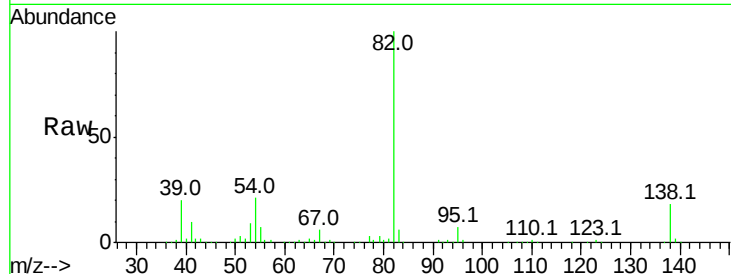
ClientSampleId :

A4129MS

Tot Ion:	82	Resp:	552142
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.361 ng

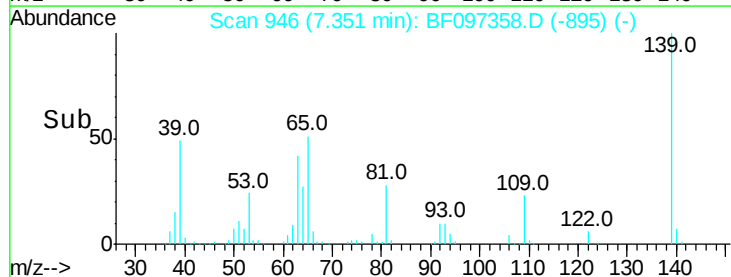
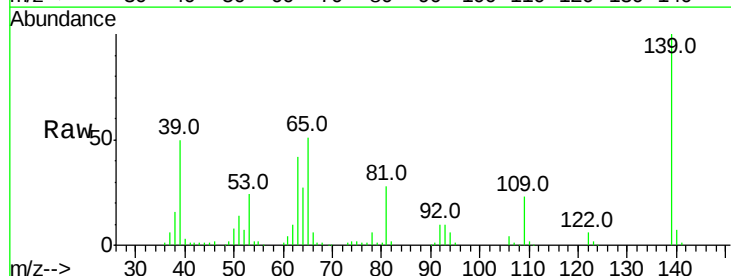
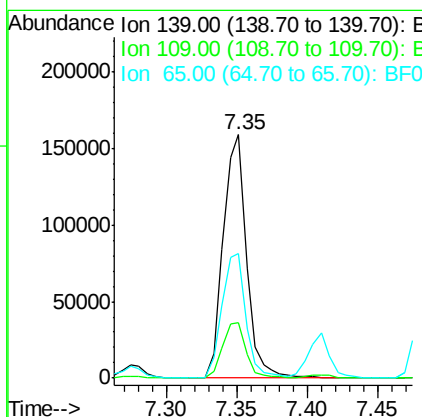
RT: 7.35 min Scan# 946

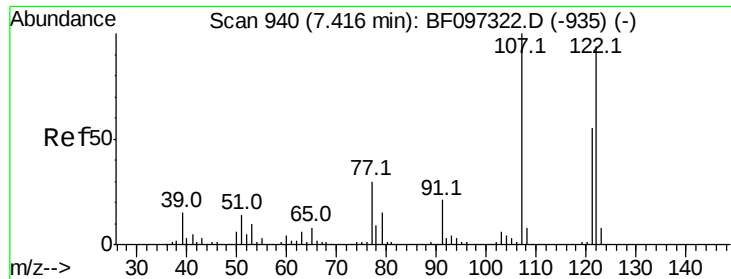
Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion:	139	Resp:	183310
Ion Ratio	Lower	Upper	
139	100		
109	22.8	21.0	31.6
65	51.4	33.0	49.6#





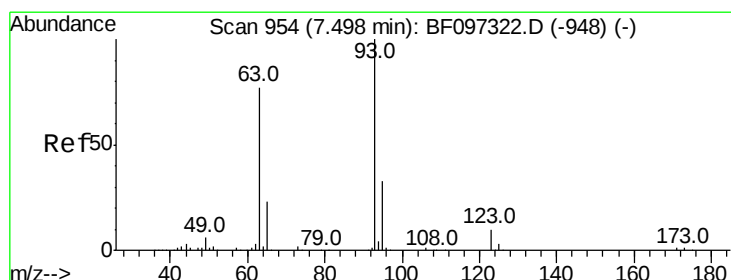
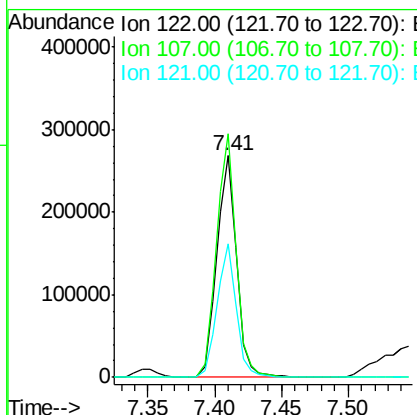
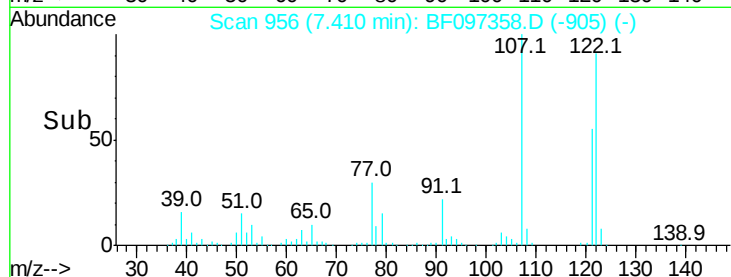
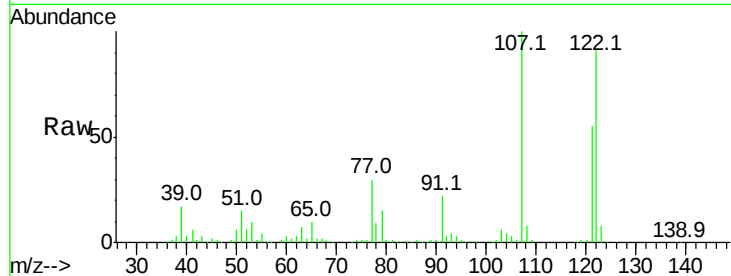
#27
 2,4-Dimethylphenol
 Concen: 52.727 ng
 RT: 7.41 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion:	122	Resp:	282890
Ion Ratio	Lower	Upper	
122	100		
107	109.9	89.2	133.8
121	60.0	45.2	67.8

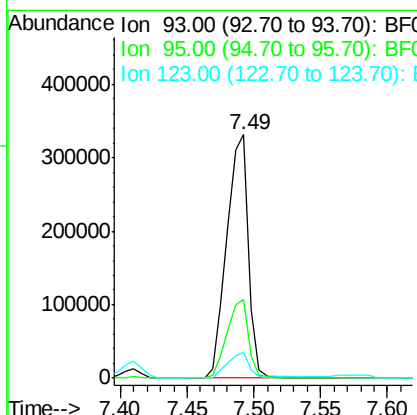
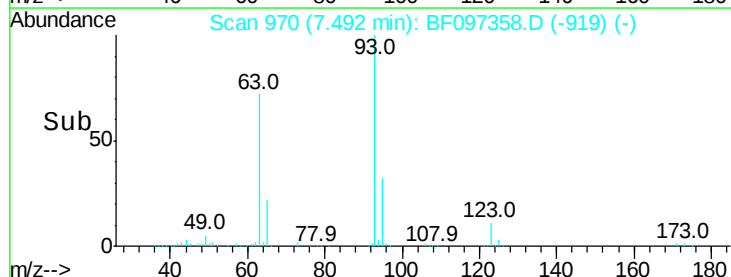
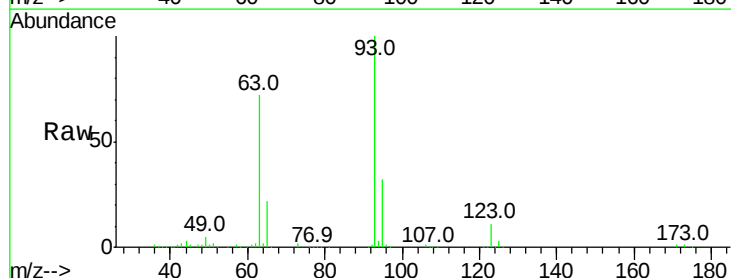
Manual Integrations
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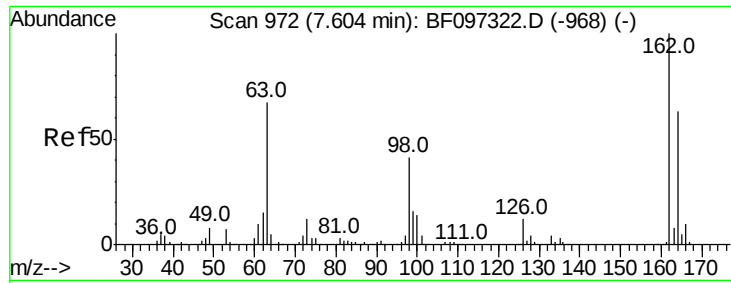
Sohil
 8/7/2017 6:09:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.749 ng
 RT: 7.49 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:	93	Resp:	381750
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.5	39.7
123	10.8	9.0	13.4





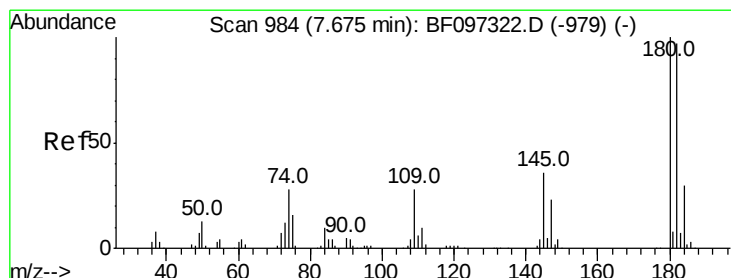
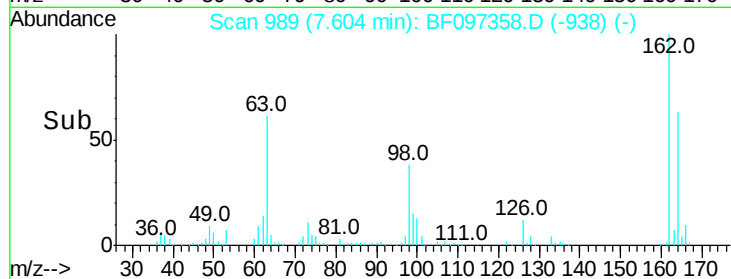
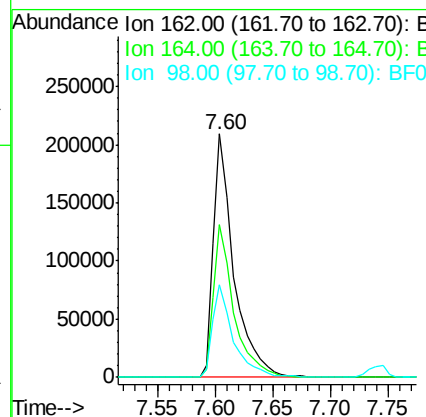
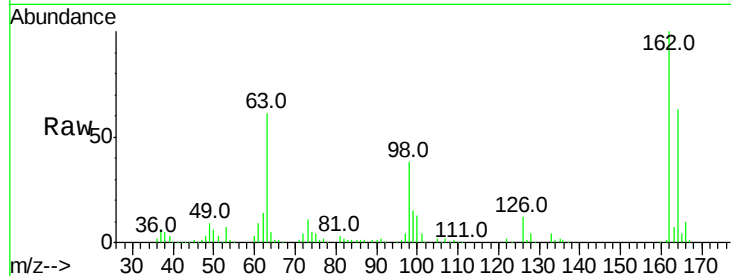
#29
 2,4-Dichlorophenol
 Concen: 56.056 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	259092		
164	62.7	44.6	84.6	
98	37.9	14.8	54.8	

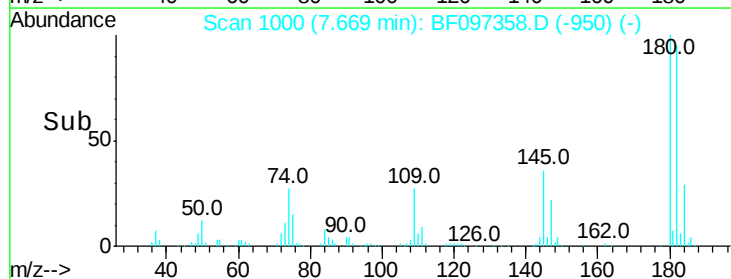
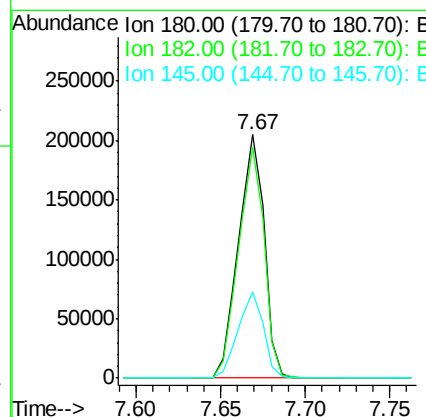
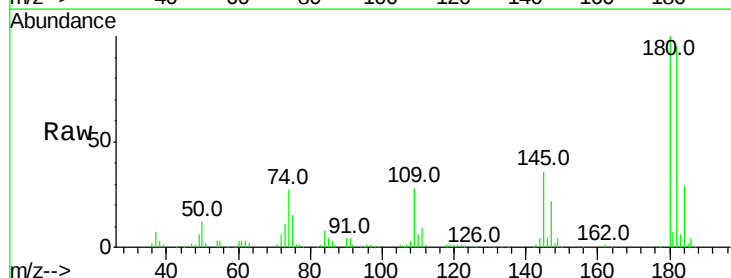
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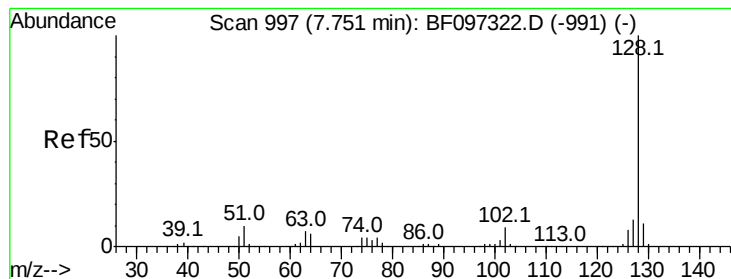
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.577 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218414		
182	94.8	75.8	113.6	
145	35.5	25.3	37.9	





#31

Naphthalene

Concen: 54.925 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

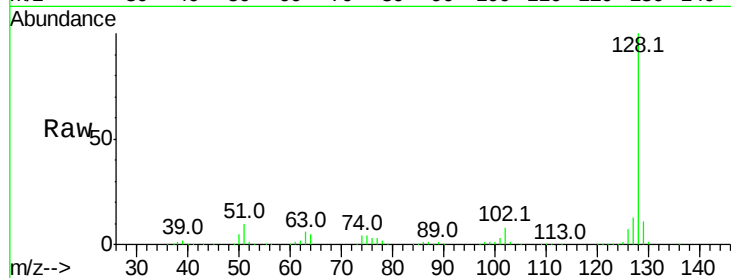
ClientSampled :

A4129MS

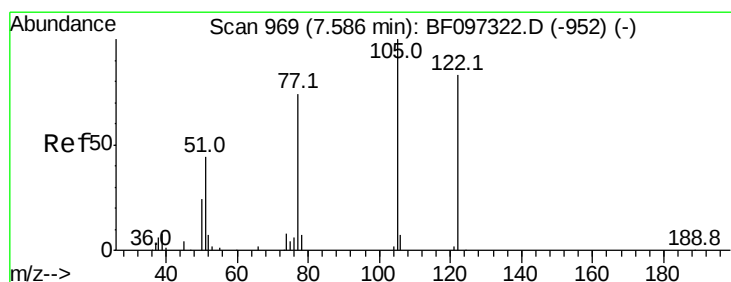
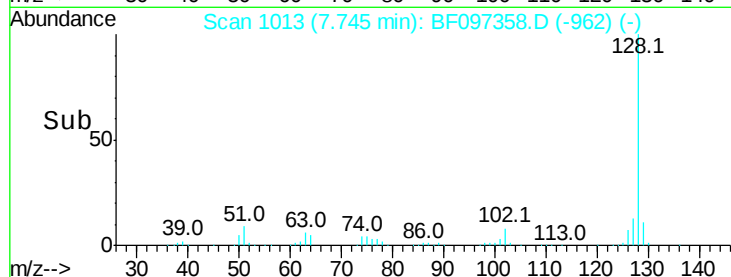
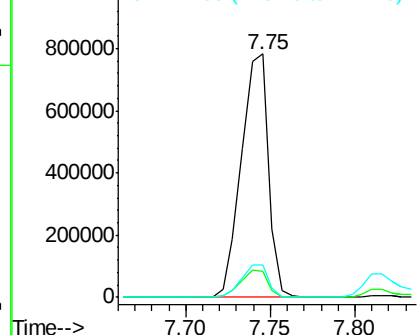
Tot Ion	128	Resp	876732
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.3	10.8	16.2

Manual Integrations
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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: 46.914 ng

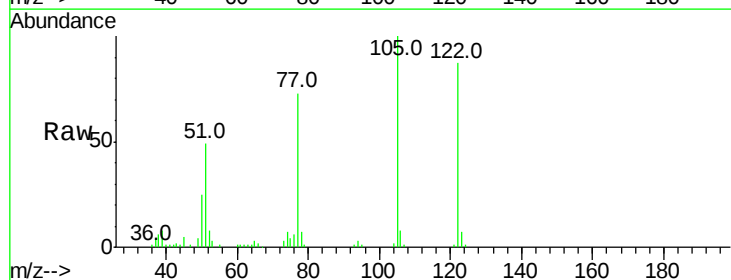
RT: 7.58 min Scan# 985

Delta R.T. -0.00 min

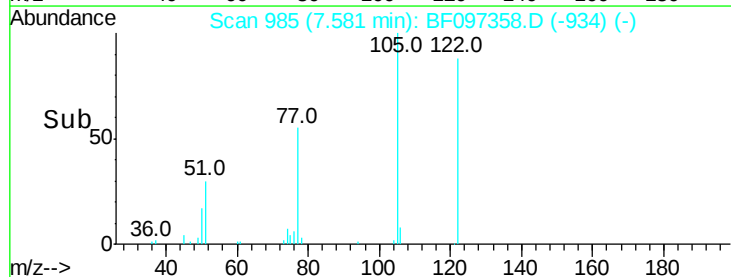
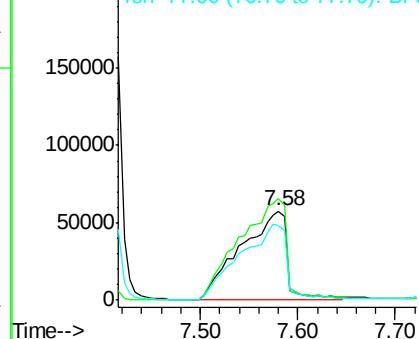
Lab File: BF097358.D

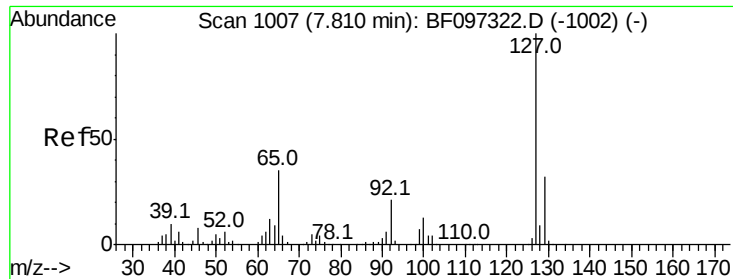
Acq: 4 Aug 2017 16:19

Tgt Ion	122	Resp	187951
Ion	Ratio	Lower	Upper
122	100		
105	115.0	103.3	143.3
77	83.9	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





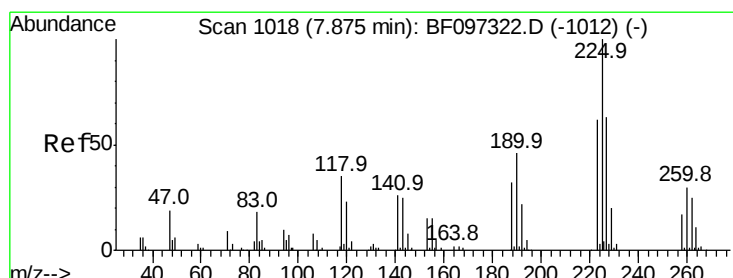
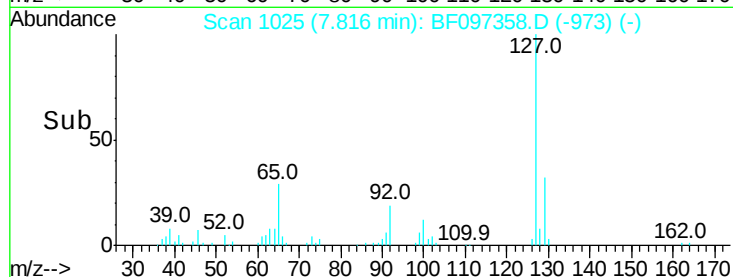
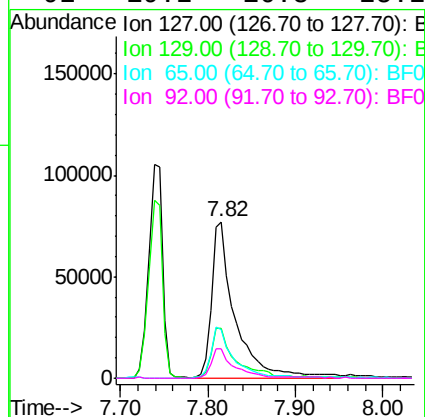
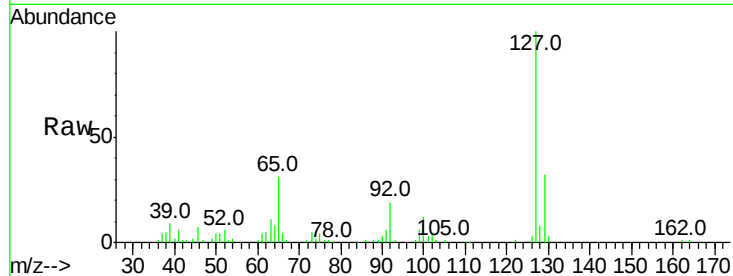
#33
4-Chloroaniline
Concen: 21.725 ng
RT: 7.82 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	30.8	27.8	41.8		
92	19.2	16.8	25.2		

