

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096587.D
 Acq On : 8 Jul 2017 4:19
 Operator : SJ/MA
 Sample : I4075-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Manual Integrations
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 7/10/2017 2:23:26 PM

Quant Time: Jul 10 03:47:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85705	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	373212	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	136430	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	211161	20.00	ng	0.00
75) Chrysene-d12	13.84	240	166330	20.00	ng	0.00
86) Perylene-d12	15.24	264	122408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	735517	126.67	ng	0.00
7) Phenol-d6	6.35	99	857084	120.06	ng	0.00
23) Nitrobenzene-d5	7.26	82	446373	71.87	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	127774	119.90	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	701272	87.89	ng	0.00
78) Terphenyl-d14	12.79	244	537642	69.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	93309	33.889	ng	# 76
3) Pyridine	3.08	79	272066	36.013	ng	# 63
4) n-Nitrosodimethylamine	3.02	42	152067	40.781	ng	# 85
6) Aniline	6.36	93	200164	21.695	ng	# 1
8) 2-Chlorophenol	6.49	128	255516	41.264	ng	# 96
9) Benzaldehyde	6.24	77	184521	41.302	ng	# 98
10) Phenol	6.36	94	326070	40.094	ng	# 89
11) bis(2-Chloroethyl)ether	6.44	93	255746	40.692	ng	# 93
12) 1,3-Dichlorobenzene	6.64	146	246904	38.028	ng	# 99
13) 1,4-Dichlorobenzene	6.72	146	249092	38.384	ng	# 95
14) 1,2-Dichlorobenzene	6.87	146	230755	38.727	ng	# 99
15) Benzyl Alcohol	6.85	79	180457	37.817	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	470426	36.819	ng	# 92
17) 2-Methylphenol	6.96	107	180862	36.650	ng	# 96
18) Hexachloroethane	7.21	117	61527	26.152	ng	# 80
19) n-Nitroso-di-n-propylamine	7.12	70	150641	35.422	ng	# 86
20) 3+4-Methylphenols	7.12	107	223814	40.662	ng	# 81
22) Acetophenone	7.11	105	298135	36.560	ng	# 94
24) Nitrobenzene	7.28	77	222889	34.209	ng	# 91
25) Isophorone	7.52	82	432406	35.908	ng	# 95
26) 2-Nitrophenol	7.60	139	115714	33.554	ng	# 87
27) 2,4-Dimethylphenol	7.65	122	212153	36.129	ng	# 94
28) bis(2-Chloroethoxy)methane	7.73	93	286258	36.011	ng	# 98
29) 2,4-Dichlorophenol	7.85	162	192146	37.926	ng	# 98
30) 1,2,4-Trichlorobenzene	7.93	180	187879	39.313	ng	# 98
31) Naphthalene	8.00	128	671866	38.133	ng	# 99
32) Benzoic acid	7.72	122	23055m	4.675	ng	# 94
33) 4-Chloroaniline	8.05	127	106248	14.518	ng	# 98
34) Hexachlorobutadiene	8.13	225	97249	39.674	ng	# 94
35) Caprolactam	8.40	113	60948m	34.886	ng	# 88
36) 4-Chloro-3-methylphenol	8.54	107	197481	35.227	ng	# 97
