

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097506.D
 Acq On : 9 Aug 2017 9:27
 Operator : SJ/JU
 Sample : I4592-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:58 PM

Quant Time: Aug 09 17:17:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	100300	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	378894	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	150716	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	211646	20.00	ng	0.00
75) Chrysene-d12	13.53	240	141045	20.00	ng	0.00
86) Perylene-d12	14.87	264	115510	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	835173	125.52	ng	0.02
7) Phenol-d6	6.09	99	889428	117.10	ng	0.00
23) Nitrobenzene-d5	6.99	82	581523	90.04	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	153759	129.12	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	923224	103.96	ng	0.00
78) Terphenyl-d14	12.49	244	604783	87.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	122165	43.999	ng	# 65
3) Pyridine	2.68	79	266259m	31.317	ng	
4) n-Nitrosodimethylamine	2.61	42	216156	45.892	ng	82
6) Aniline	6.08	93	86407	9.040	ng	# 67
8) 2-Chlorophenol	6.20	128	305993	43.010	ng	92
9) Benzaldehyde	5.98	77	22399	4.982	ng	99
10) Phenol	6.10	94	316145	35.090	ng	97
11) bis(2-Chloroethyl)ether	6.16	93	315909	44.333	ng	88
12) 1,3-Dichlorobenzene	6.35	146	323854	42.240	ng	97
13) 1,4-Dichlorobenzene	6.43	146	327180	43.061	ng	97
14) 1,2-Dichlorobenzene	6.58	146	275287	41.495	ng	96
15) Benzyl Alcohol	6.58	79	232562	48.359	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.70	45	594261	41.579	ng	98
17) 2-Methylphenol	6.71	107	240798	43.855	ng	# 91
18) Hexachloroethane	6.91	117	97665	35.135	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	212646	42.532	ng	# 83
20) 3+4-Methylphenols	6.87	107	327038	45.603	ng	# 61
22) Acetophenone	6.83	105	410819	45.150	ng	# 97
24) Nitrobenzene	7.00	77	290279	43.154	ng	93
25) Isophorone	7.25	82	521847	41.257	ng	96
26) 2-Nitrophenol	7.32	139	136795	37.589	ng	# 87
27) 2,4-Dimethylphenol	7.39	122	254152	42.336	ng	96
28) bis(2-Chloroethoxy)methane	7.46	93	374912	45.420	ng	99
29) 2,4-Dichlorophenol	7.58	162	253195	48.958	ng	97
30) 1,2,4-Trichlorobenzene	7.64	180	222092	45.054	ng	98
31) Naphthalene	7.71	128	794870	44.504	ng	100
32) Benzoic acid	7.57	122	170086	37.943	ng	91
33) 4-Chloroaniline	7.79	127	80478	11.074	ng	99
34) Hexachlorobutadiene	7.83	225	114881	43.959	ng	98
35) Caprolactam	8.16	113	70878	42.741	ng	# 53
36) 4-Chloro-3-methylphenol	8.30	107	258704	45.852	ng	88
37) 2-Methylnaphthalene	8.40	142	559131	49.443	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	199543	49.619	ng	99
40) Hexachlorocyclopentadiene	8.56	237	8268	11.986	ng	97

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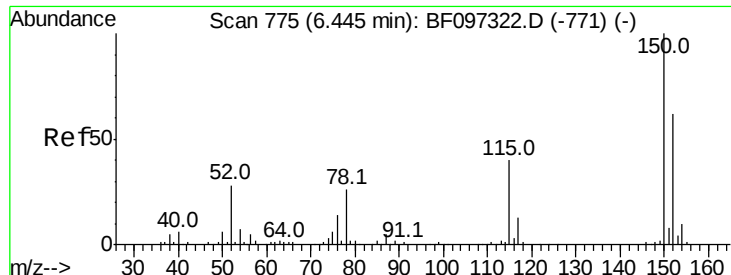
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	134187	46.045	nq	99
43) 2,4,5-Trichlorophenol	8.76	196	121756	41.741	nq	97
45) 1,1'-Biphenyl	8.87	154	612945	47.614	nq	98
46) 2-Chloronaphthalene	8.89	162	459244	48.478	nq	95
47) 2-Nitroaniline	9.00	65	187282	54.474	nq	95
48) Acenaphthylene	9.30	152	673417	46.313	nq	98
49) Dimethylphthalate	9.18	163	571664	49.948	nq	98
50) 2,6-Dinitrotoluene	9.25	165	107859	44.433	nq	# 73
51) Acenaphthene	9.47	154	399692	46.666	nq	98
52) 3-Nitroaniline	9.42	138	81280	26.976	nq	91
53) 2,4-Dinitrophenol	9.56	184	11100	10.057	nq	# 69
54) Dibenzofuran	9.64	168	591204	51.822	nq	94
55) 4-Nitrophenol	9.63	139	56536m	31.553	nq	
56) 2,4-Dinitrotoluene	9.66	165	129849	46.532	nq	# 77
57) Fluorene	9.98	166	408435	47.634	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.78	232	96186	47.758	nq	98
59) Diethylphthalate	9.87	149	525734	50.069	nq	100
60) 4-Chlorophenyl-phenylether	9.97	204	174182	49.193	nq	98
61) 4-Nitroaniline	10.03	138	119882	41.874	nq	92
62) Azobenzene	10.14	77	487565	50.053	nq	92
64) 4,6-Dinitro-2-methylphenol	10.08	198	11299	8.591	nq	# 63
65) n-Nitrosodiphenylamine	10.10	169	381829	51.851	nq	96
66) 4-Bromophenyl-phenylether	10.46	248	110323	52.232	nq	99
67) Hexachlorobenzene	10.53	284	108983	46.012	nq	# 91
68) Atrazine	10.63	200	67780	32.098	nq	95
69) Pentachlorophenol	10.74	266	70049	71.478	nq	98
70) Phenanthrene	10.93	178	553572	48.816	nq	99
71) Anthracene	10.99	178	557873	48.032	nq	99
72) Carbazole	11.15	167	512916	44.903	nq	99
73) Di-n-butylphthalate	11.49	149	712479	50.459	nq	99
74) Fluoranthene	12.11	202	557330	50.168	nq	97
76) Benzidine	12.25	184	57537	10.994	nq	# 94
77) Pyrene	12.34	202	560826	48.569	nq	99
79) Butylbenzylphthalate	12.97	149	286820	48.832	nq	# 78
80) Benzo(a)anthracene	13.52	228	414571	45.426	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	101085	29.372	nq	# 95
82) Chrysene	13.56	228	423703	47.546	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	350771	45.739	nq	98
84) Di-n-octyl phthalate	14.14	149	635988	45.191	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.06	276	297128	38.884	nq	97
87) Benzo(b)fluoranthene	14.53	252	338143	48.699	nq	97
88) Benzo(k)fluoranthene	14.55	252	349941m	52.888	nq	
89) Benzo(a)pyrene	14.82	252	316013	49.727	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	249576	47.891	nq	95
91) Benzo(g,h,i)perylene	16.41	276	244956	44.823	nq	99

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



#1

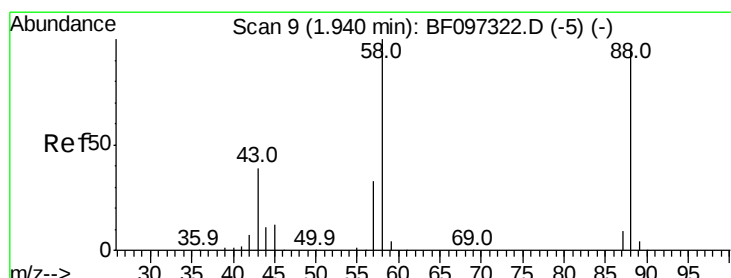
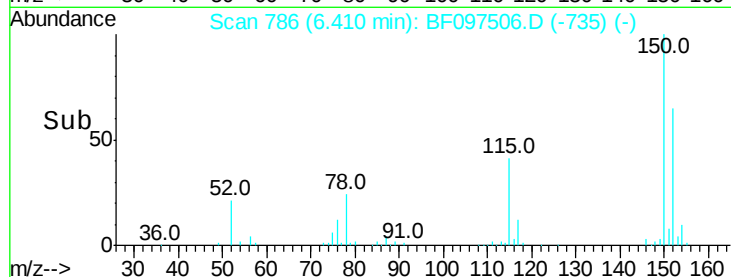
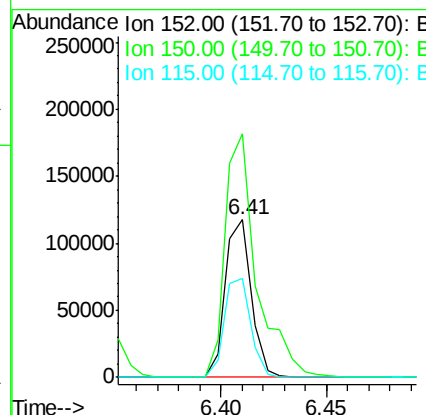
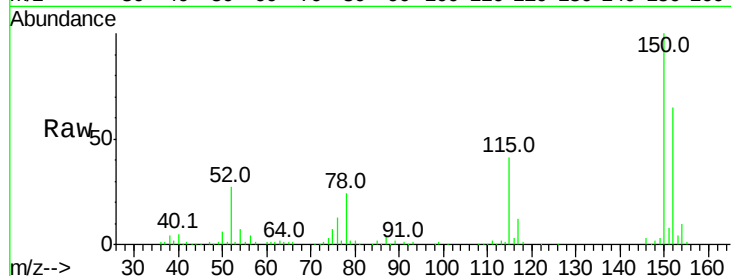
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	62.7	52.2	78.2

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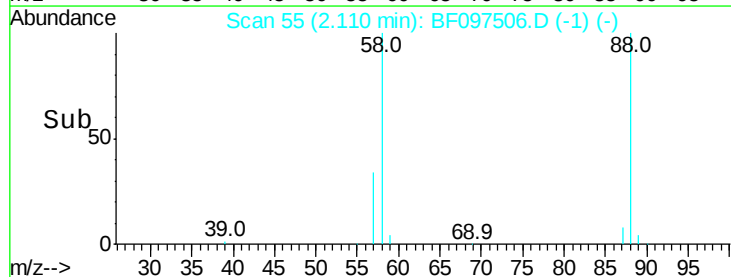
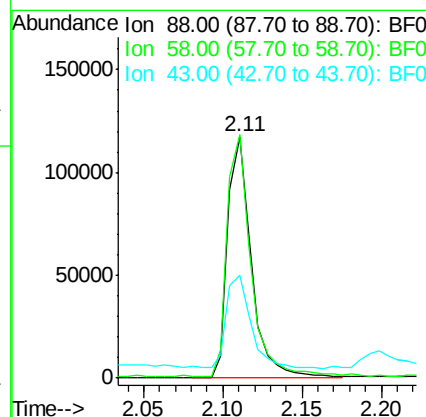
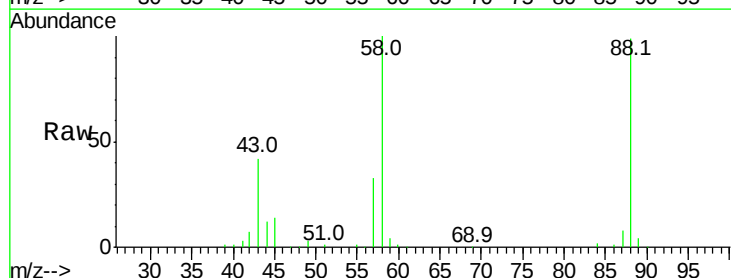
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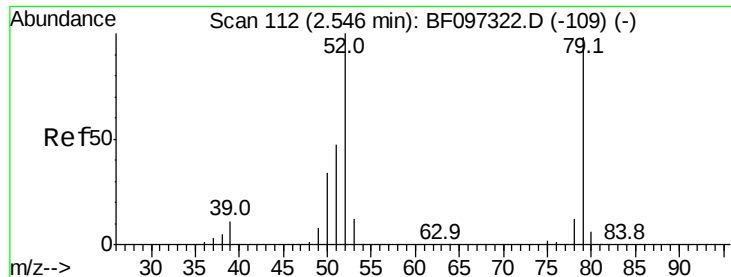


#2

1,4-Dioxane
Concen: 43.999 ng
RT: 2.11 min Scan# 55
Delta R.T. 0.21 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	61.4	92.0#
43	0.0	23.4	35.0#





#3

Pvridine

Concen: 31.317 ng/ml

RT: 2.68 min Scan# 151

Delta R.T. 0.18 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

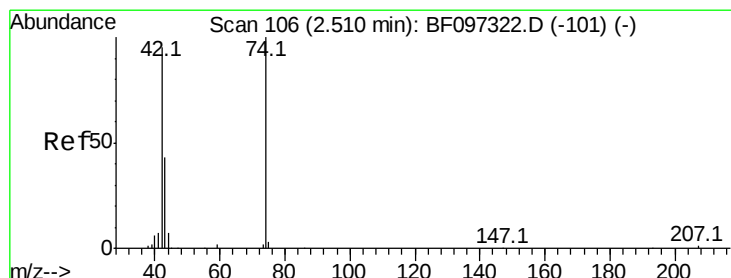
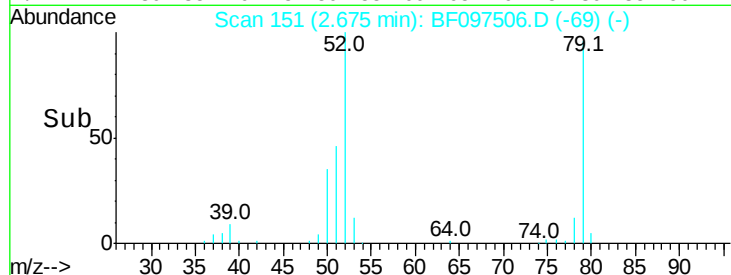
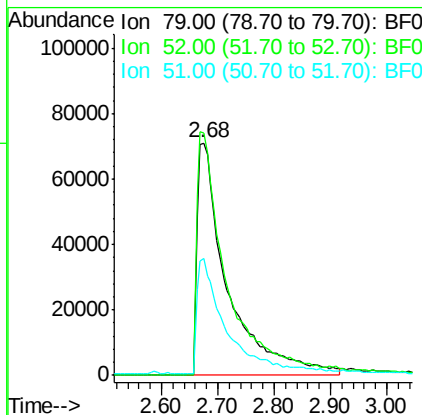
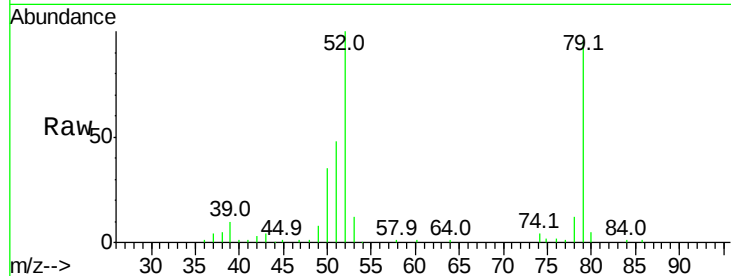
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	79	Resp:	266259
Ion Ratio	Lower	Upper	
79	100		
52	104.3	54.8	82.2#
51	50.2	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 45.892 ng/ml

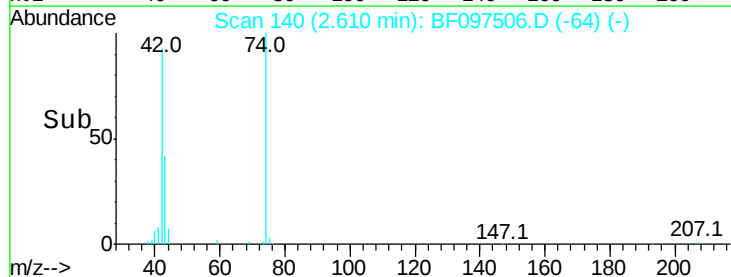
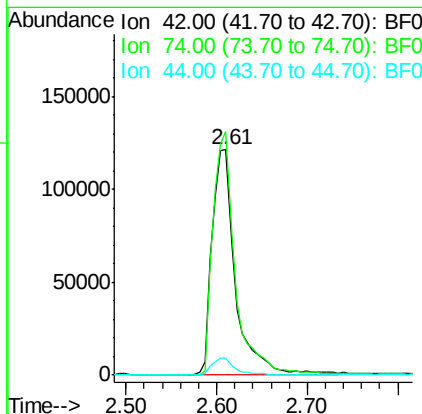
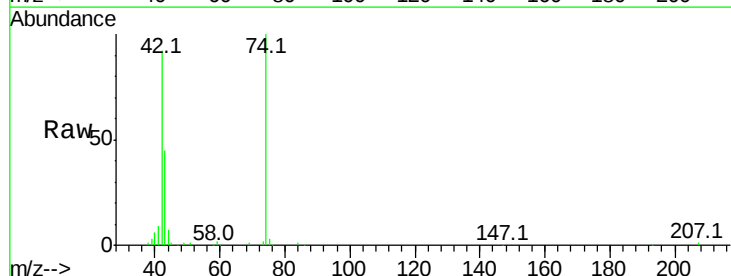
RT: 2.61 min Scan# 140

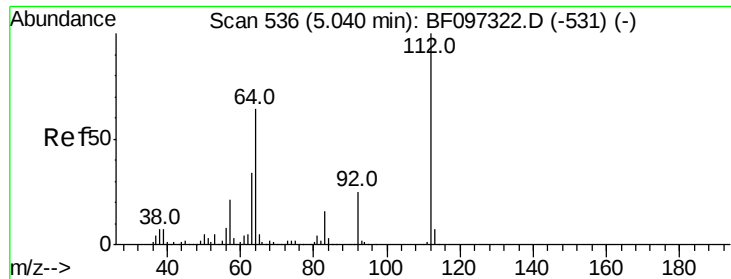
Delta R.T. 0.15 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	42	Resp:	216156
Ion Ratio	Lower	Upper	
42	100		
74	108.2	103.9	155.9
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 125.525 ng

RT: 5.03 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

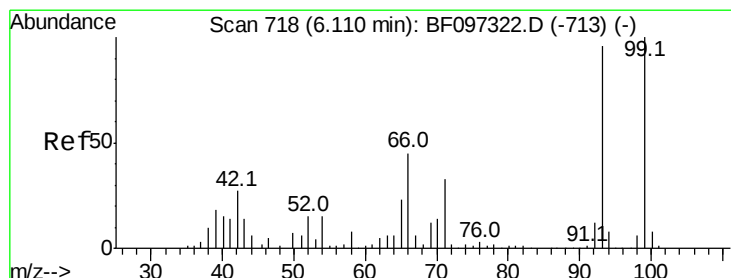
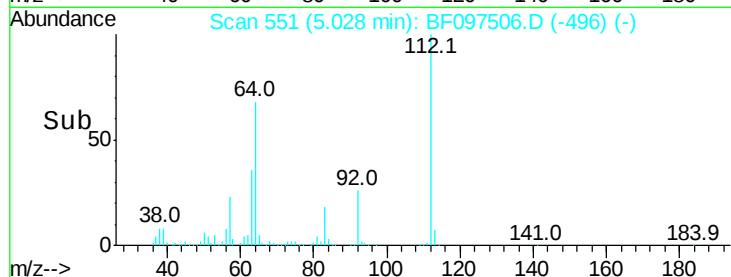
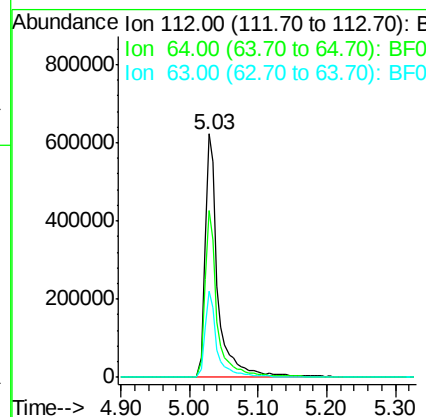
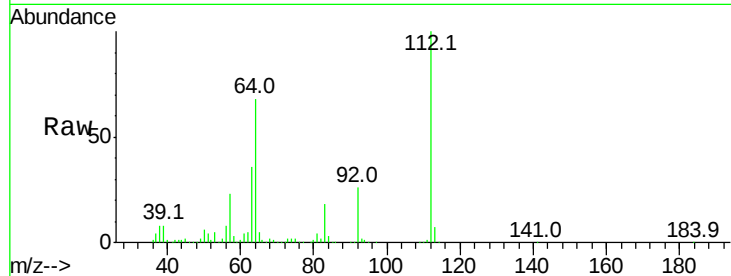
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	112	Resp:	835173
Ion Ratio	Lower	Upper	
112	100		
64	68.4	46.0	69.0
63	35.6	23.4	35.0#

Manual Integrations
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#6

Aniline

Concen: 9.040 ng

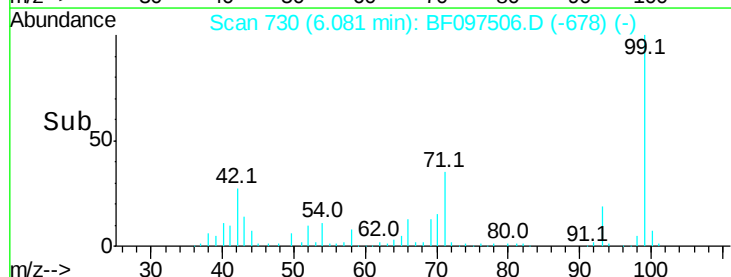
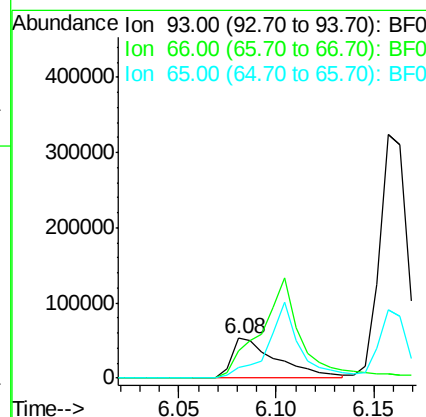
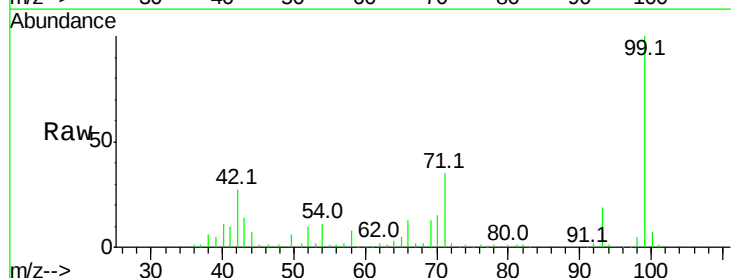
RT: 6.08 min Scan# 730

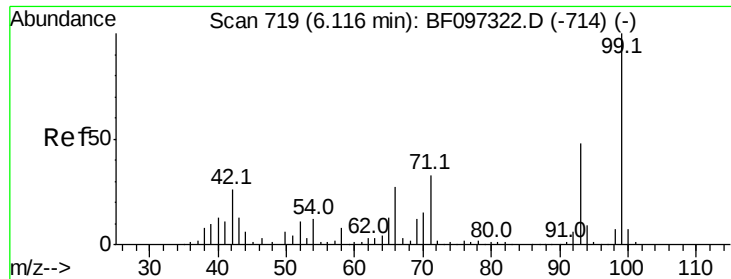
Delta R.T. 0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	93	Resp:	86407
Ion Ratio	Lower	Upper	
93	100		
66	67.5	32.9	49.3#
65	26.7	16.0	24.0#





#7

Phenol-d6

Concen: 117.096 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

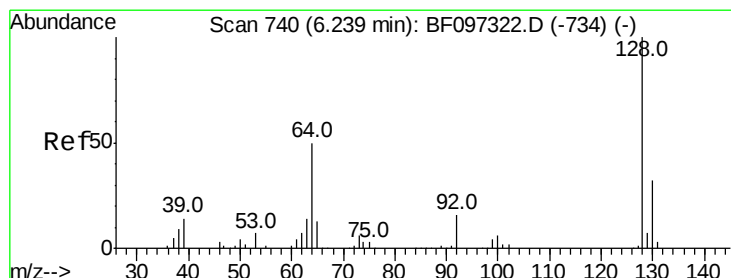
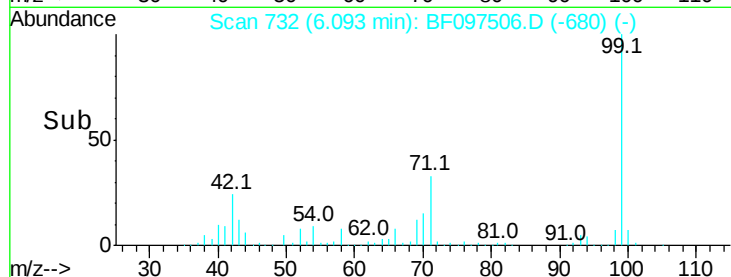
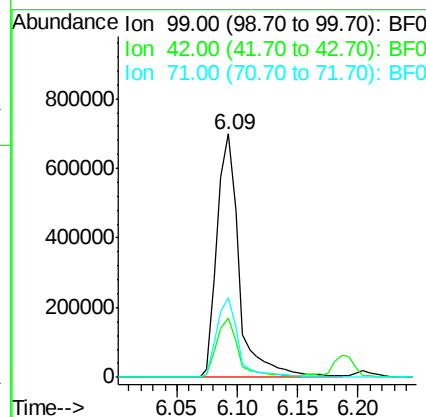
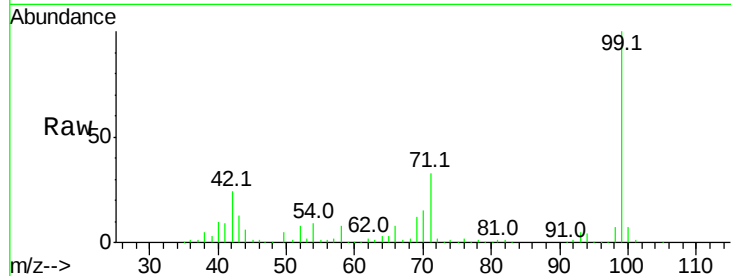
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	99	Resp:	889428
Ion Ratio	Lower	Upper	
99	100		
42	24.4	13.5	20.3#
71	32.8	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.010 ng

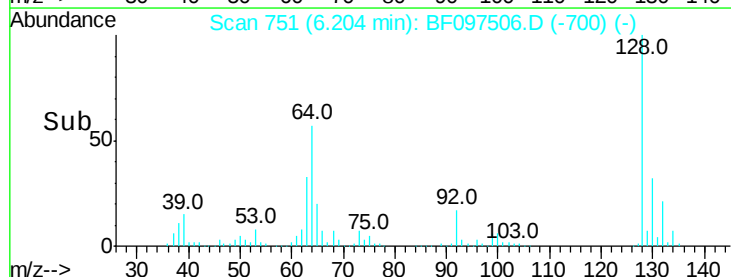
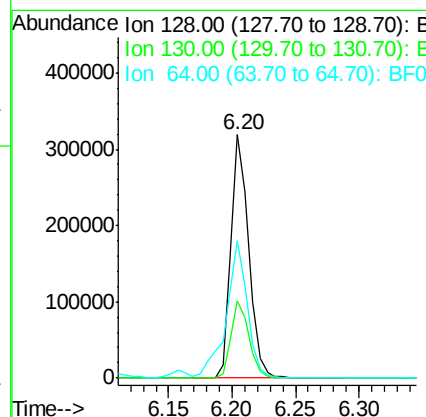
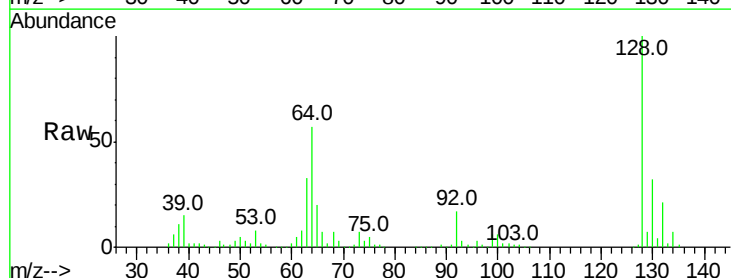
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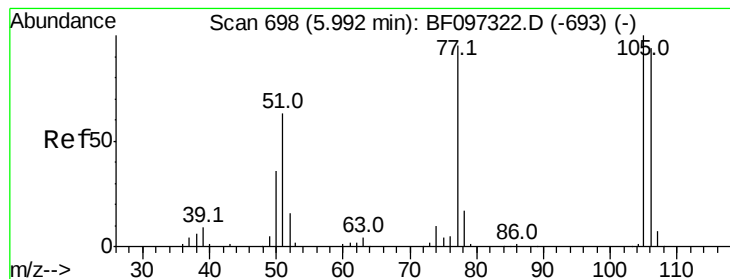
Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	128	Resp:	305993
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.9	52.9
64	56.6	28.4	68.4





#9

Benzaldehyde

Concen: 4.982 ng

RT: 5.98 min Scan# 713

Delta R.T. 0.02 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

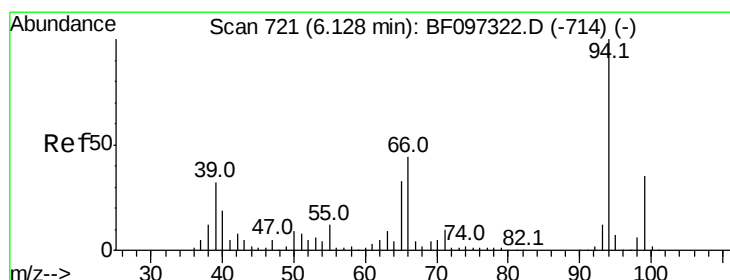
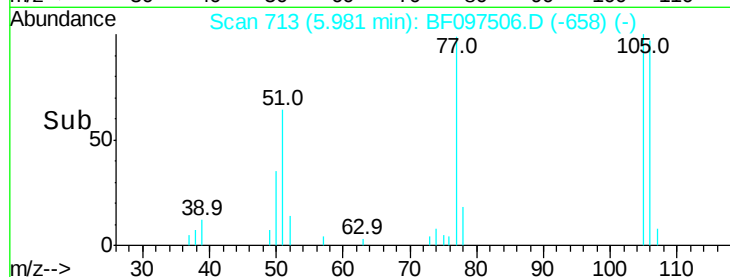
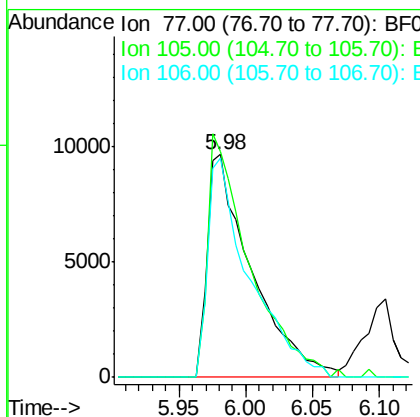
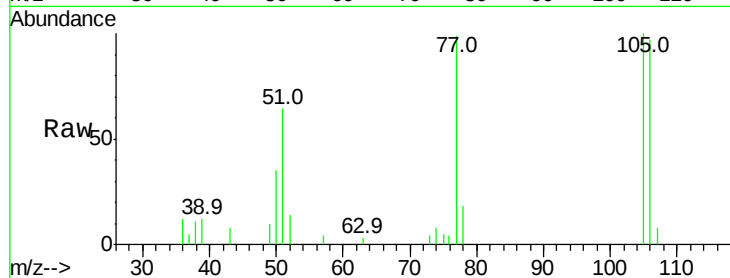
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	77	Resp:	22399
Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.8	123.8
106	98.5	79.1	119.1