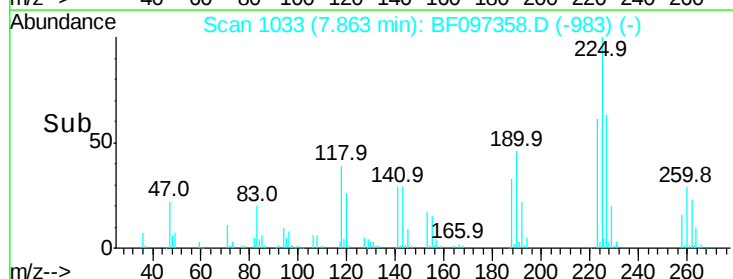
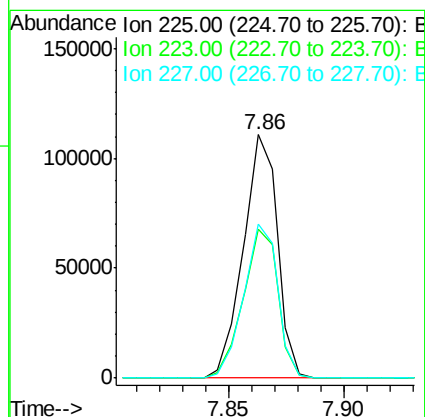
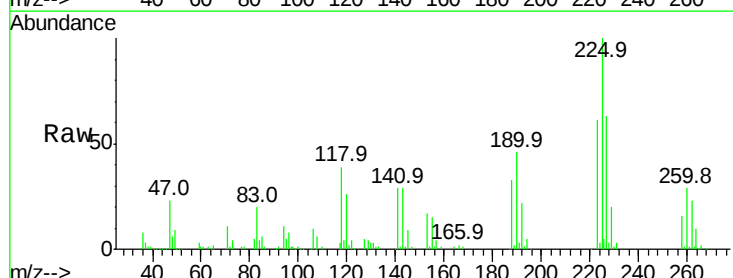
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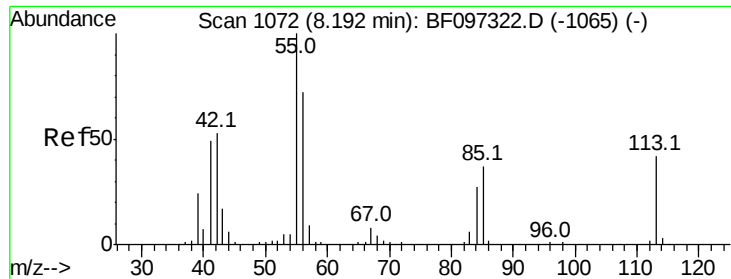
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#34
Hexachlorobutadiene
Concen: 49.095 ng
RT: 7.86 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	48.8	73.2		
227	63.4	51.1	76.7		





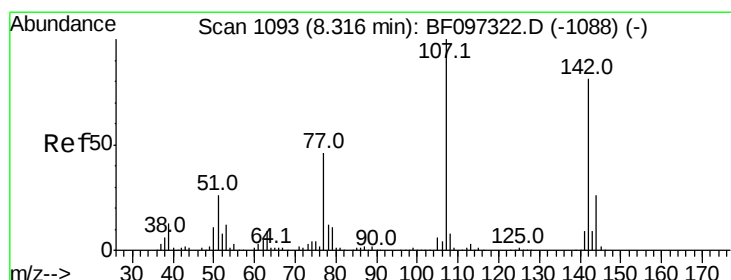
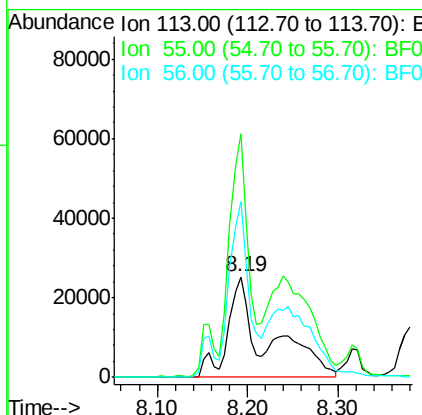
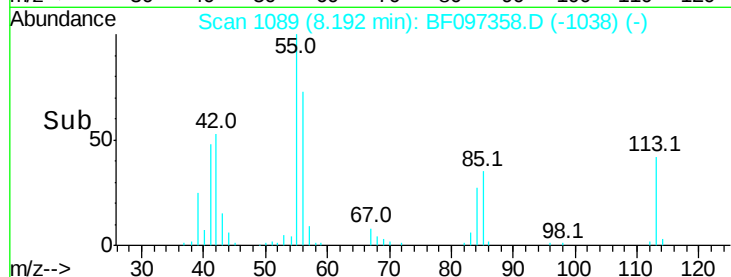
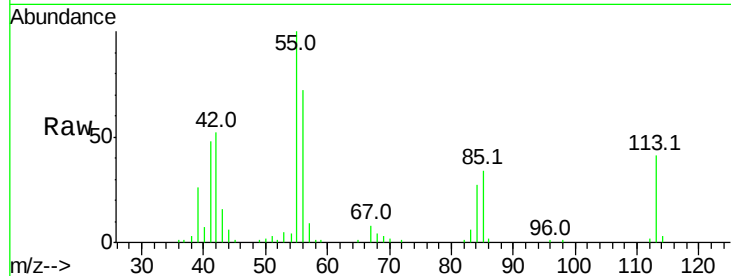
#35
 Caprolactam
 Concen: 51.650 ng/ml
 RT: 8.19 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleID :
 A4129MS

Tot Ion:113 Resp: 76549
 Ion Ratio Lower Upper
 113 100
 55 242.2 150.2 190.2#
 56 175.3 107.8 147.8#

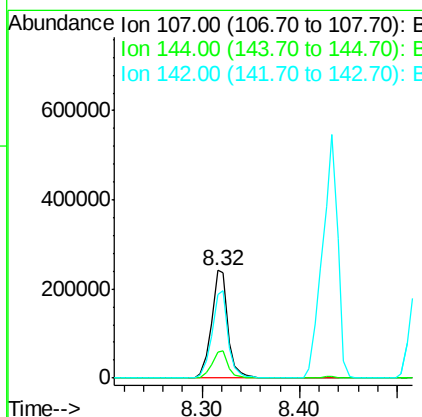
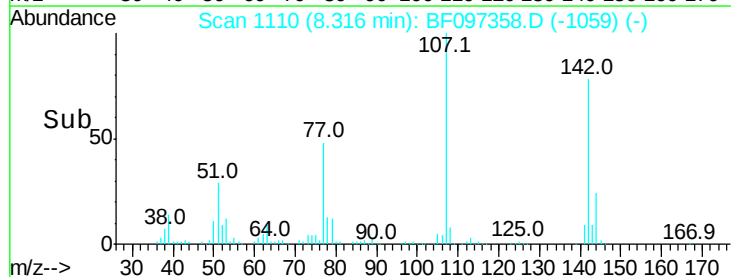
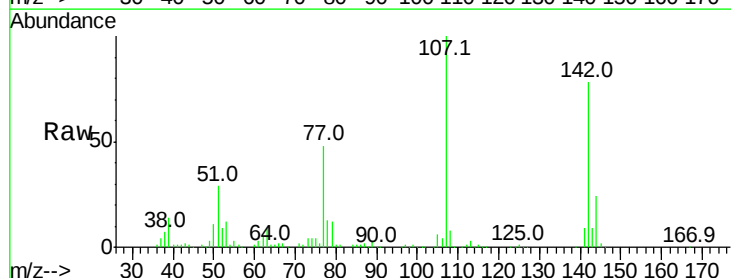
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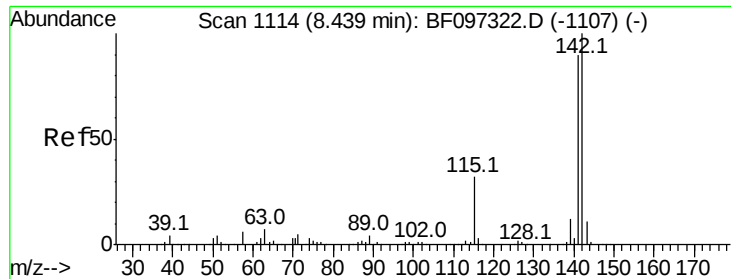
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#36
 4-Chloro-3-methylphenol
 Concen: 55.809 ng/ml
 RT: 8.32 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion:107 Resp: 281418
 Ion Ratio Lower Upper
 107 100
 144 24.2 24.2 36.4#
 142 78.1 73.4 110.0





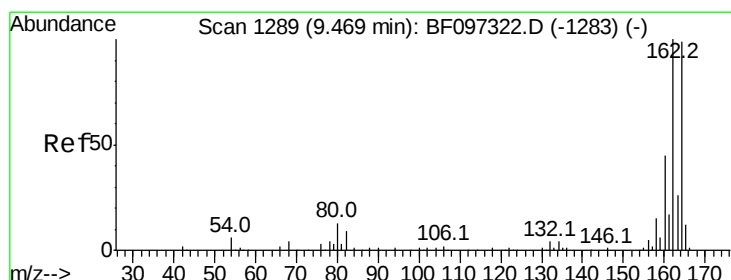
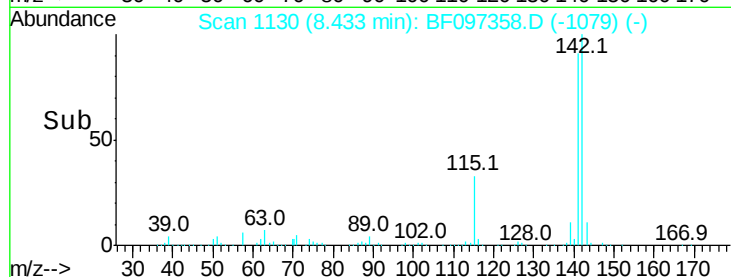
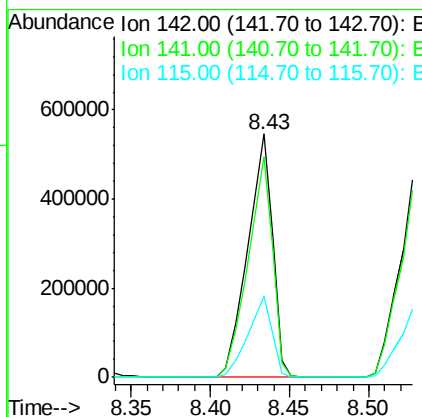
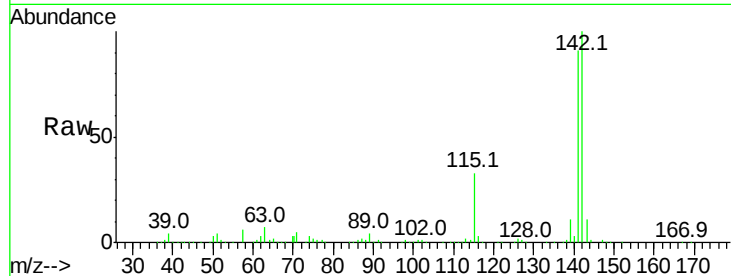
#37
2-Methylnaphthalene
Concen: 58.603 ng
RT: 8.43 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	592277		
141	90.6		71.3	106.9
115	33.4		27.1	40.7

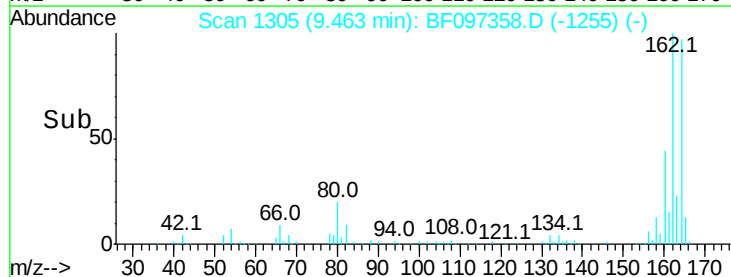
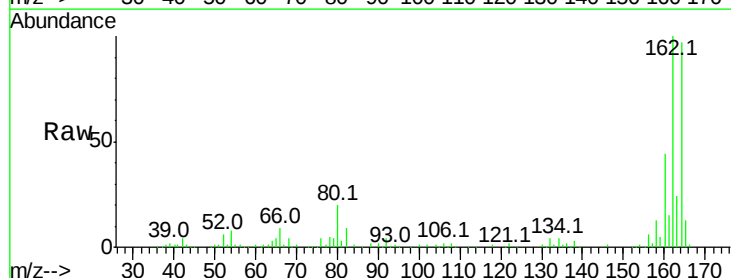
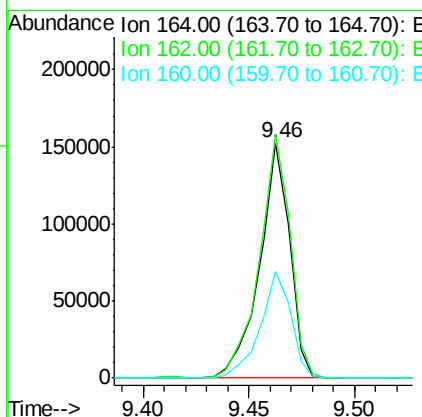
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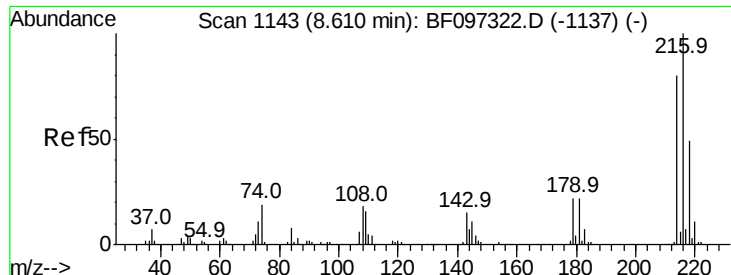
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150953		
162	103.6		82.6	123.8
160	45.6		36.2	54.2





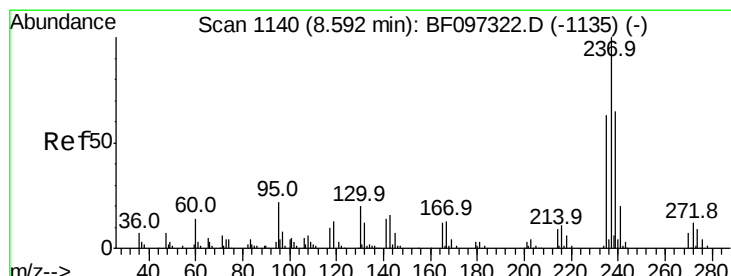
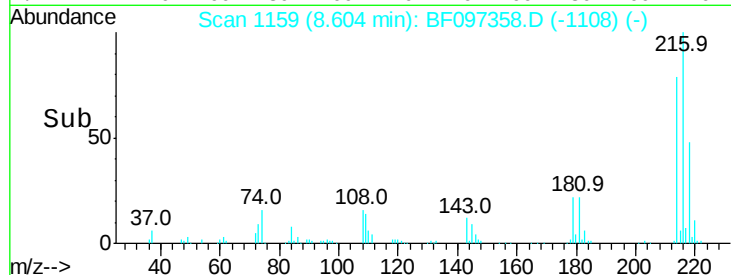
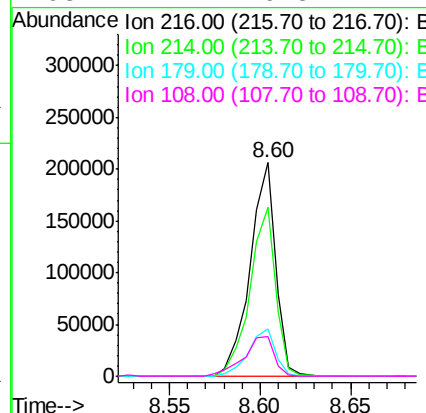
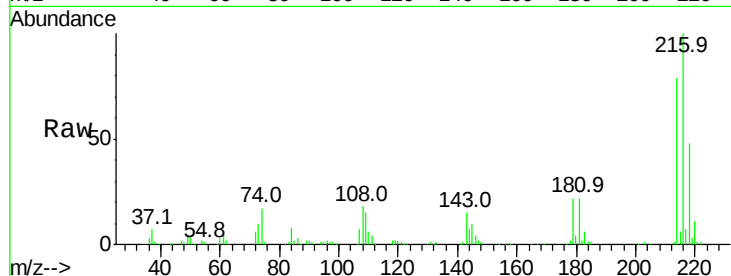
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.374 ng
 RT: 8.60 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.4	95.2
179	23.2	17.9	26.9
108	22.1	16.5	24.7

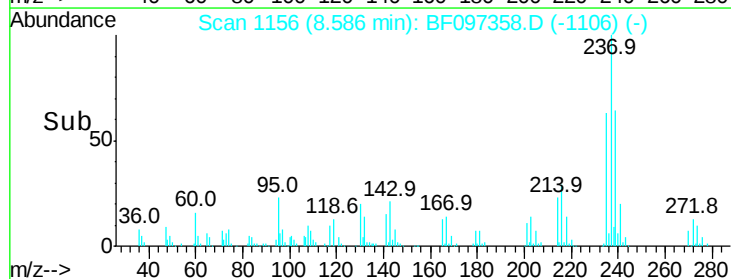
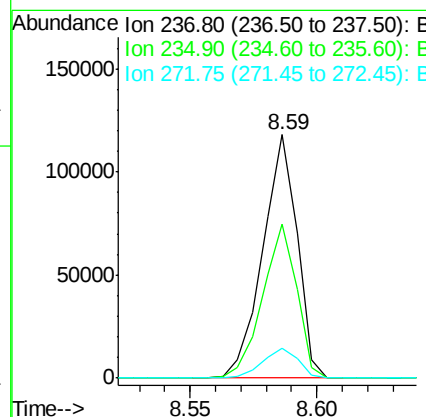
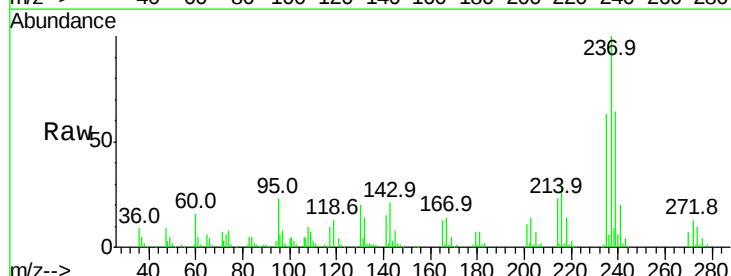
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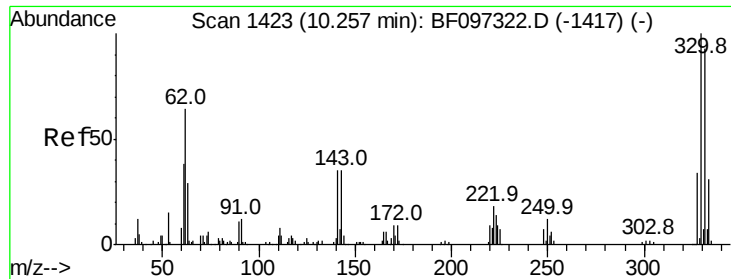
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#40
 Hexachlorocyclopentadiene
 Concen: 79.663 ng
 RT: 8.59 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.5	0.0	31.9





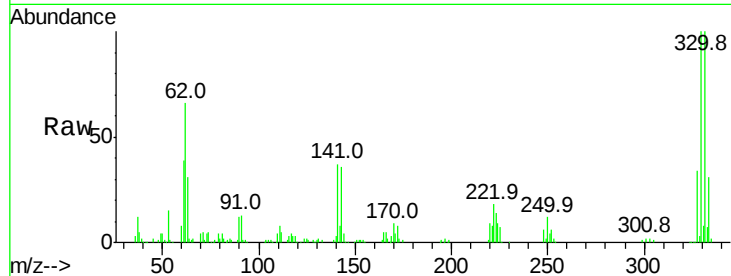
#41
 2,4,6-Tribromophenol
 Concen: 167.731 ng
 RT: 10.26 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 A4129MS

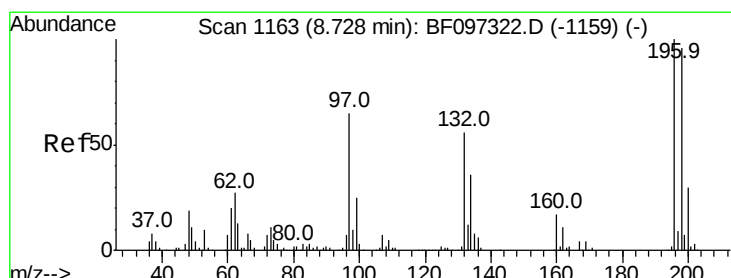
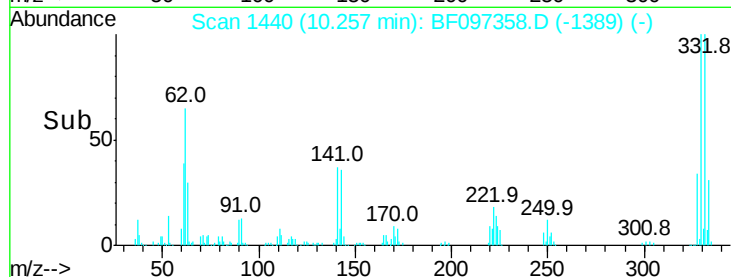
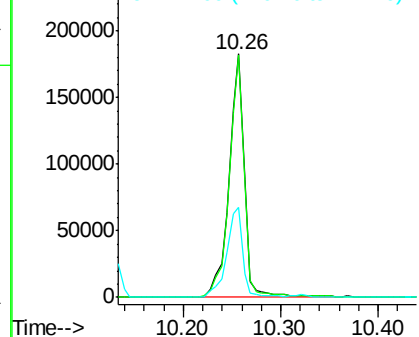
Tot Ion	Ratio	Resp	Lower	Upper
330	100	200049		
332	96.7		76.6	115.0
141	38.9		31.4	47.2