37) 2-Methylnaphthalene	8.70	142	414368	36.946	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	153655	43.376	ng	# 99
40) Hexachlorocyclopentadiene	8.85	237	16304	9.466	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	114275	40.778	ng	100
43) 2,4,5-Trichlorophenol	9.02	196	116733	42.130	ng	95
45) 1,1'-Biphenyl	9.16	154	471174	40.307	ng	96
46) 2-Chloronaphthalene	9.18	162	360536	41.386	ng	94
47) 2-Nitroaniline	9.27	65	144290	45.520	ng	95
48) Acenaphthylene	9.59	152	559967	40.566	ng	99
49) Dimethylphthalate	9.46	163	565502	55.525	ng	99
50) 2,6-Dinitrotoluene	9.52	165	82919	36.817	ng #	80
51) Acenaphthene	9.77	154	294283	34.586	ng	97
52) 3-Nitroaniline	9.68	138	103030	36.678	ng	97
53) 2,4-Dinitrophenol	9.79	184	3676	3.073	ng #	79
54) Dibenzofuran	9.94	168	479663	42.698	ng	99
55) 4-Nitrophenol	9.85	139	154178	66.219	ng #	66
56) 2,4-Dinitrotoluene	9.92	165	98251	34.449	ng #	88
57) Fluorene	10.28	166	346970	43.732	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	81400	42.462	ng	96
59) Diethylphthalate	10.16	149	397473	41.289	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	147035	42.594	ng	94
61) 4-Nitroaniline	10.29	138	107502	42.088	ng	91
62) Azobenzene	10.43	77	332706	35.743	ng	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	6935	4.762	ng	87
65) n-Nitrosodiphenylamine	10.39	169	323063	43.605	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	83160	40.456	ng	94
67) Hexachlorobenzene	10.83	284	88726	39.430	ng	95
68) Atrazine	10.92	200	80876	38.209	ng	94
69) Pentachlorophenol	11.02	266	87505	65.614	ng	97
70) Phenanthrene	11.24	178	460525	40.344	ng	98
71) Anthracene	11.29	178	470702	40.466	ng	98
72) Carbazole	11.44	167	464421	39.700	ng	99
73) Di-n-butylphthalate	11.78	149	560904	39.586	ng	98
74) Fluoranthene	12.42	202	479867	42.877	ng	99
76) Benzidine	12.54	184	396658	49.700	ng #	93
77) Pyrene	12.64	202	501896	37.593	ng	99
79) Butylbenzylphthalate	13.27	149	262593	38.854	ng	87
80) Benzo(a)anthracene	13.83	228	381775	39.636	ng	98
81) 3,3'-Dichlorobenzidine	13.80	252	155848	39.395	ng #	95
82) Chrysene	13.87	228	385132	38.183	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	344014	45.601	ng #	100
84) Di-n-octyl phthalate	14.44	149	595471	40.083	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.59	276	270607	33.988	ng	97
87) Benzo(b)fluoranthene	14.85	252	305496	39.830	ng	98
88) Benzo(k)fluoranthene	14.87	252	266046	38.777	ng	96
89) Benzo(a)pyrene	15.19	252	278604	40.685	ng	98
90) Dibenzo(a,h)anthracene	16.61	278	225031	41.772	ng	96
91) Benzo(g,h,i)perylene	17.00	276	215500	38.604	ng	98