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#10

Phenol

Concen: 35.090 ng

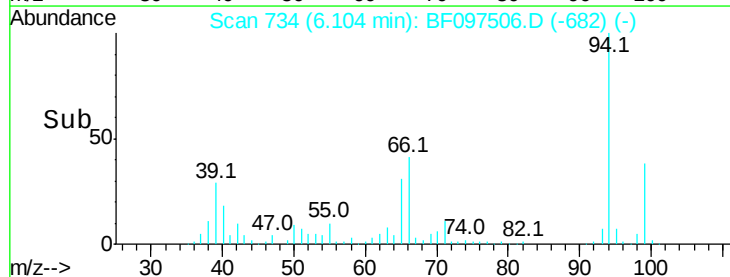
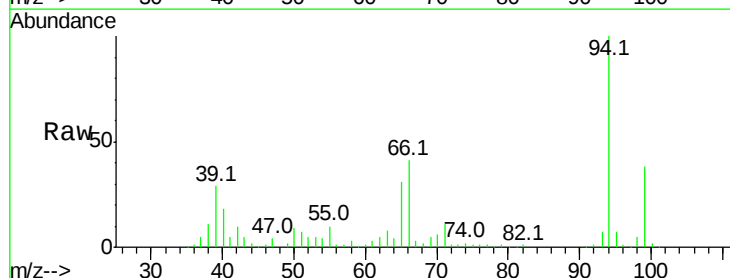
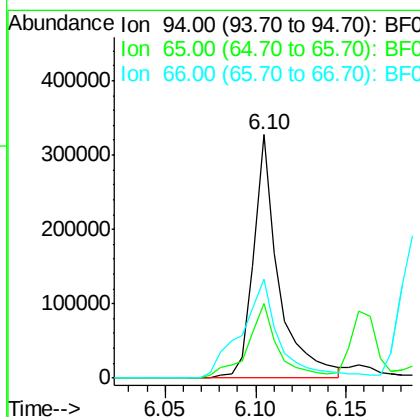
RT: 6.10 min Scan# 734

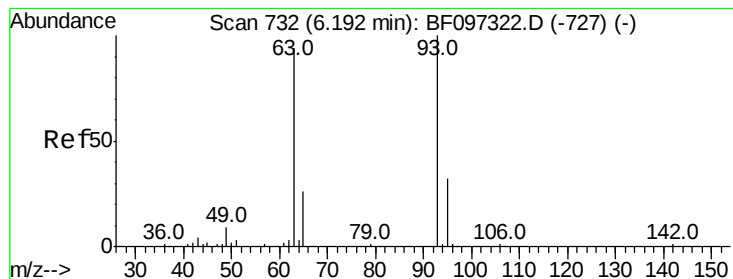
Delta R.T. 0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	94	Resp:	316145
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.9	49.9
66	40.7	23.1	63.1





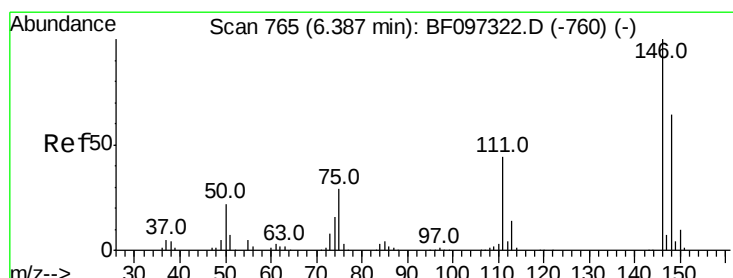
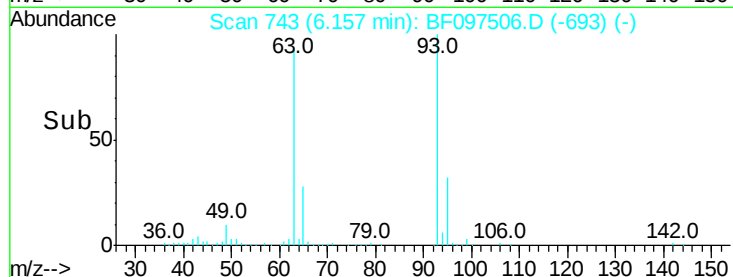
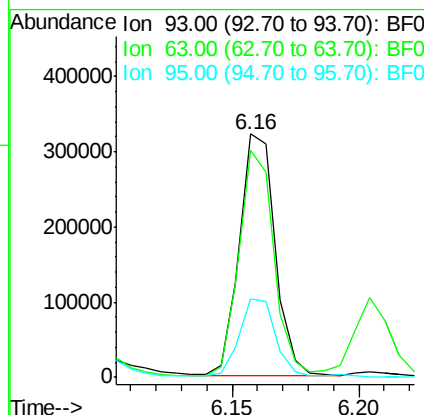
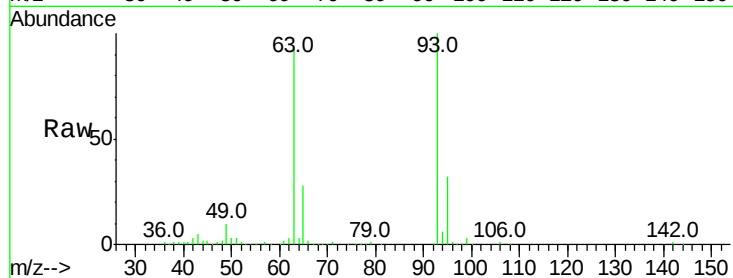
#11
bis(2-Chloroethyl)ether
Concen: 44.333 ng
RT: 6.16 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	93	Resp	315909
Ion Ratio	100	Lower	Upper
93	100		
63	93.4	59.2	99.2
95	32.5	12.8	52.8

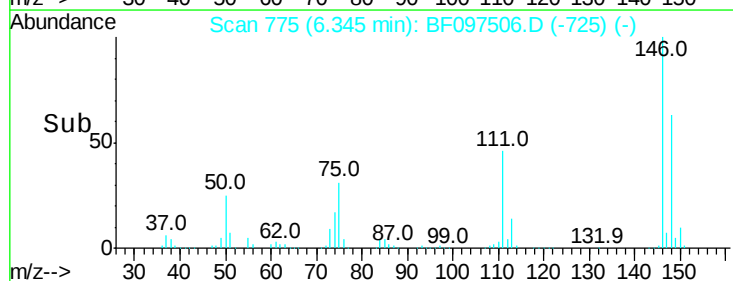
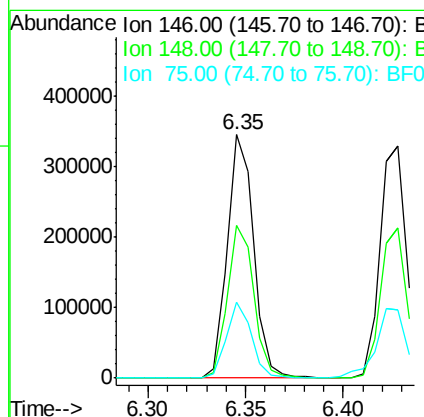
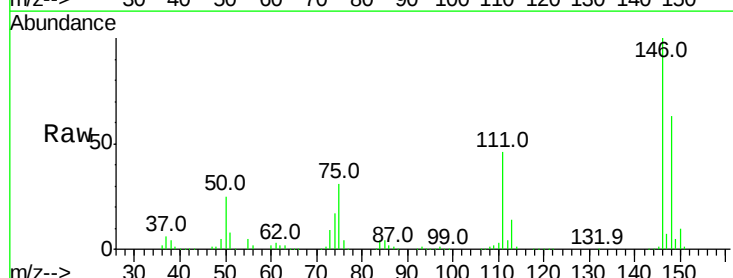
Manual Integrations
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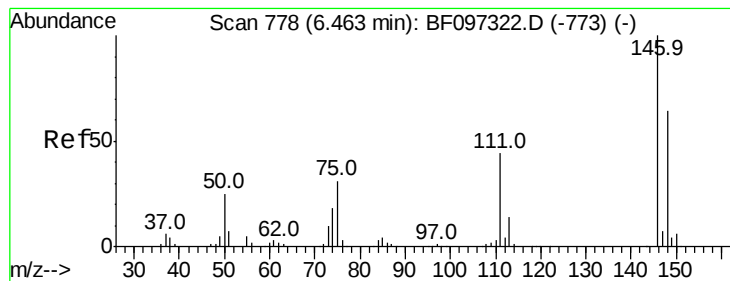
Sohil
8/9/2017 7:16:58 PM



#12
1,3-Dichlorobenzene
Concen: 42.240 ng
RT: 6.35 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	146	Resp	323854
Ion Ratio	100	Lower	Upper
146	100		
148	62.7	51.8	77.6
75	31.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.061 ng

RT: 6.43 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

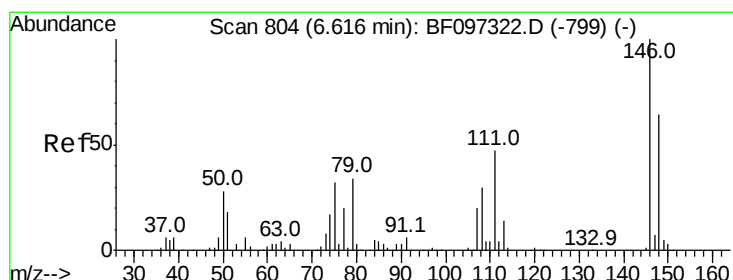
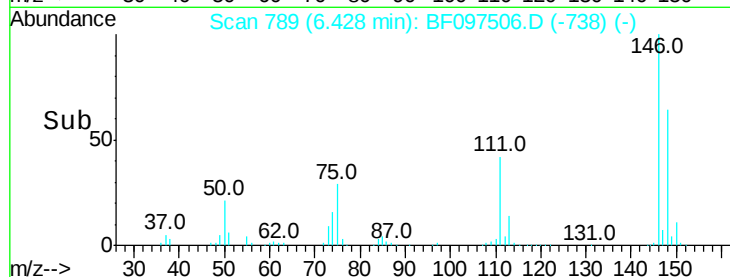
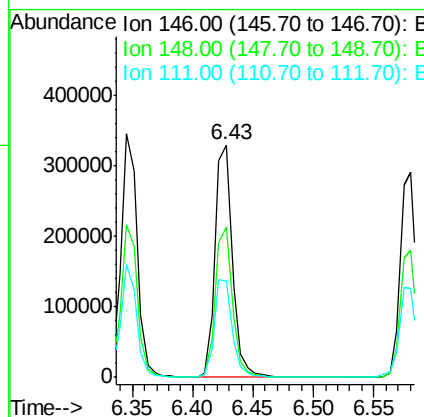
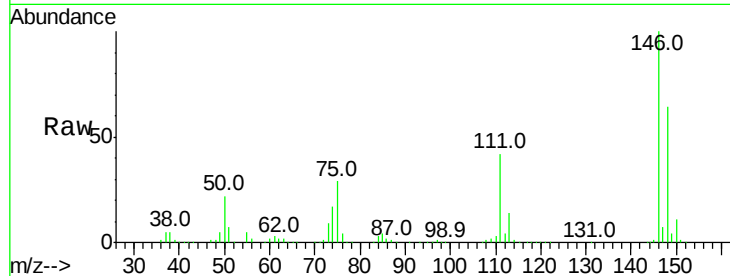
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	146	Resp:	327180
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	41.5	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.495 ng

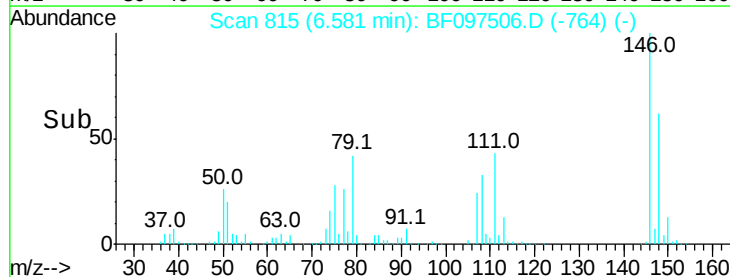
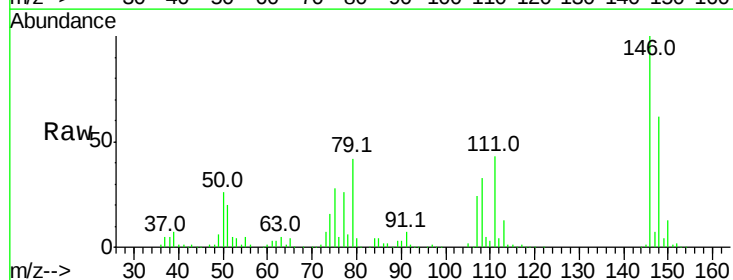
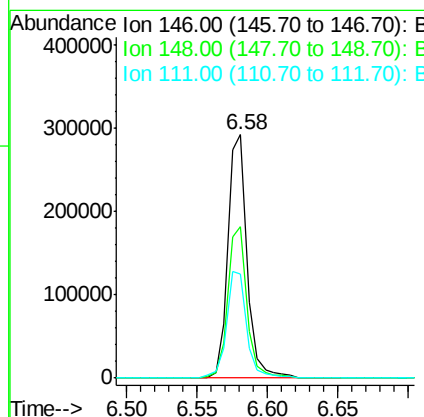
RT: 6.58 min Scan# 815

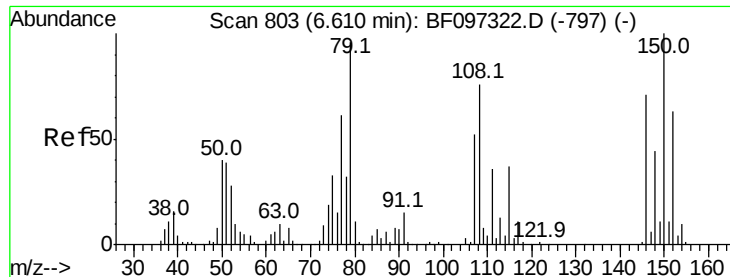
Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	146	Resp:	275287
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.4	75.6
111	43.0	38.2	57.4





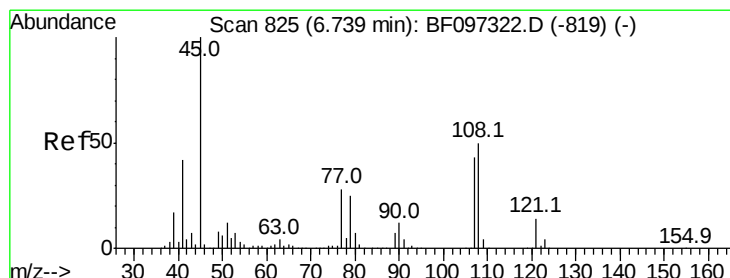
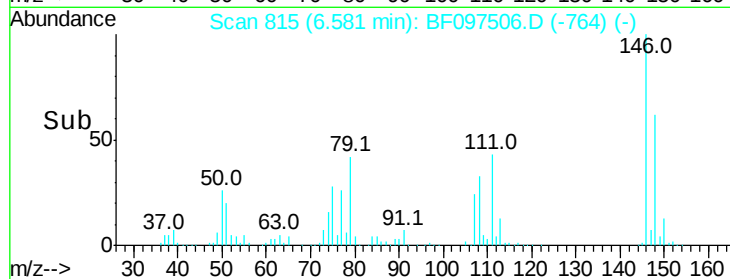
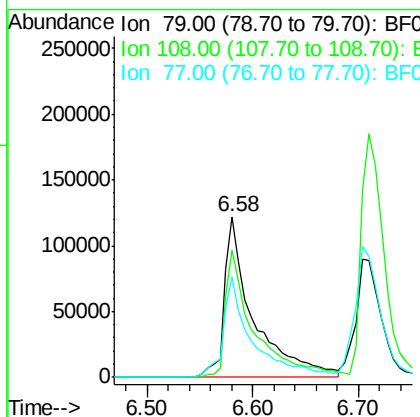
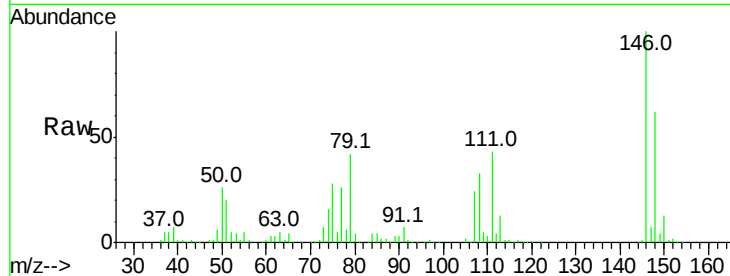
#15
Benzyl Alcohol
Concen: 48.359 ng
RT: 6.58 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	63.4	95.0
77	62.1	49.2	73.8

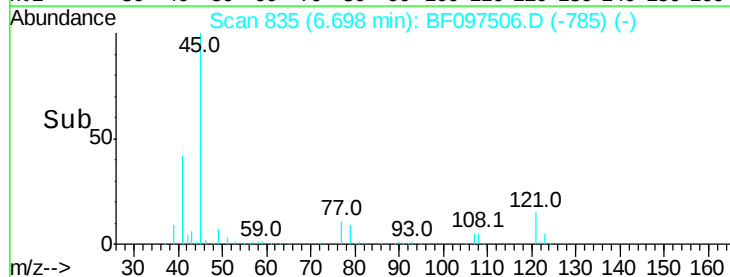
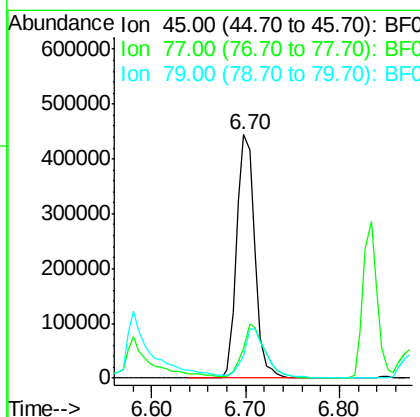
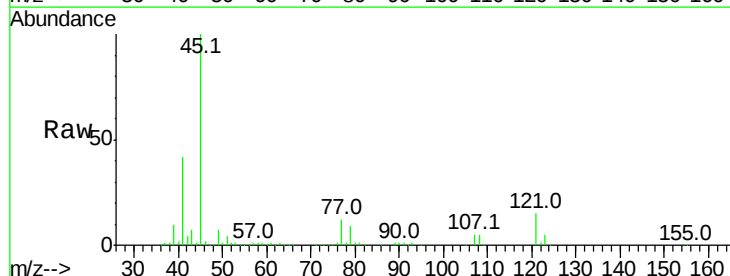
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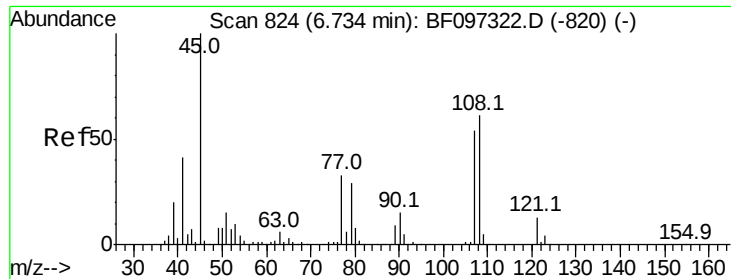
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.579 ng
RT: 6.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	33.2
79	9.4	0.0	30.0





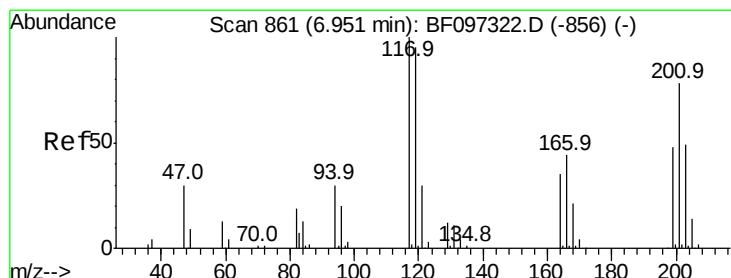
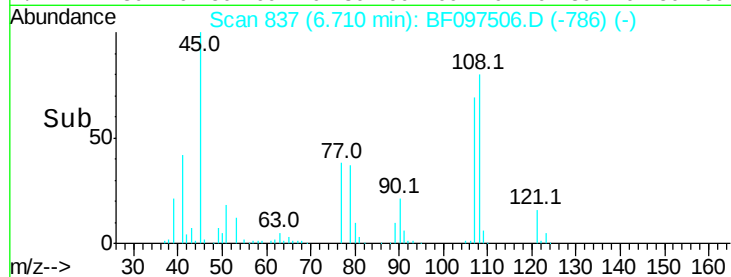
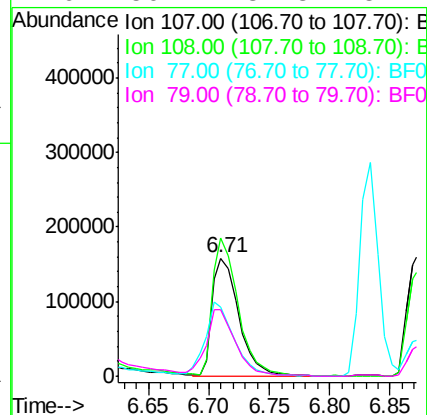
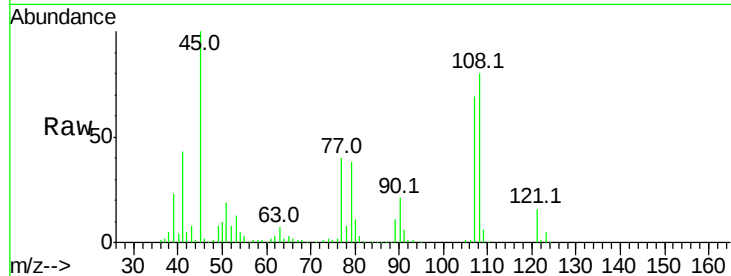
#17
2-Methylphenol
Concen: 43.855 ng
RT: 6.71 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.7	93.4	140.0	
77	58.1	35.8	53.6#	
79	56.1	34.8	52.2#	

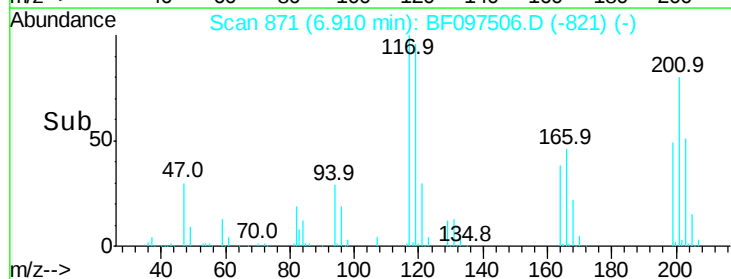
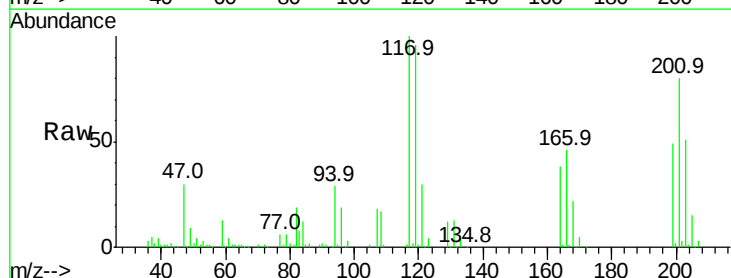
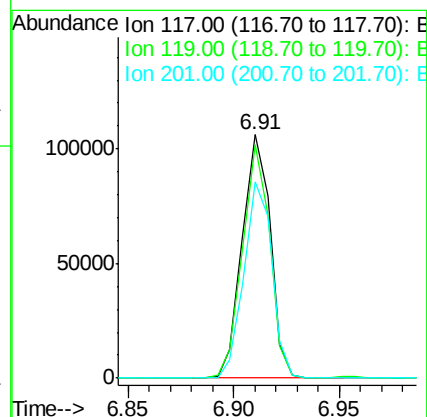
Manual Integrations
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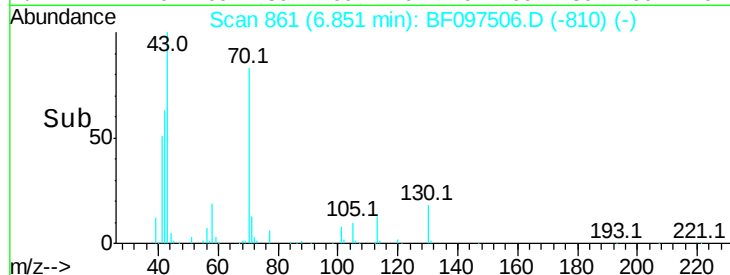
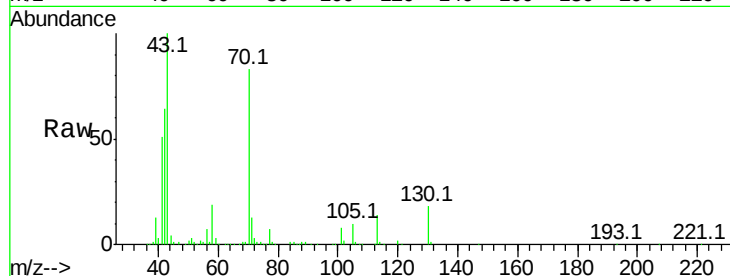
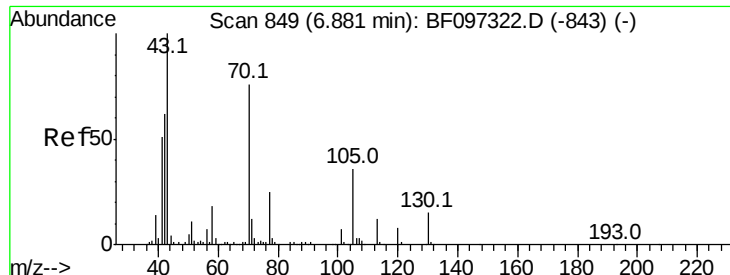
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#18
Hexachloroethane
Concen: 35.135 ng
RT: 6.91 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.4	116.0	
201	80.5	94.6	141.8#	





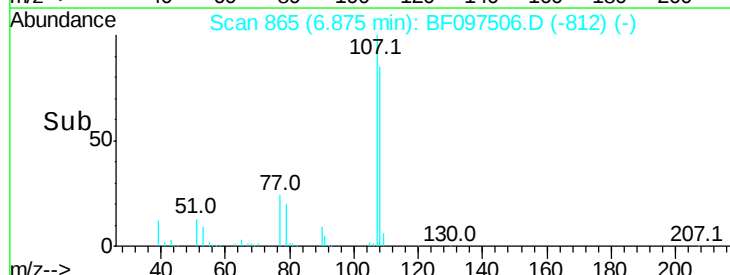
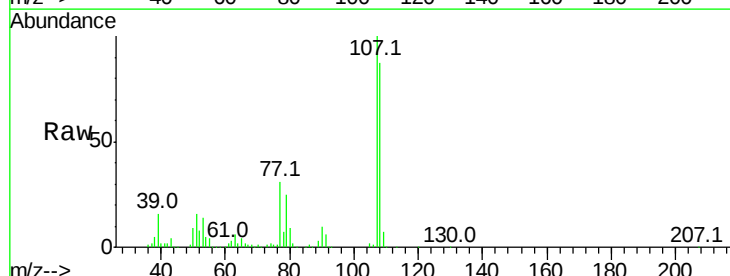
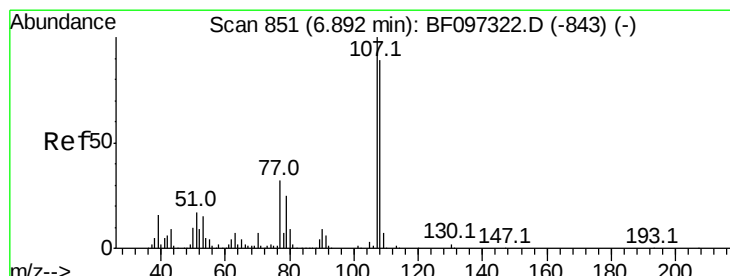
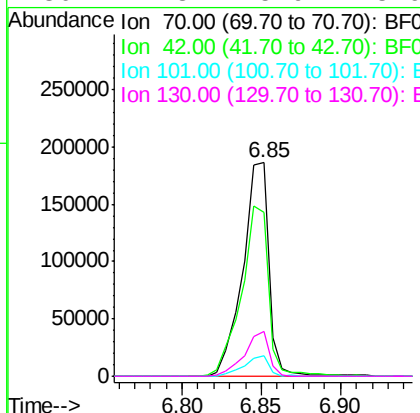
#19
n-Nitroso-di-n-propylamine
Concen: 42.532 ng
RT: 6.85 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.8	47.2	70.8#
101	9.4	7.2	10.8
130	21.3	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

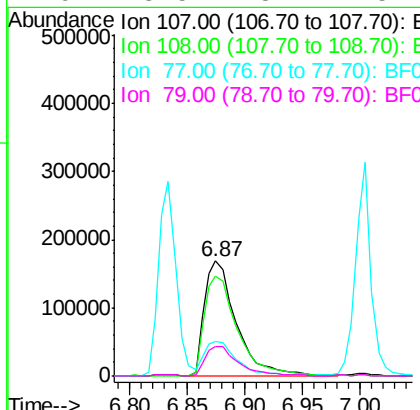
Manual Integrations
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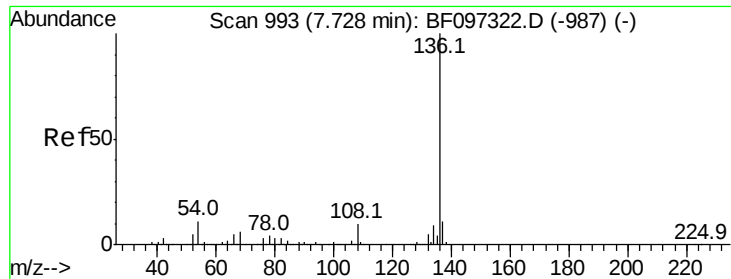
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#20
3+4-Methylphenols
Concen: 45.603 ng
RT: 6.87 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.0	111.0
77	30.5	90.5	130.5#
79	25.5	8.4	48.4