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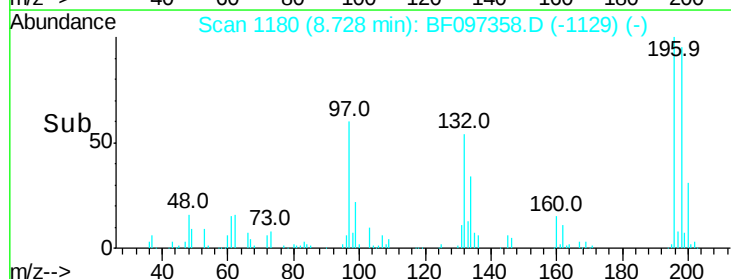
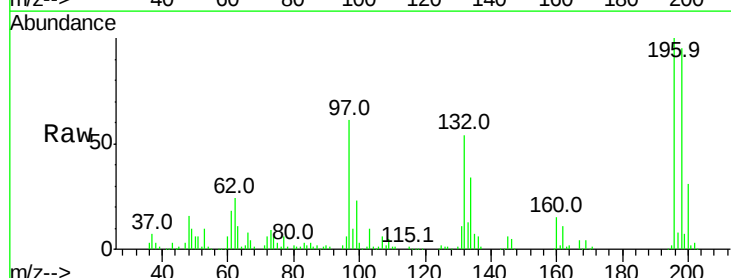
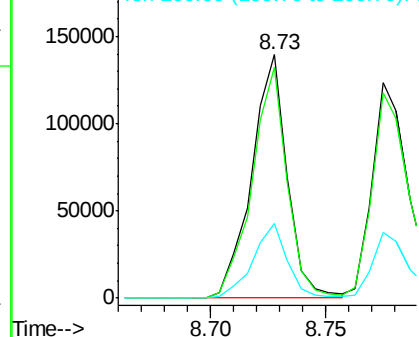
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

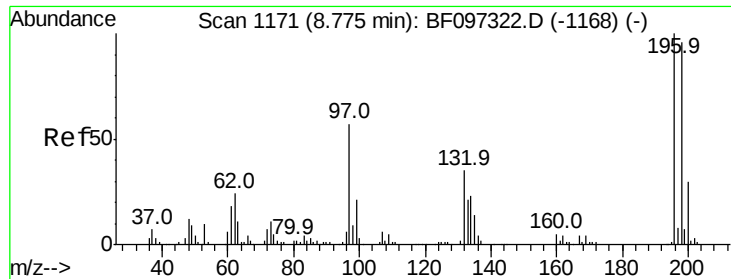


#42
 2,4,6-Trichlorophenol
 Concen: 51.572 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150532		
198	94.9		74.2	111.4
200	30.9		24.0	36.0

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





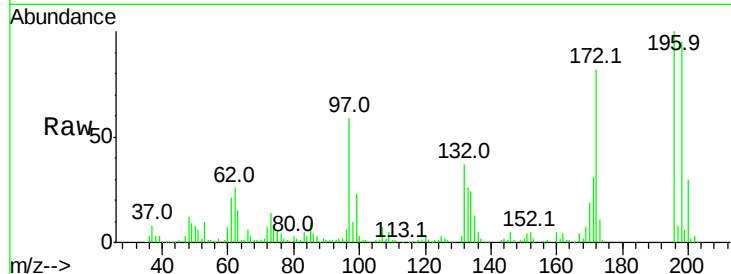
#43
 2,4,5-Trichlorophenol
 Concen: 50.174 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

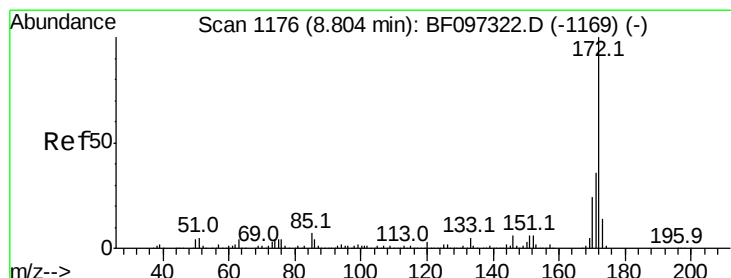
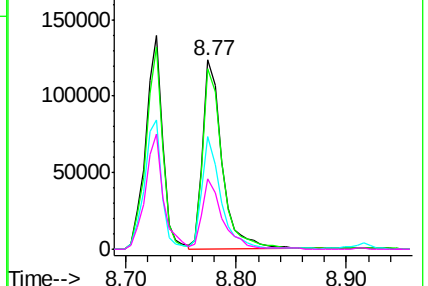
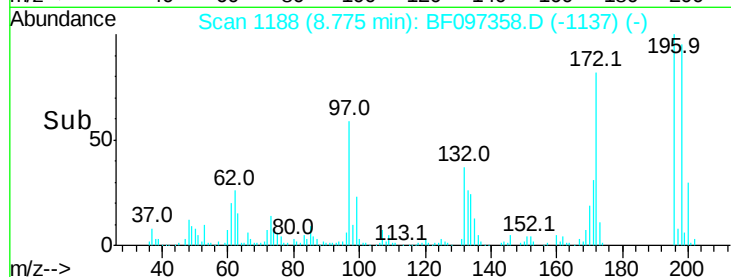
Tot Ion	196	Resp	146584
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
97	59.5	47.7	71.5
132	37.2	28.0	42.0

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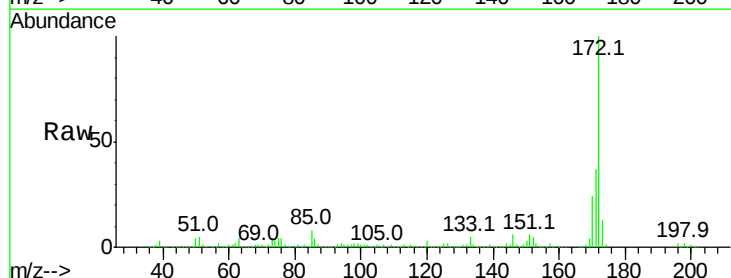


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

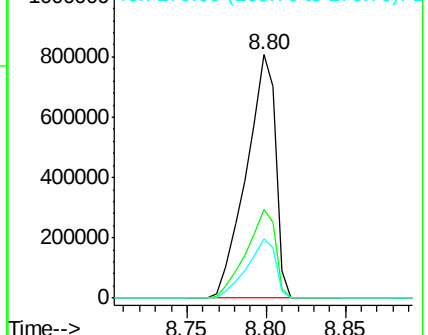
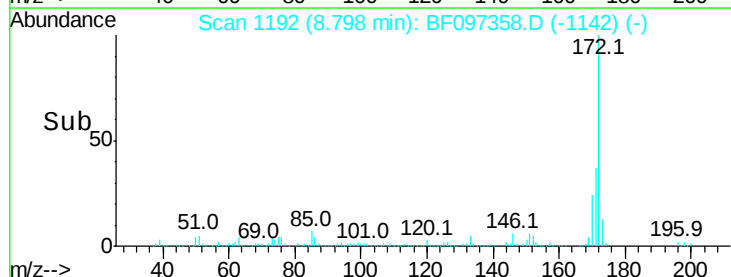


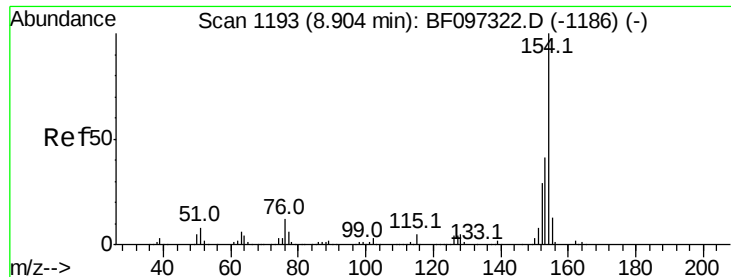
#44
 2-Fluorobiphenyl
 Concen: 116.193 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	172	Resp	1033510
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.4	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





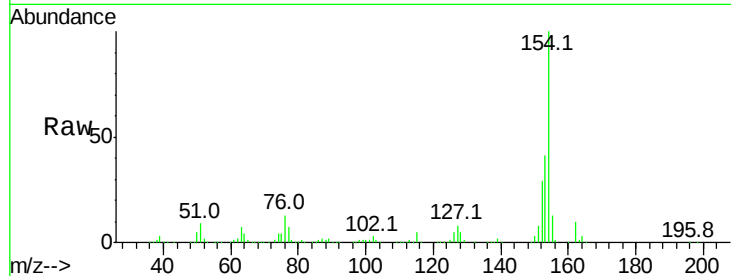
#45
 1,1'-Biphenyl
 Concen: 51.707 ng
 RT: 8.90 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

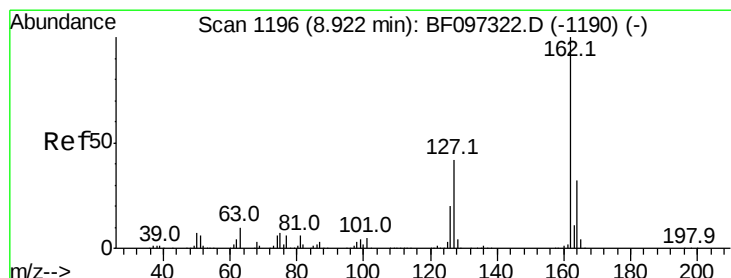
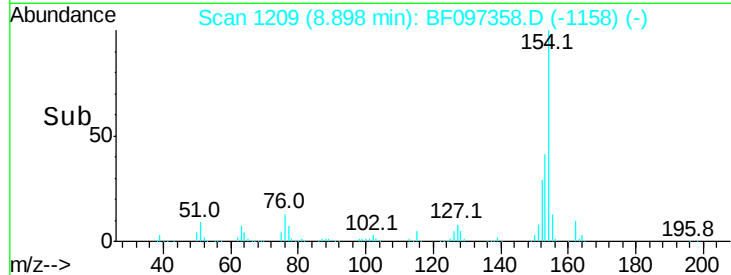
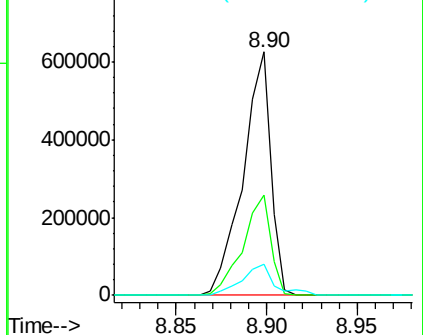
Tot Ion	Ratio	Resp	Lower	Upper
154	100	666677		
153	41.1	21.2	61.2	
76	12.7	0.0	29.9	

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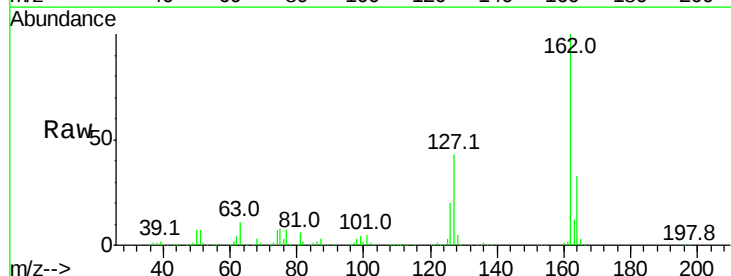


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

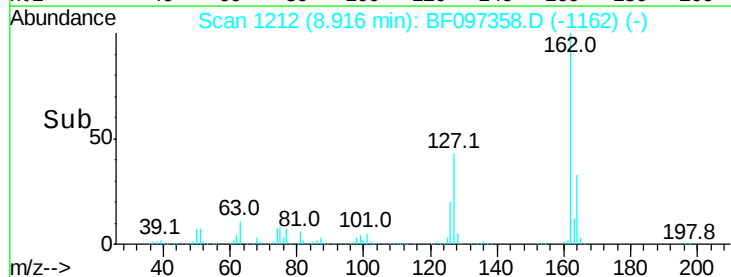
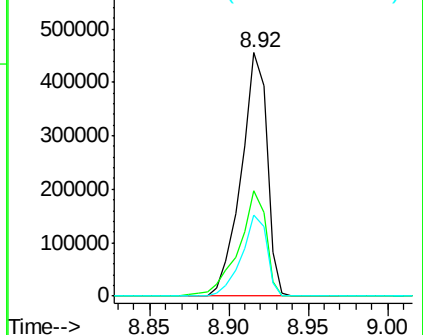


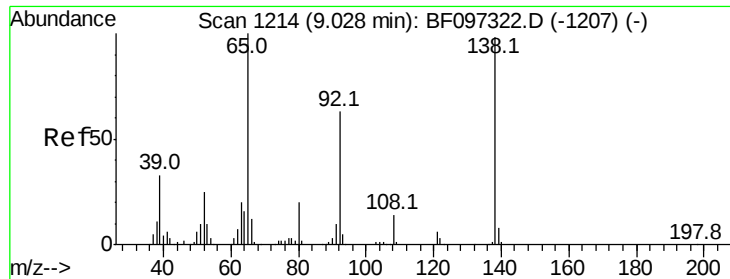
#46
 2-Chloronaphthalene
 Concen: 54.230 ng
 RT: 8.92 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	514539		
127	43.2	28.3	42.5#	
164	33.2	27.0	40.4	



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





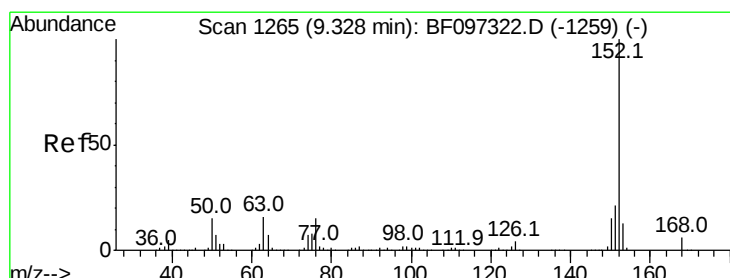
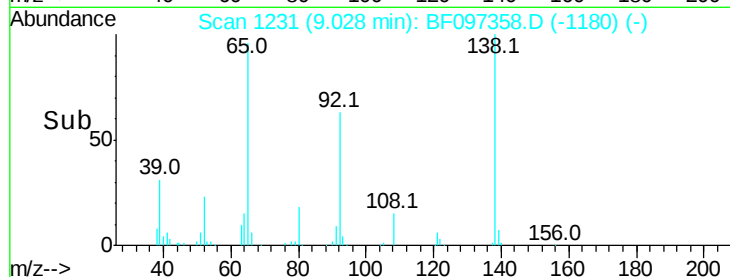
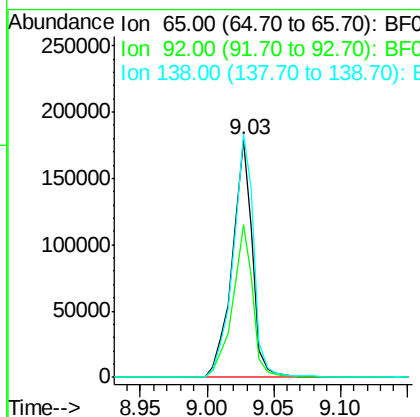
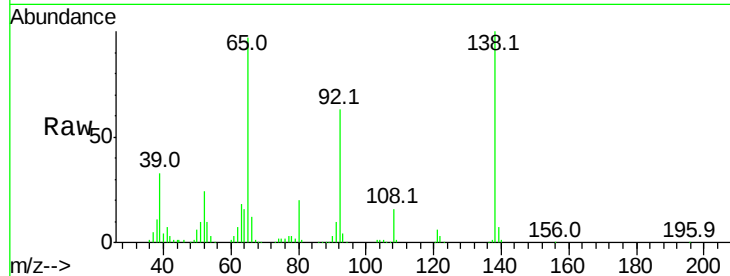
#47
2-Nitroaniline
Concen: 55.097 ng
RT: 9.03 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.9	80.9
138	102.6	78.8	118.2

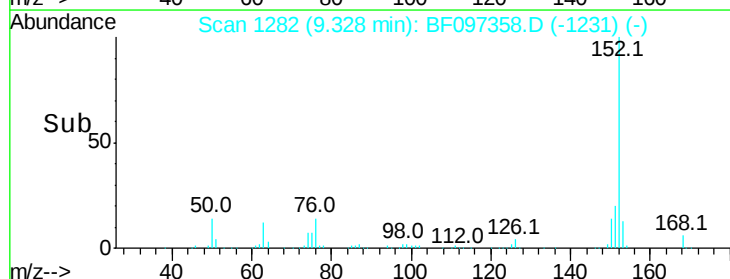
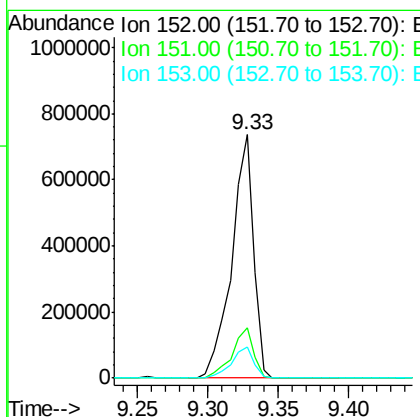
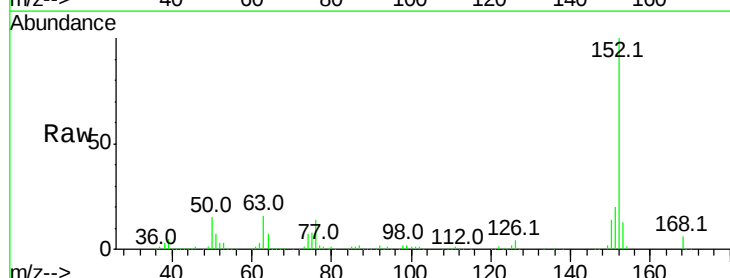
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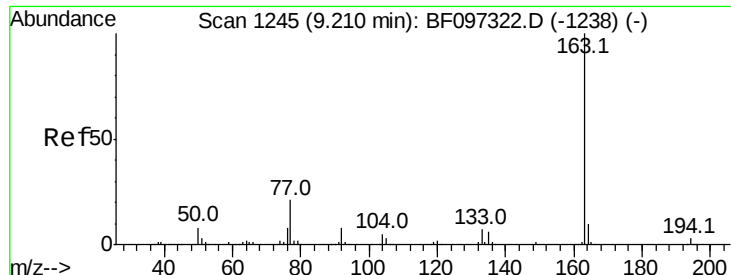
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#48
Acenaphthylene
Concen: 54.292 ng
RT: 9.33 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.0	10.8	16.2





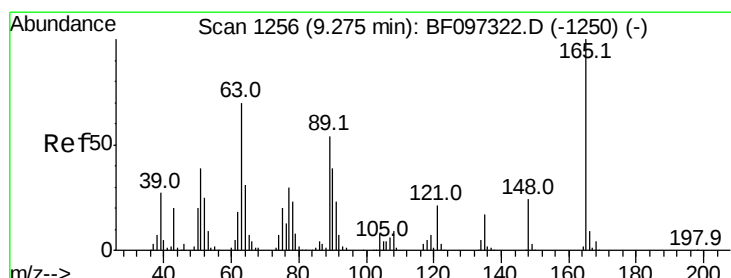
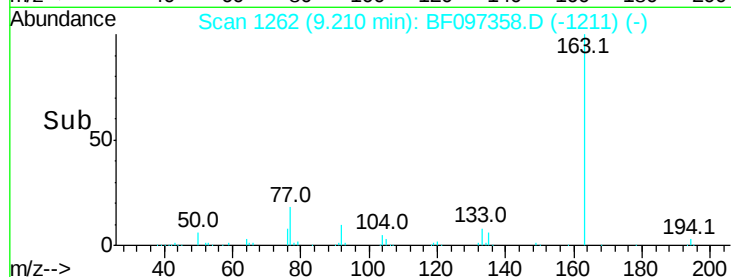
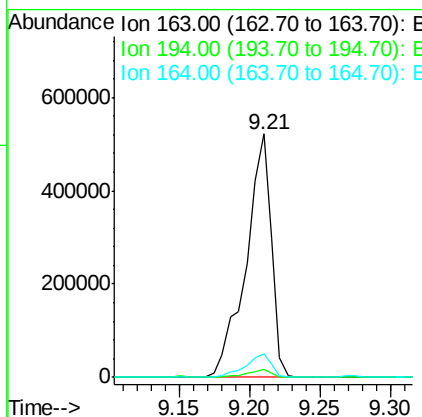
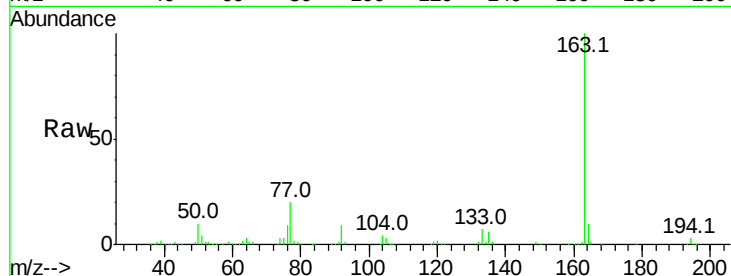
#49
Dimethylphthalate
Concen: 57.497 ng
RT: 9.21 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	9.7	8.4	12.6	