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

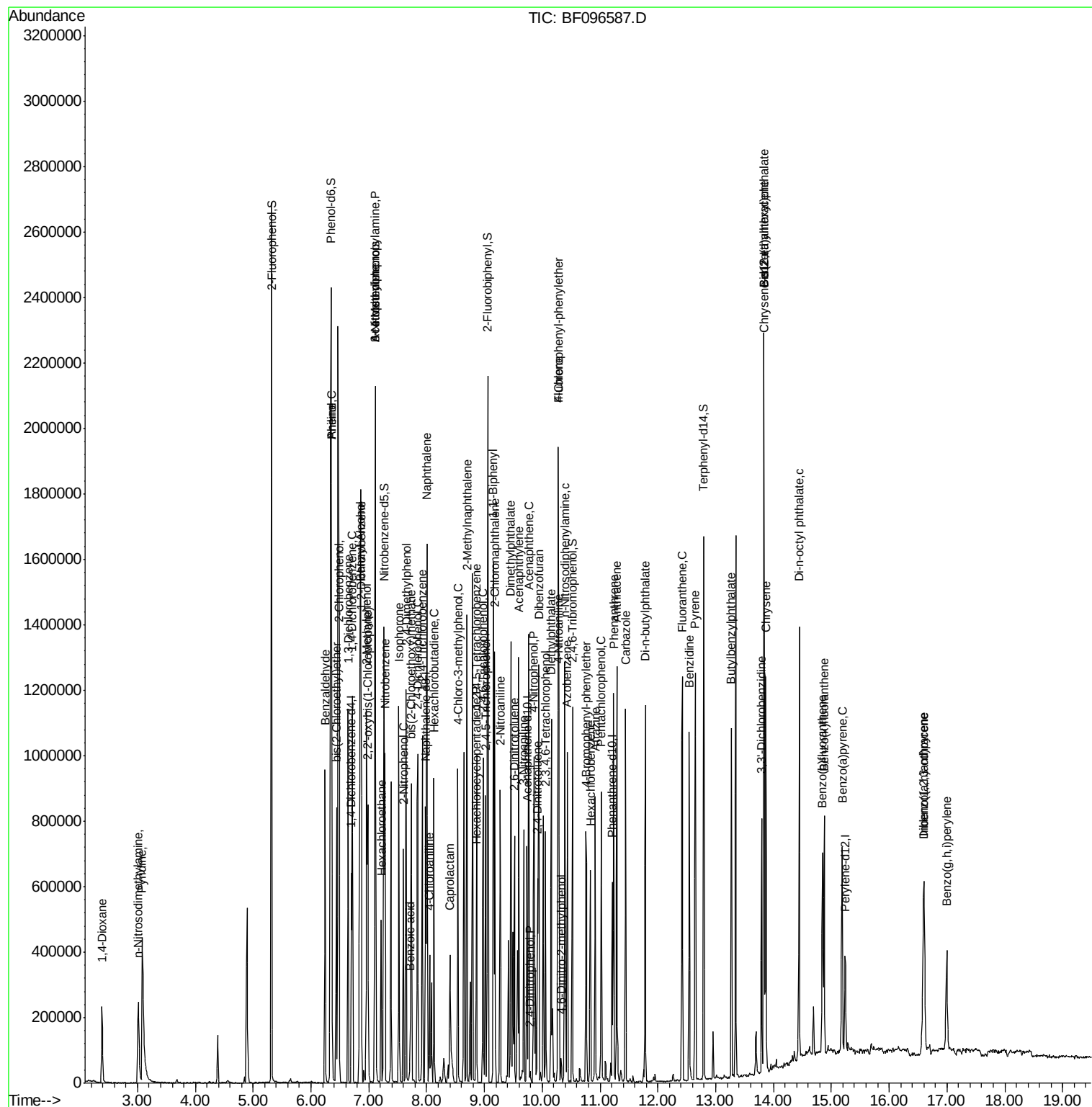
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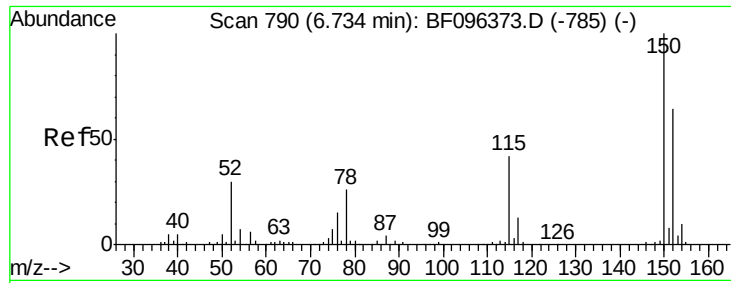
Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