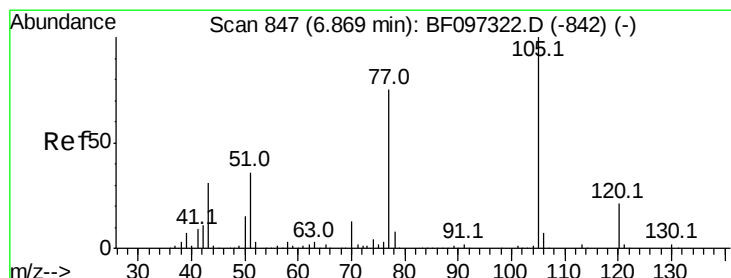
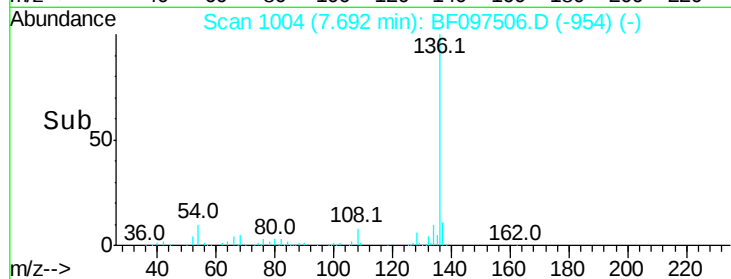
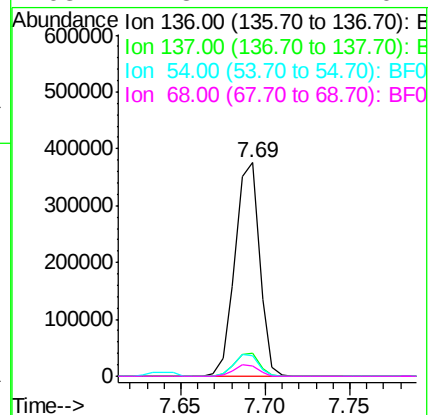
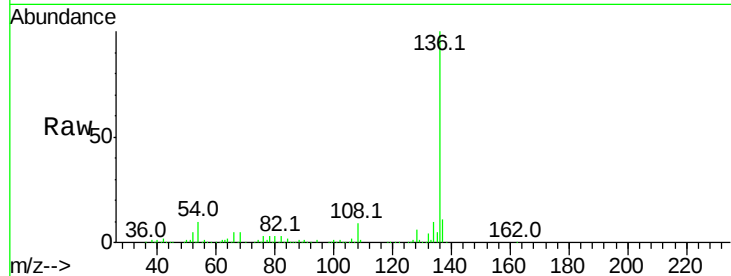
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	9.7	4.9	7.3	
68	4.8	4.1	6.1	

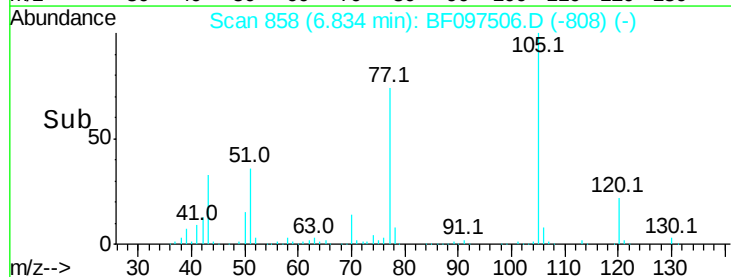
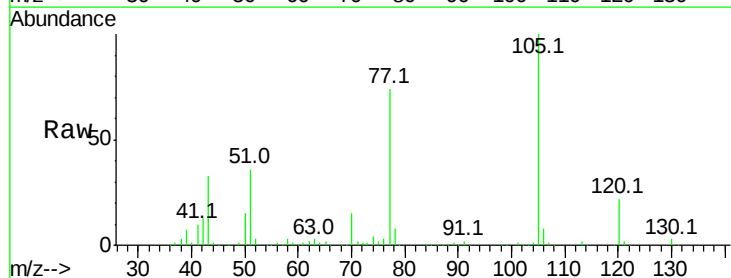
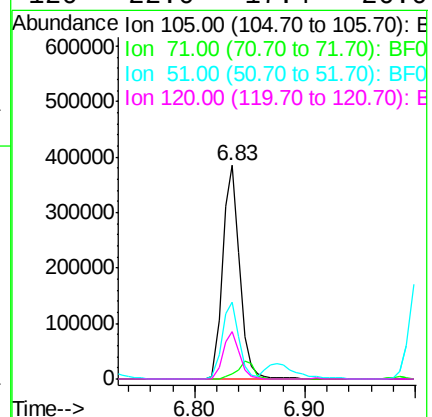
Manual Integrations
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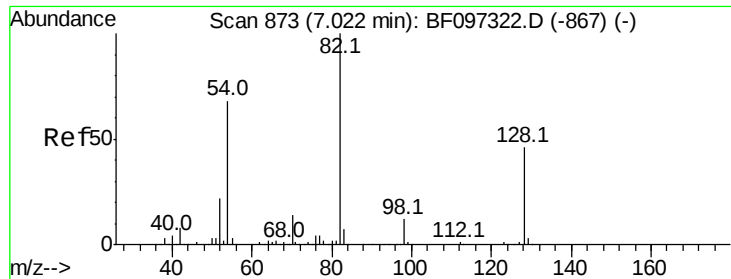
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#22
Acetophenone
Concen: 45.150 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	2.8	4.2	
51	35.9	30.7	46.1	
120	22.0	17.4	26.0	





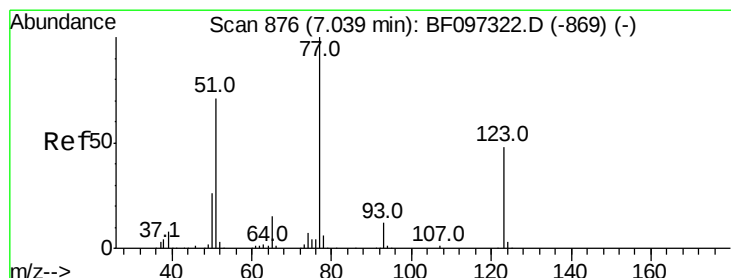
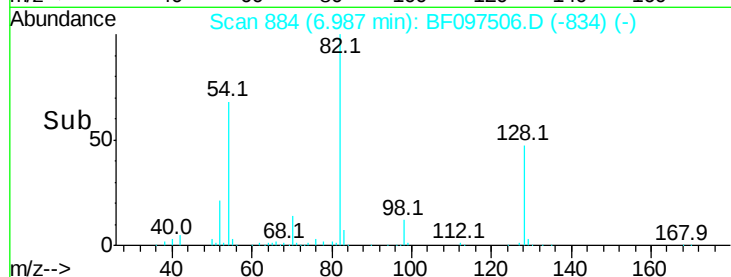
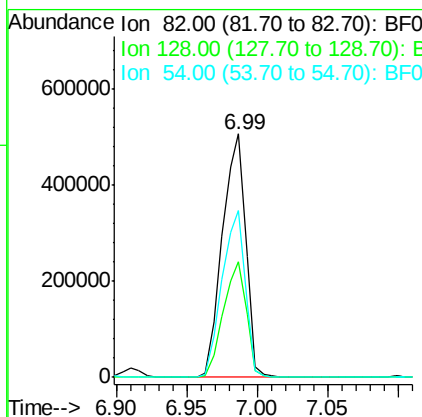
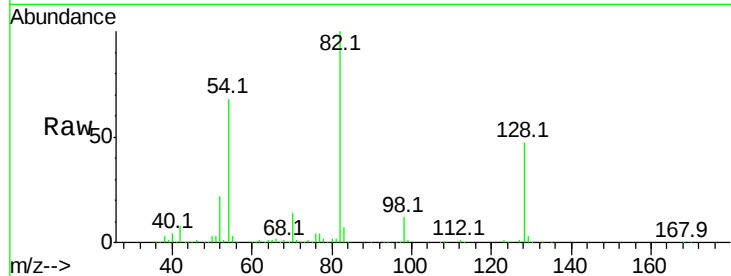
#23
Nitrobenzene-d5
Concen: 90.037 ng
RT: 6.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	34.0	51.0	
54	68.4	42.2	63.2	

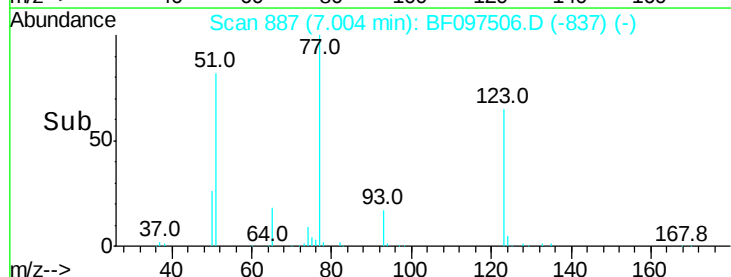
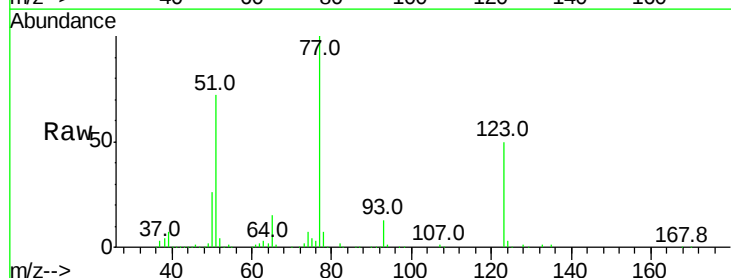
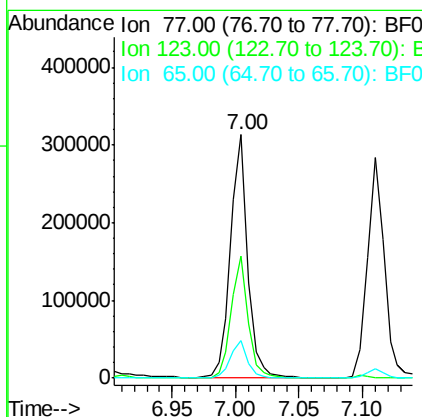
Manual Integrations
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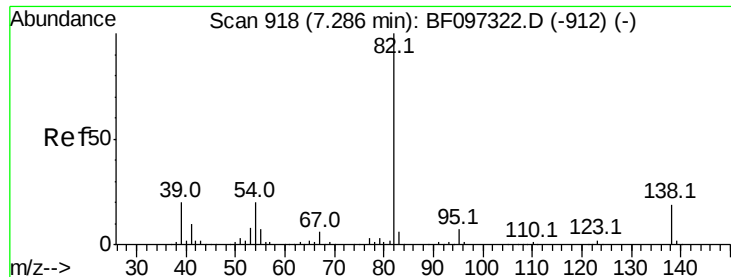
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#24
Nitrobenzene
Concen: 43.154 ng
RT: 7.00 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	35.8	53.8	
65	15.4	10.6	15.8	





#25

Isophorone

Concen: 41.257 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

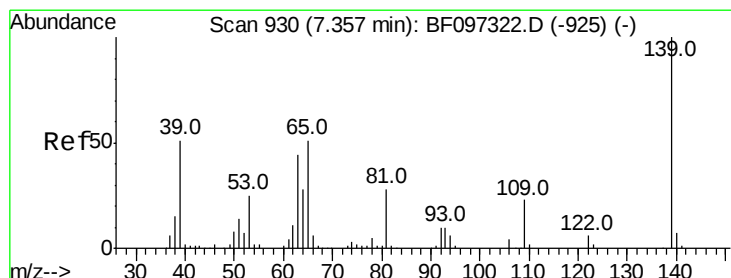
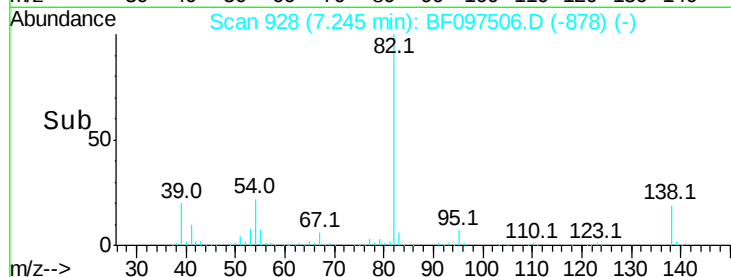
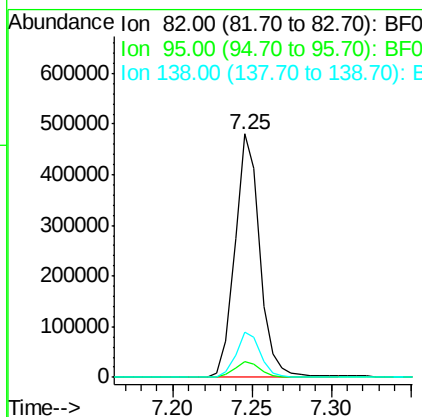
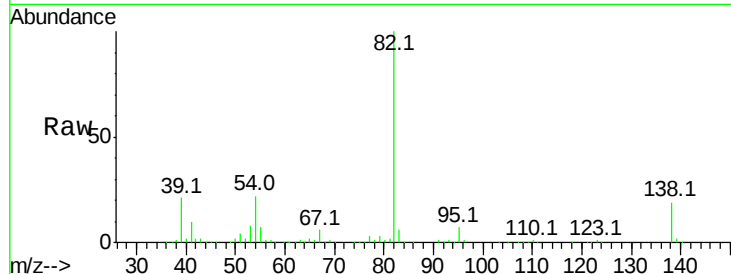
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion	82	Resp	521847
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.589 ng

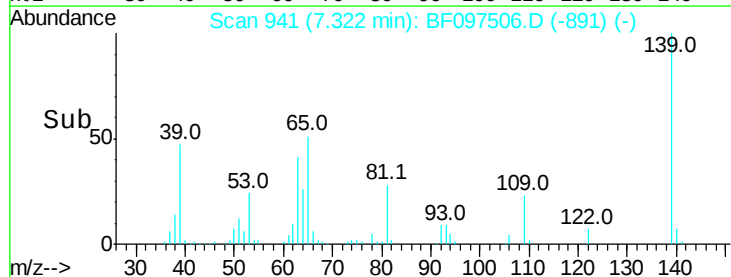
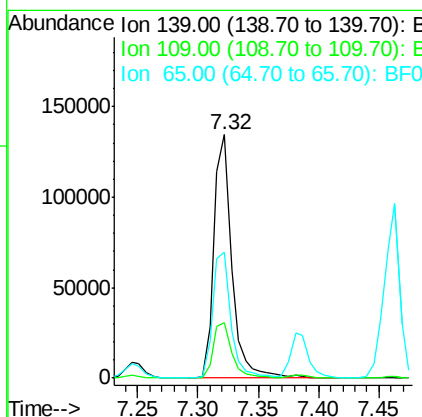
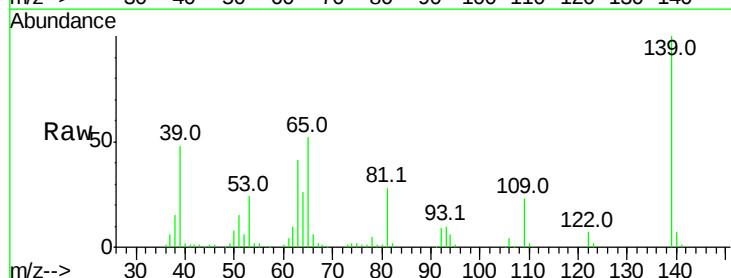
RT: 7.32 min Scan# 941

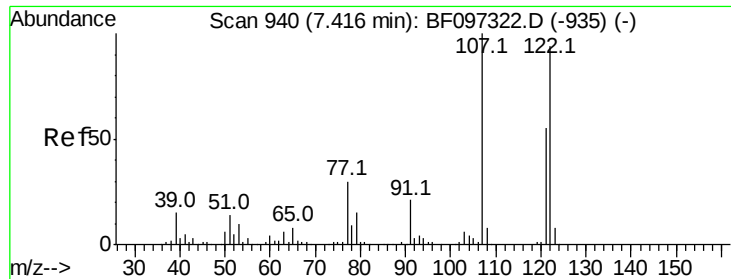
Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion	139	Resp	136795
Ion Ratio	Lower	Upper	
139	100		
109	22.8	21.0	31.6
65	51.9	33.0	49.6#





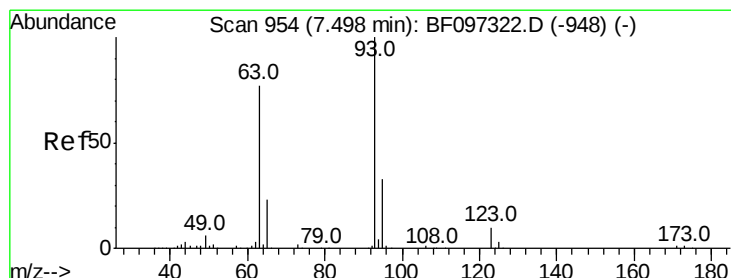
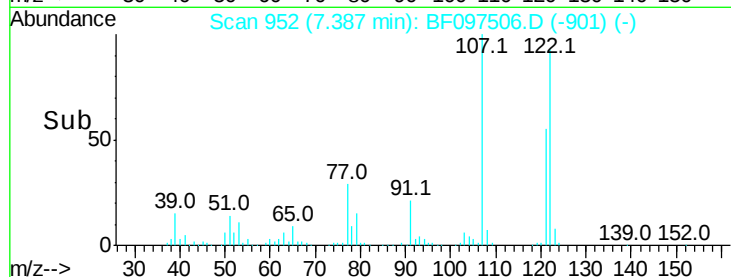
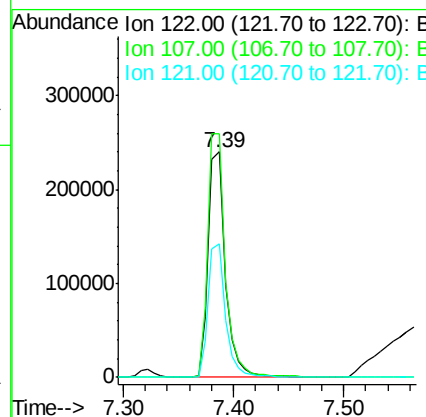
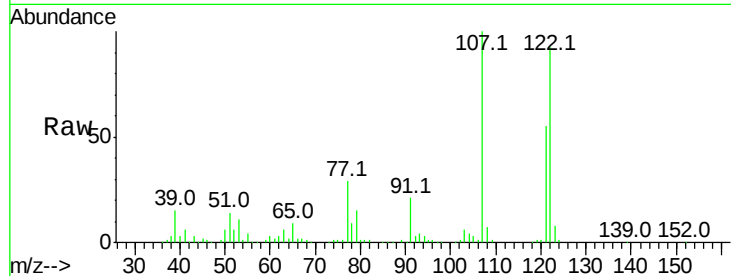
#27
2,4-Dimethylphenol
Concen: 42.336 ng
RT: 7.39 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	254152		
107	108.0	89.2	133.8	
121	59.5	45.2	67.8	

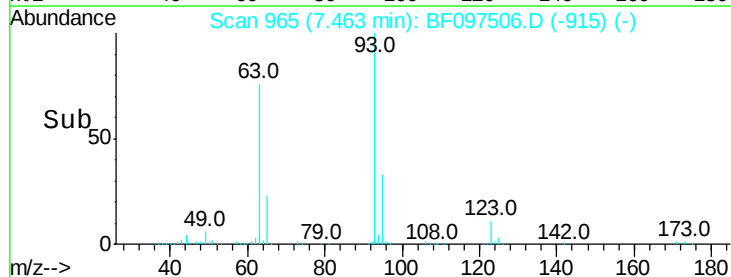
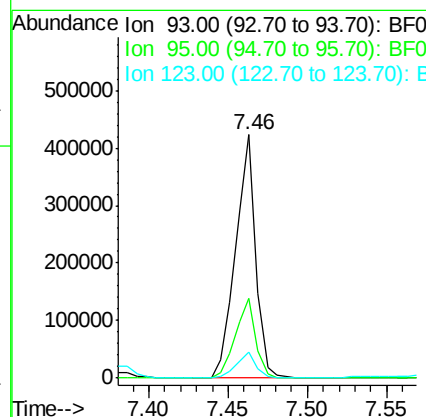
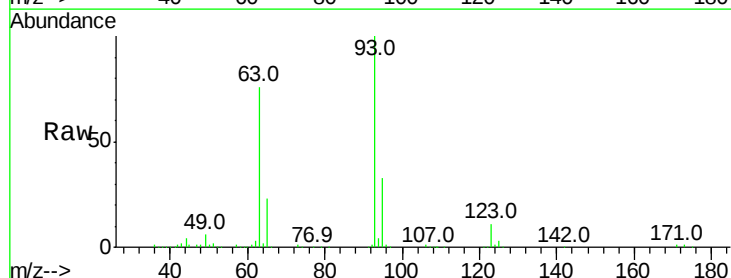
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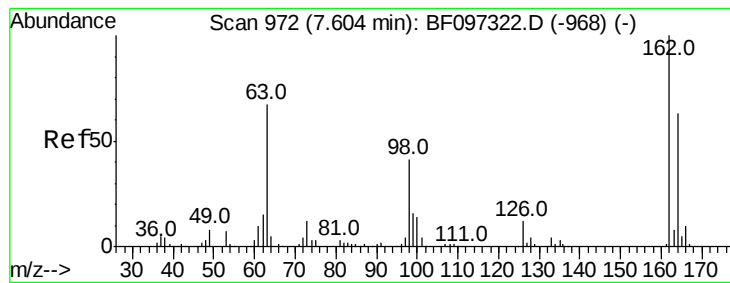
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#28
bis(2-Chloroethoxy)methane
Concen: 45.420 ng
RT: 7.46 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	374912		
95	32.7	26.5	39.7	
123	10.6	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 48.958 ng

RT: 7.58 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

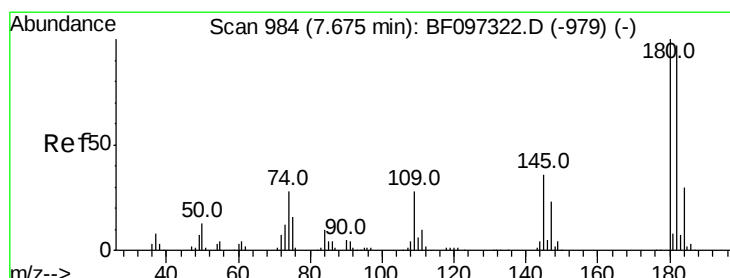
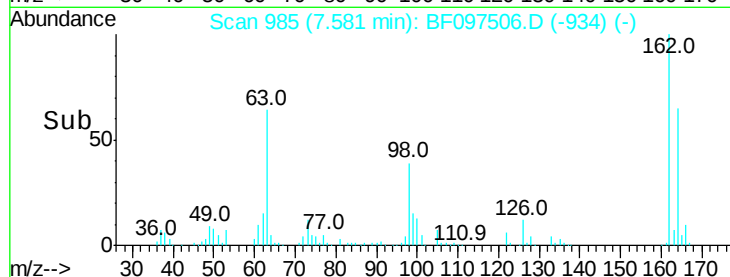
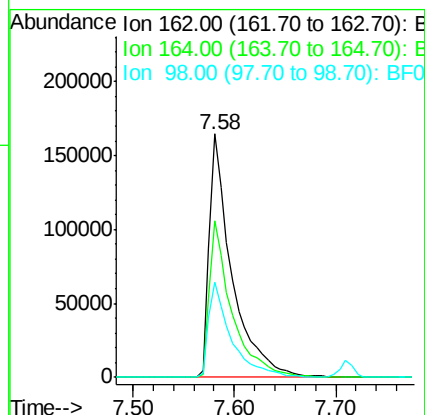
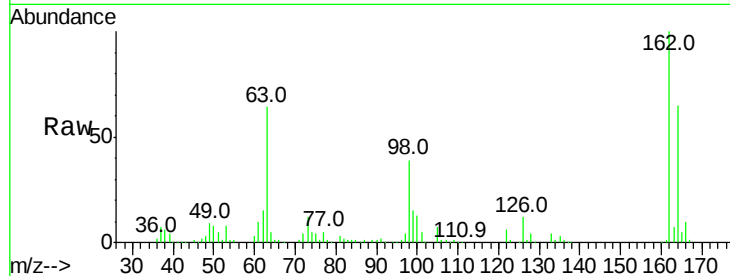
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	162	Resp:	253195
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	39.3	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 45.054 ng

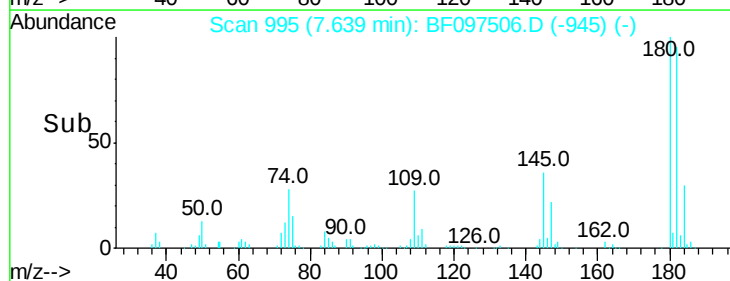
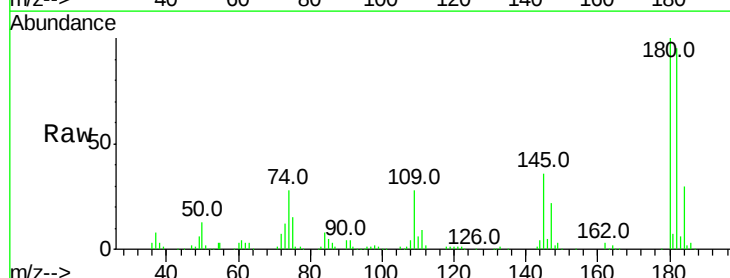
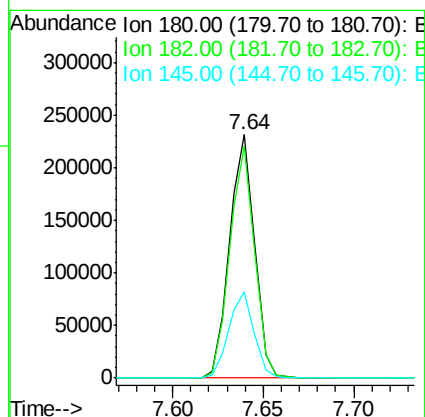
RT: 7.64 min Scan# 995

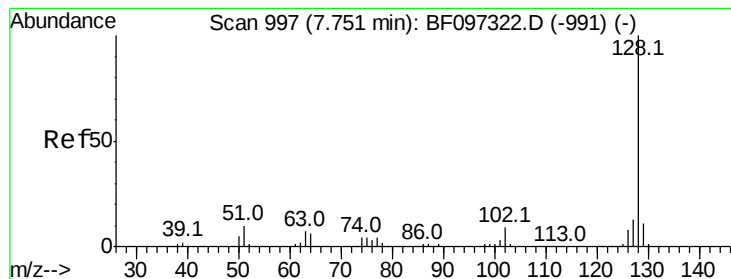
Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	180	Resp:	222092
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.8	113.6
145	35.6	25.3	37.9





#31

Naphthalene

Concen: 44.504 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

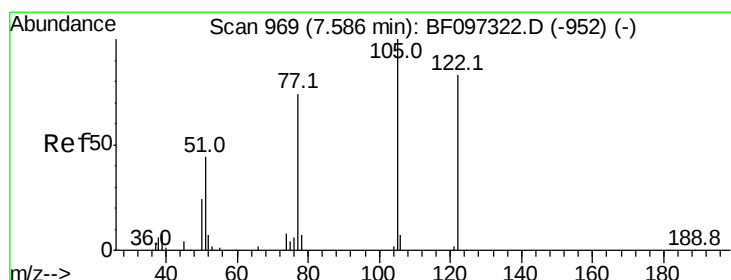
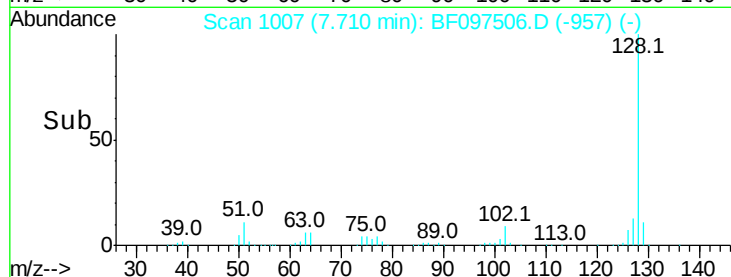
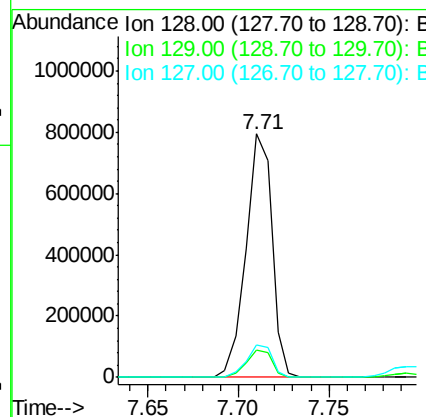
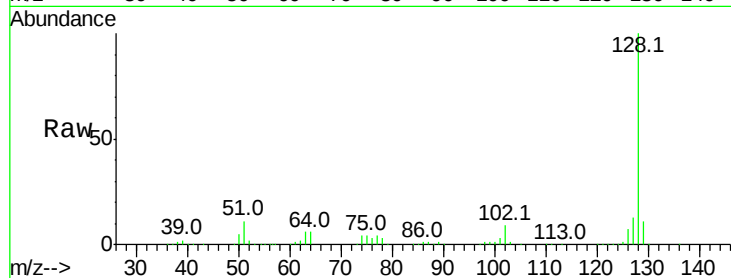
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	794870		
129	11.3	9.0	13.6	
127	13.4	10.8	16.2	

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#32

Benzoic acid

Concen: 37.943 ng

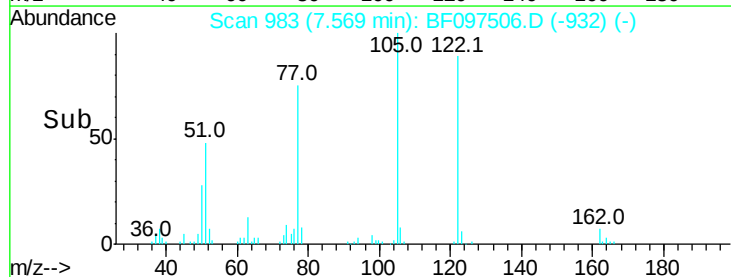
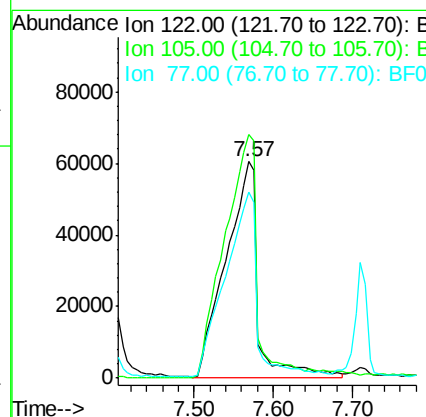
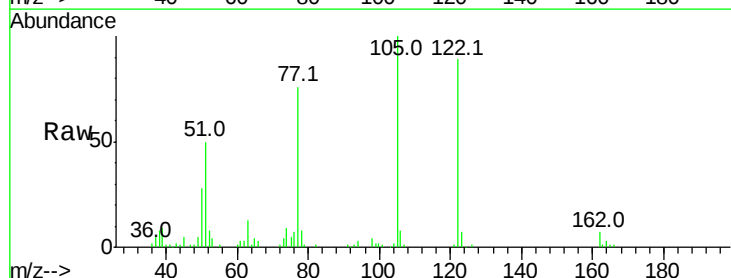
RT: 7.57 min Scan# 983