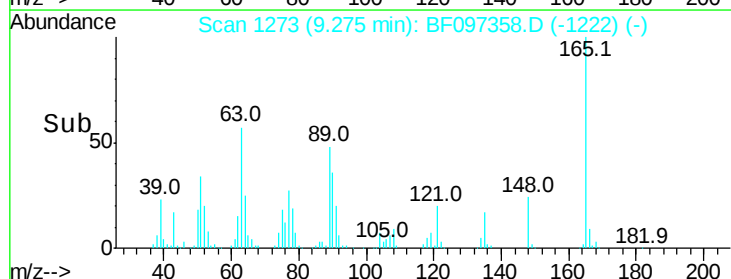
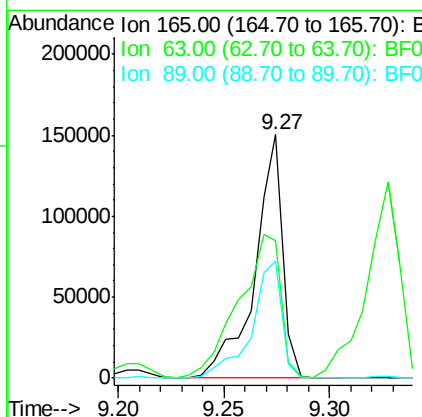
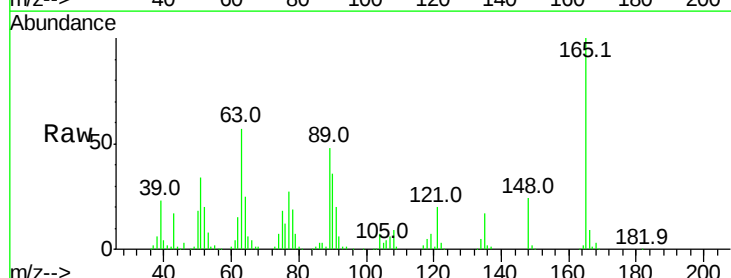
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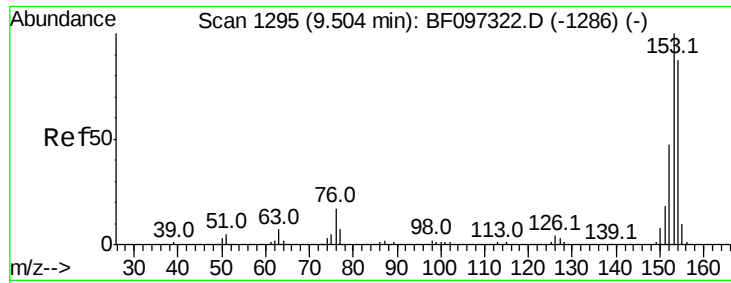
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#50
2,6-Dinitrotoluene
Concen: 57.000 ng
RT: 9.27 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.6	34.3	51.5#	
89	48.2	37.1	55.7	





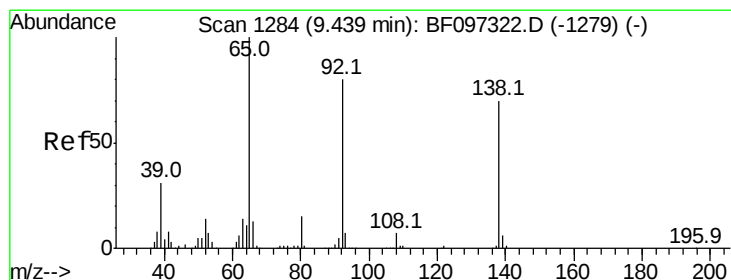
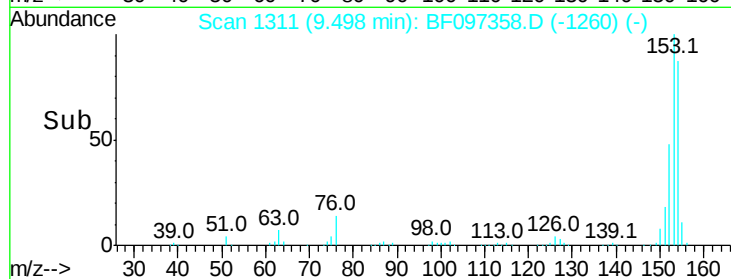
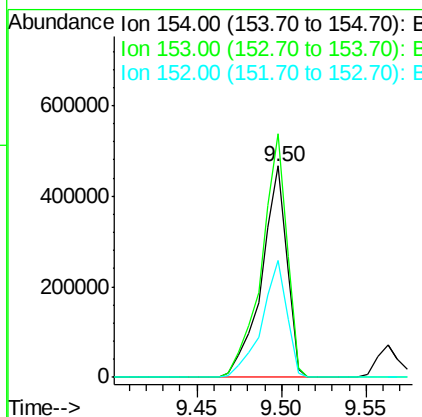
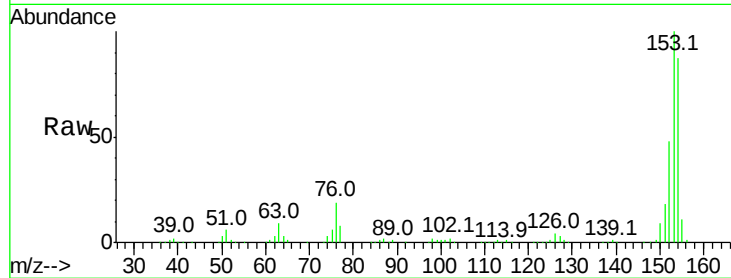
#51
Acenaphthene
Concen: 56.496 ng
RT: 9.50 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.5	135.7
152	55.1	43.6	65.4

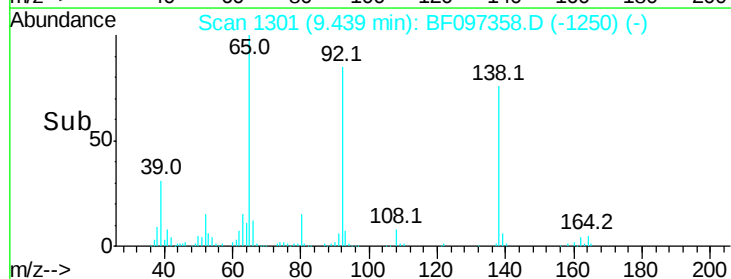
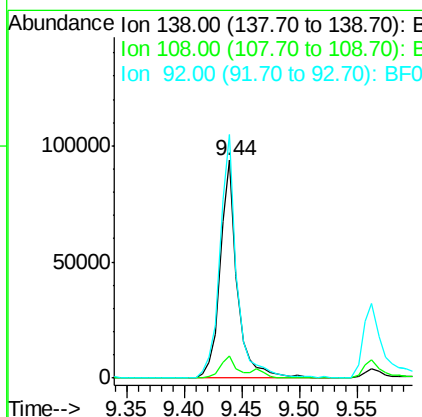
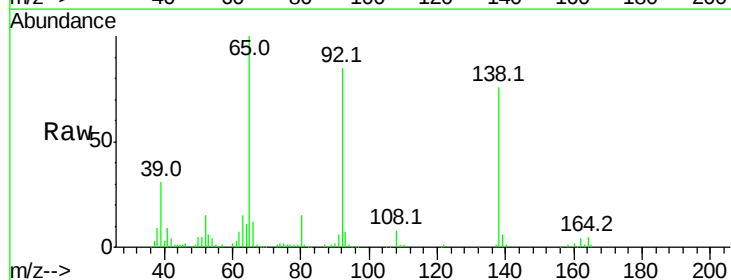
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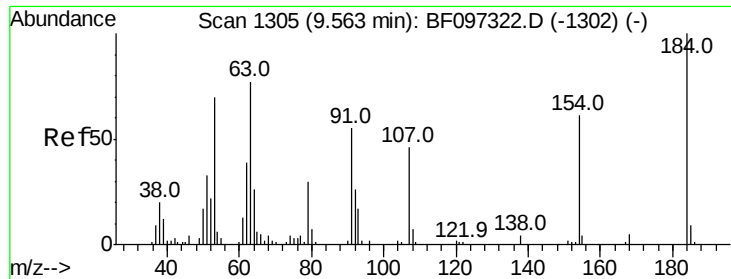
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#52
3-Nitroaniline
Concen: 31.939 ng
RT: 9.44 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	111.9	93.8	140.6





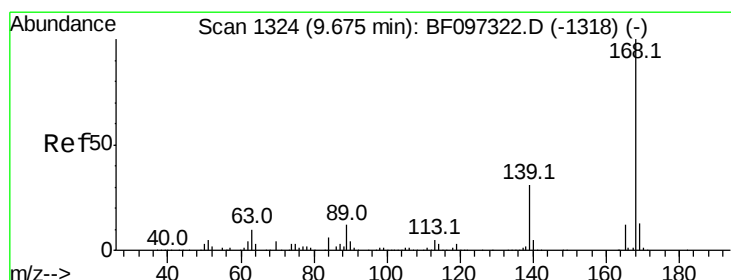
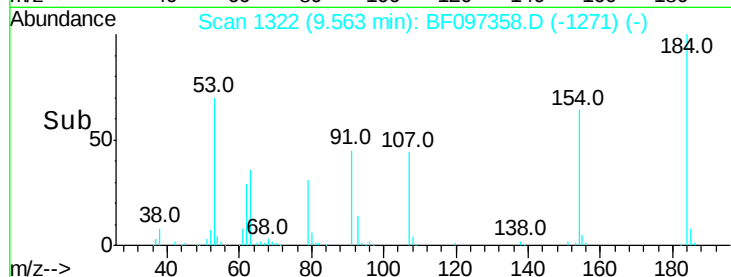
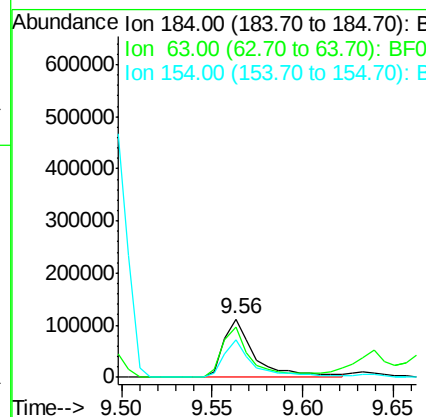
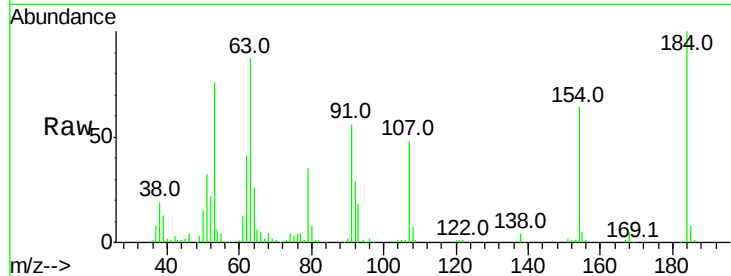
#53
 2,4-Dinitrophenol
 Concen: 122.577 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	135501		
63	86.6	62.7	94.1	
154	64.4	81.1	121.7	

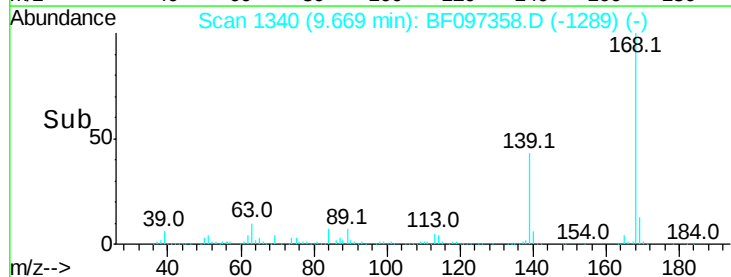
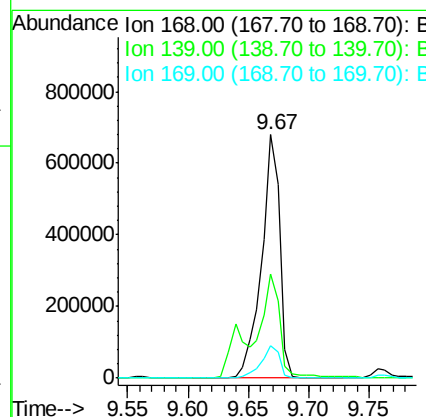
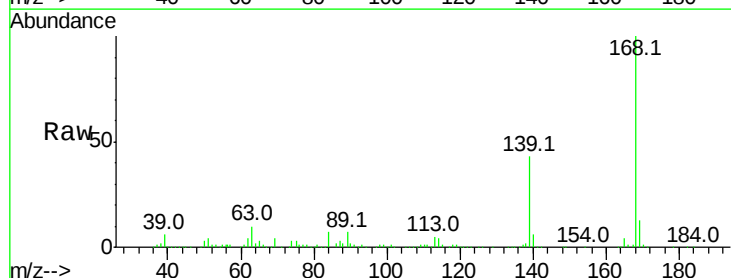
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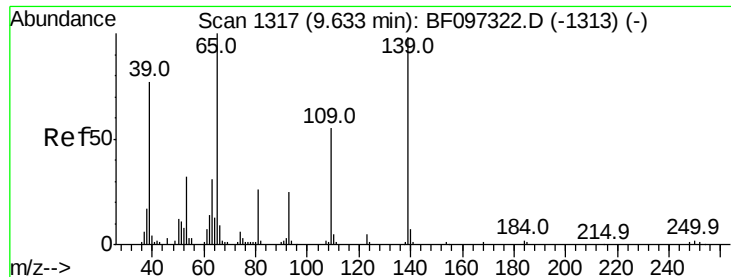
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#54
 Dibenzofuran
 Concen: 62.621 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	715528		
139	42.7	30.6	45.8	
169	13.3	10.8	16.2	





#55

4-Nitrophenol

Concen: 81.768 ng

RT: 9.64 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

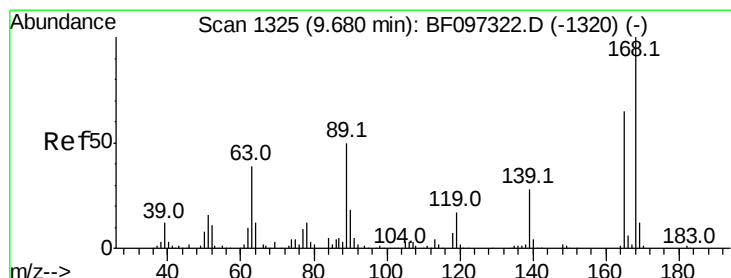
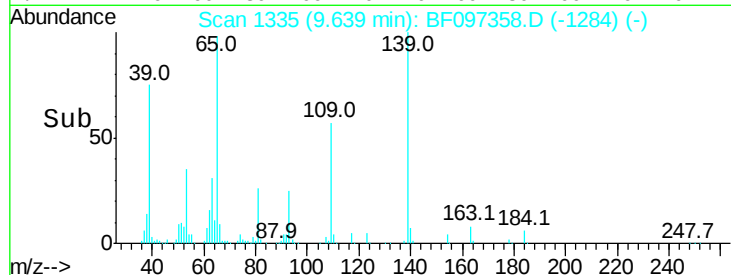
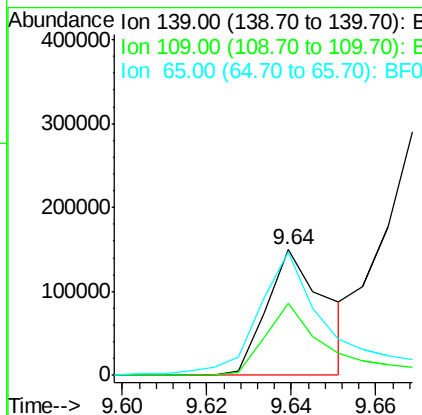
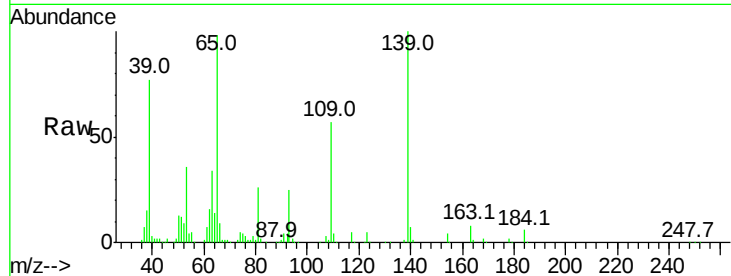
ClientSampled :

A4129MS

Tot Ion:139	Resp:	146743
Ion Ratio	Lower	Upper
139	100	
109	57.0	34.1 74.1
65	98.3	31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 65.157 ng

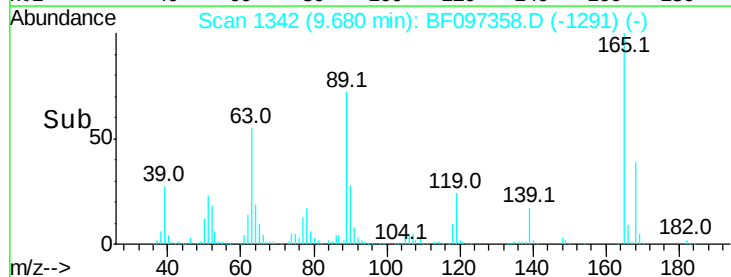
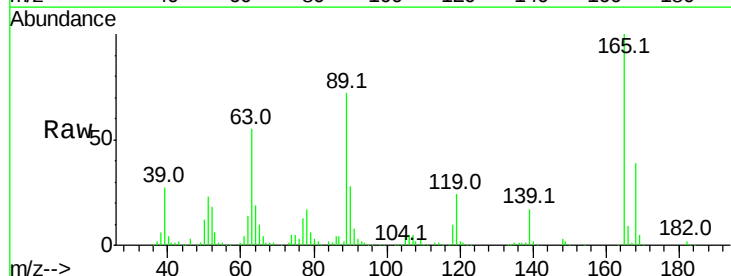
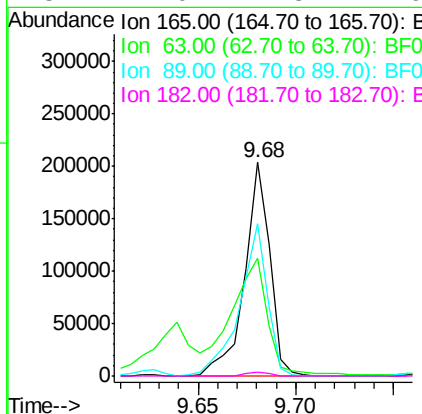
RT: 9.68 min Scan# 1342

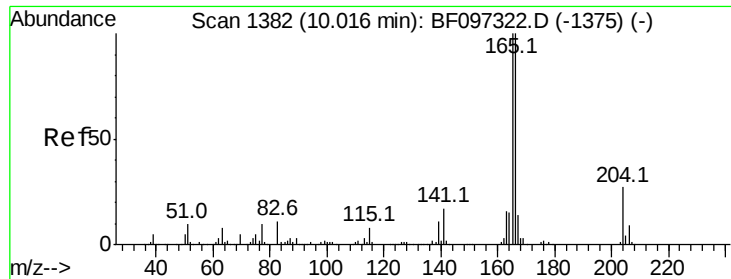
Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion:165	Resp:	182108
Ion Ratio	Lower	Upper
165	100	
63	55.1	25.4 38.0#
89	71.5	46.4 69.6#
182	2.0	1.8 2.6





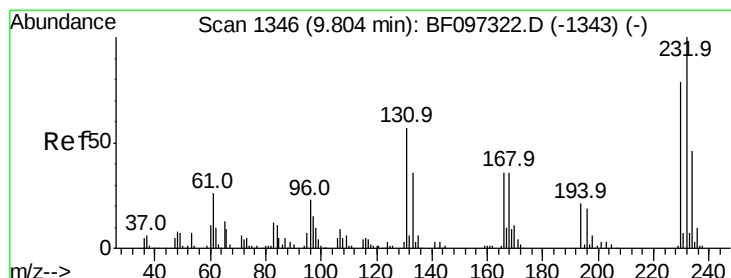
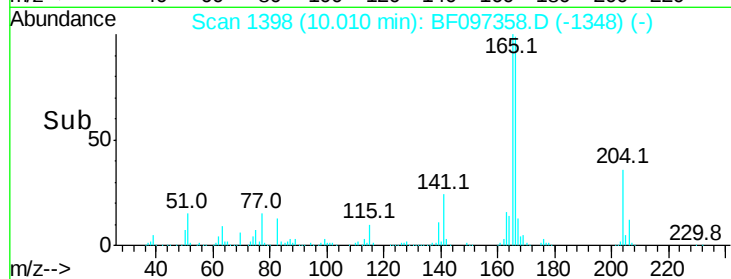
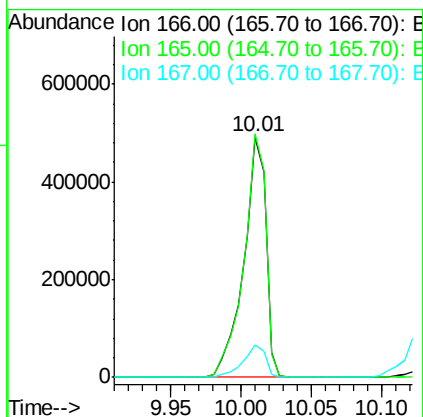
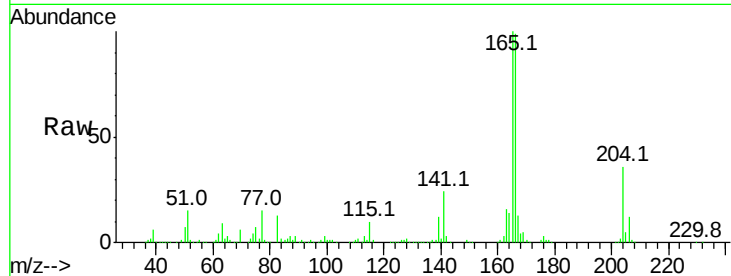
#57
 Fluorene
 Concen: 63.035 ng
 RT: 10.01 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.3	78.8	118.2	
167	13.4	10.6	16.0	