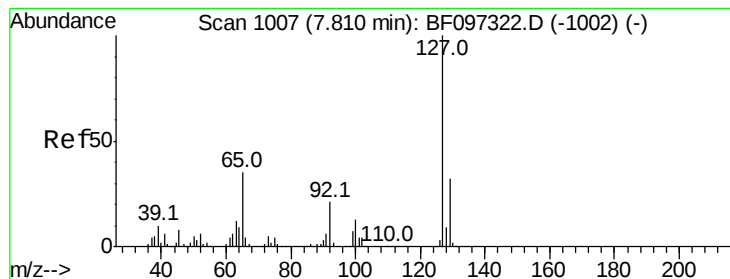
Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	170086		
105	112.6	103.3	143.3	
77	86.0	73.7	113.7	





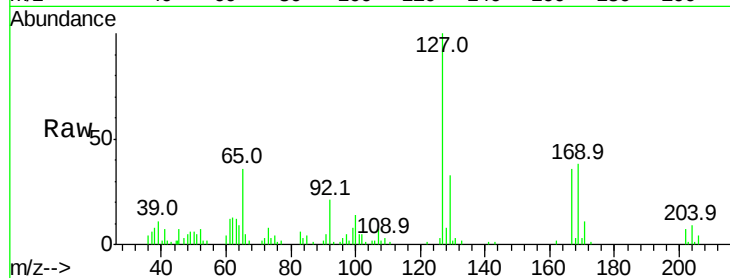
#33
 4-Chloroaniline
 Concen: 11.074 ng
 RT: 7.79 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

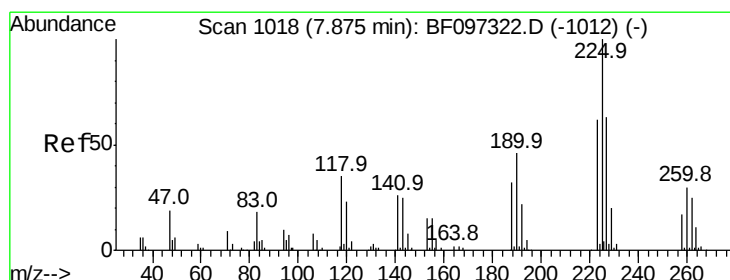
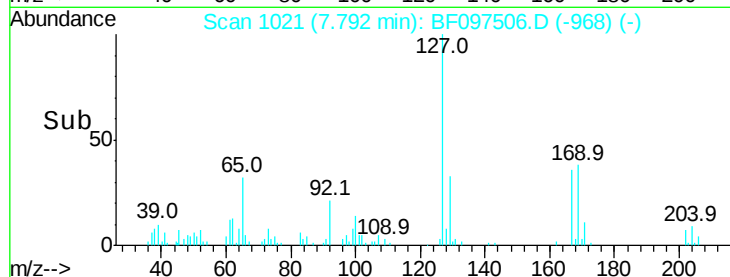
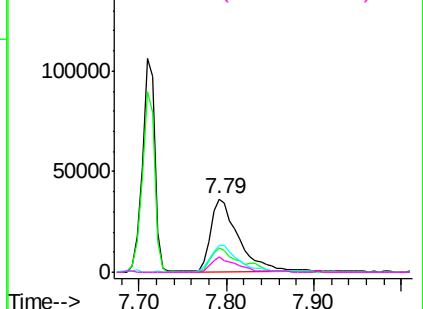
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	36.2	27.8	41.8		
92	21.1	16.8	25.2		

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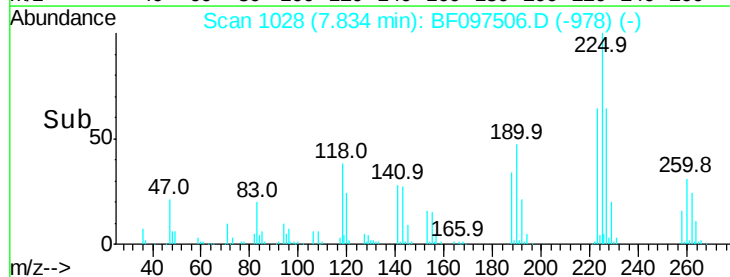
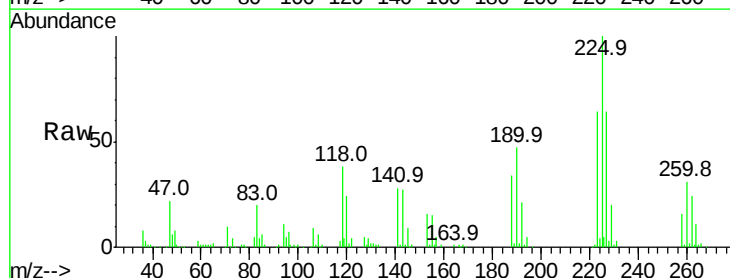
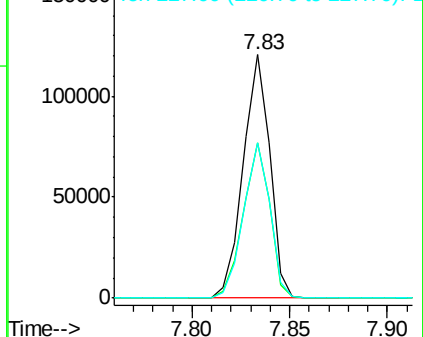
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

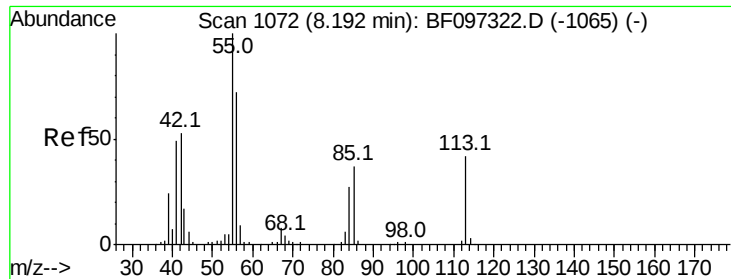


#34
 Hexachlorobutadiene
 Concen: 43.959 ng
 RT: 7.83 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	48.8	73.2		
227	63.9	51.1	76.7		

Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.741 ng

RT: 8.16 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:113 Resp: 70878

Ion Ratio Lower Upper

113 100

55 244.1 150.2 190.2#

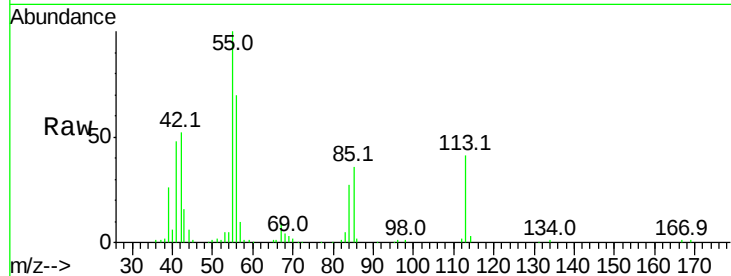
56 170.4 107.8 147.8#

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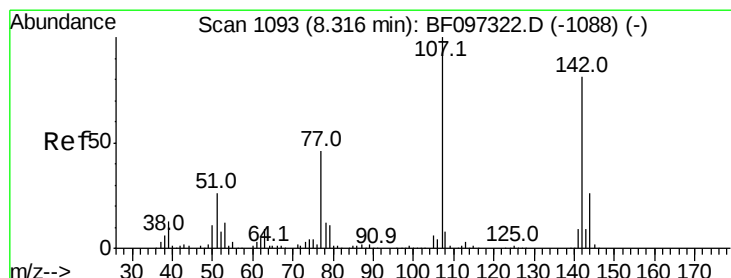
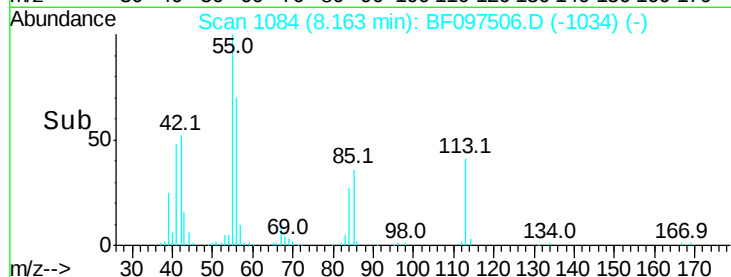
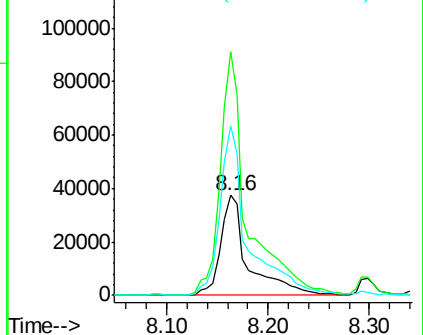
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.852 ng

RT: 8.30 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

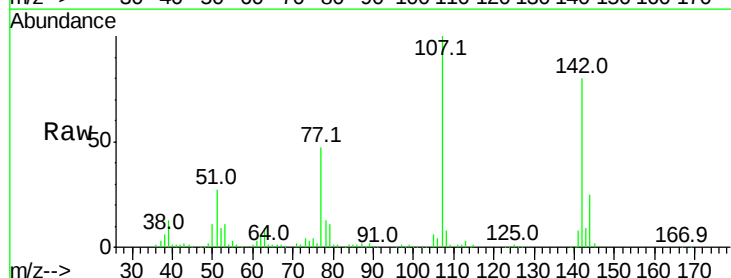
Tgt Ion:107 Resp: 258704

Ion Ratio Lower Upper

107 100

144 24.5 24.2 36.4

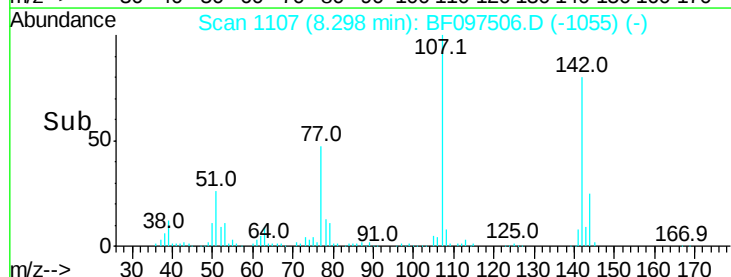
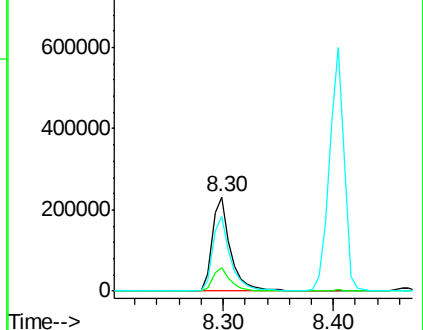
142 79.7 73.4 110.0

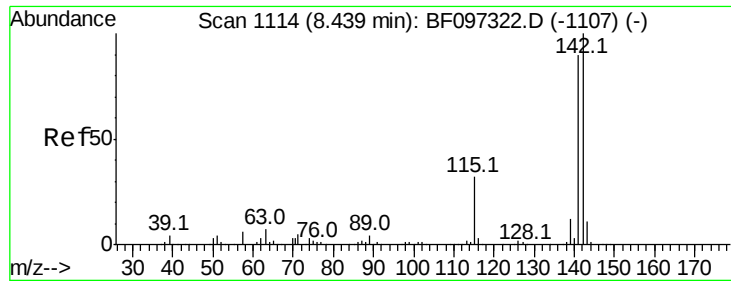


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





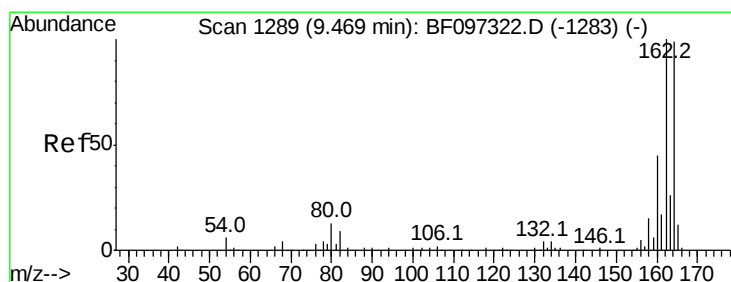
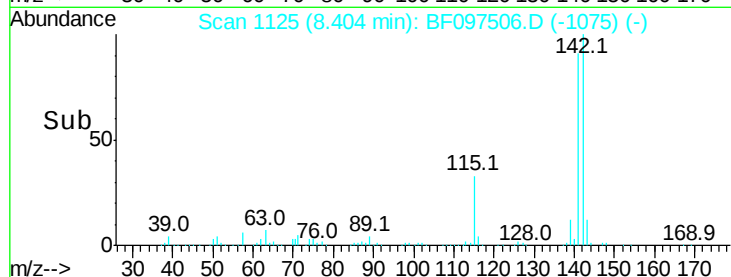
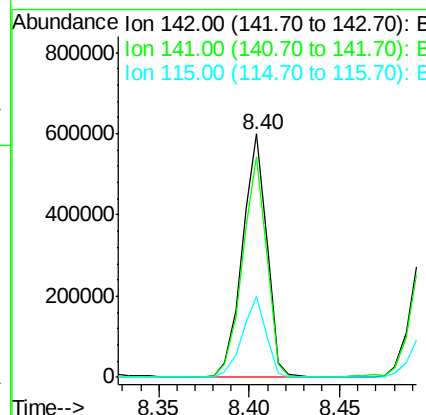
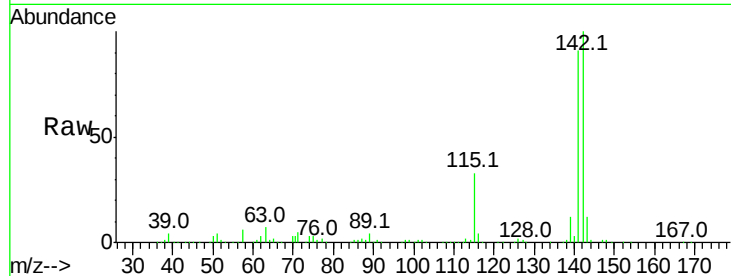
#37
 2-Methylnaphthalene
 Concen: 49.443 ng
 RT: 8.40 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	559131		
141	90.7	71.3	106.9	
115	33.4	27.1	40.7	

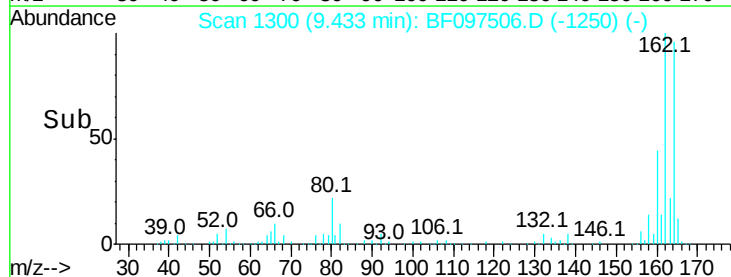
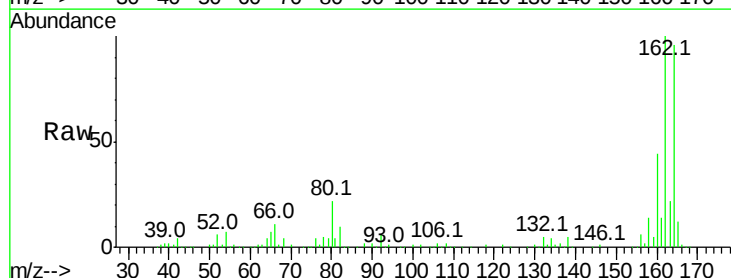
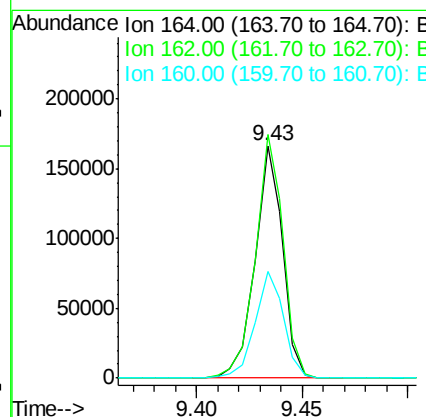
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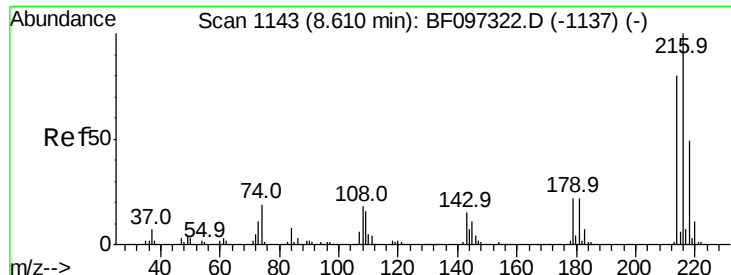
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150716		
162	104.7	82.6	123.8	
160	45.9	36.2	54.2	





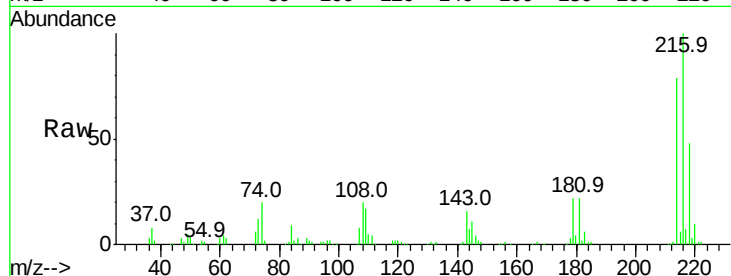
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.619 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

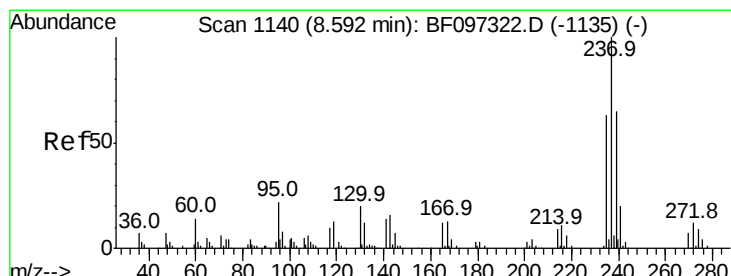
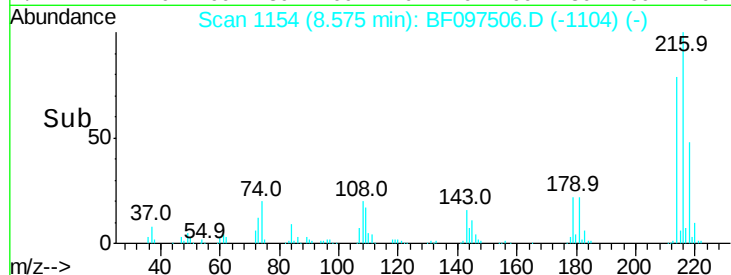
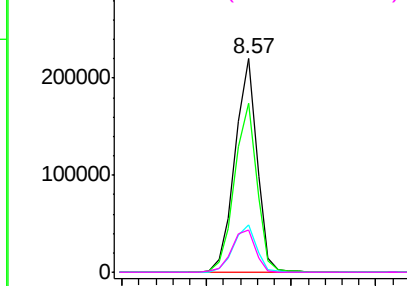
Tot Ion	Ratio	Resp	Lower	Upper
216	100	199543		
214	80.1	63.4	95.2	
179	23.0	17.9	26.9	
108	21.5	16.5	24.7	

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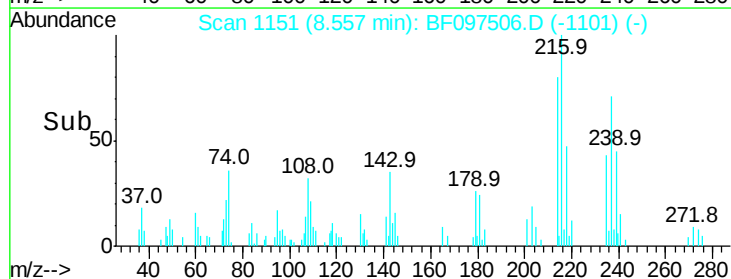
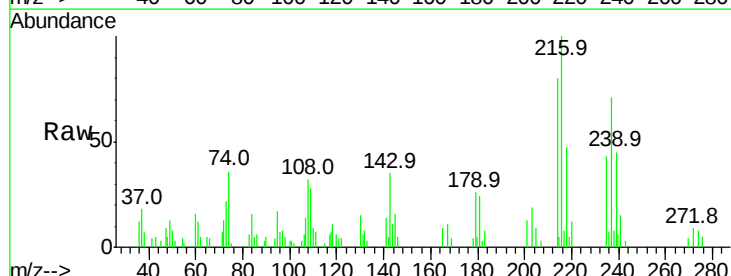
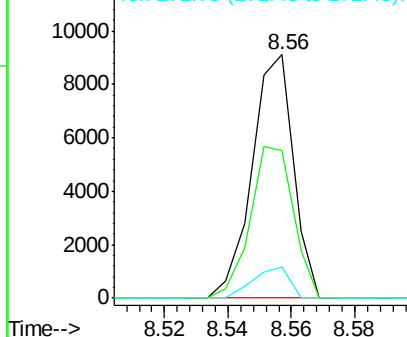
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

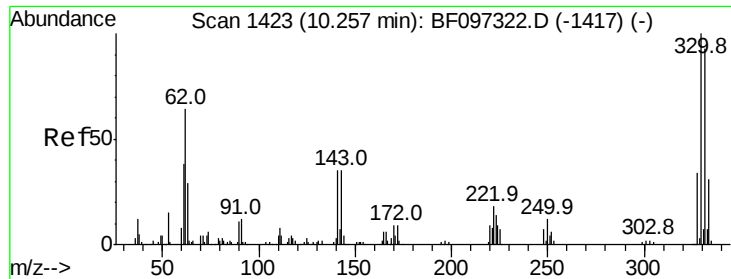


#40
 Hexachlorocyclopentadiene
 Concen: 11.986 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	8268		
235	60.5	42.6	82.6	
272	12.8	0.0	31.9	

Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





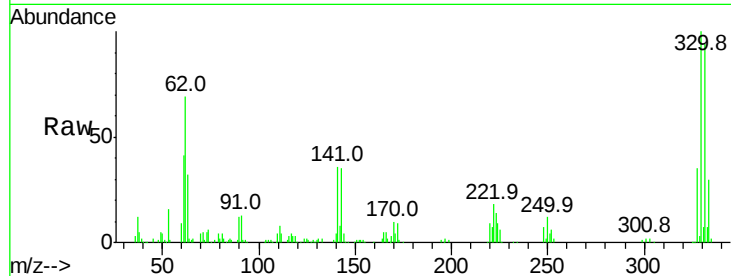
#41
 2,4,6-Tribromophenol
 Concen: 129.122 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

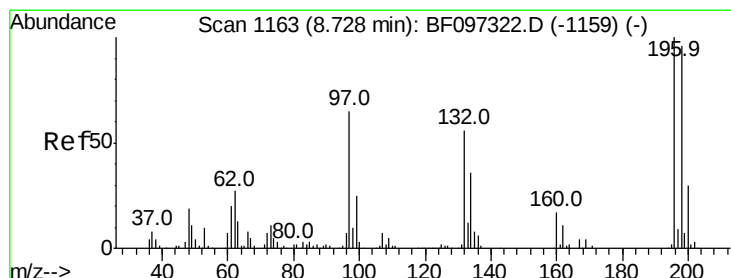
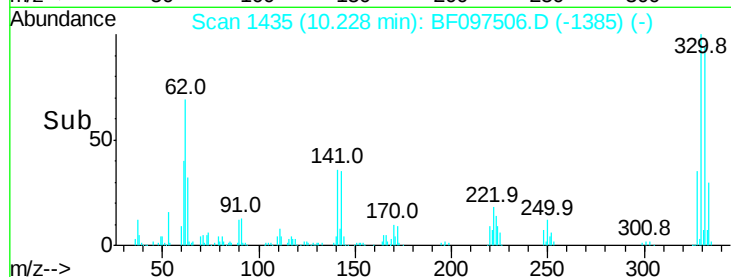
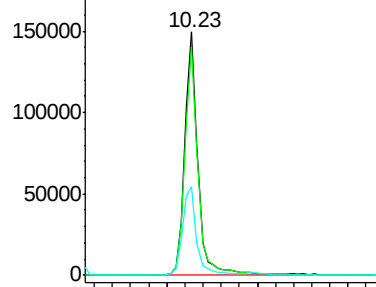
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.6	76.6	115.0	
141	39.0	31.4	47.2	

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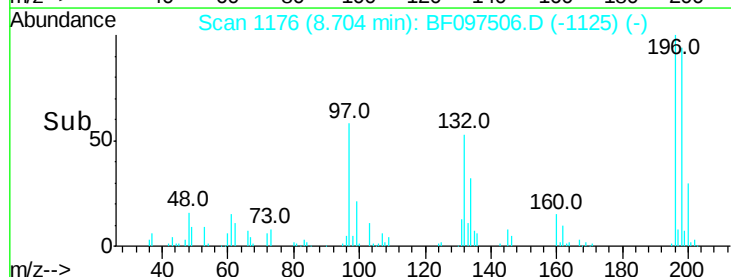
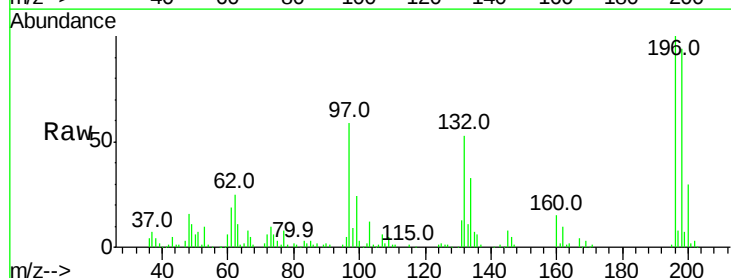
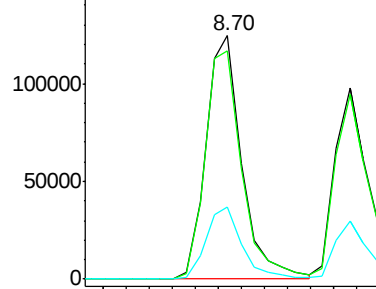
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.045 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.9	74.2	111.4	
200	29.6	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





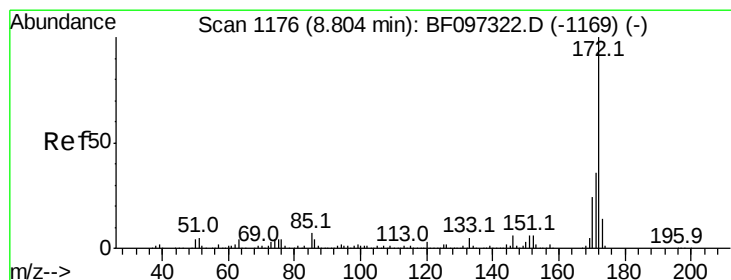
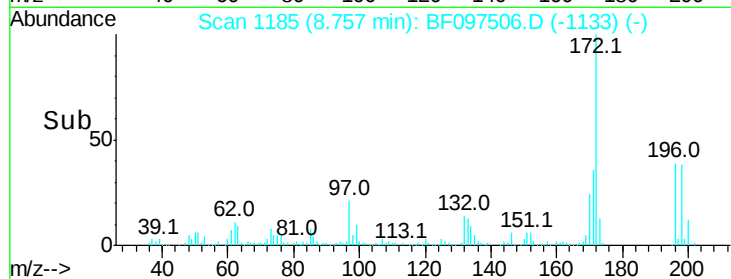
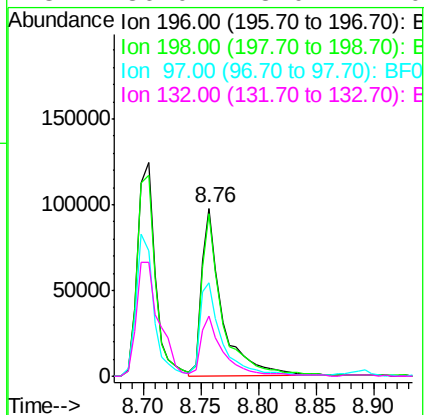
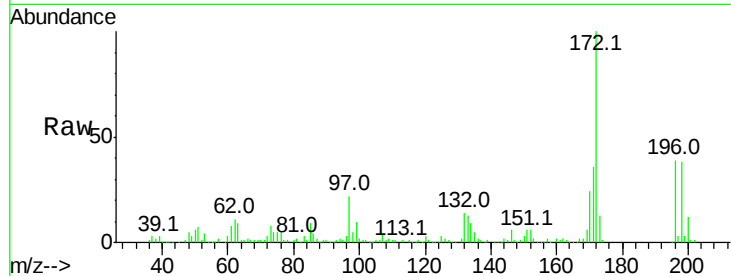
#43
 2,4,5-Trichlorophenol
 Concen: 41.741 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.9	75.7	113.5	
97	55.5	47.7	71.5	
132	36.0	28.0	42.0	

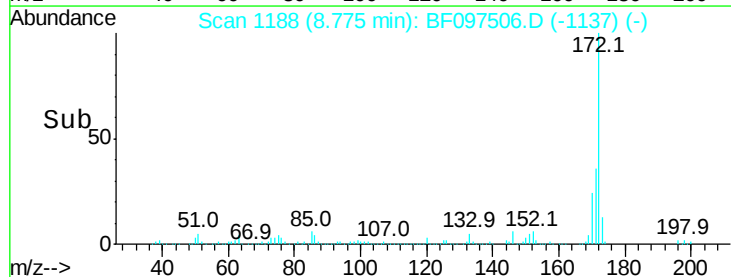
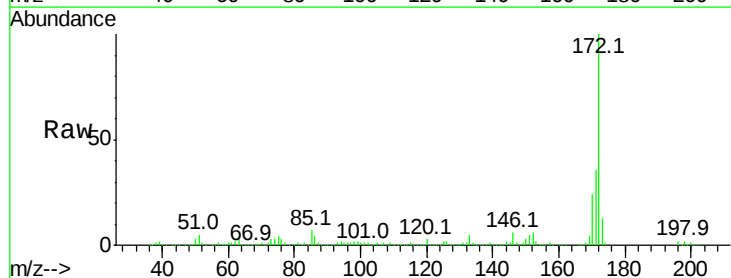
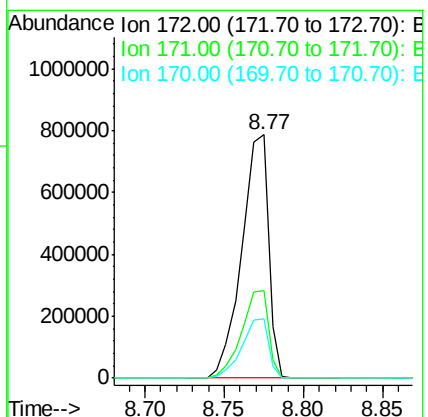
Manual Integrations
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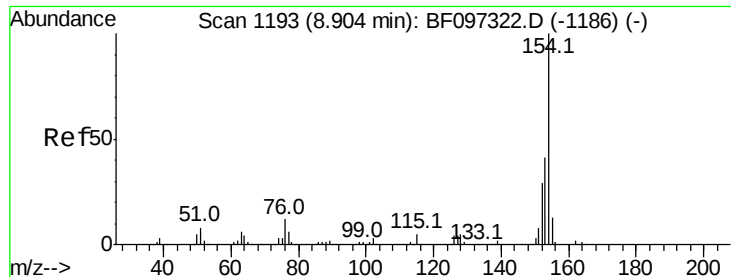
Sohil
 8/9/2017 7:16:58 PM



#44
 2-Fluorobiphenyl
 Concen: 103.957 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.6	44.4	
170	24.2	19.8	29.8	





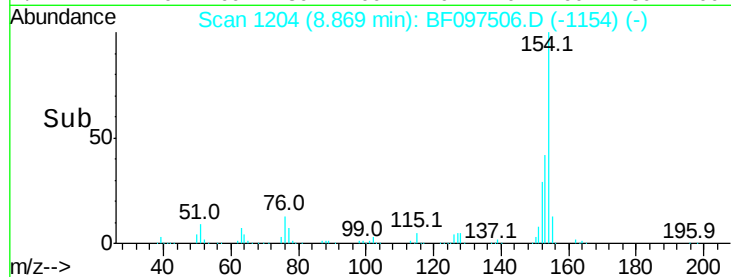
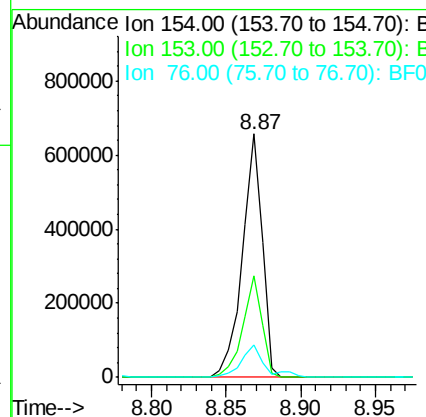
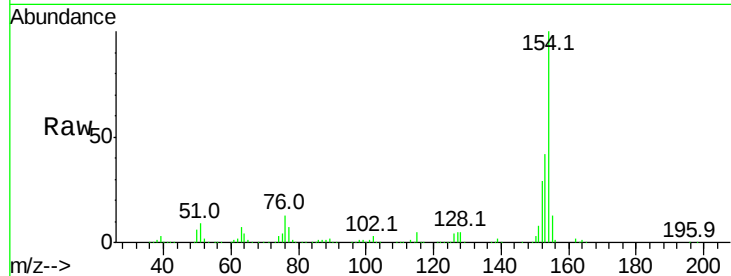
#45
 1,1'-Biphenyl
 Concen: 47.614 ng
 RT: 8.87 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.7	21.2	61.2	
76	13.4	0.0	29.9	

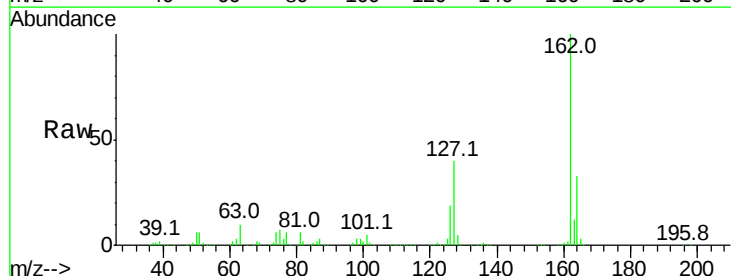
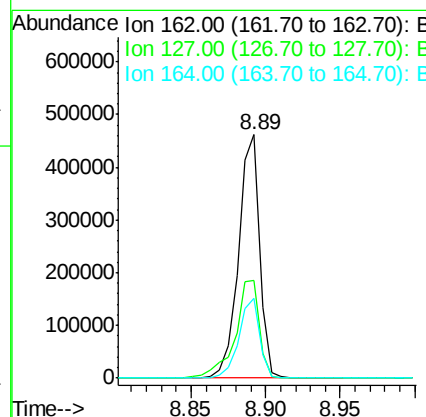
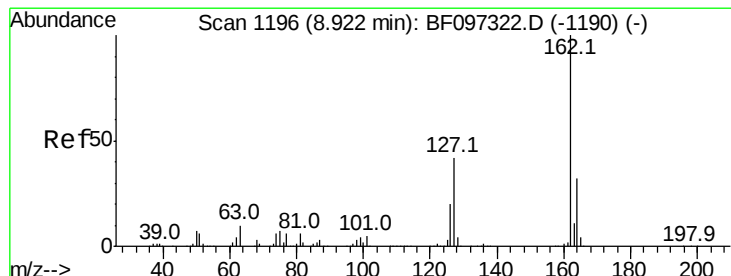
Manual Integrations
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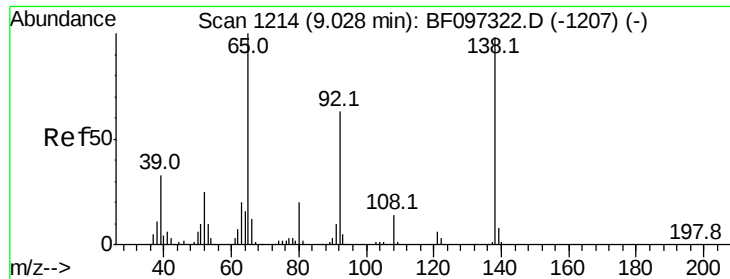
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#46
 2-Chloronaphthalene
 Concen: 48.478 ng
 RT: 8.89 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

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





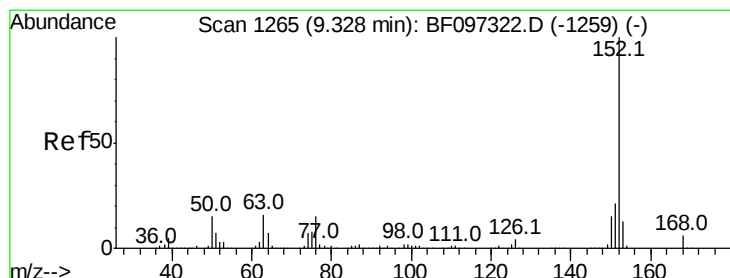
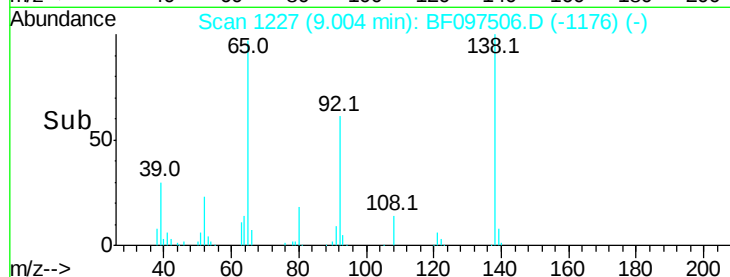
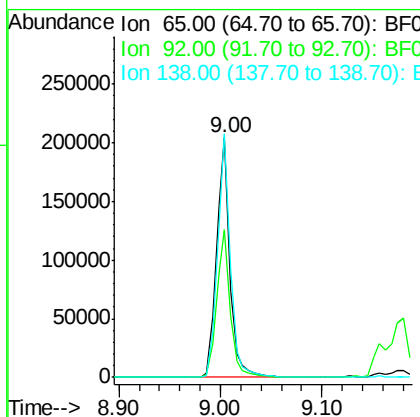
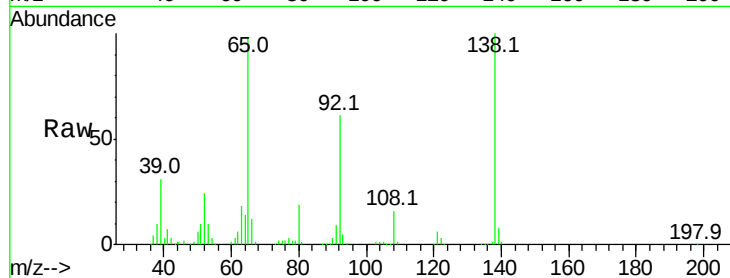
#47
2-Nitroaniline
Concen: 54.474 ng
RT: 9.00 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	61.6	53.9	80.9	
138	101.7	78.8	118.2	

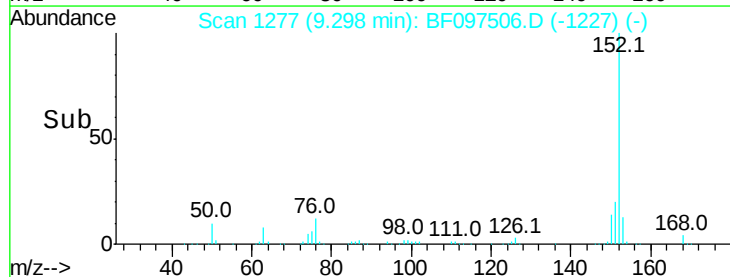
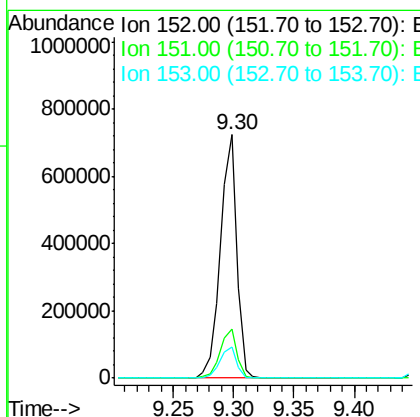
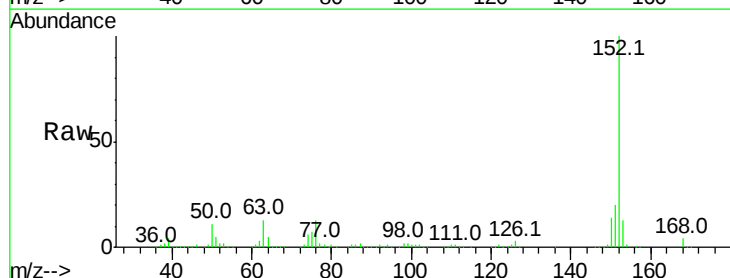
Manual Integrations
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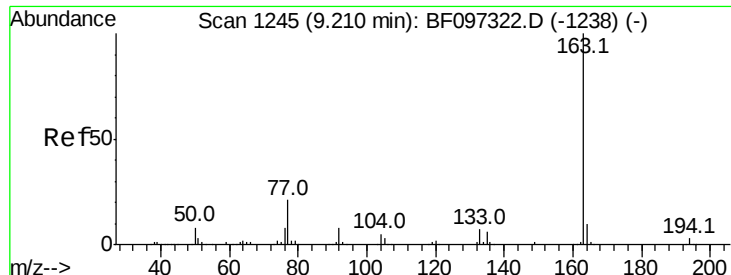
Sohil
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#48
Acenaphthylene
Concen: 46.313 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.2	16.8	25.2	
153	12.5	10.8	16.2	





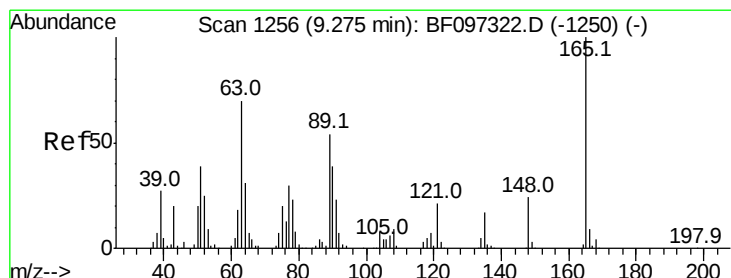
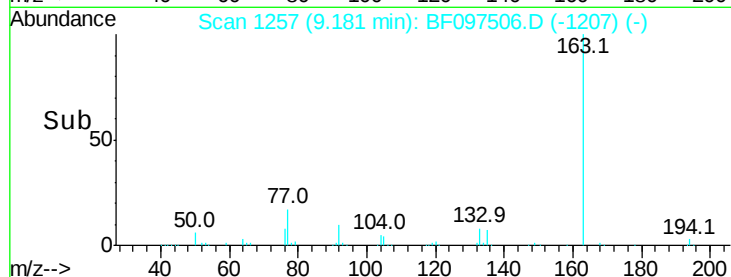
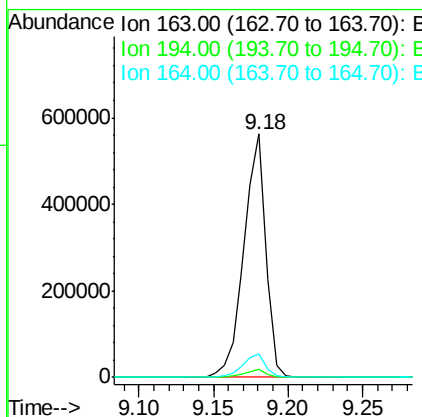
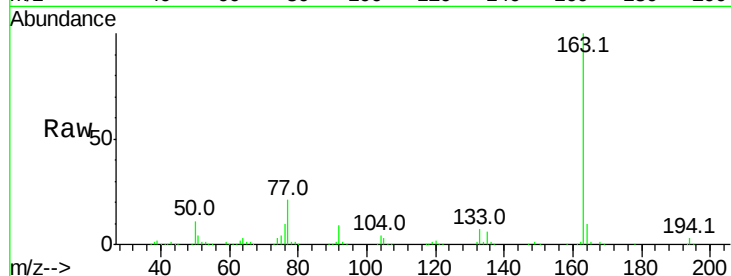
#49
 Dimethylphthalate
 Concen: 49.948 ng
 RT: 9.18 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	9.8	8.4	12.6	

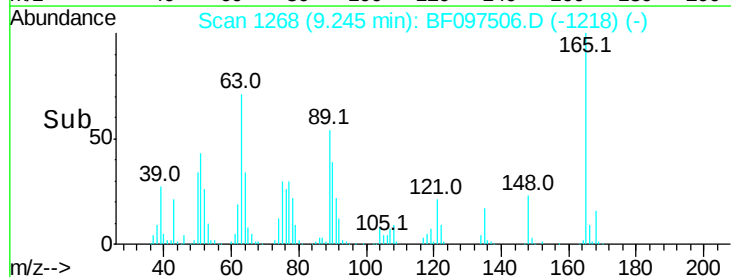
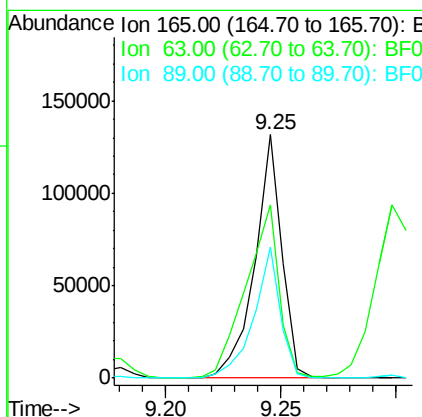
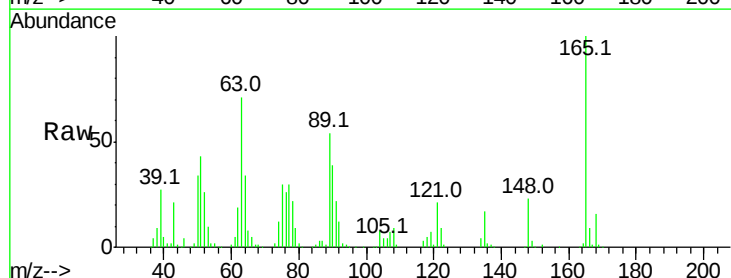
Manual Integrations
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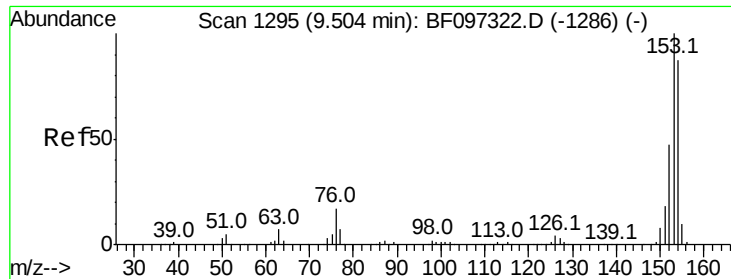
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#50
 2,6-Dinitrotoluene
 Concen: 44.433 ng
 RT: 9.25 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.1	34.3	51.5#	
89	53.5	37.1	55.7	





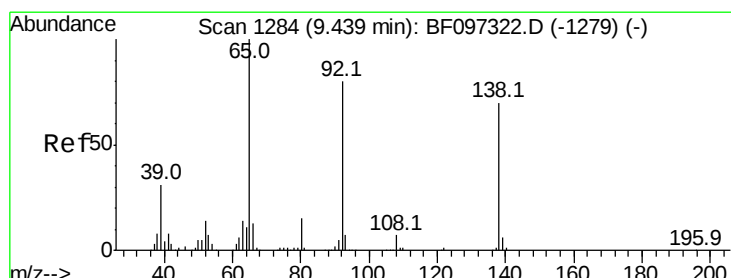
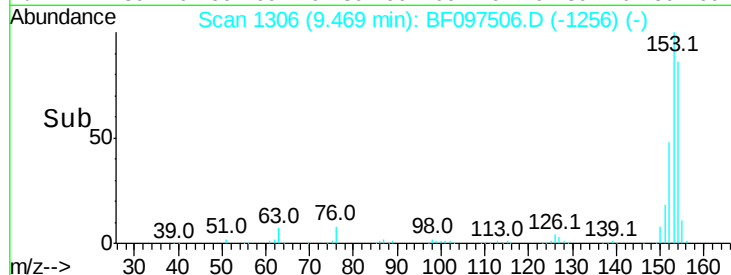
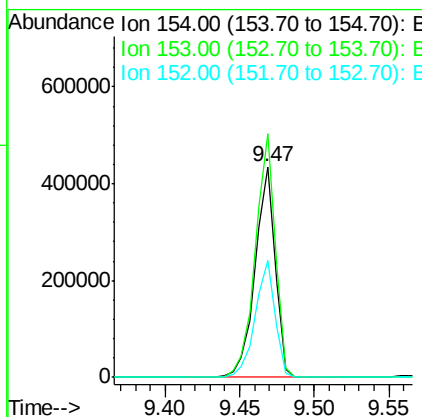
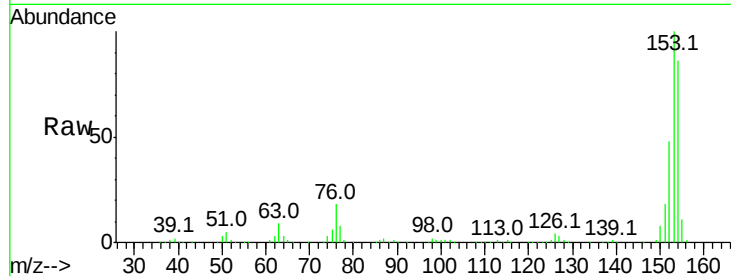
#51
Acenaphthene
Concen: 46.666 ng
RT: 9.47 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	399692		
153	115.7	90.5	135.7	
152	55.7	43.6	65.4	

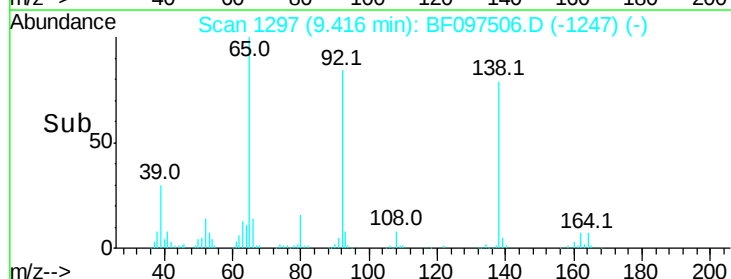
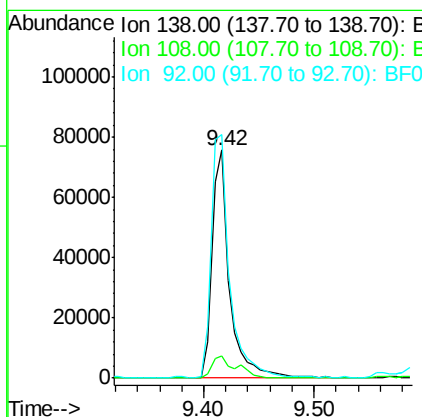
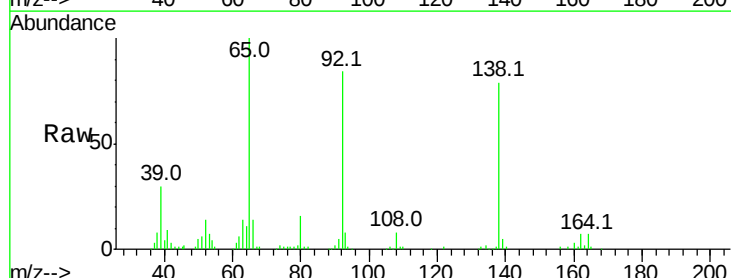
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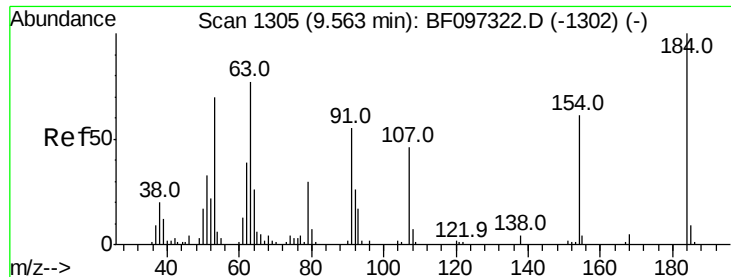
Sohil
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#52
3-Nitroaniline
Concen: 26.976 ng
RT: 9.42 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	81280		
108	9.9	9.1	13.7	
92	107.0	93.8	140.6	





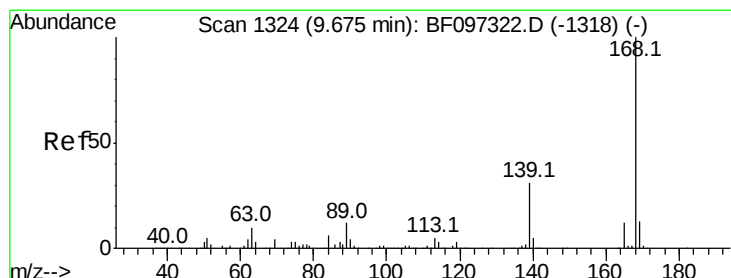
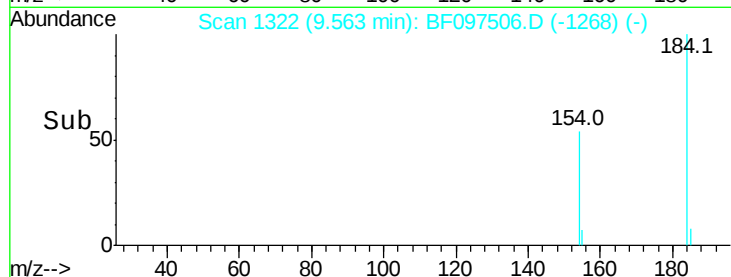
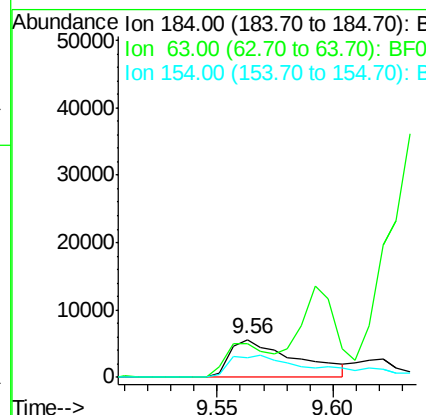
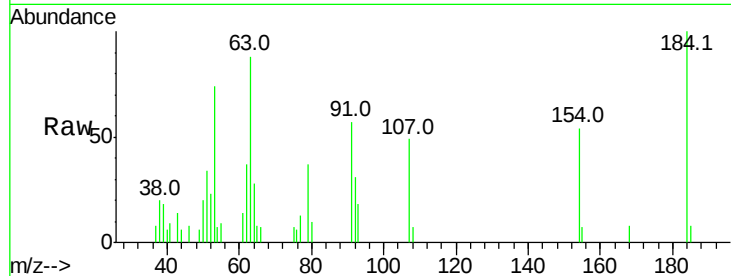
#53
 2,4-Dinitrophenol
 Concen: 10.057 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. 0.02 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	11100		
63	88.2	62.7	94.1	
154	54.0	81.1	121.7	

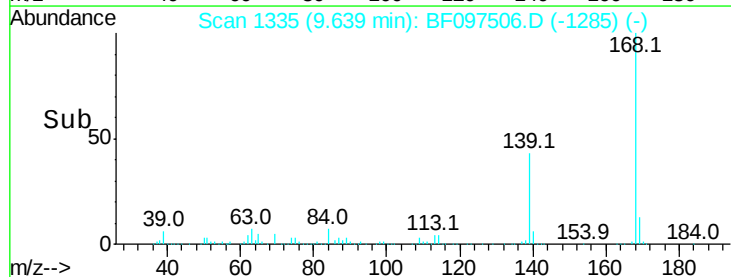
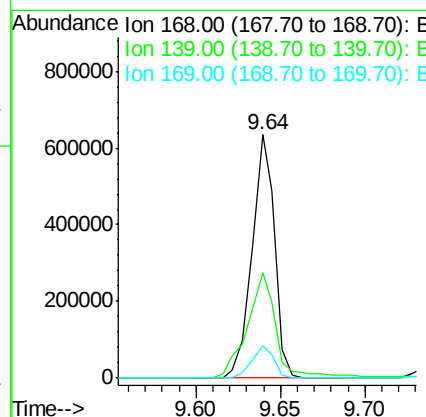
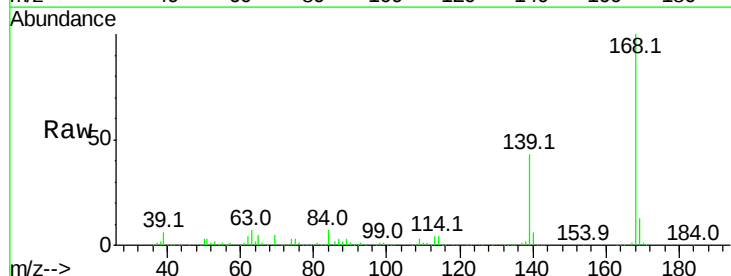
Manual Integrations
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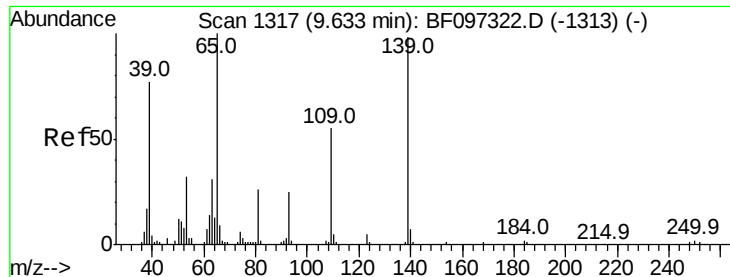
Sohil
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#54
 Dibenzofuran
 Concen: 51.822 ng
 RT: 9.64 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	591204		
139	43.3	30.6	45.8	
169	13.2	10.8	16.2	





#55

4-Nitrophenol

Concen: 31.553 ng/mL

RT: 9.63 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

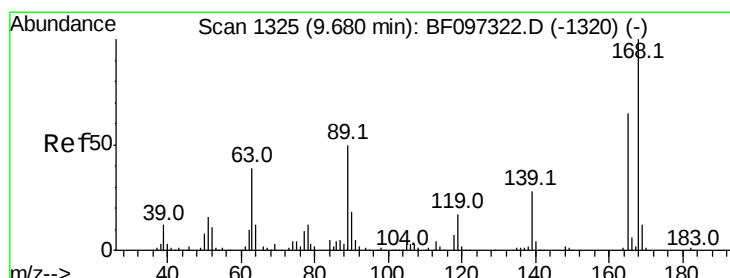
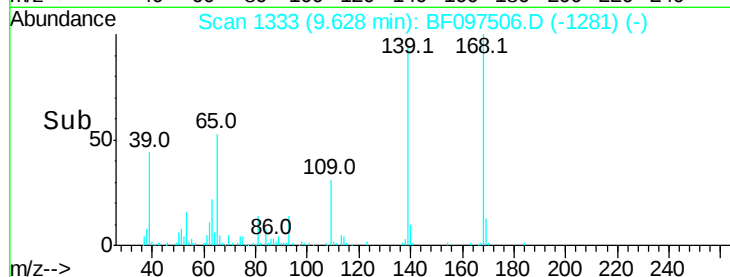
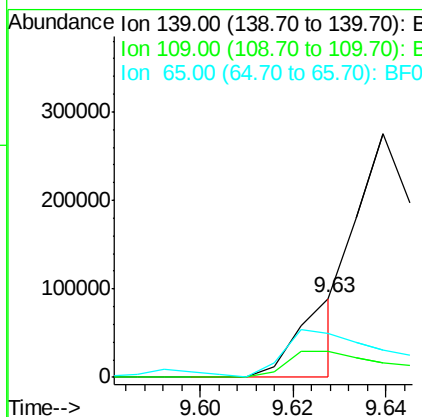
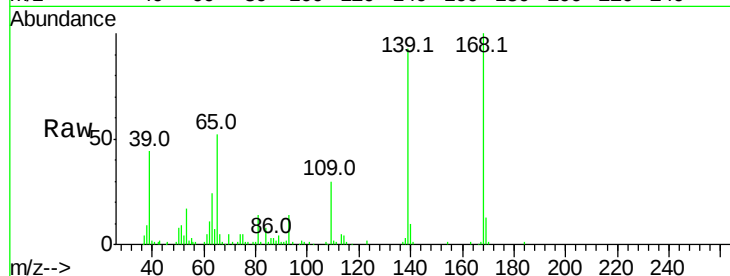
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	139	Resp:	56536
Ion Ratio	Lower	Upper	
139	100		
109	32.8	34.1	74.1#
65	56.4	31.4	71.4

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#56

2,4-Dinitrotoluene

Concen: 46.532 ng/mL

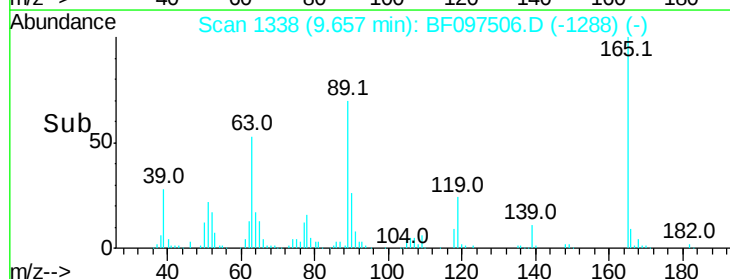
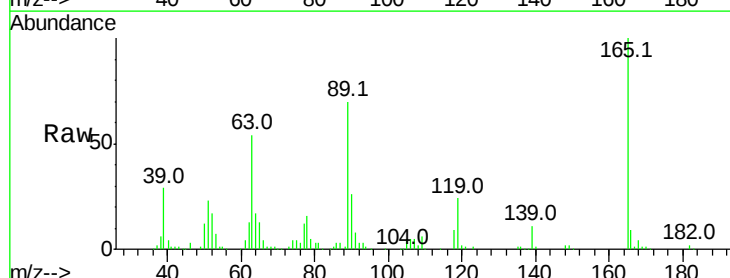
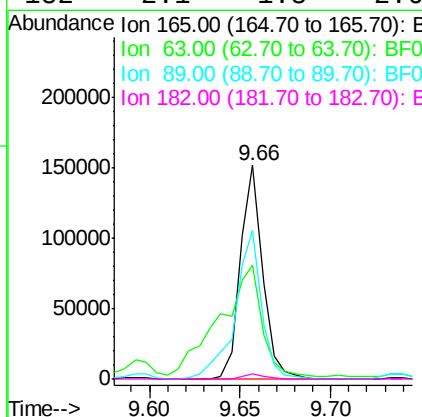
RT: 9.66 min Scan# 1338