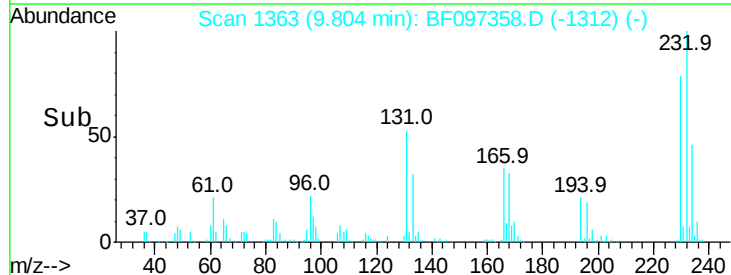
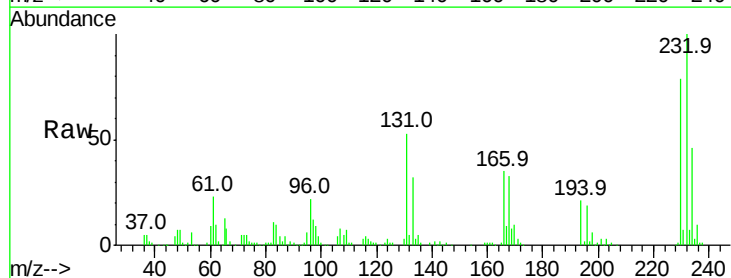
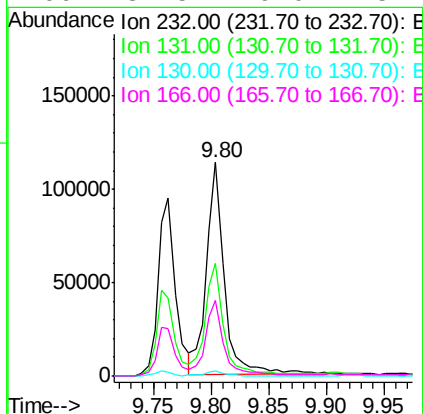
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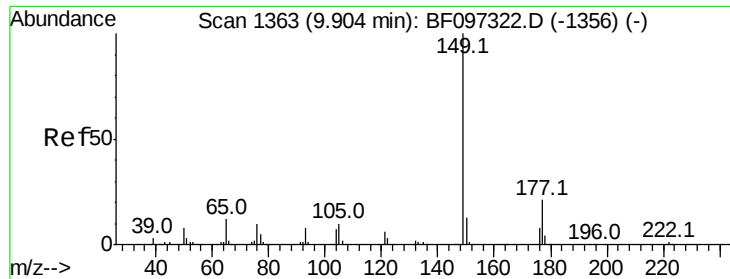
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.477 ng
 RT: 9.80 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.8	44.8	67.2	
130	2.8	2.3	3.5	
166	34.5	29.0	43.4	





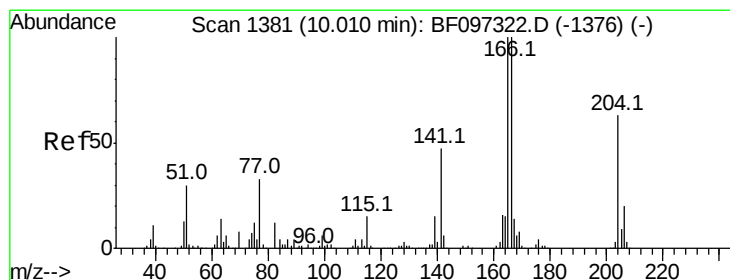
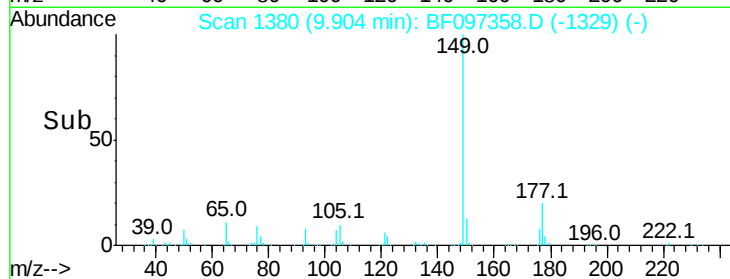
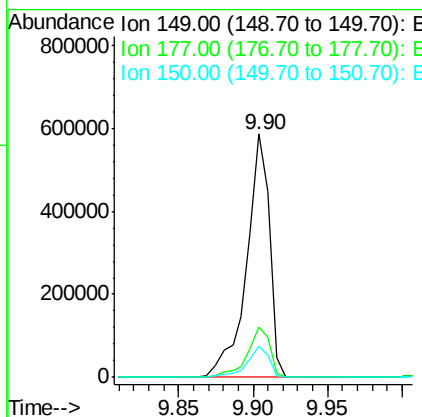
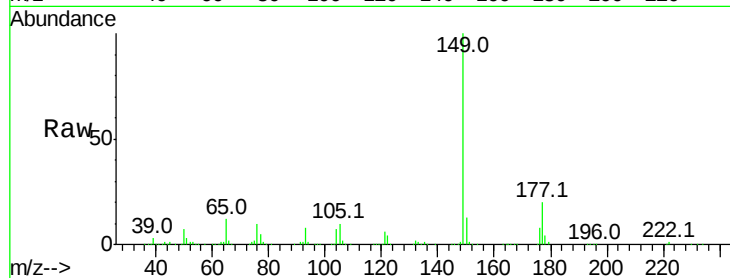
#59
Diethylphthalate
Concen: 58.852 ng
RT: 9.90 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion:	149	Resp:	618924
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.7	25.1
150	12.9	10.2	15.2

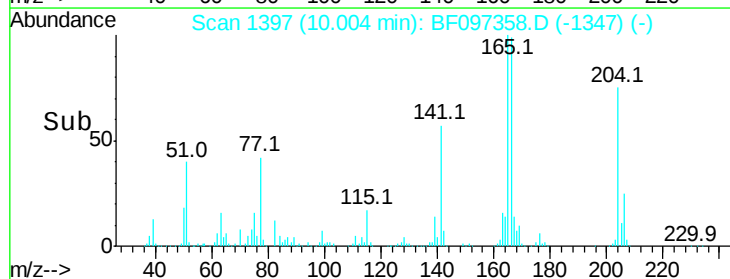
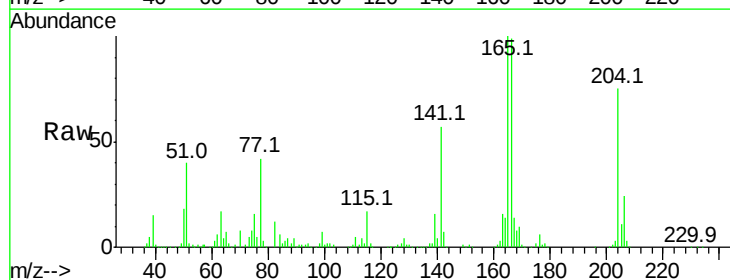
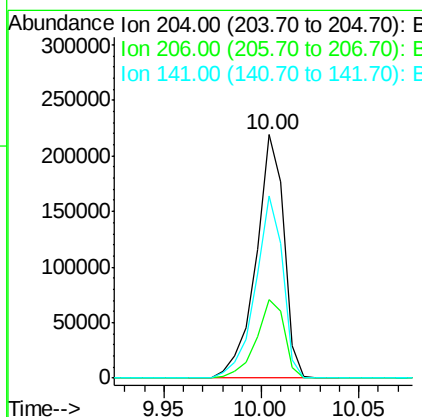
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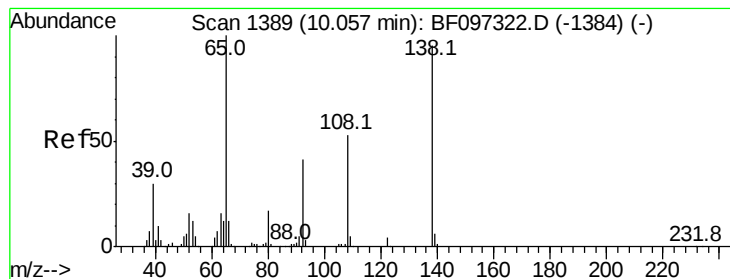
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 61.322 ng
RT: 10.00 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion:	204	Resp:	217468
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.2	39.2
141	75.0	60.8	91.2





#61

4-Nitroaniline

Concen: 55.344 ng

RT: 10.06 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

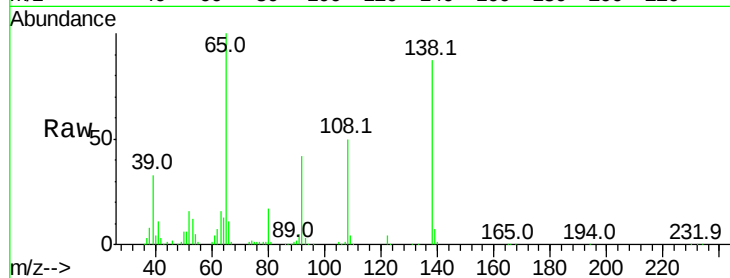
ClientSampled :

A4129MS

Tot Ion:	138	Resp:	158695
Ion Ratio	Lower	Upper	
138	100		
92	48.0	21.8	61.8
108	57.5	42.3	82.3

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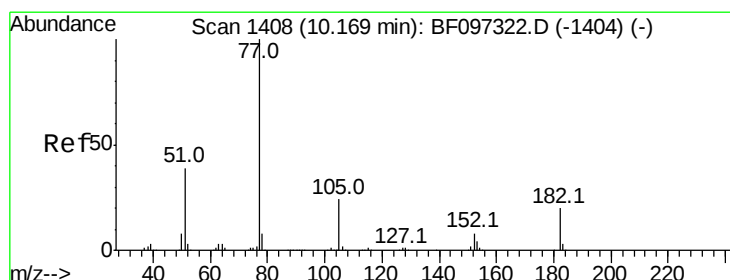
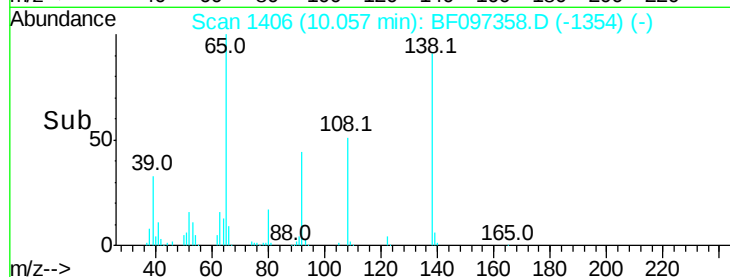
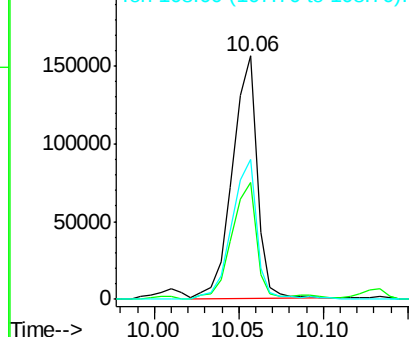


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 63.300 ng

RT: 10.17 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion:	77	Resp:	617571
Ion Ratio	Lower	Upper	
77	100		
182	23.4	0.1	40.1
105	24.3	3.6	43.6
51	37.0	9.4	49.4

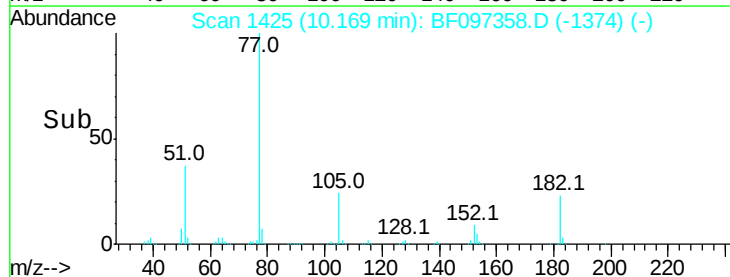
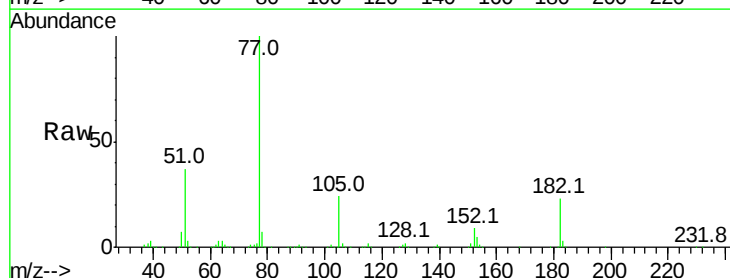
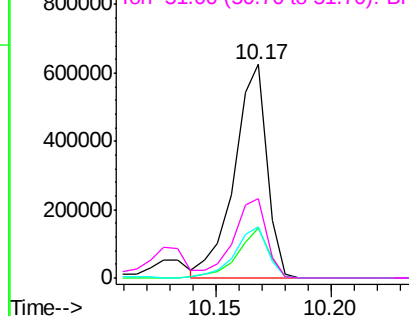
Abundance

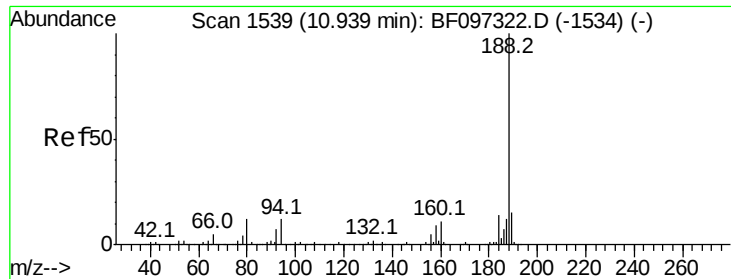
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





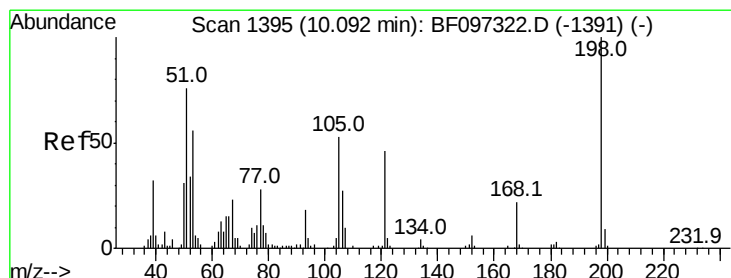
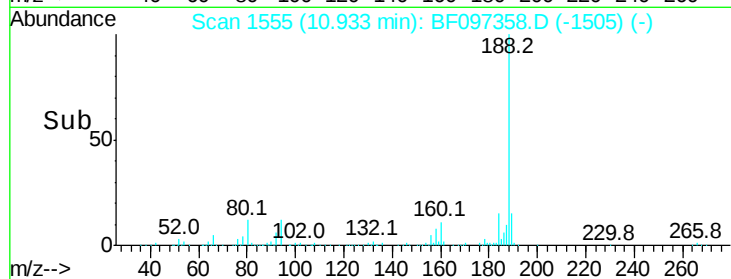
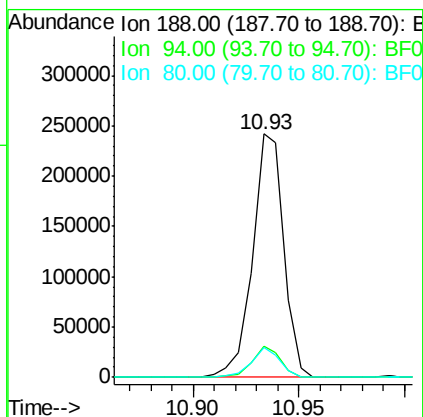
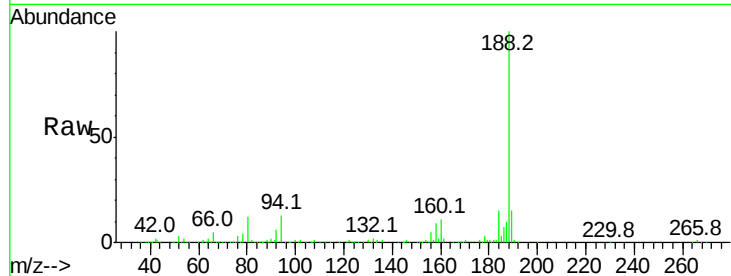
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	247690		
94	12.7		9.4	14.2
80	12.4		10.2	15.2

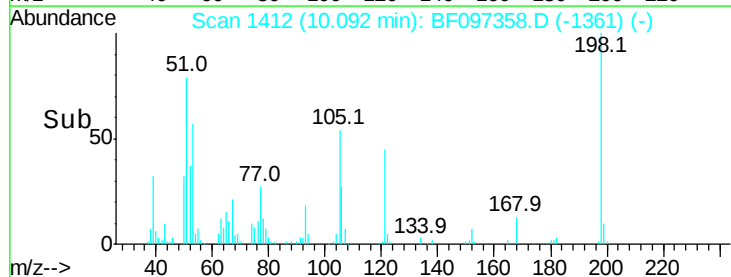
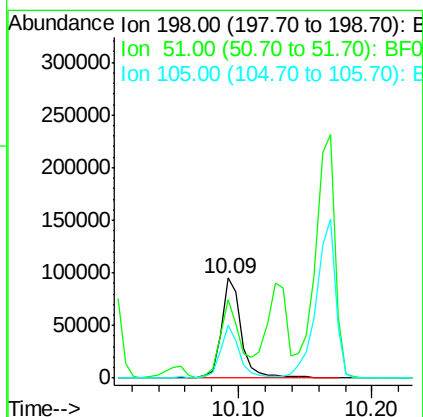
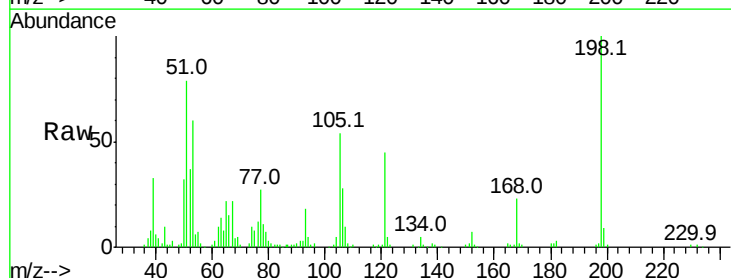
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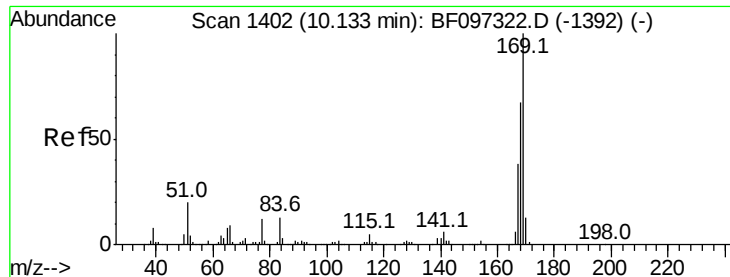
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#64
4,6-Dinitro-2-methylphenol
Concen: 65.301 ng
RT: 10.09 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	100506		
51	78.7		53.2	93.2
105	53.6		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 58.710 ng

RT: 10.13 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

Tot Ion:169 Resp: 505972

Ion Ratio Lower Upper

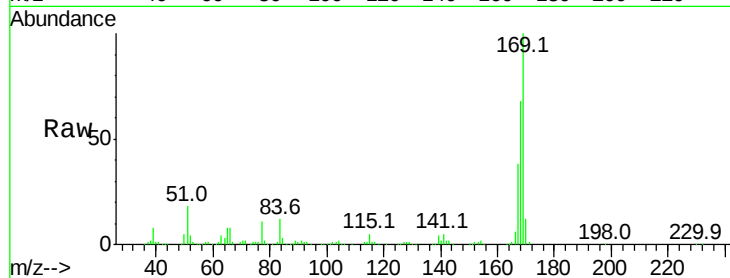
169 100

168 68.3 53.2 79.8

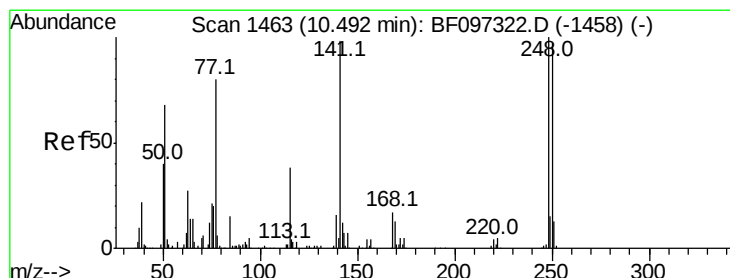
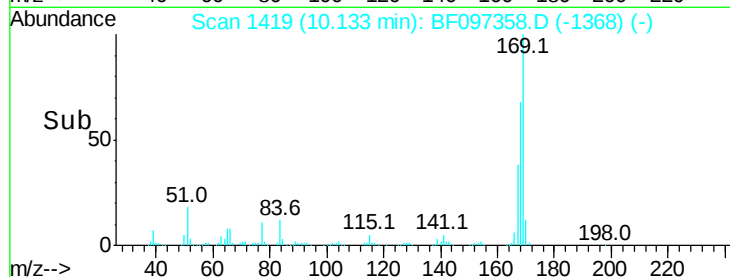
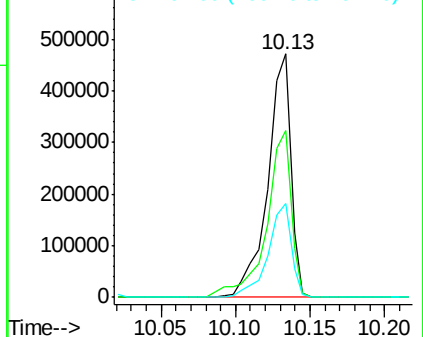
167 38.5 29.5 44.3

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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: 55.943 ng

RT: 10.49 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

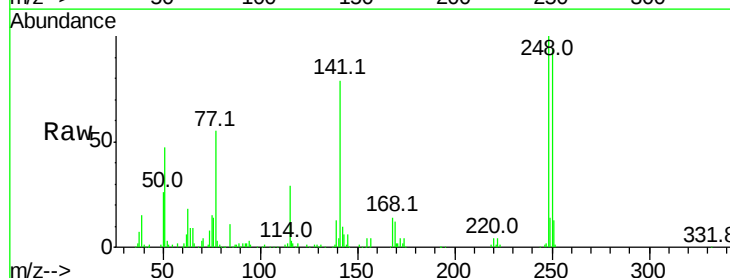
Tgt Ion:248 Resp: 138284

Ion Ratio Lower Upper

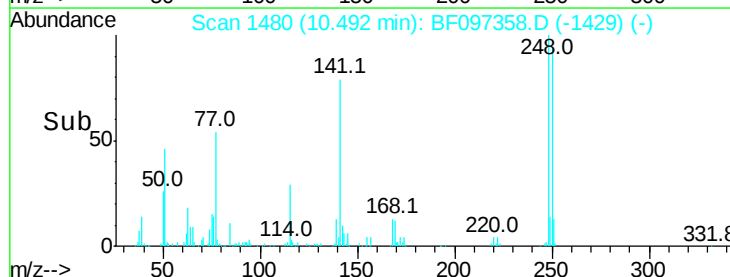
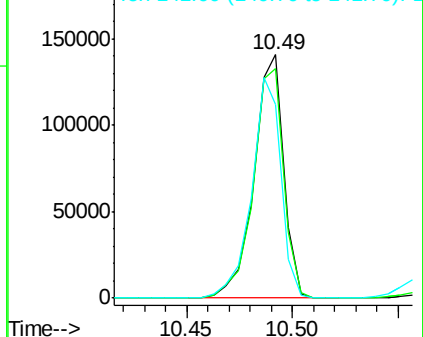
248 100