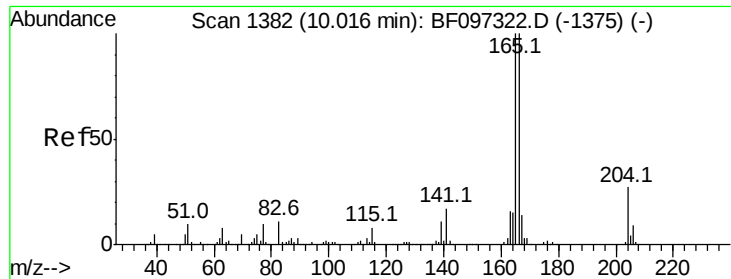
Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	165	Resp:	129849
Ion Ratio	Lower	Upper	
165	100		
63	53.6	25.4	38.0#
89	69.6	46.4	69.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 47.634 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

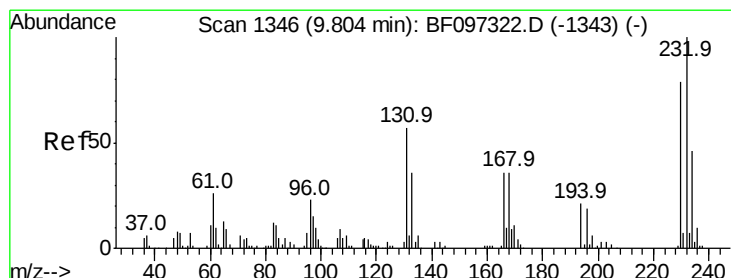
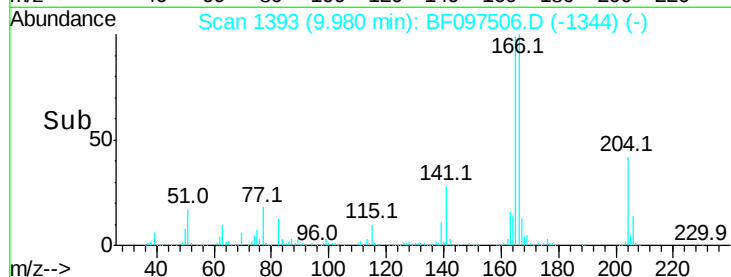
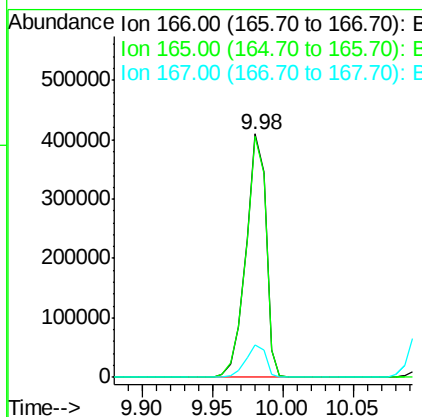
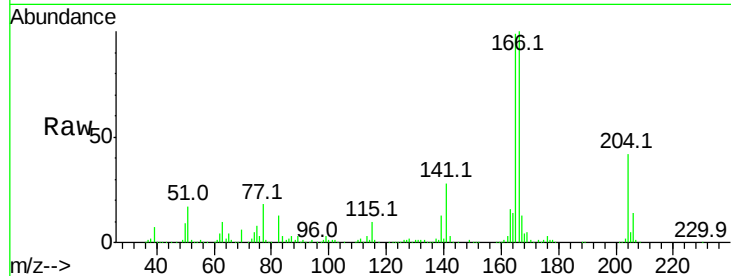
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	166	Resp:	408435
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.8	118.2
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.758 ng

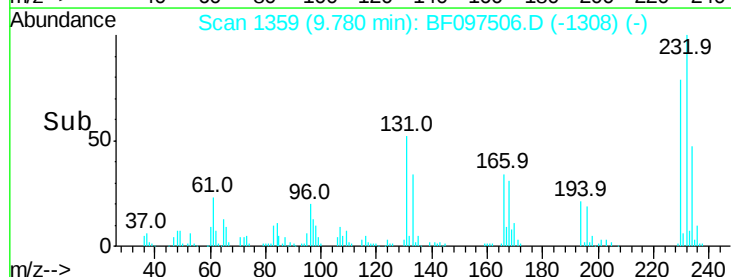
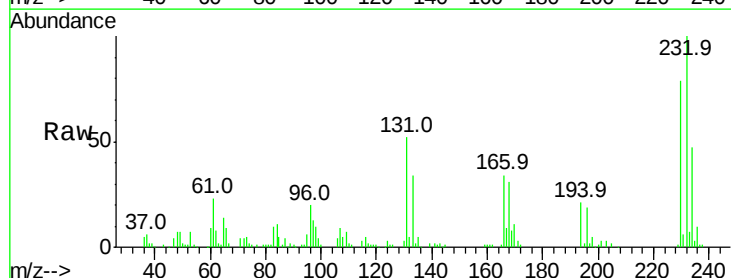
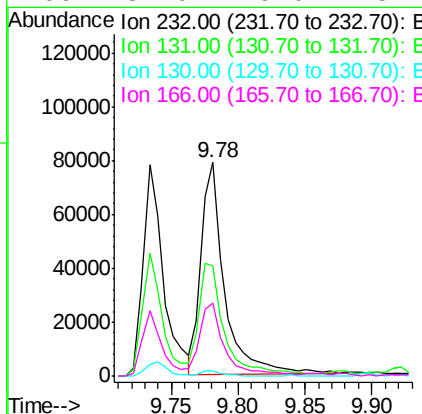
RT: 9.78 min Scan# 1359

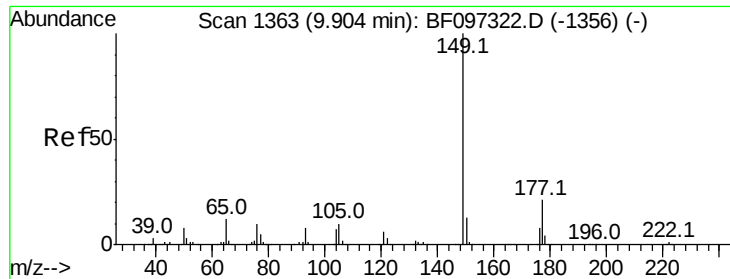
Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	232	Resp:	96186
Ion Ratio	Lower	Upper	
232	100		
131	55.9	44.8	67.2
130	2.4	2.3	3.5
166	34.0	29.0	43.4





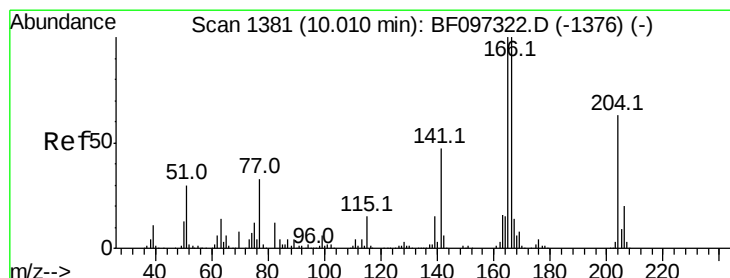
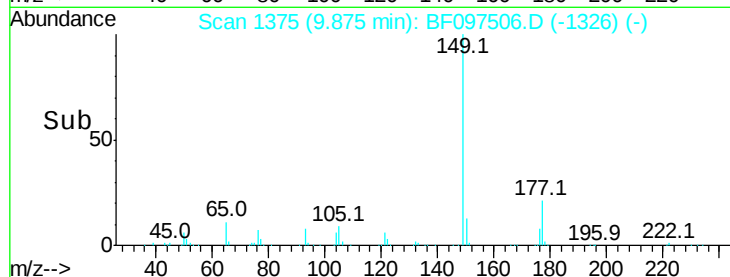
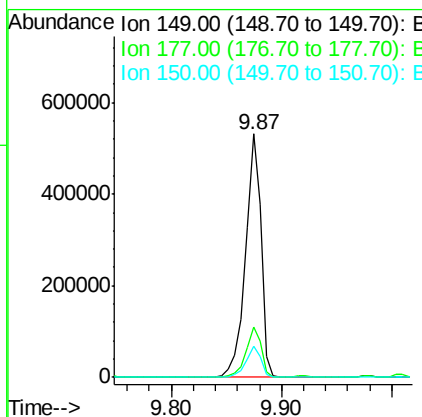
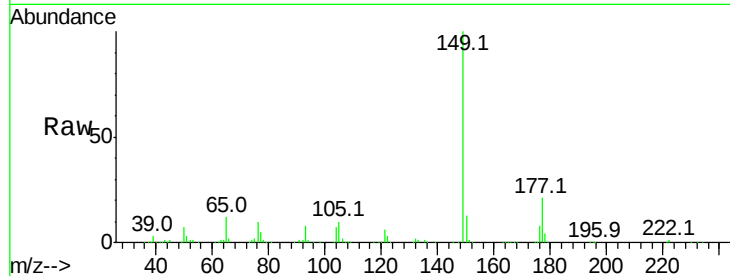
#59
Diethylphthalate
Concen: 50.069 ng
RT: 9.87 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	525734		
177	20.6	16.7	25.1	
150	12.7	10.2	15.2	

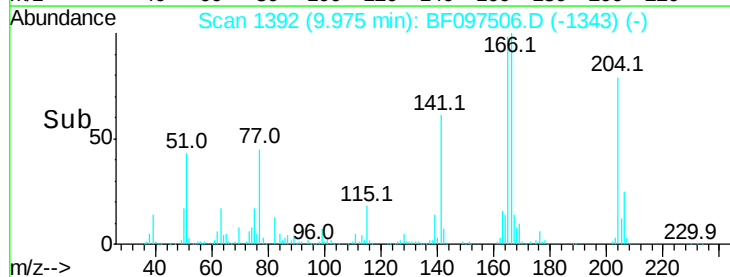
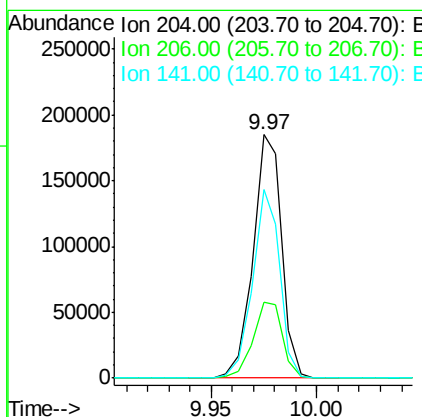
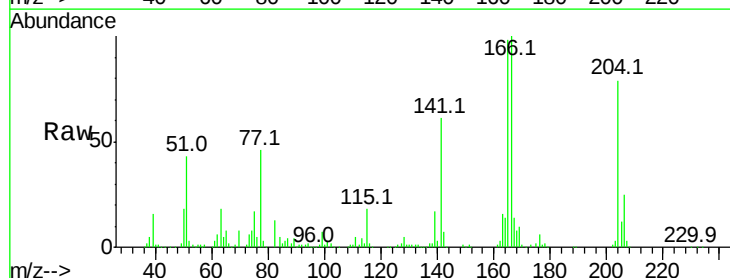
Manual Integrations
APPROVED

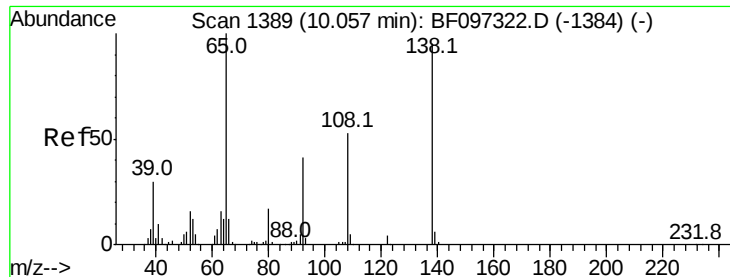
Sohil
8/9/2017 7:16:58 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.193 ng
RT: 9.97 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	174182		
206	31.1	26.2	39.2	
141	77.3	60.8	91.2	





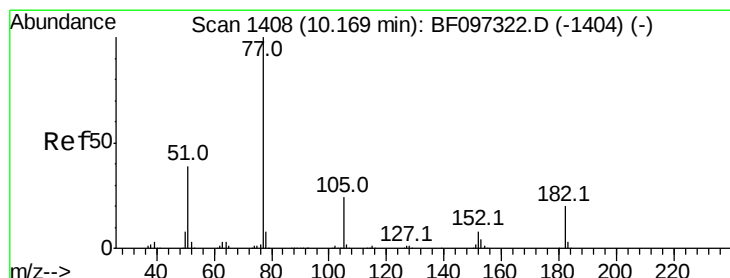
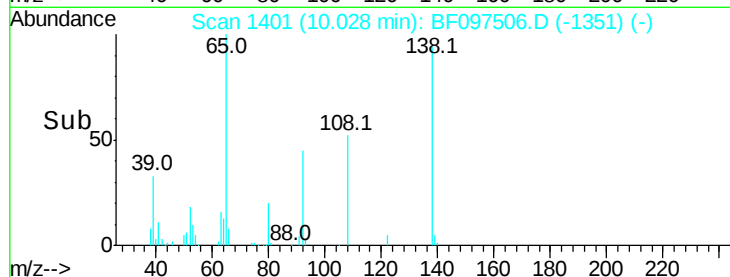
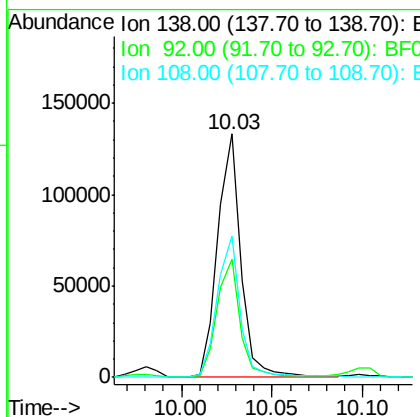
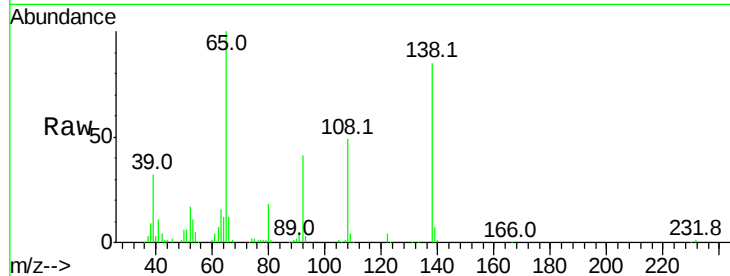
#61
4-Nitroaniline
Concen: 41.874 ng
RT: 10.03 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	48.3	21.8	61.8	
108	57.9	42.3	82.3	

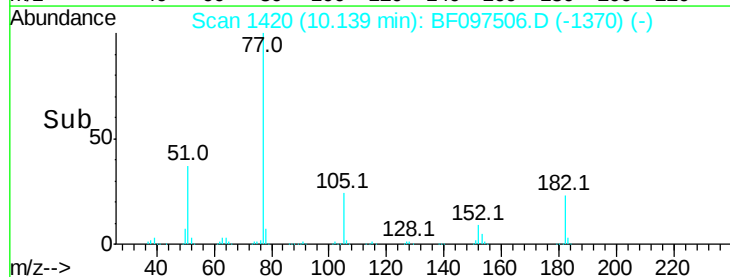
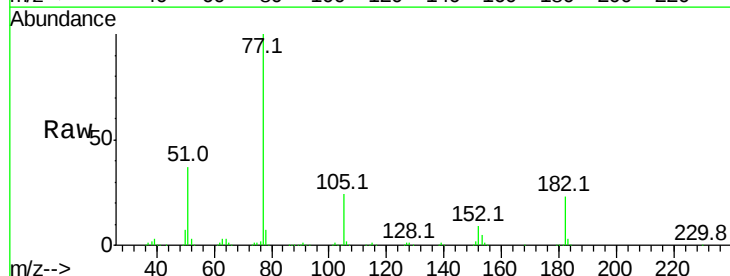
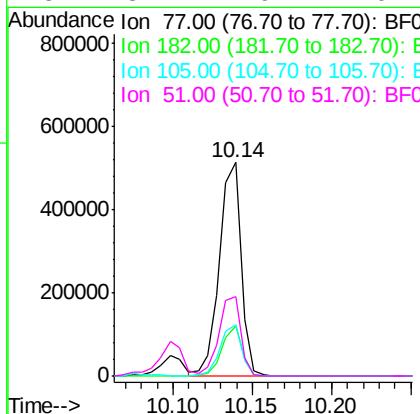
Manual Integrations
APPROVED

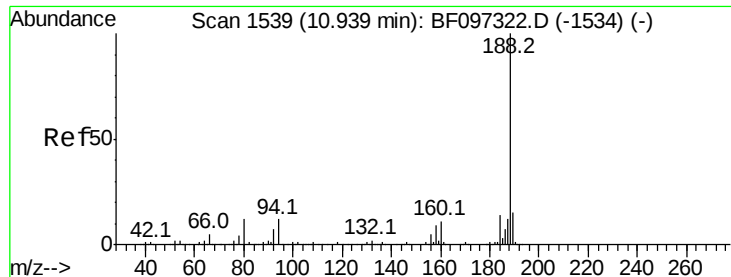
Sohil
8/9/2017 7:16:58 PM



#62
Azobenzene
Concen: 50.053 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.4	0.1	40.1	
105	24.3	3.6	43.6	
51	37.2	9.4	49.4	





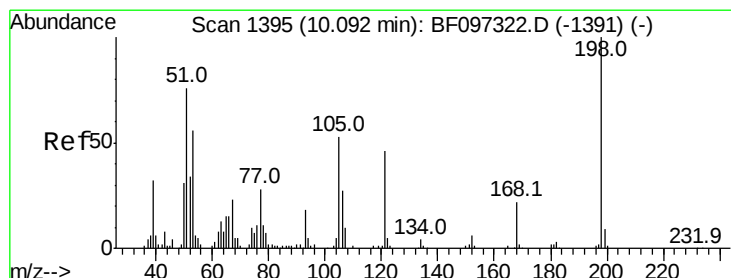
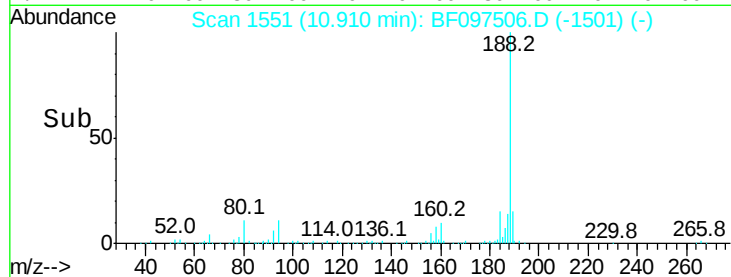
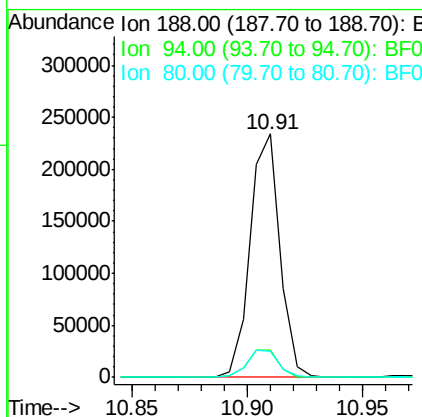
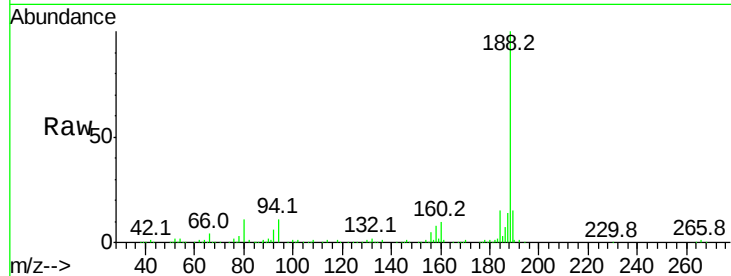
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	211646		
94	11.2		9.4	14.2
80	10.9		10.2	15.2

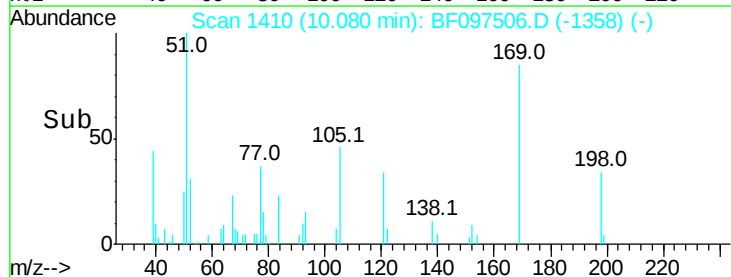
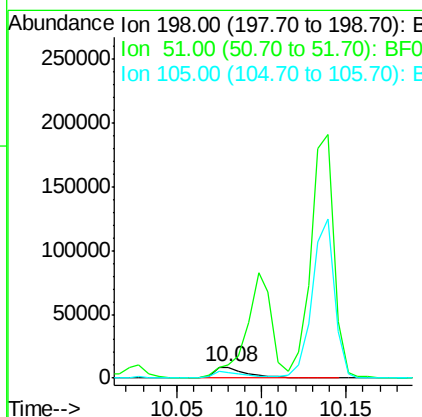
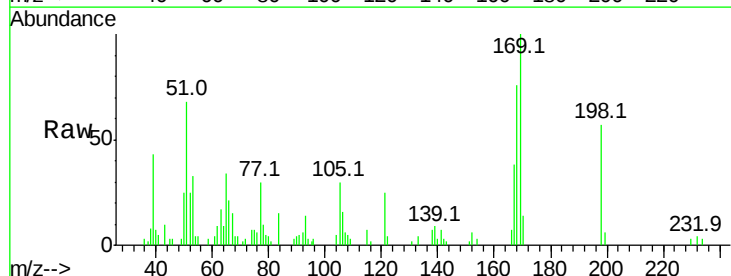
Manual Integrations
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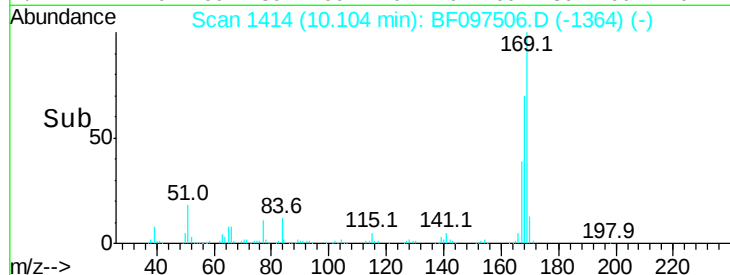
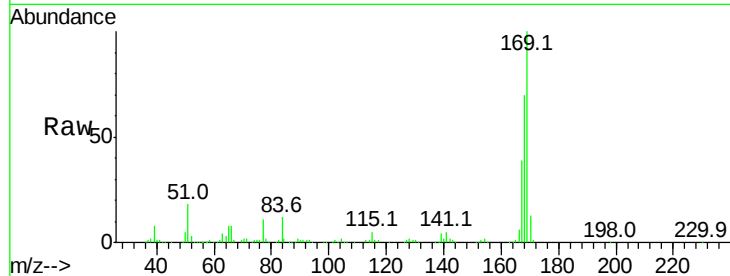
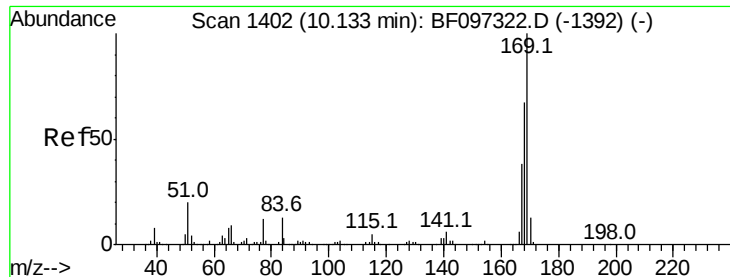
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.591 ng
RT: 10.08 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	11299		
51	119.6		53.2	93.2#
105	53.3		45.8	85.8





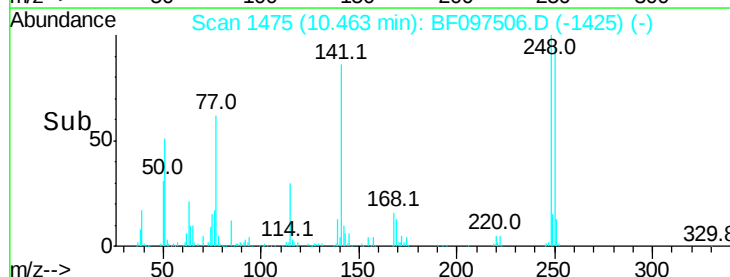
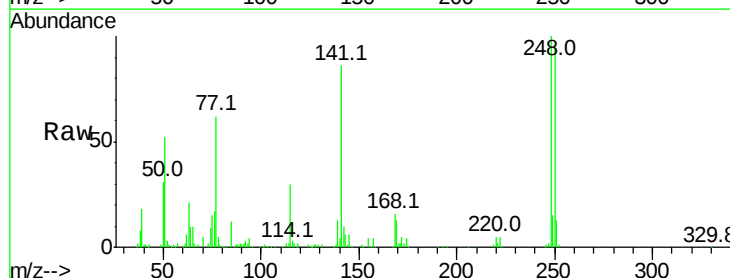
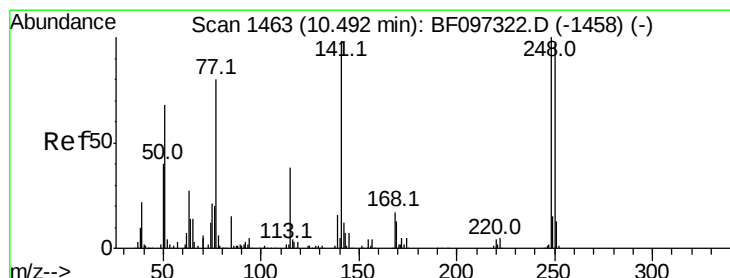
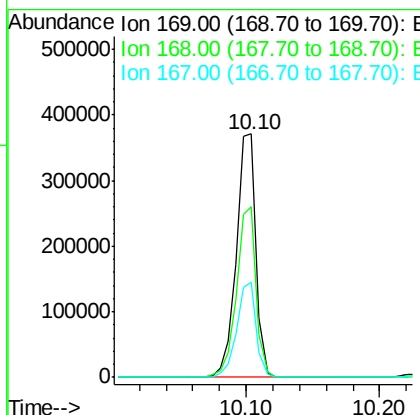
#65
n-Nitrosodiphenylamine
Concen: 51.851 ng
RT: 10.10 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.9	53.2	79.8	
167	39.2	29.5	44.3	

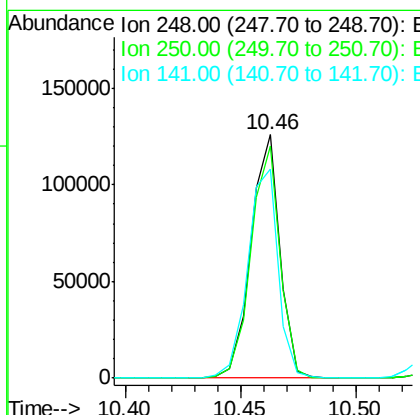
Manual Integrations
APPROVED

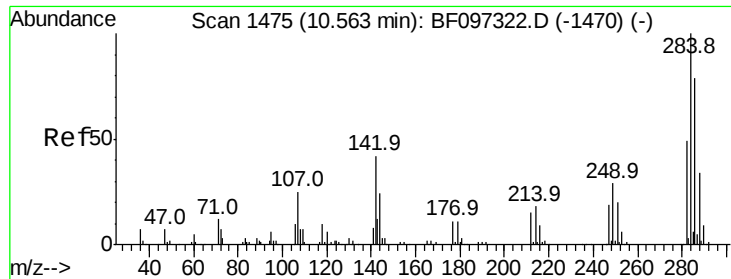
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#66
4-Bromophenyl-phenylether
Concen: 52.232 ng
RT: 10.46 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.1	76.8	115.2	
141	85.7	68.6	103.0	





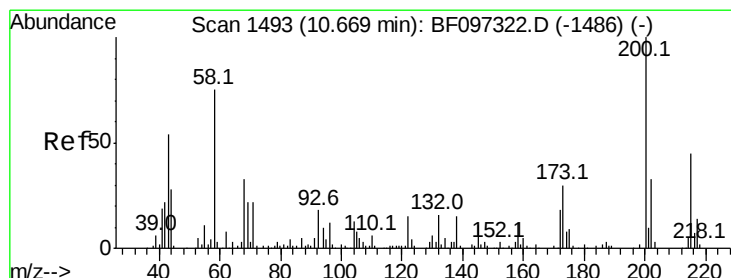
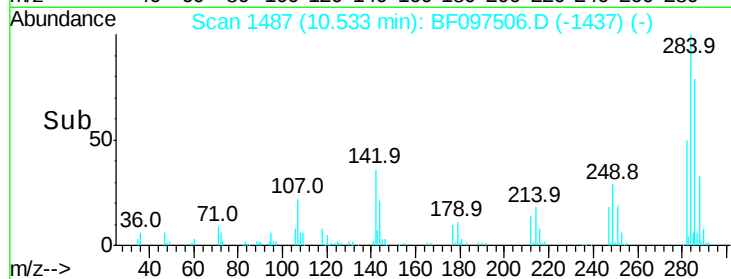
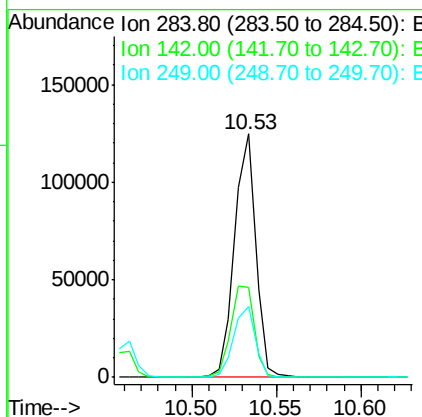
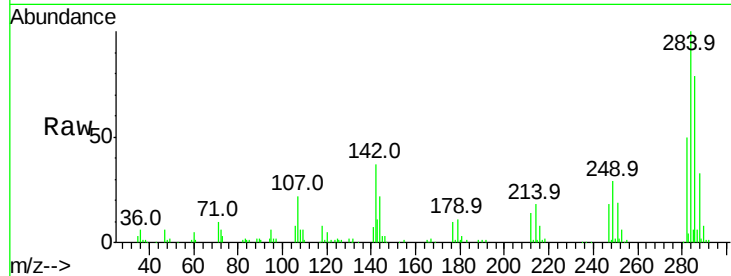
#67
Hexachlorobenzene
Concen: 46.012 ng
RT: 10.53 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.7	22.8	34.2	#
249	28.8	24.0	36.0	

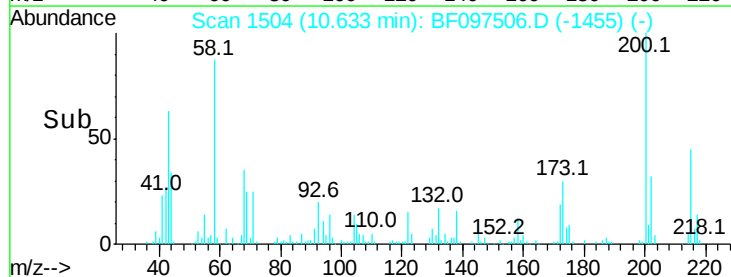
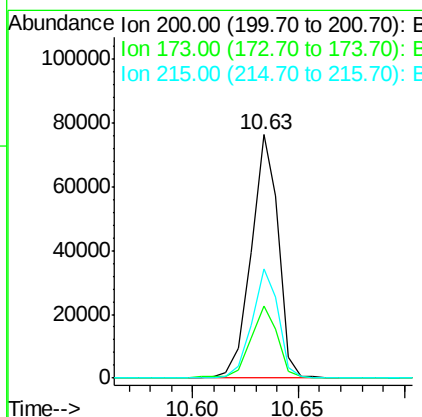
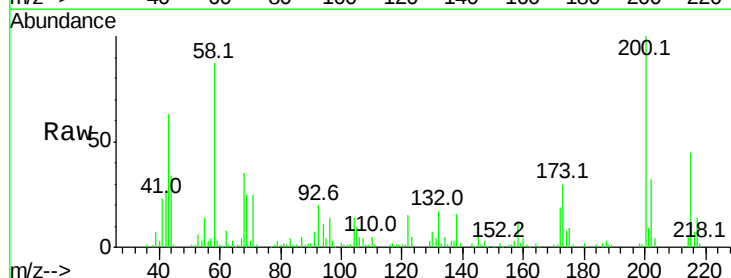
Manual Integrations
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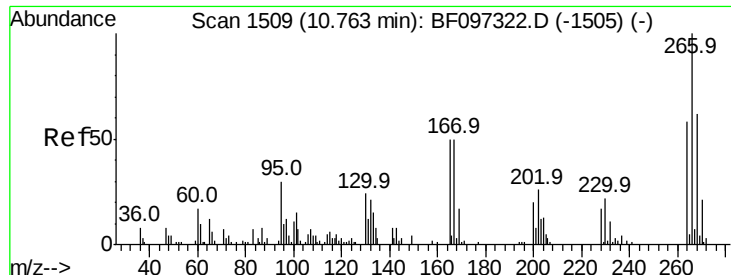
Sohil
8/9/2017 7:16:58 PM



#68
Atrazine
Concen: 32.098 ng
RT: 10.63 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.8	6.3	46.3	
215	44.9	27.2	67.2	





#69

Pentachlorophenol

Concen: 71.478 ng

RT: 10.74 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:266 Resp: 70049

Ion Ratio Lower Upper

266 100

268 61.3 51.1 76.7

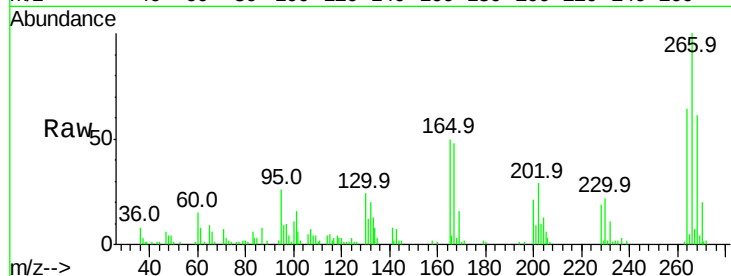
264 64.2 51.7 77.5

Manual Integrations

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Sohil

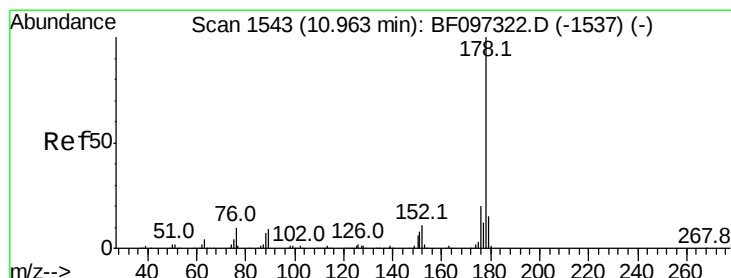
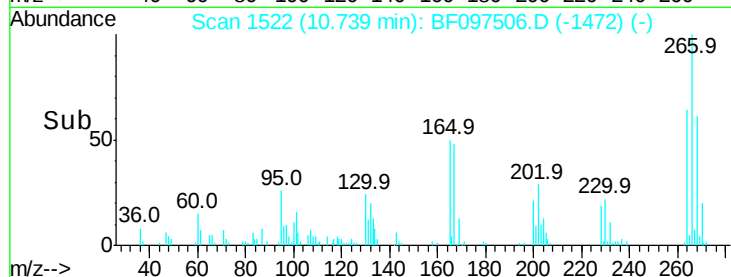
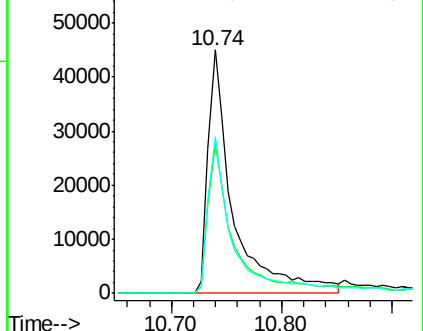
8/9/2017 7:16:58 PM



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: 48.816 ng

RT: 10.93 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

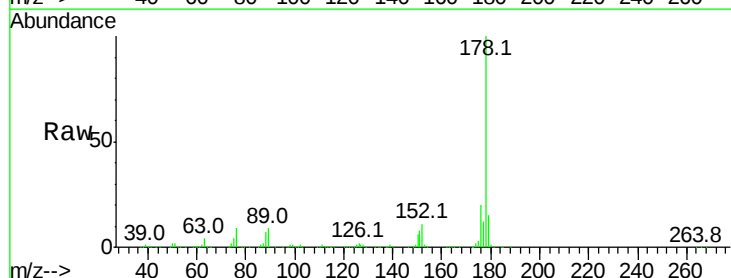
Tgt Ion:178 Resp: 553572

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

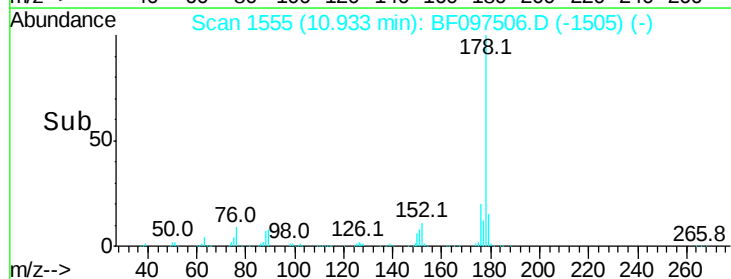
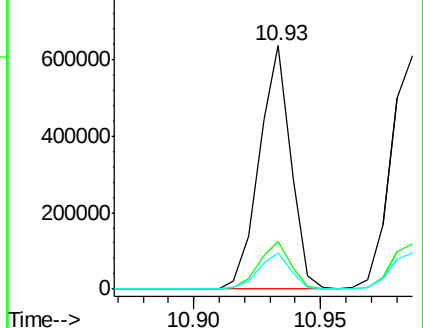
179 15.1 12.6 19.0

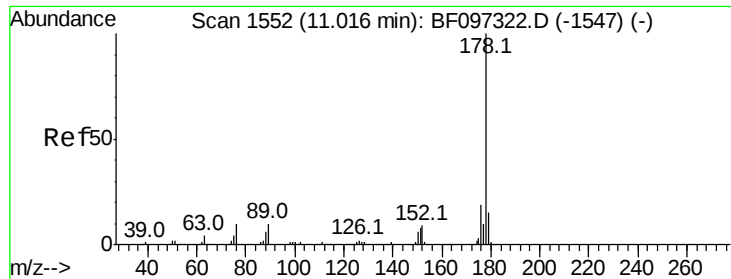


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





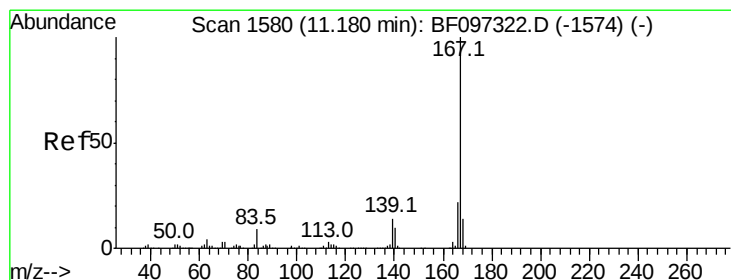
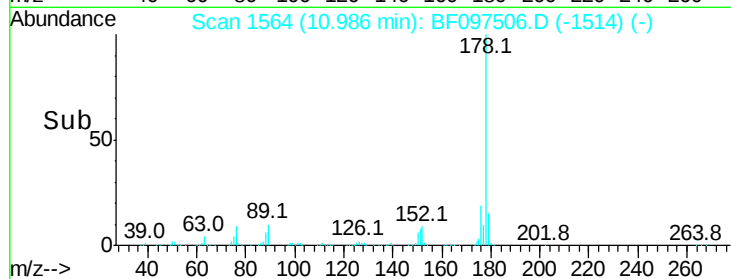
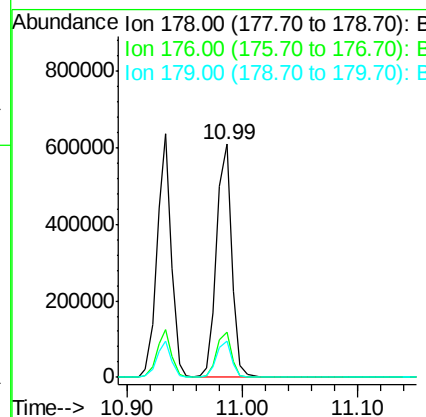
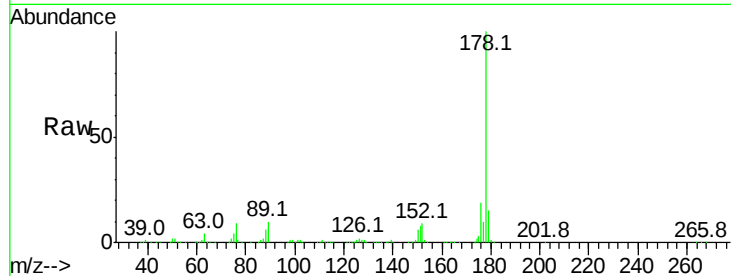
#71
 Anthracene
 Concen: 48.032 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	12.7	19.1

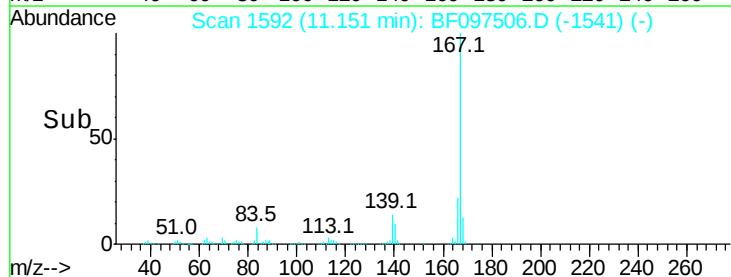
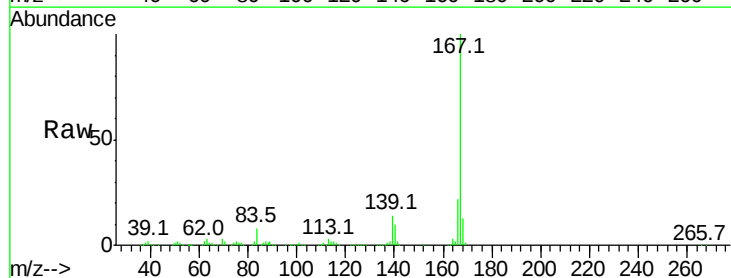
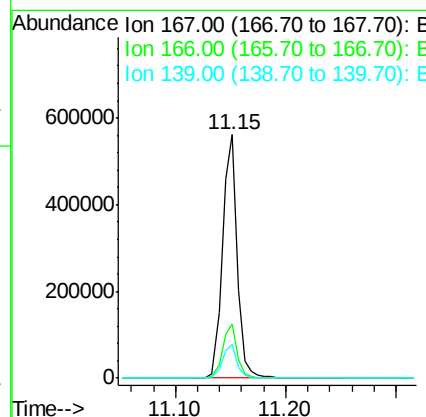
Manual Integrations
 APPROVED

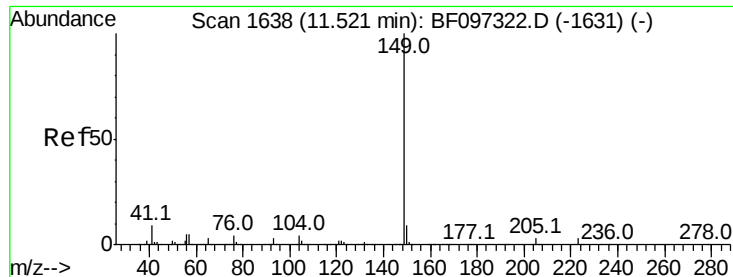
Sohil
 8/9/2017 7:16:58 PM



#72
 Carbazole
 Concen: 44.903 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 50.459 ng

RT: 11.49 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

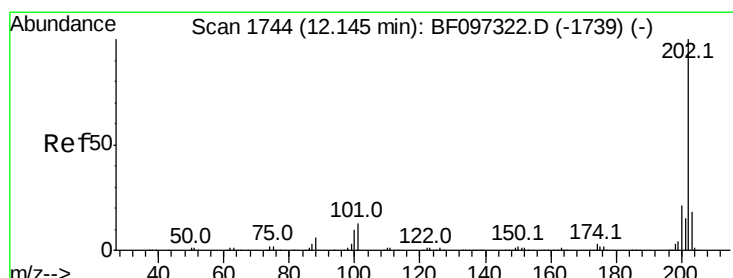
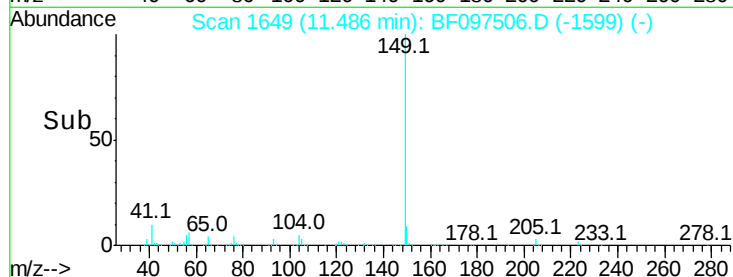
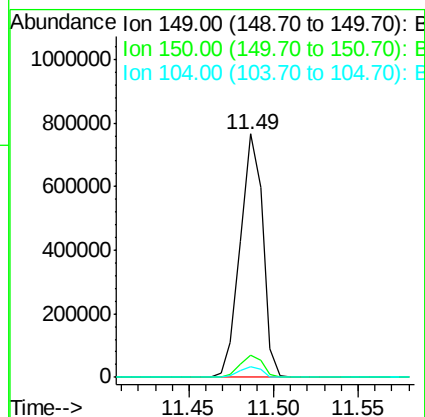
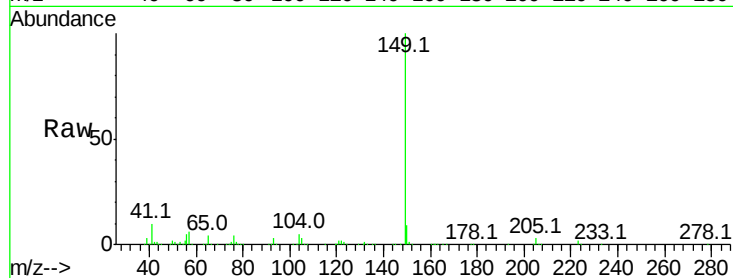
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	149	Resp:	712479
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 50.168 ng

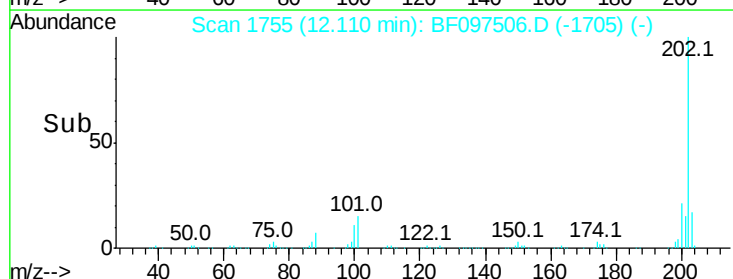
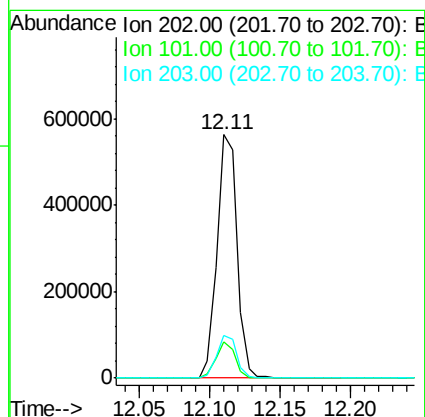
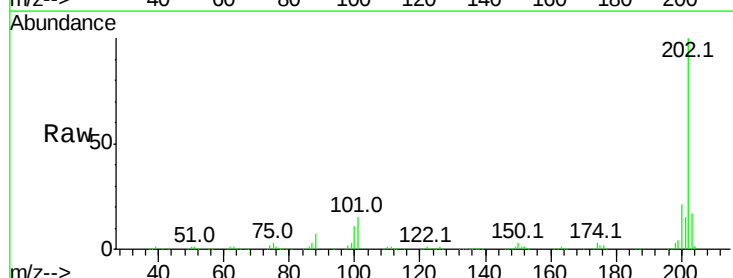
RT: 12.11 min Scan# 1755

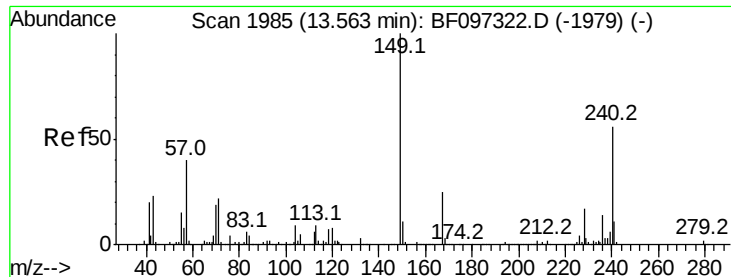
Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	202	Resp:	557330
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

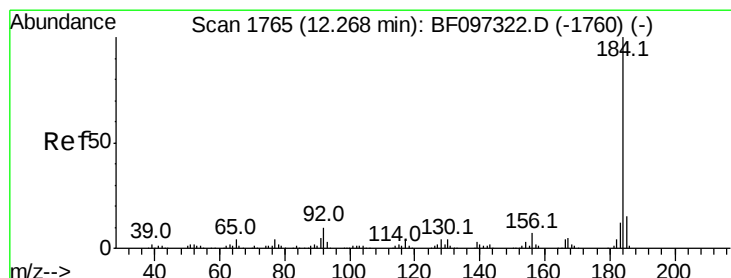
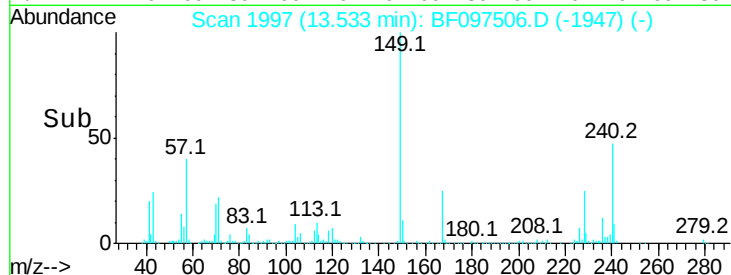
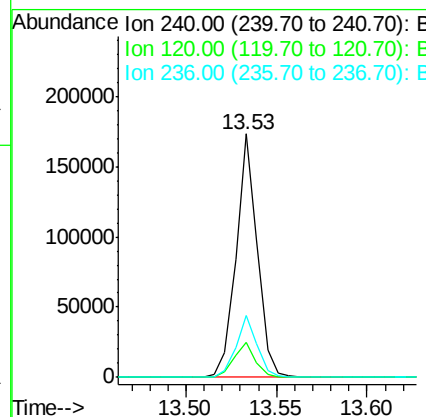
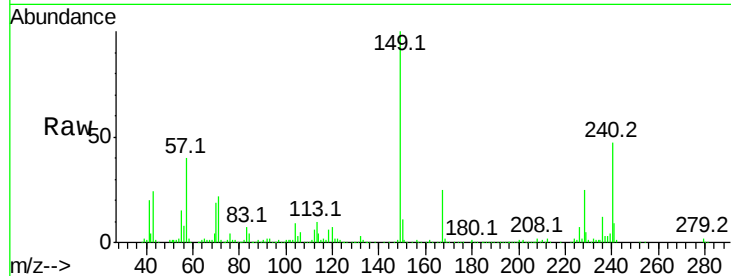
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	240	Resp:	141045
Ion Ratio	Lower	Upper	
240	100		
120	14.4	5.8	8.8#
236	25.6	20.5	30.7

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#76

Benzidine

Concen: 10.994 ng

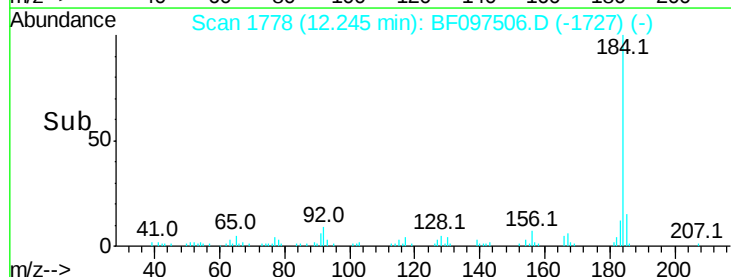
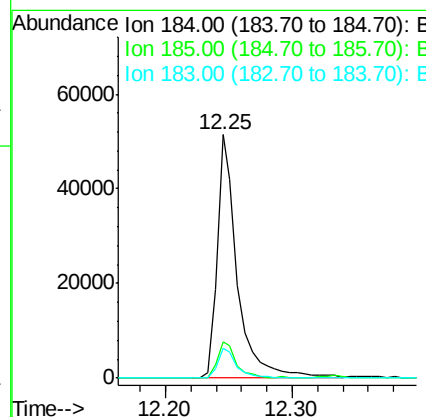
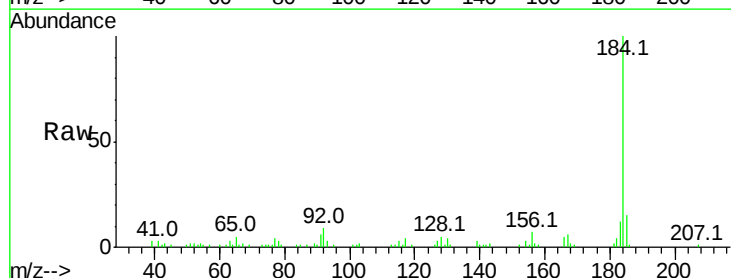
RT: 12.25 min Scan# 1778

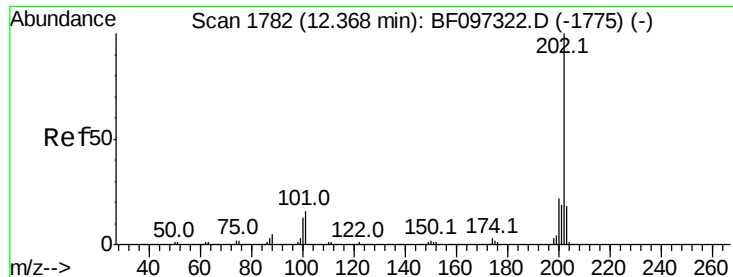
Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	184	Resp:	57537
Ion Ratio	Lower	Upper	
184	100		
185	15.1	15.5	23.3#
183	12.0	9.8	14.6





#77

Pvrene

Concen: 48.569 ng

RT: 12.34 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

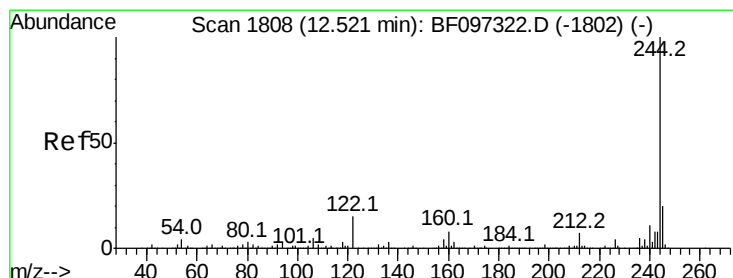
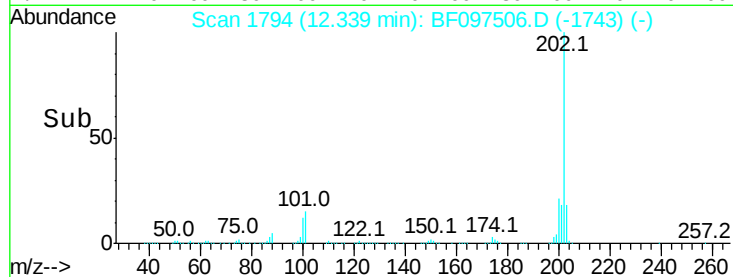
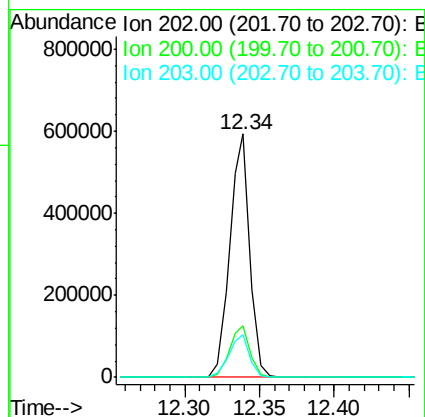
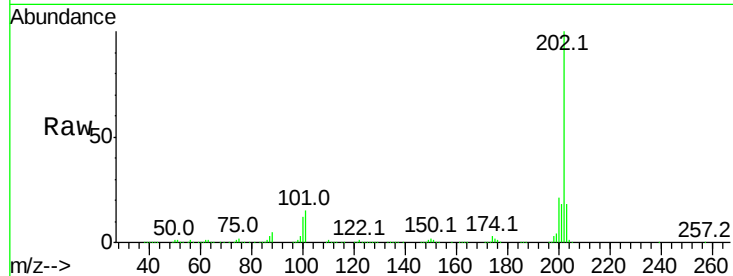
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	202	Resp:	560826
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 87.423 ng

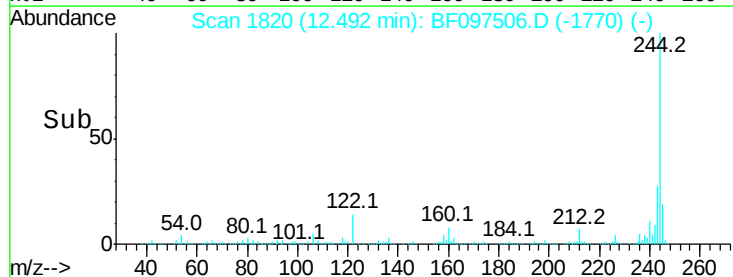
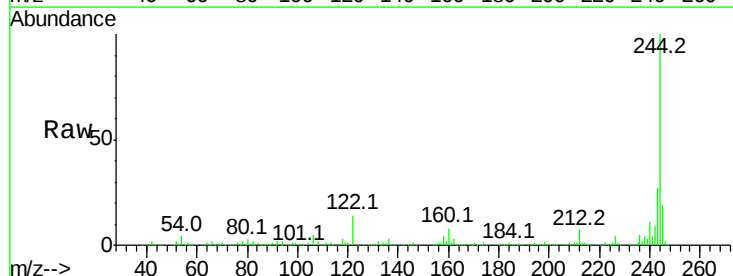
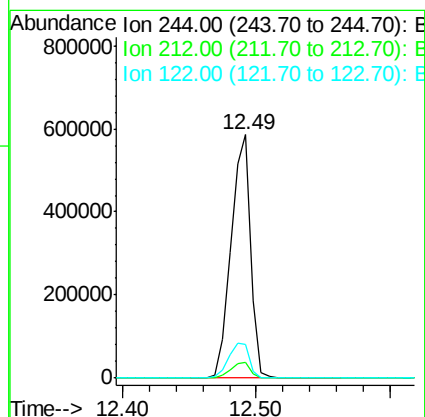
RT: 12.49 min Scan# 1820

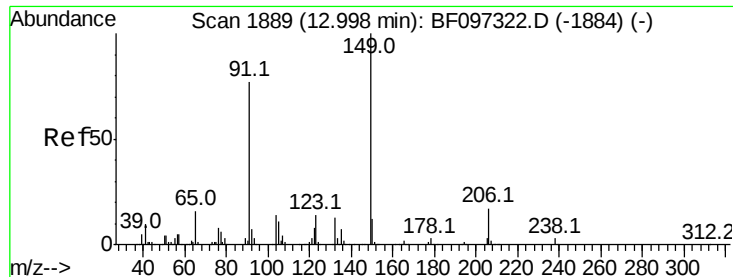
Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	244	Resp:	604783
Ion Ratio		Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.7	10.3	15.5