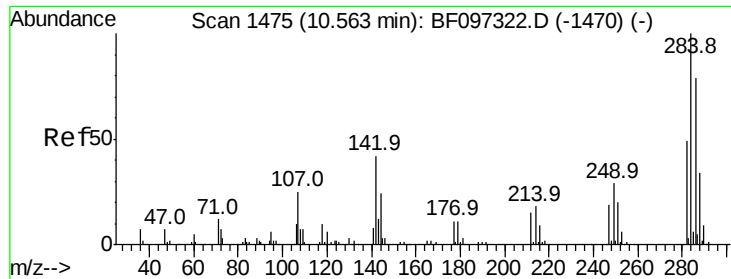
250 94.5 76.8 115.2

141 79.4 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: 51.156 ng

RT: 10.56 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

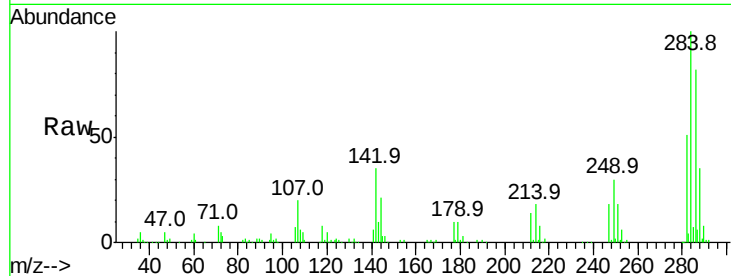
ClientSampleId :

A4129MS

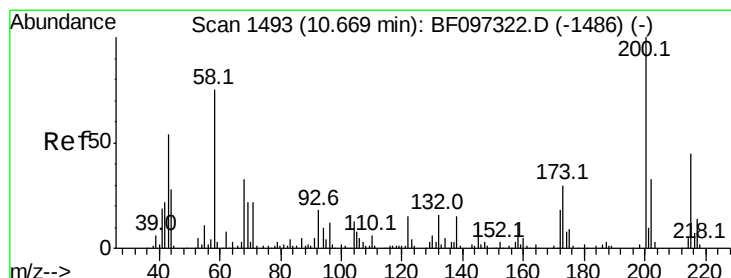
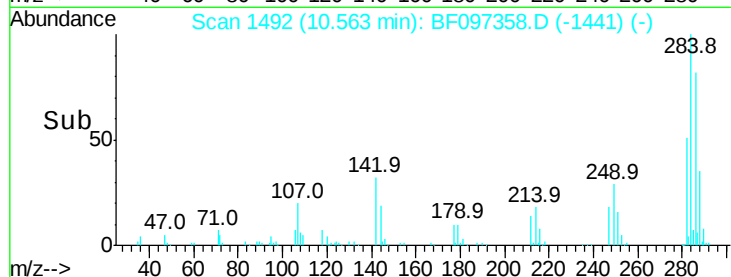
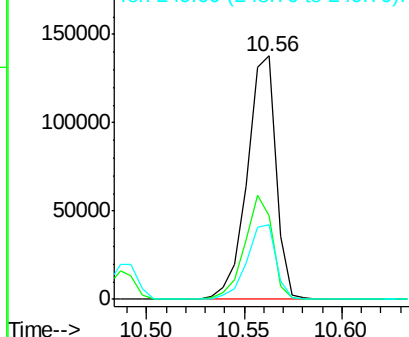
Tot Ion:	284	Resp:	141802
Ion Ratio		Lower	Upper
284	100		
142	34.5	22.8	34.2#
249	30.5	24.0	36.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.676 ng

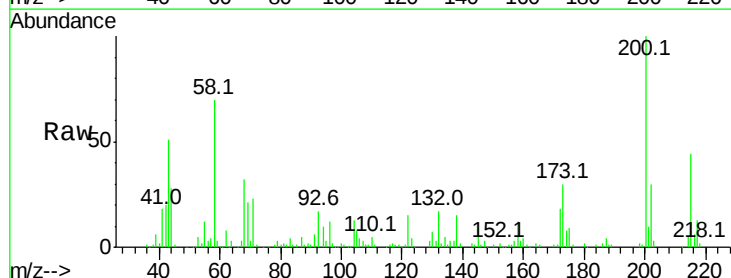
RT: 10.67 min Scan# 1510

Delta R.T. -0.00 min

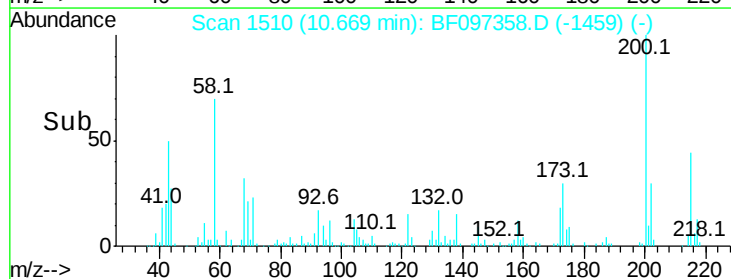
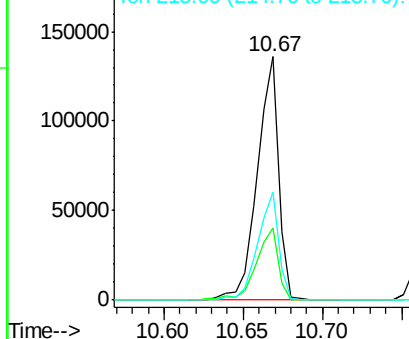
Lab File: BF097358.D

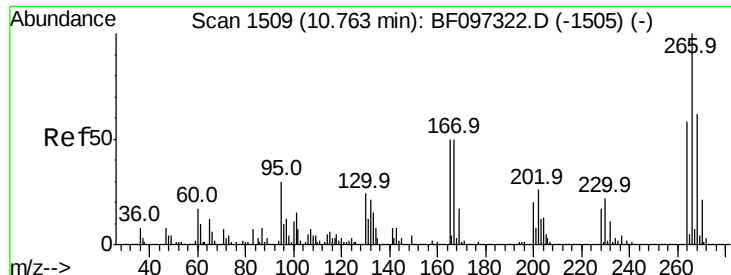
Acq: 4 Aug 2017 16:19

Tgt Ion:	200	Resp:	127706
Ion Ratio		Lower	Upper
200	100		
173	29.8	6.3	46.3
215	44.4	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





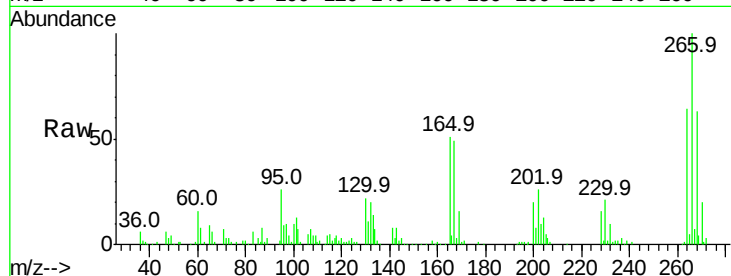
#69
 Pentachlorophenol
 Concen: 104.660 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 A4129MS

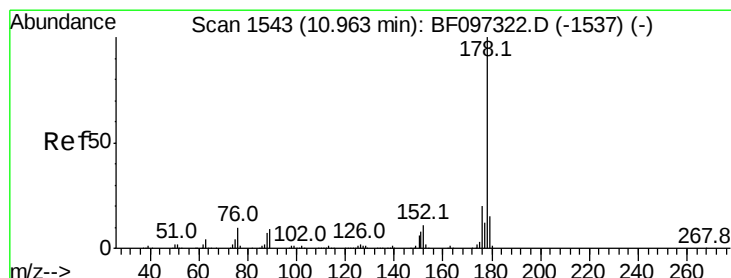
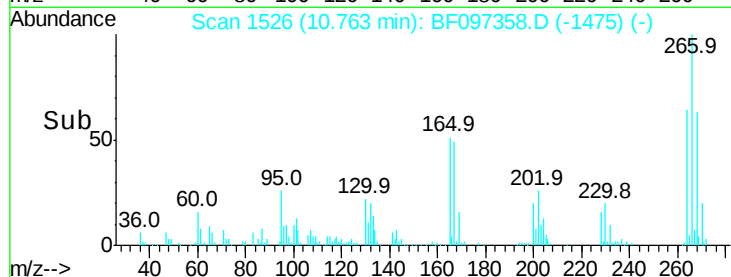
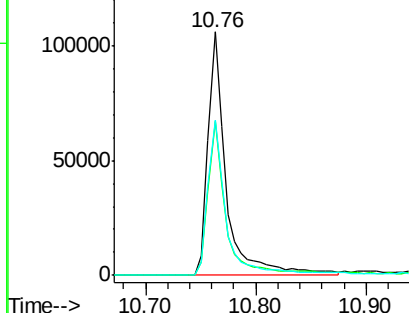
Tot Ion	Ratio	Resp	Lower	Upper
266	100	120036		
268	63.3		51.1	76.7
264	63.5		51.7	77.5

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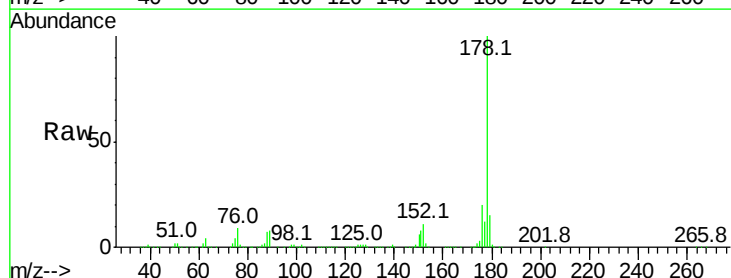


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

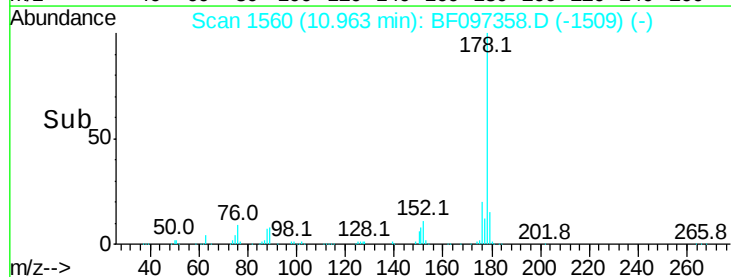
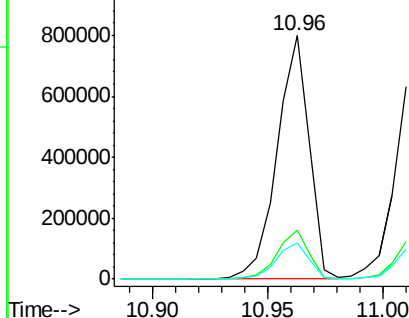


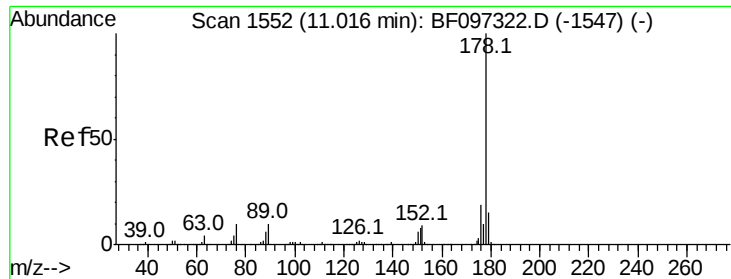
#70
 Phenanthrene
 Concen: 57.658 ng
 RT: 10.96 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	765193		
176	20.0		16.2	24.4
179	15.0		12.6	19.0



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





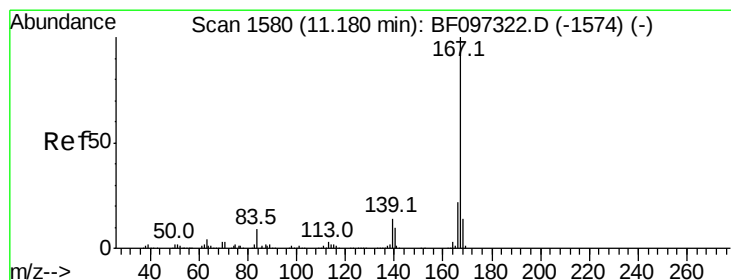
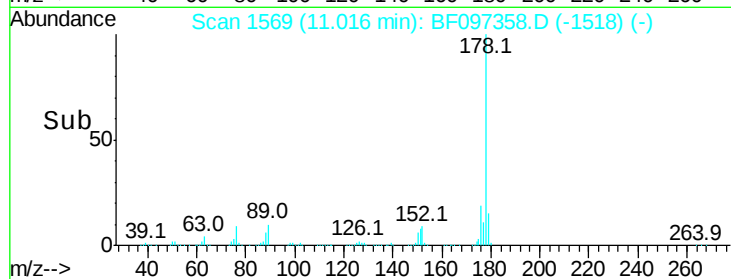
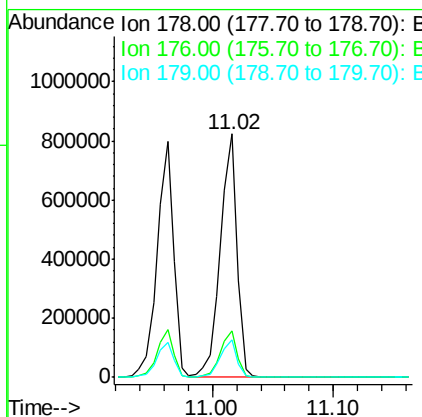
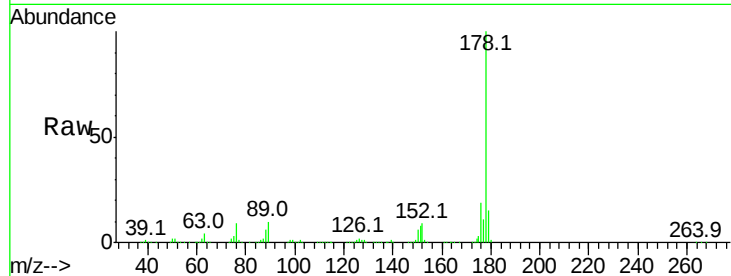
#71
 Anthracene
 Concen: 57.464 ng
 RT: 11.02 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 A4129MS

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

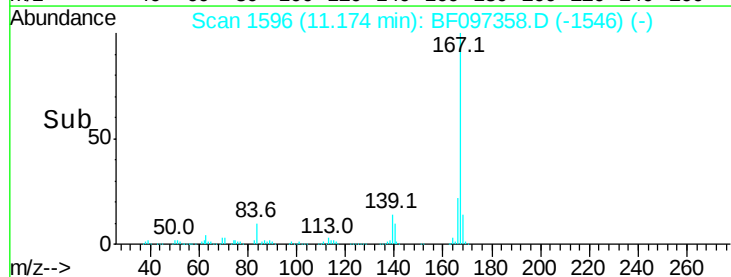
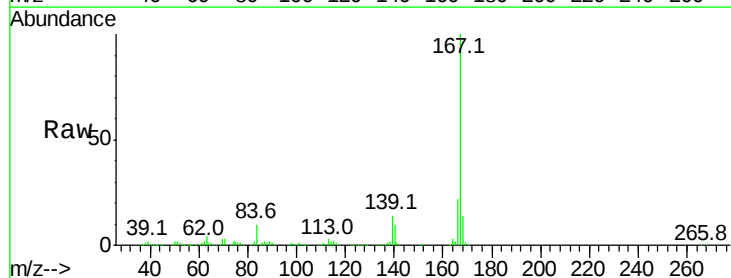
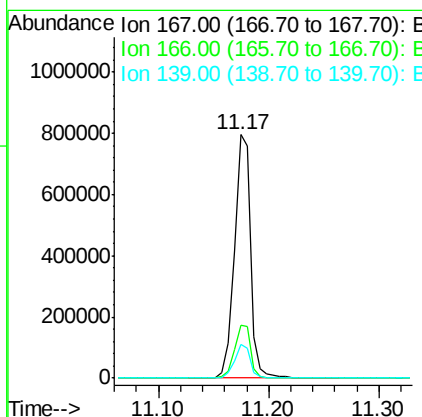
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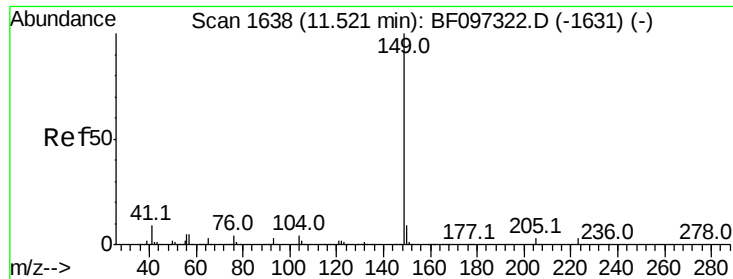
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#72
 Carbazole
 Concen: 60.897 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.9	11.7	17.5





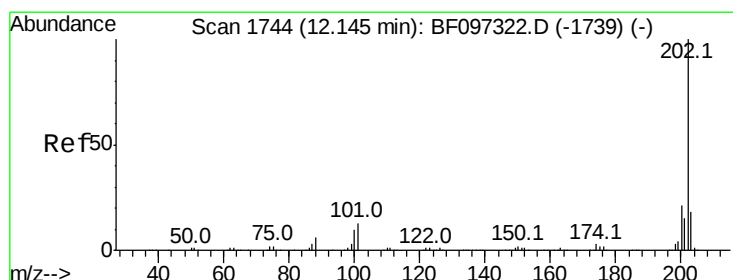
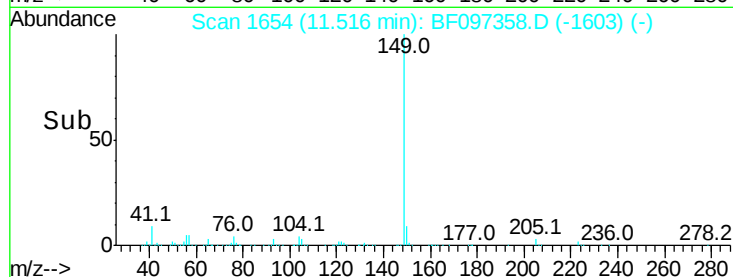
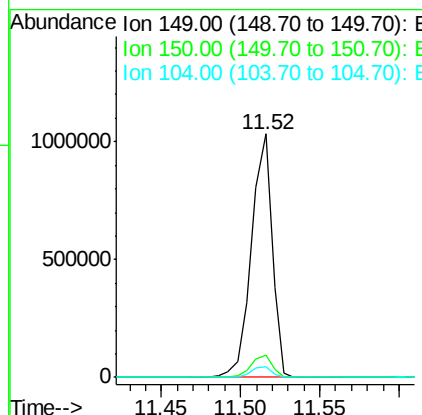
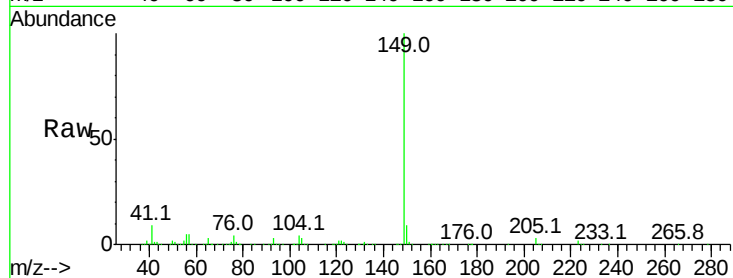
#73
Di-n-butylphthalate
Concen: 56.737 ng
RT: 11.52 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampled :
A4129MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.3	7.7	11.5
104	4.3	4.0	6.0

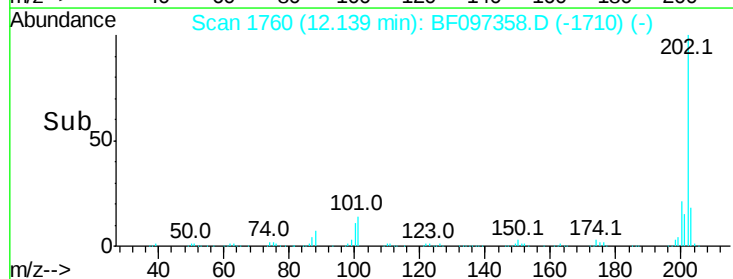
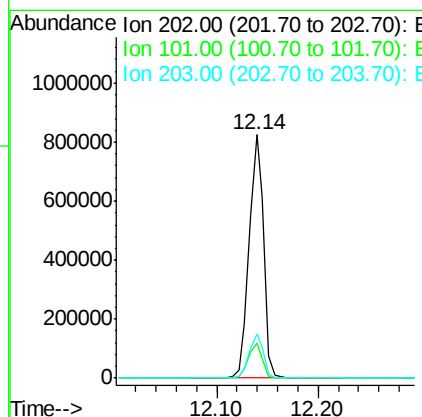
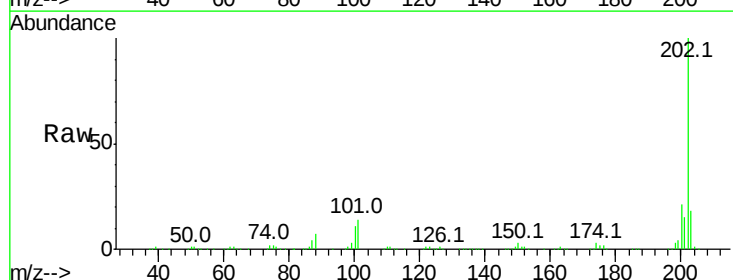
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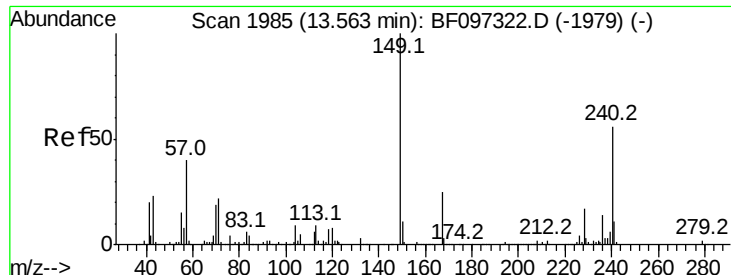
Sohil
8/7/2017 6:09:30 PM



#74
Fluoranthene
Concen: 62.717 ng
RT: 12.14 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

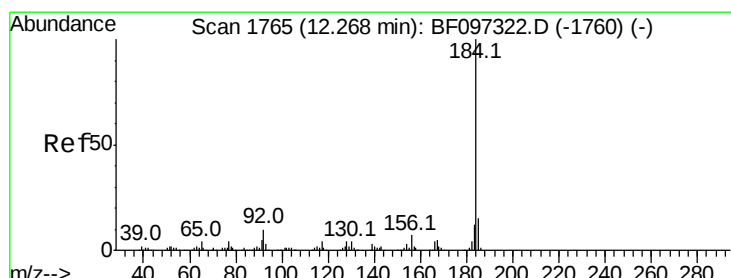
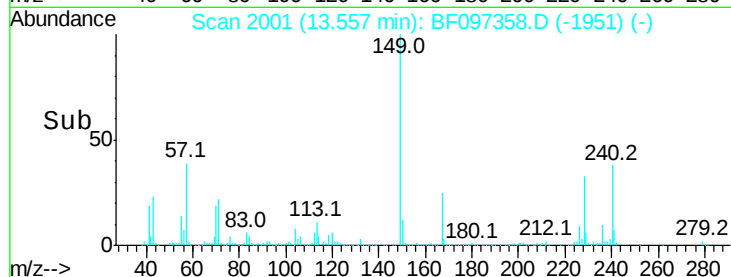
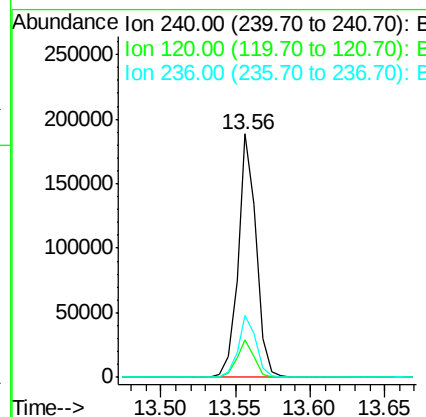
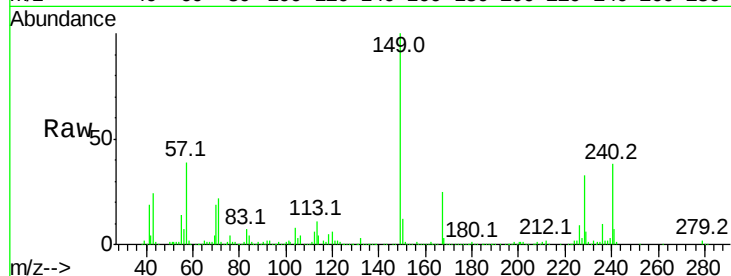
ClientSampled :

A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.5	5.8	8.8#	
236	25.6	20.5	30.7	

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#76

Benzidine

Concen: 5.641 ng

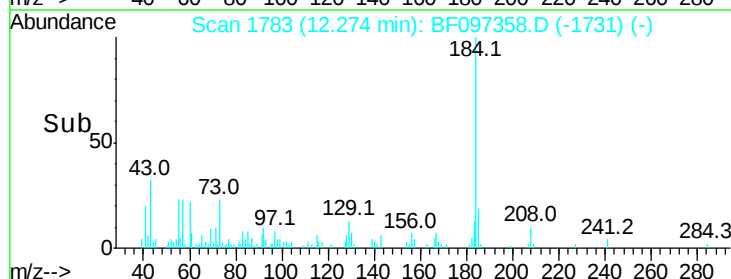
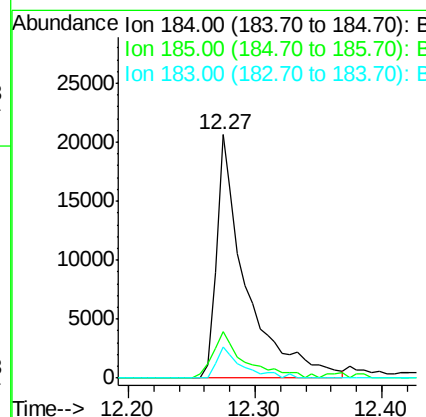
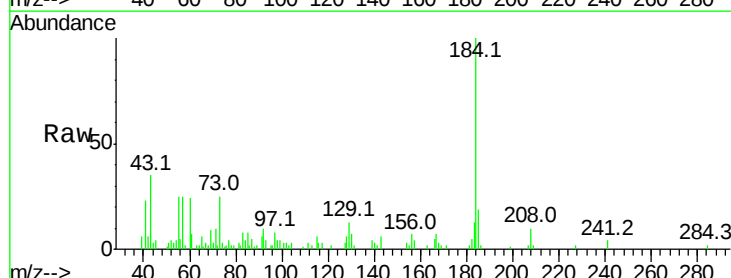
RT: 12.27 min Scan# 1783

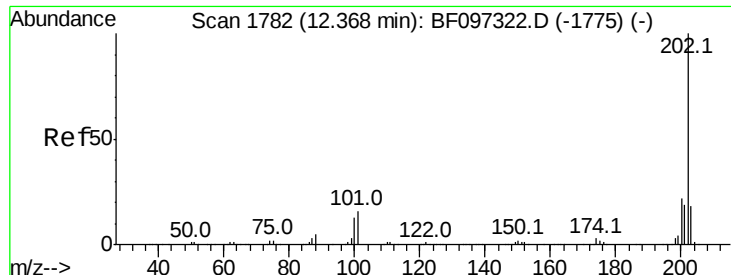
Delta R.T. 0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	19.3	15.5	23.3	
183	12.6	9.8	14.6	





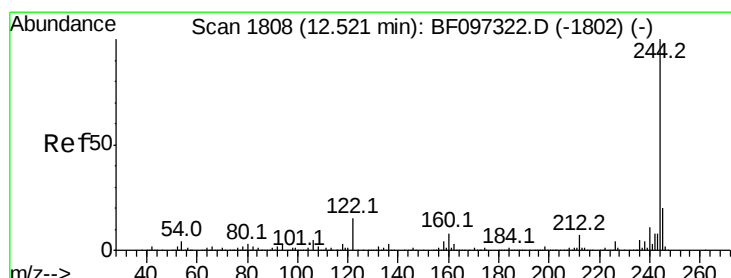
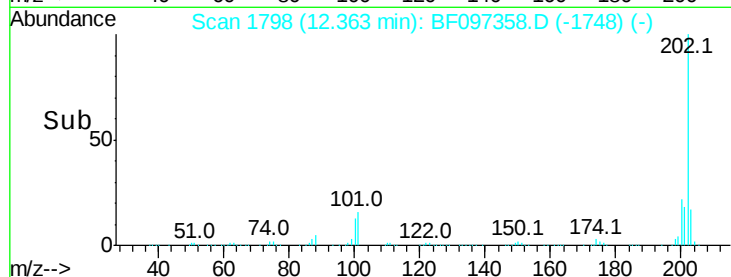
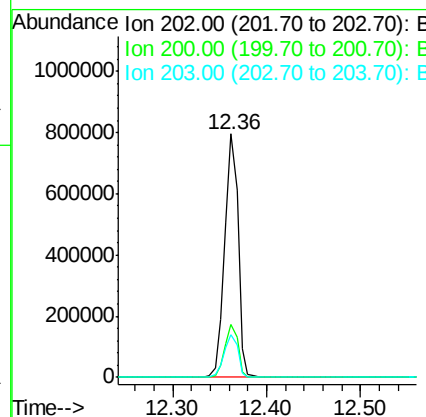
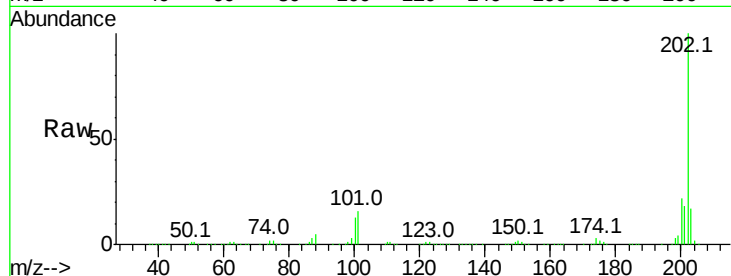
#77
Pvrene
Concen: 60.978 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampled :
A4129MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.4	14.4	21.6

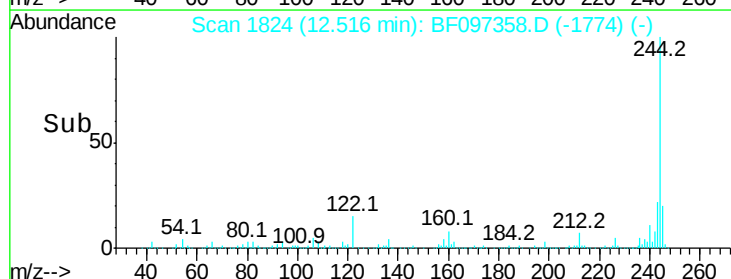
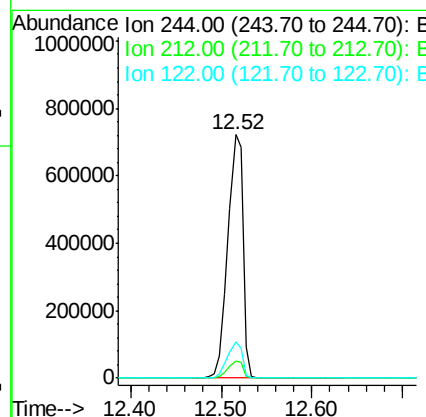
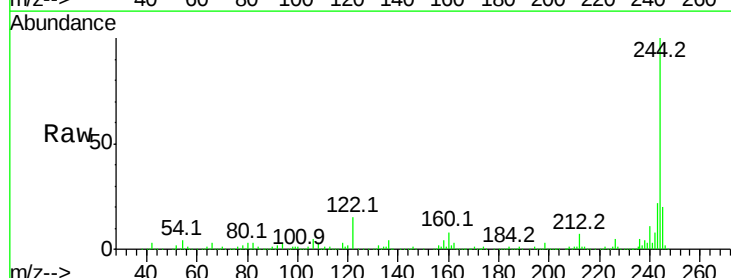
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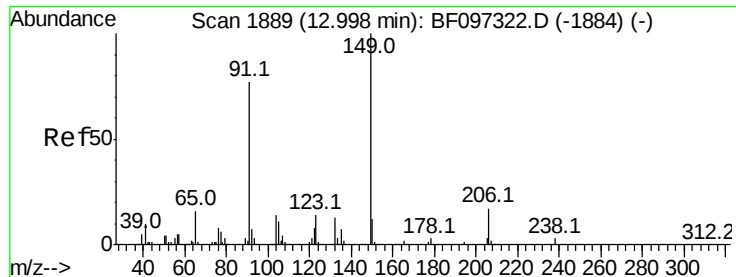
Sohil
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#78
Terphenyl-d14
Concen: 105.610 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	15.1	10.3	15.5





#79

Butylbenzylphthalate

Concen: 62.972 ng

RT: 12.99 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

A4129MS

Tot Ion:149 Resp: 419622

Ion Ratio Lower Upper

149 100

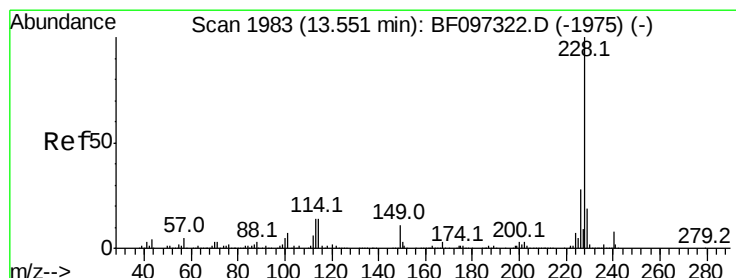
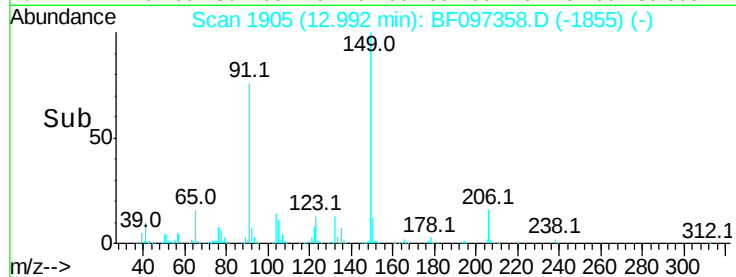
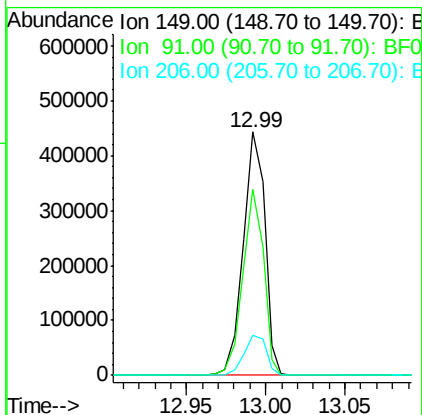
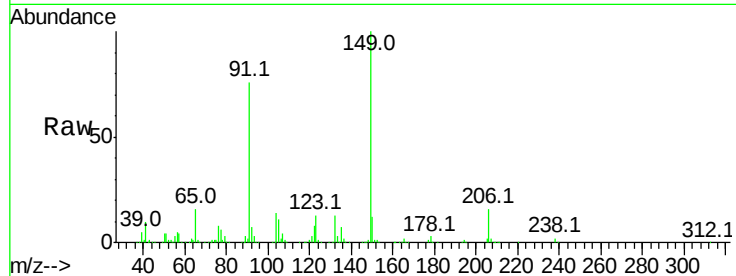
91 76.4 45.0 67.4#

206 16.3 17.0 25.6#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 57.420 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

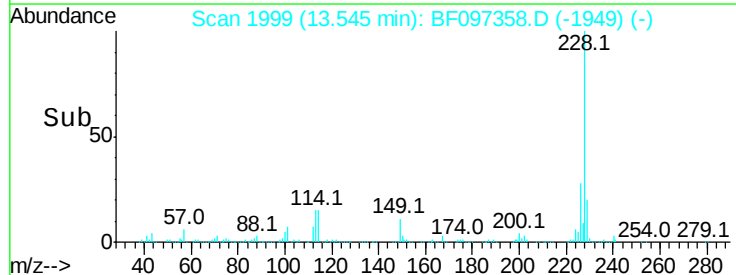
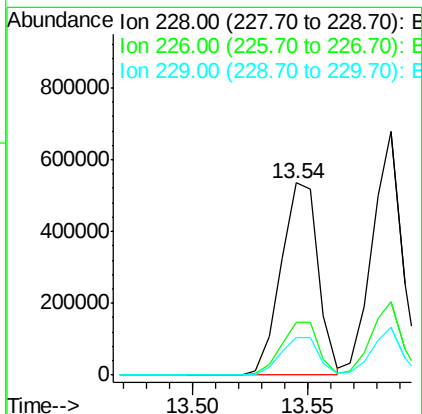
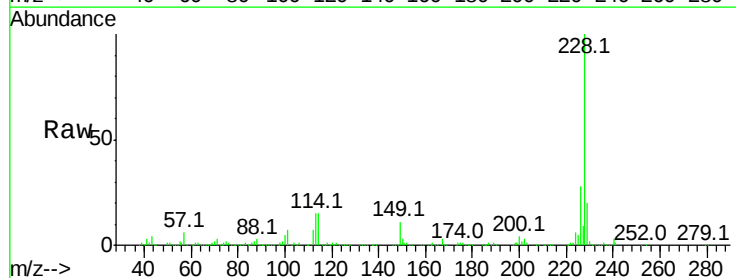
Tgt Ion:228 Resp: 594511

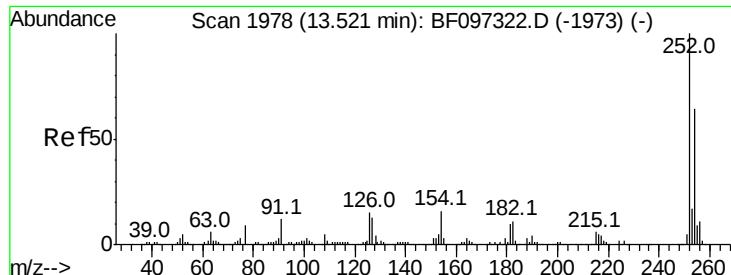
Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

229 19.6 16.3 24.5





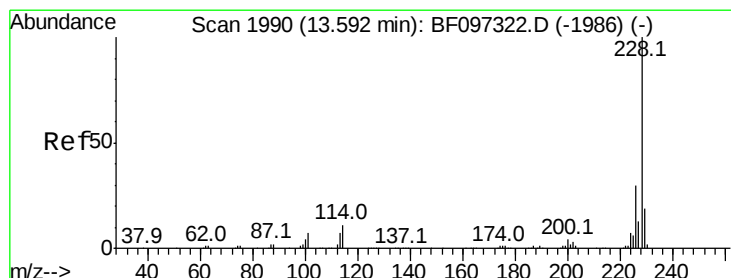
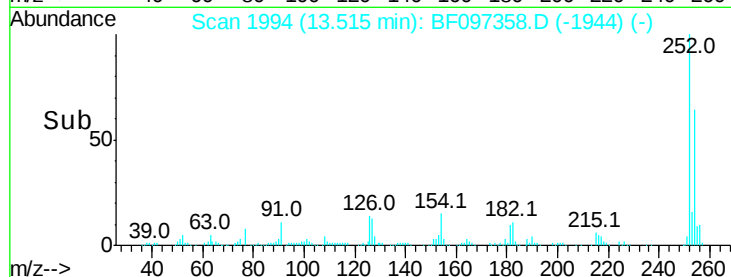
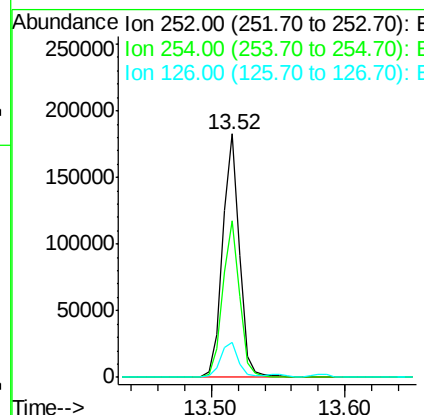
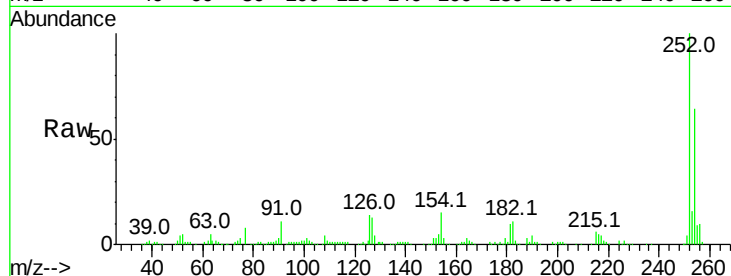
#81
 3,3'-Dichlorobenzidine
 Concen: 41.881 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 A4129MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	51.5	77.3
126	14.3	15.8	23.8

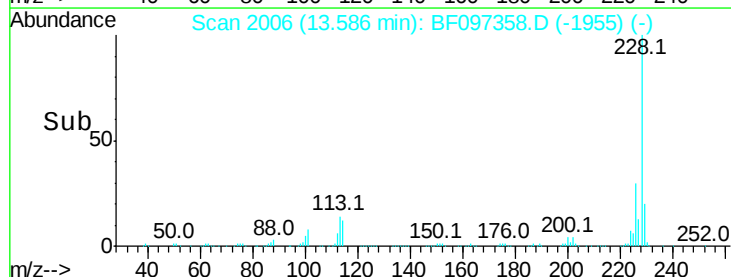
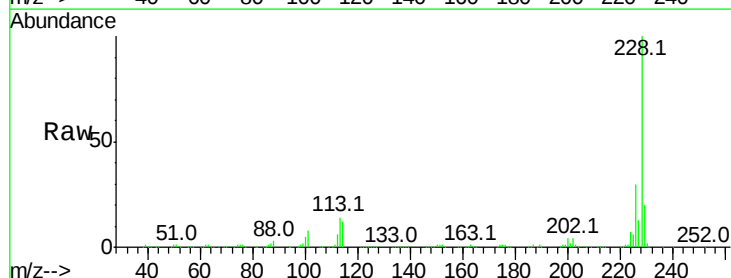
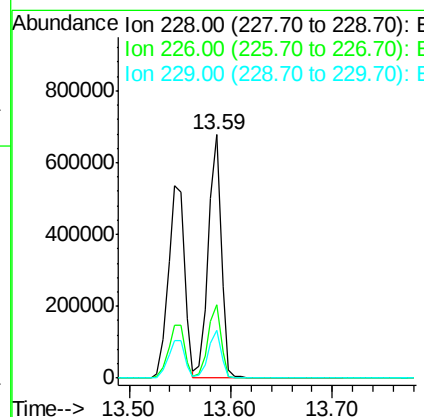
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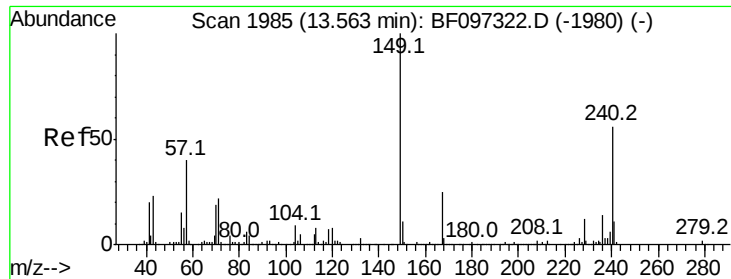
Sohil
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#82
 Chrysene
 Concen: 59.343 ng
 RT: 13.59 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.759 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