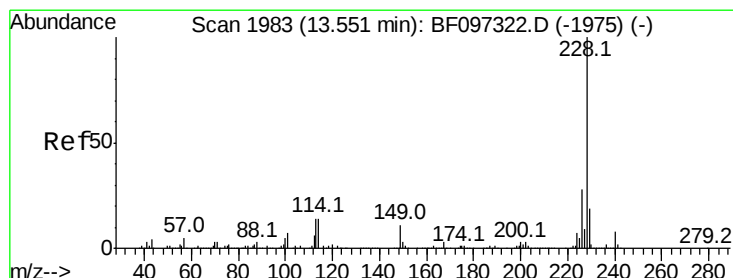
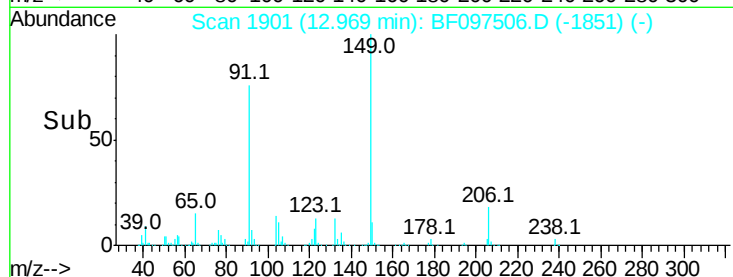
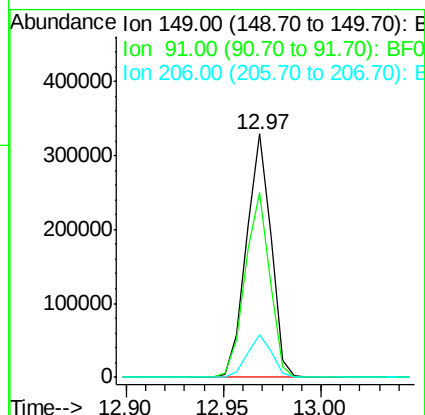
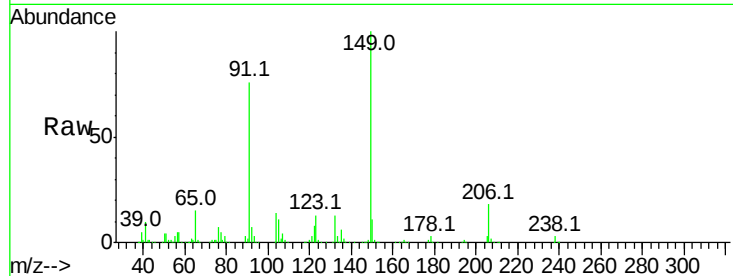
#79
Butylbenzylphthalate
Concen: 48.832 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	286820		
91	75.7	45.0	67.4#	
206	17.6	17.0	25.6	

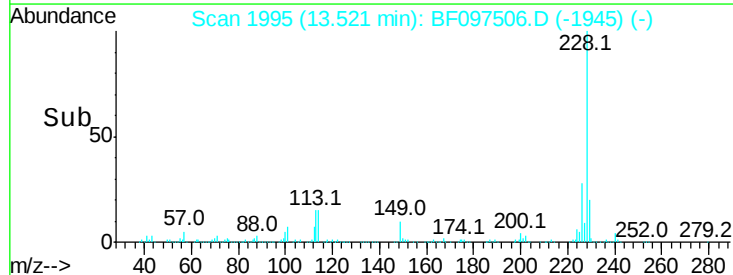
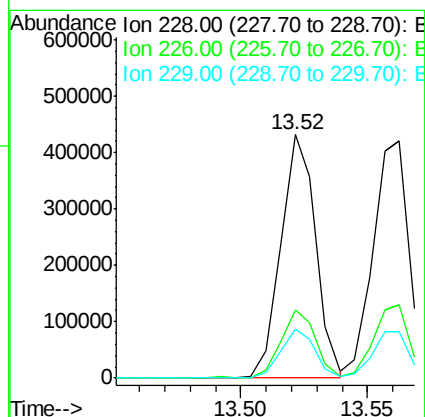
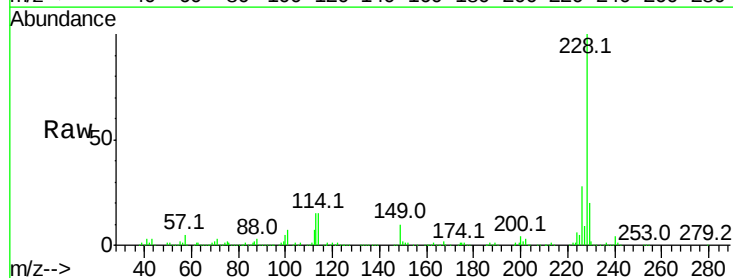
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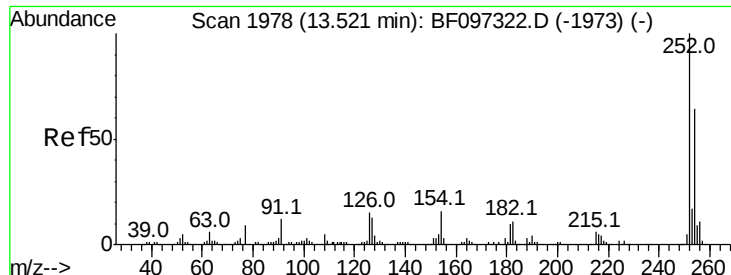
Sohil
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#80
Benzo(a)anthracene
Concen: 45.426 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	414571		
226	28.1	22.6	33.8	
229	20.0	16.3	24.5	





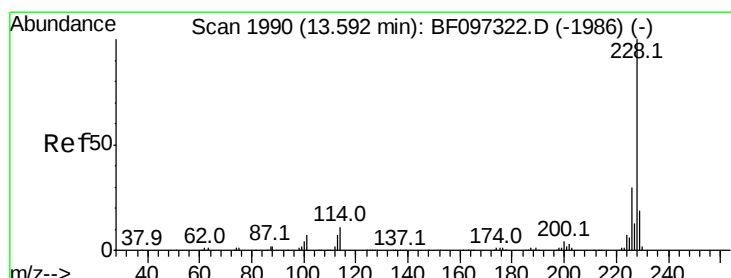
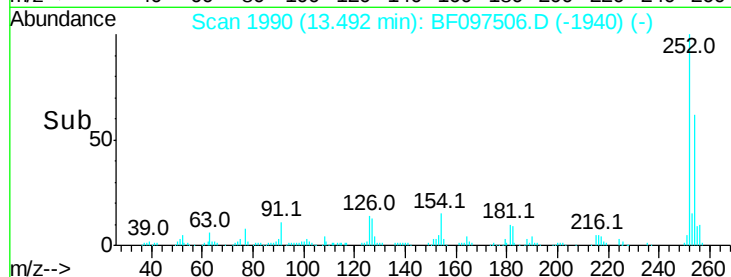
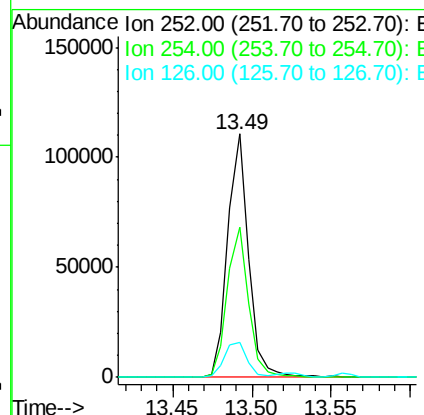
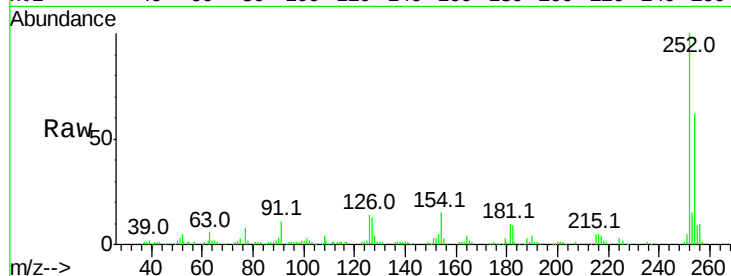
#81
 3,3'-Dichlorobenzidine
 Concen: 29.372 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.8	51.5	77.3
126	14.3	15.8	23.8

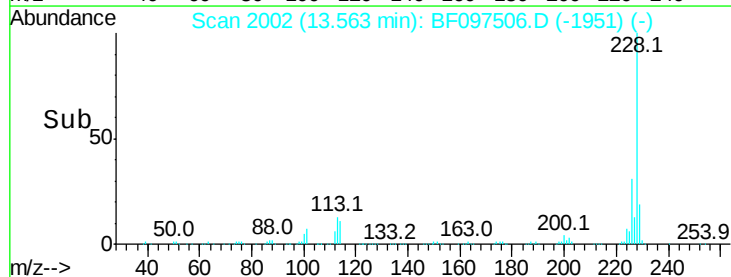
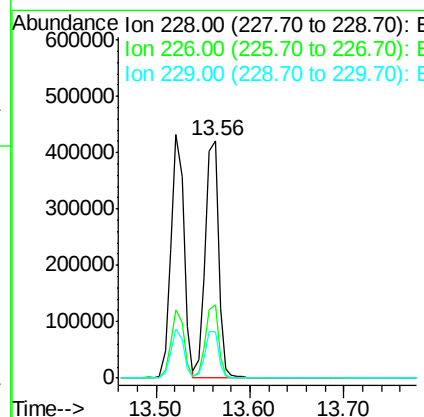
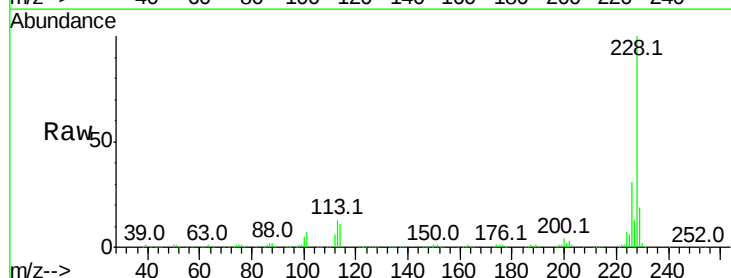
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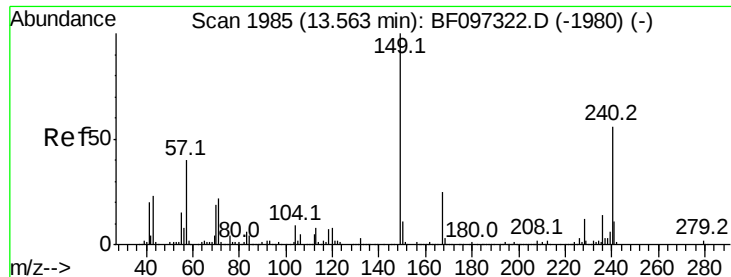
Sohil
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#82
 Chrysene
 Concen: 47.546 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF097506.D
 Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.739 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

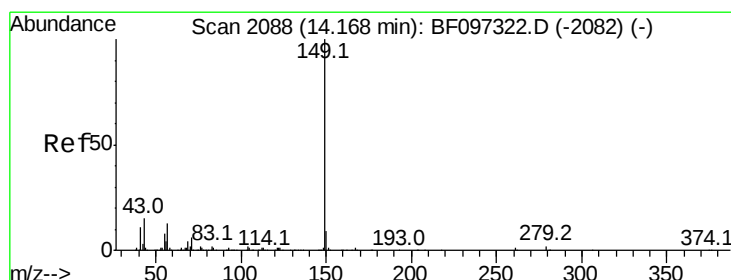
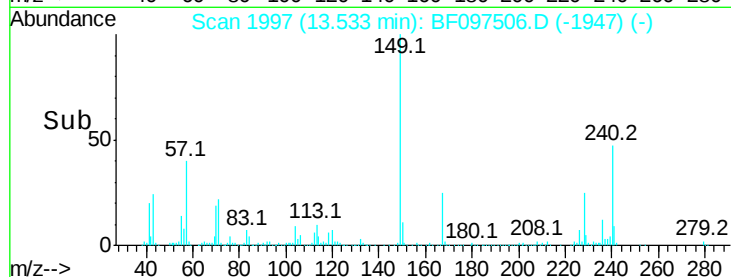
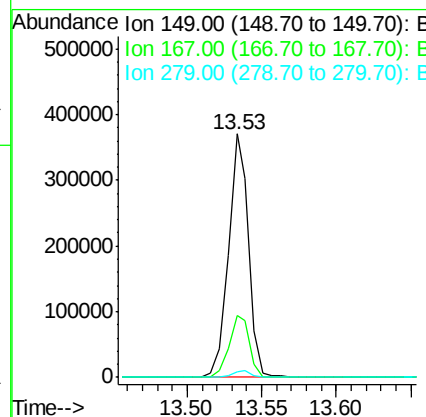
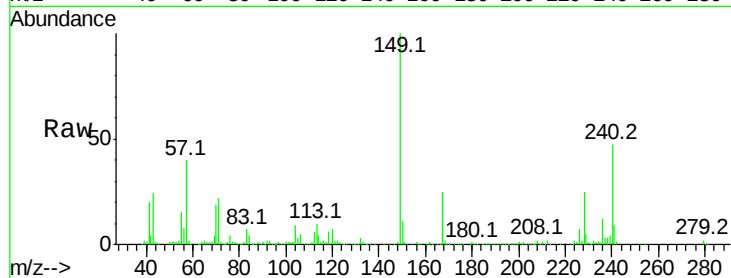
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	149	Resp:	350771
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.0	31.4
279	2.3	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 45.191 ng

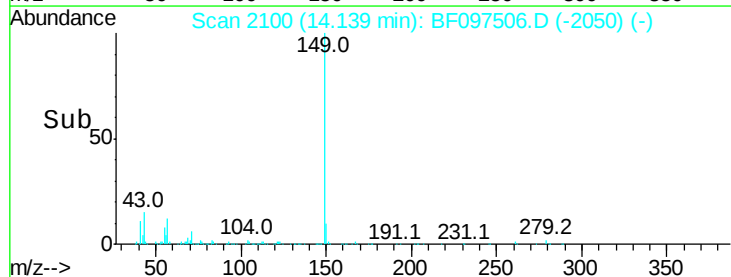
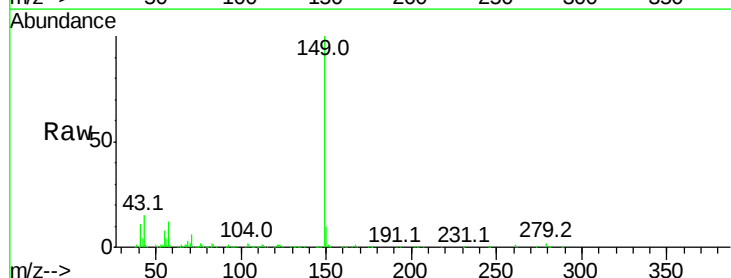
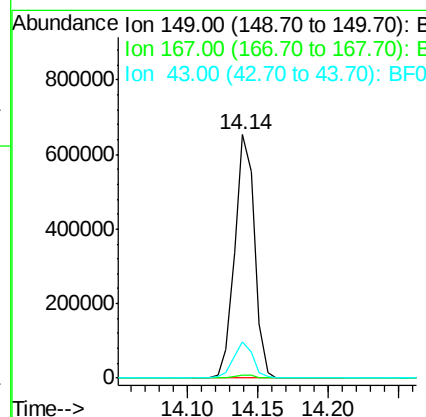
RT: 14.14 min Scan# 2100

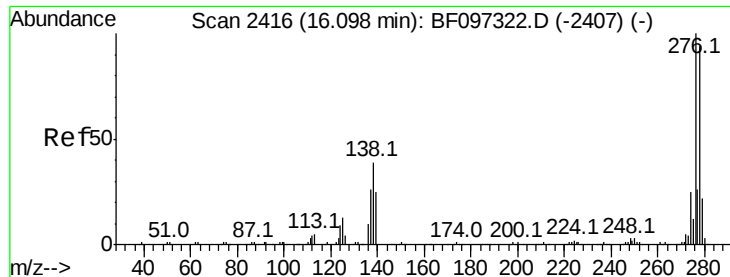
Delta R.T. -0.01 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	149	Resp:	635988
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.4	8.5	12.7#





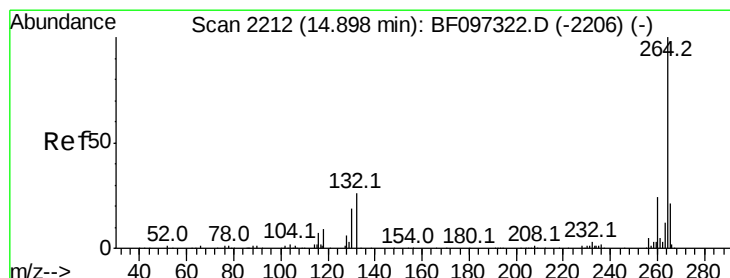
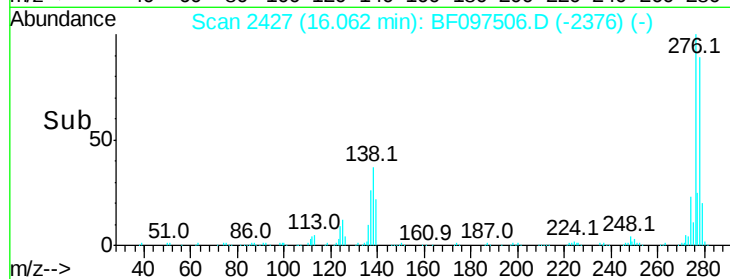
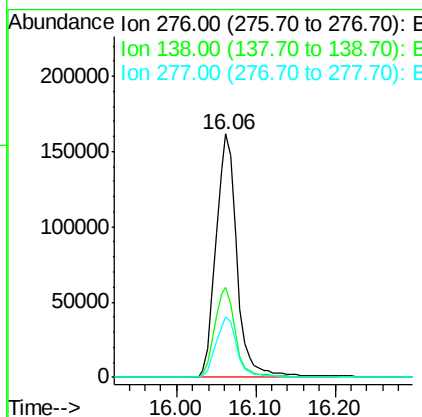
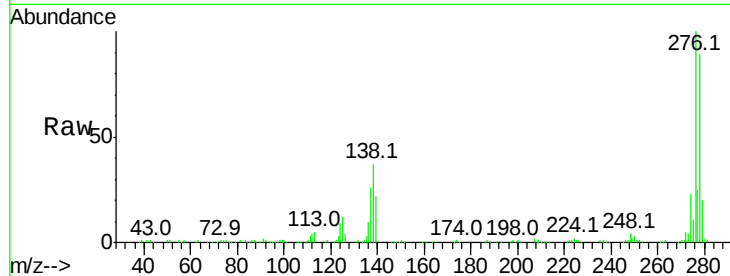
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.884 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	297128		
138	36.6		27.8	41.6
277	24.4		20.2	30.4

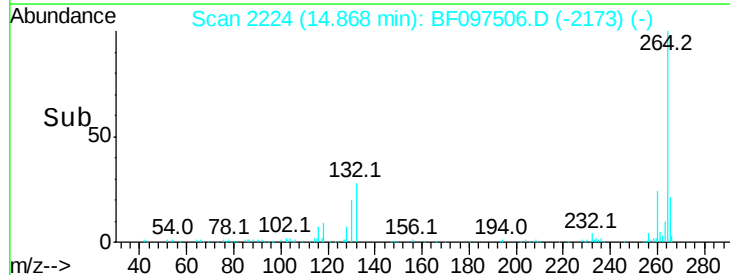
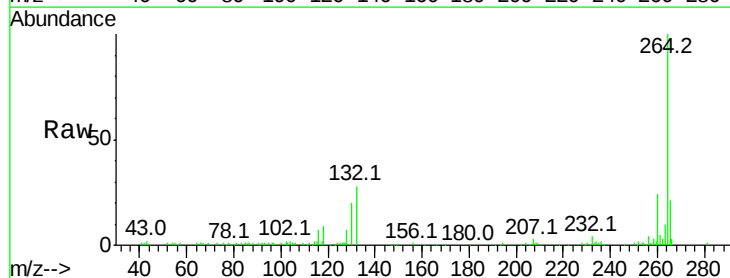
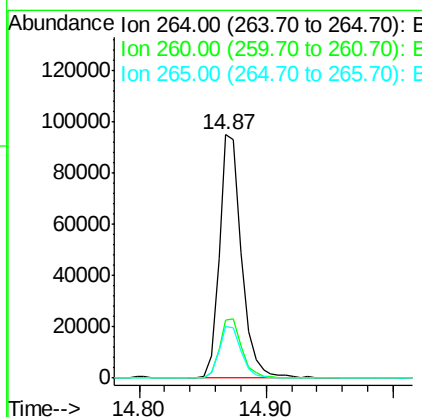
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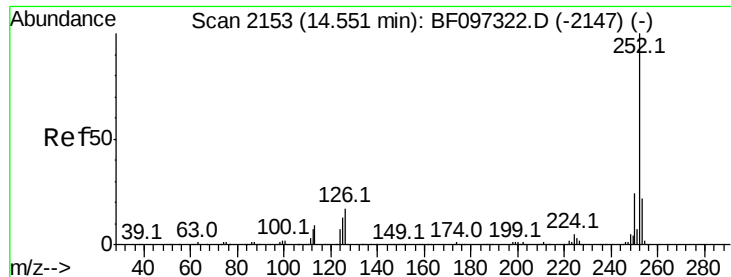
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	115510		
260	23.8		19.5	29.3
265	21.3		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.699 ng

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

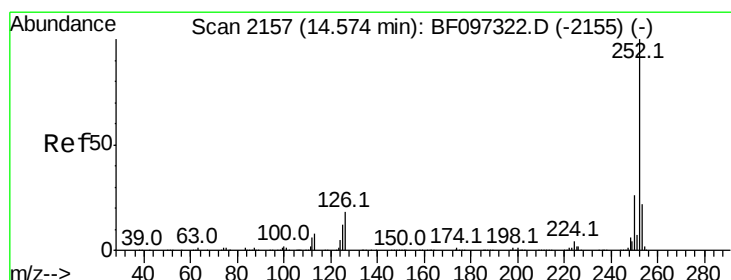
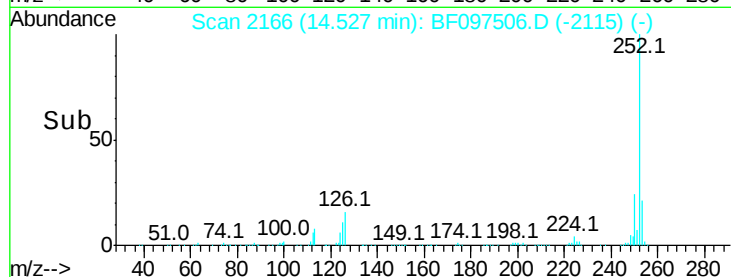
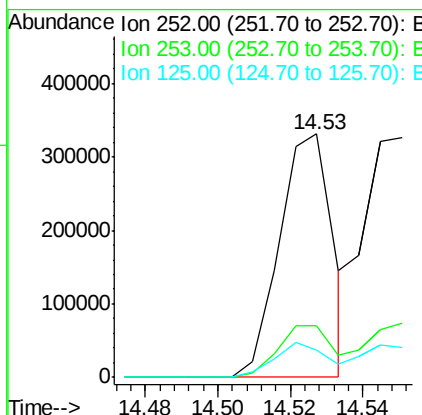
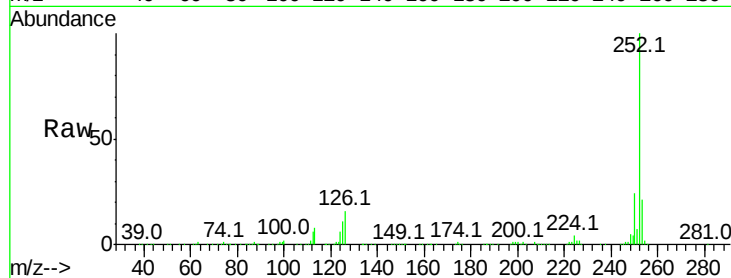
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	252	Resp:	338143
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.1	27.1
125	11.4	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 52.888 ng m

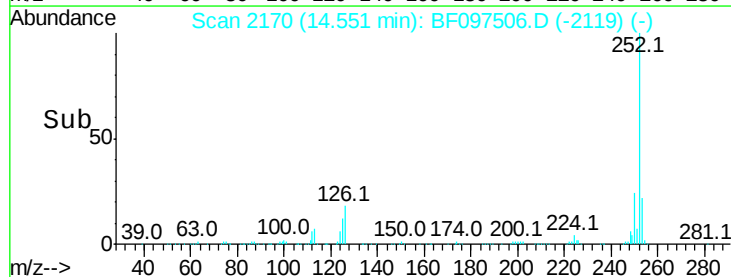
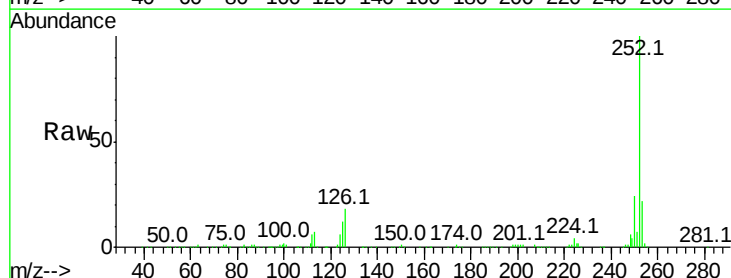
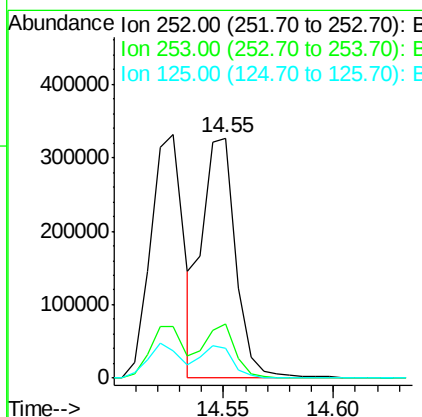
RT: 14.55 min Scan# 2170

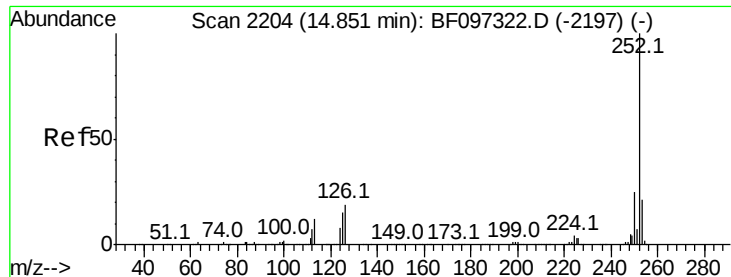
Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Tgt Ion:	252	Resp:	349941
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	12.2	13.1	19.7#





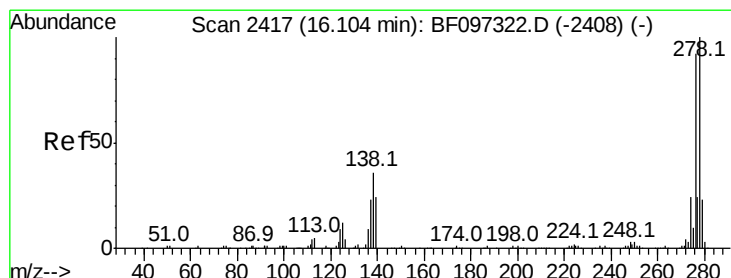
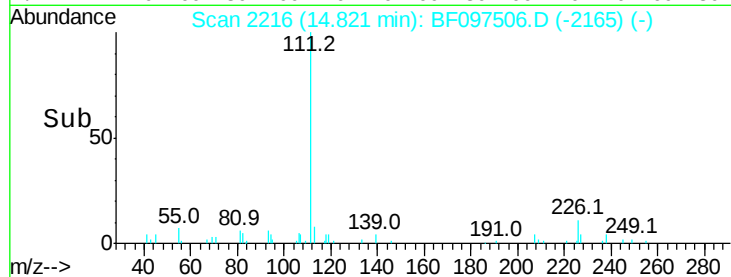
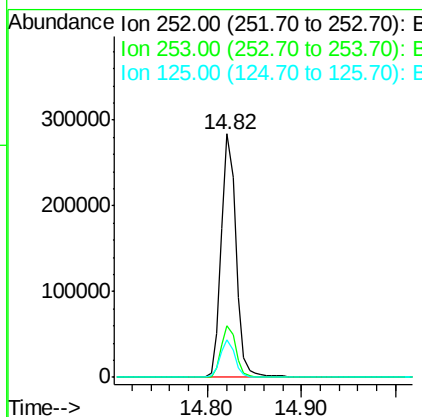
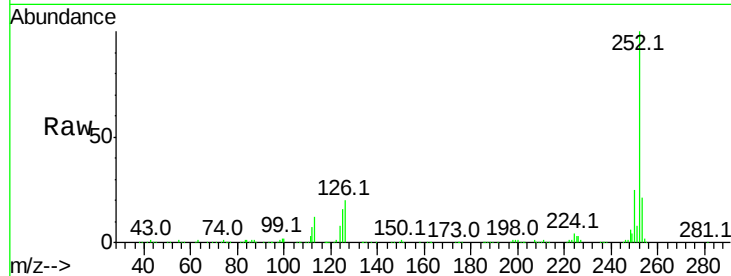
#89
Benzo(a)pyrene
Concen: 49.727 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	15.6	11.0	16.4

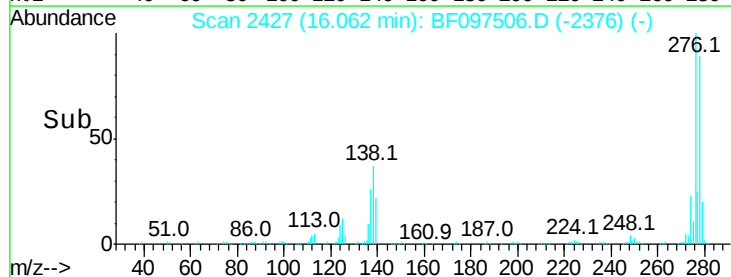
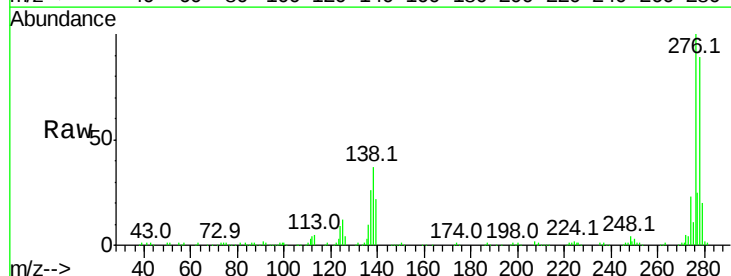
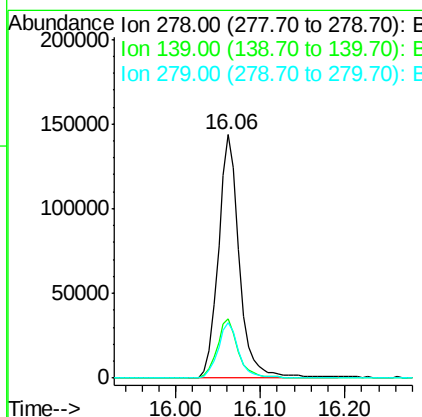
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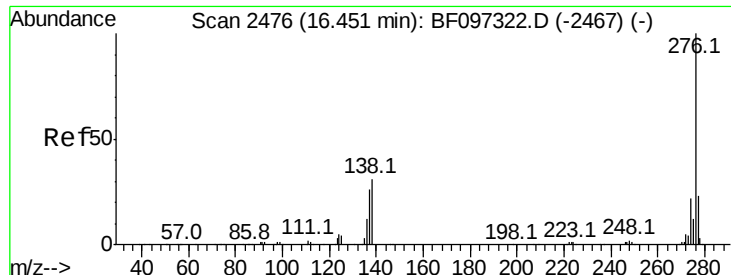
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.891 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097506.D
Acq: 9 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.2	16.6	24.8
279	22.8	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.823 ng

RT: 16.41 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BF097506.D

Acq: 9 Aug 2017 9:27

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	276	Resp:	244956
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.6	28.0
138	31.3	25.4	38.0

Manual Integrations
APPROVED

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