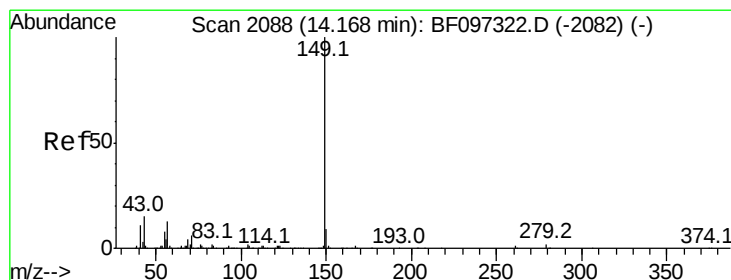
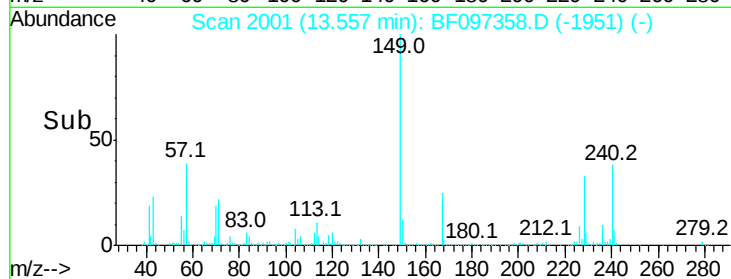
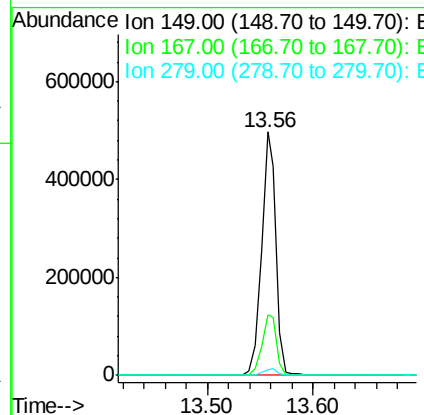
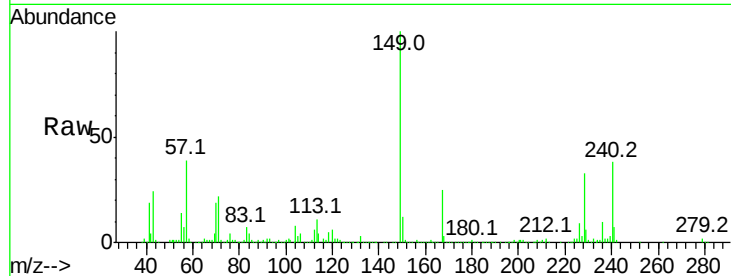
ClientSampleId :

A4129MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	476422		
167	25.0	21.0	31.4	
279	2.5	1.9	2.9	

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 53.555 ng

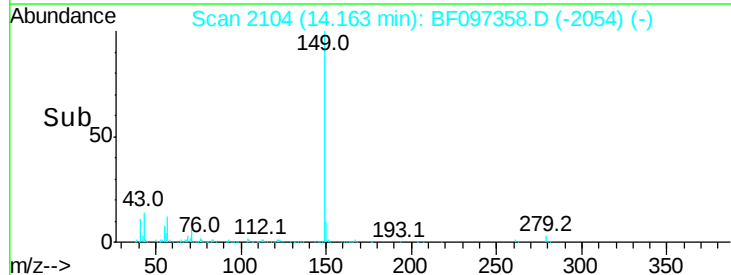
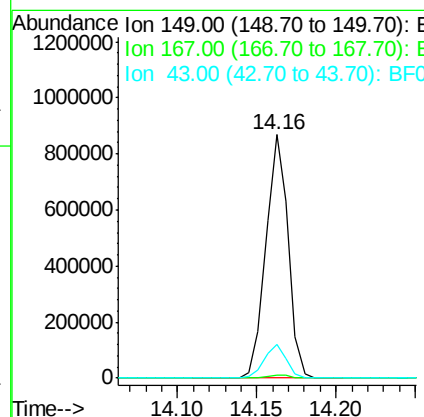
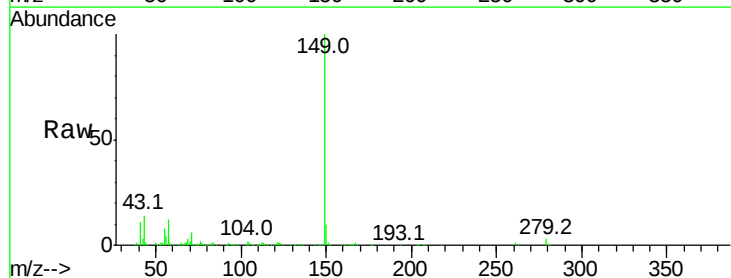
RT: 14.16 min Scan# 2104

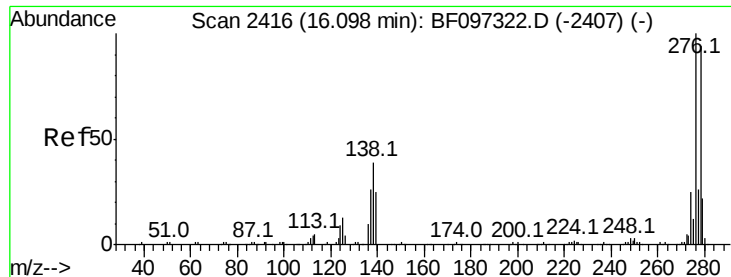
Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	855078		
167	1.5	1.2	1.8	
43	13.4	8.5	12.7	





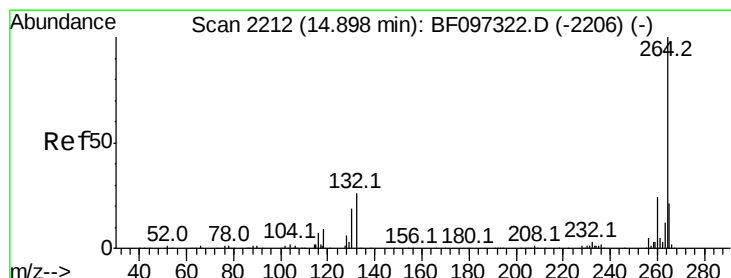
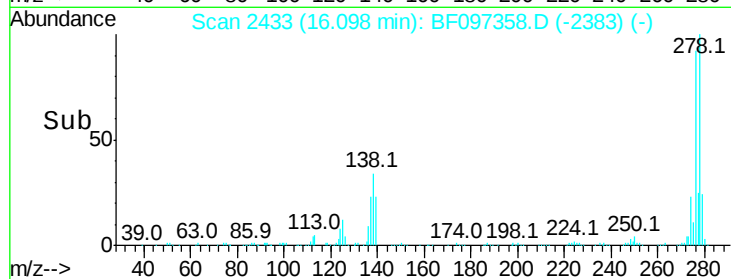
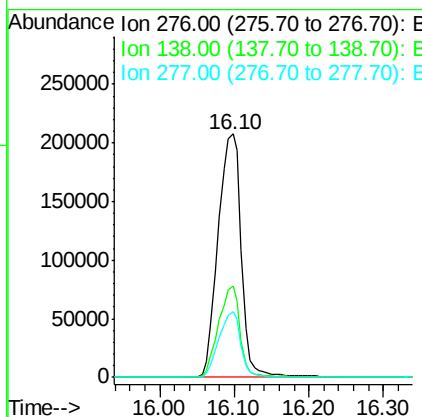
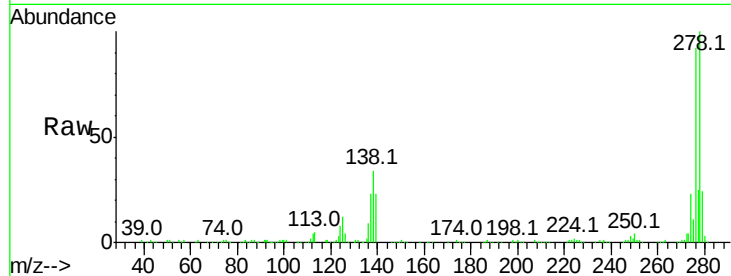
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.901 ng
 RT: 16.10 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 A4129MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.5	20.2	30.4

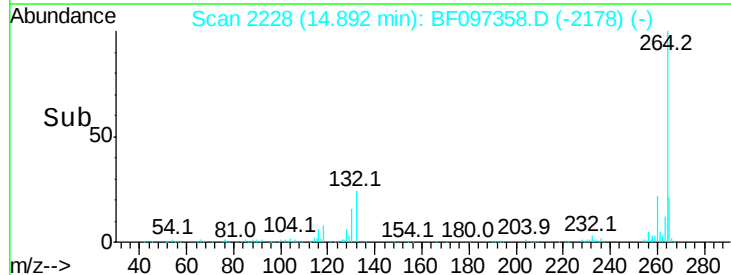
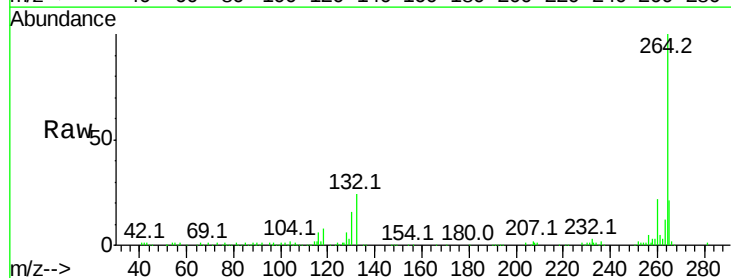
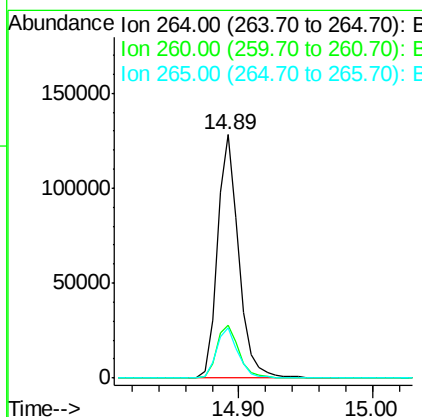
Manual Integrations
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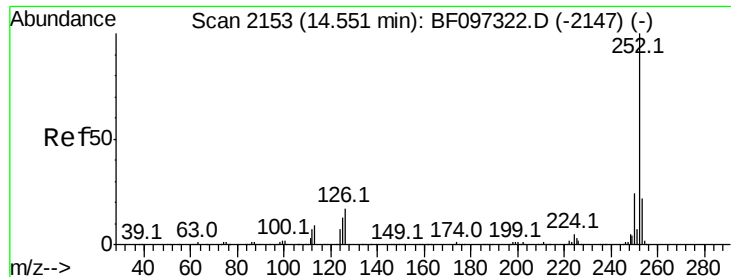
Sohil
 8/7/2017 6:09:30 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 59.889 ng

RT: 14.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Instrument :

BNA_F

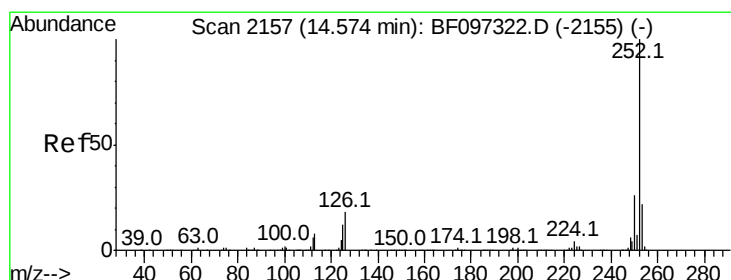
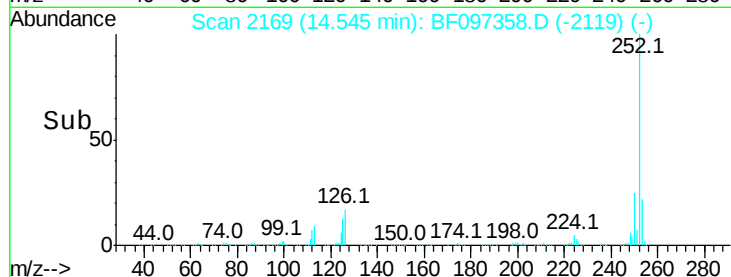
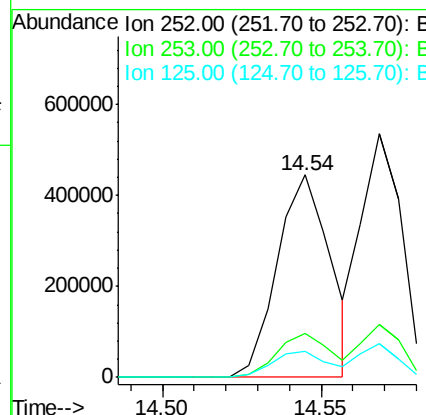
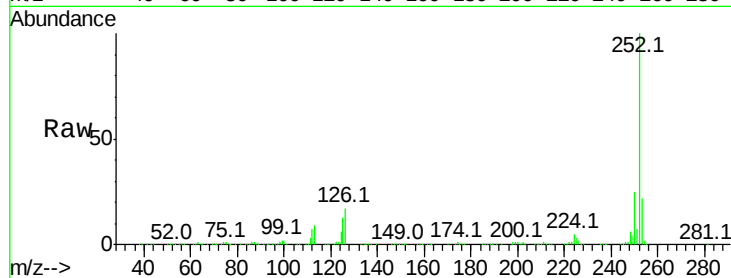
ClientSampleId :

A4129MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.8	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 59.010 ng

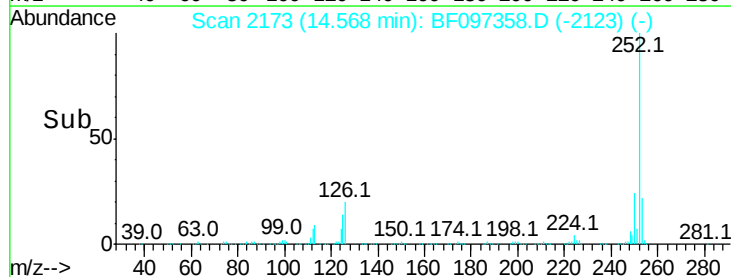
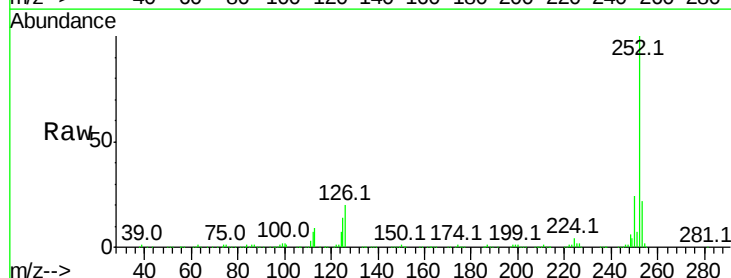
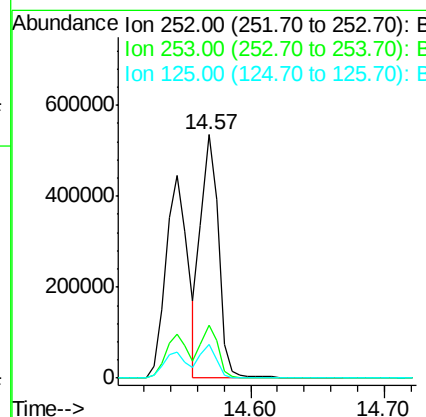
RT: 14.57 min Scan# 2173

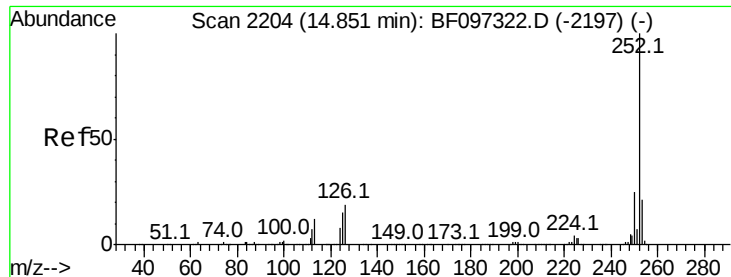
Delta R.T. -0.01 min

Lab File: BF097358.D

Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.6	13.1	19.7





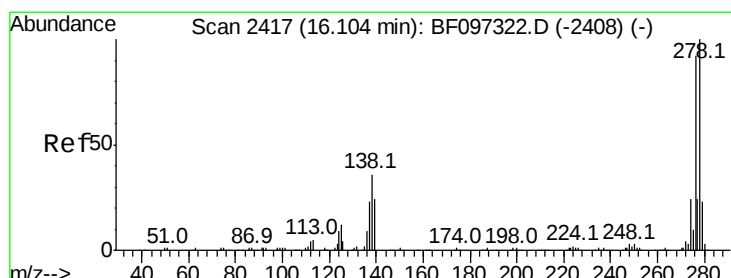
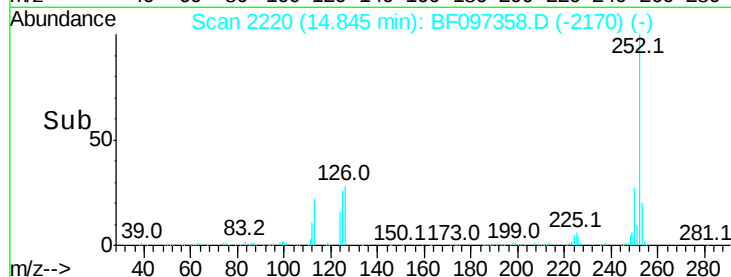
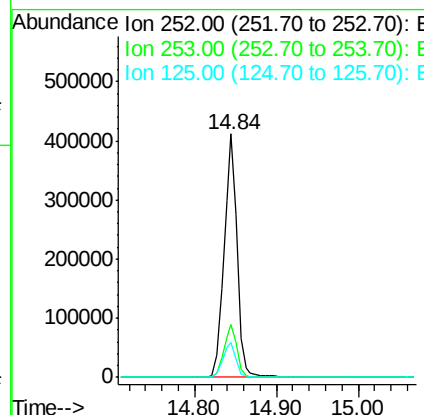
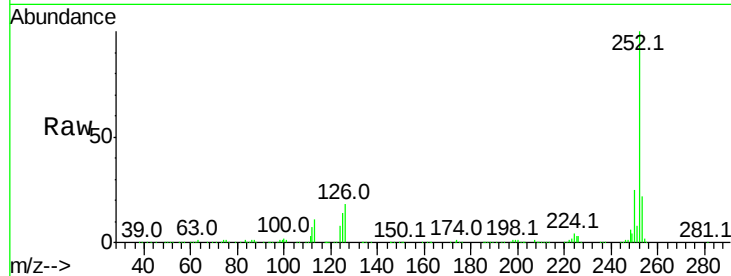
#89
Benzo(a)pyrene
Concen: 57.687 ng
RT: 14.84 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Instrument :
BNA_F
ClientSampled :
A4129MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.4	11.0	16.4

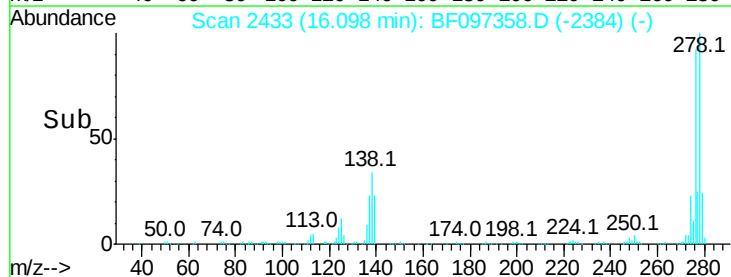
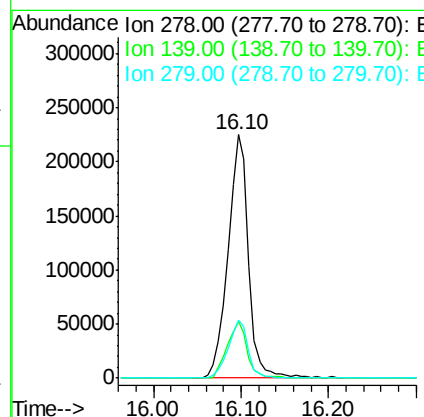
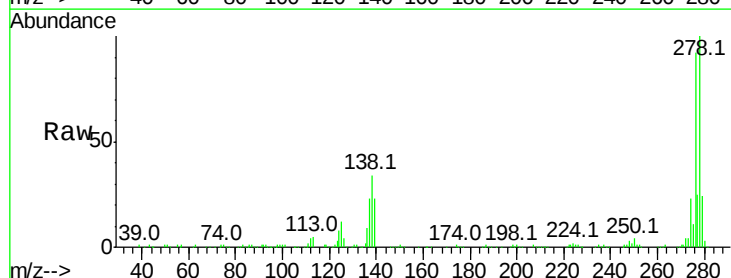
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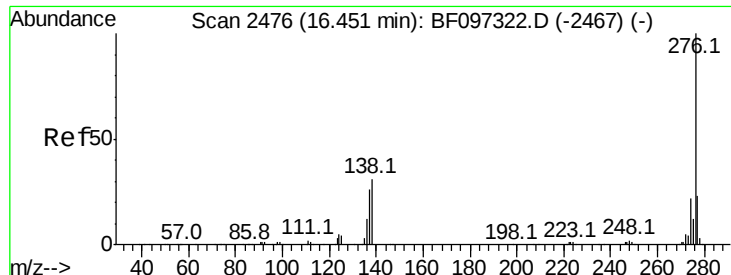
Sohil
8/7/2017 6:09:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.352 ng
RT: 16.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BF097358.D
Acq: 4 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 59.140 ng
 RT: 16.44 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BF097358.D
 Acq: 4 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 A4129MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	31.7	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:09:30 PM