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#1

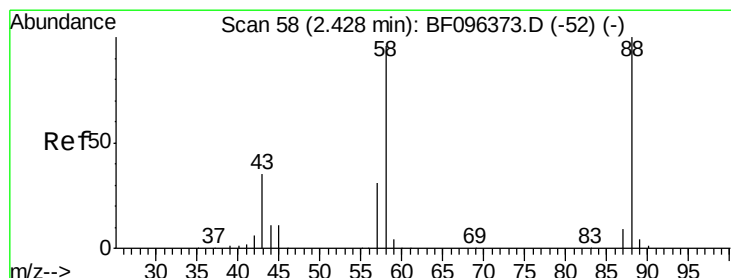
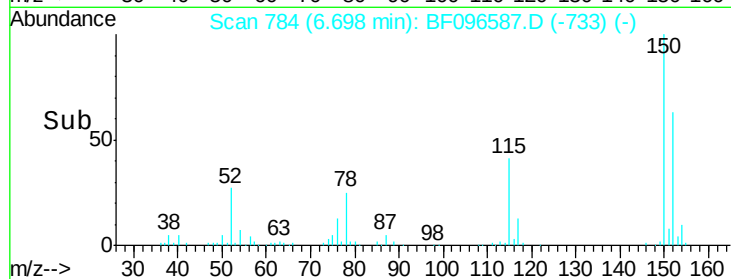
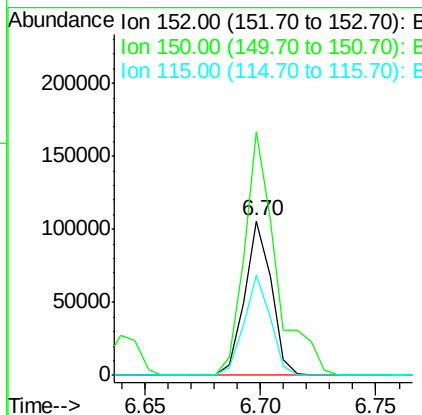
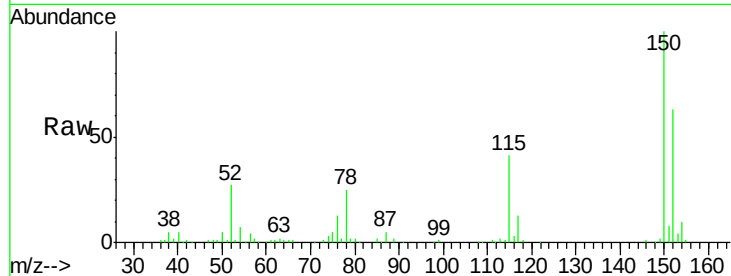
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	64.9	52.2	78.2

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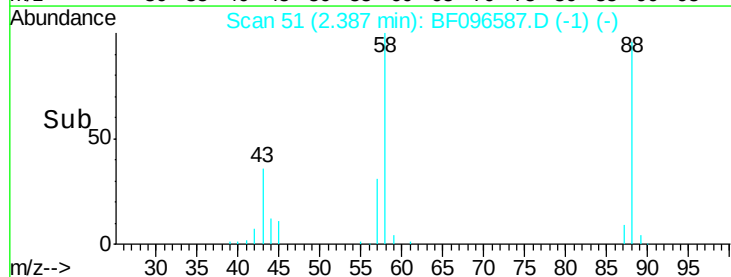
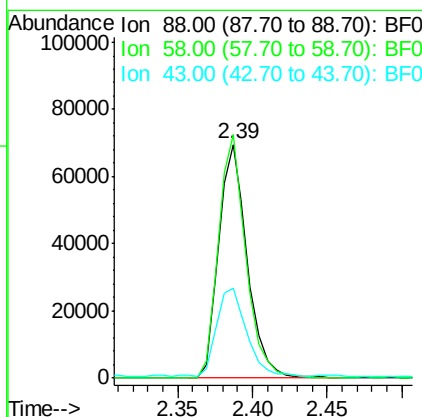
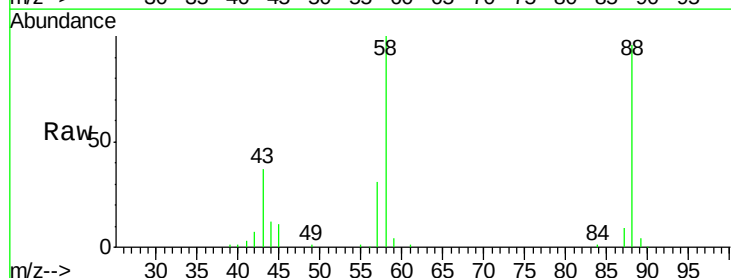
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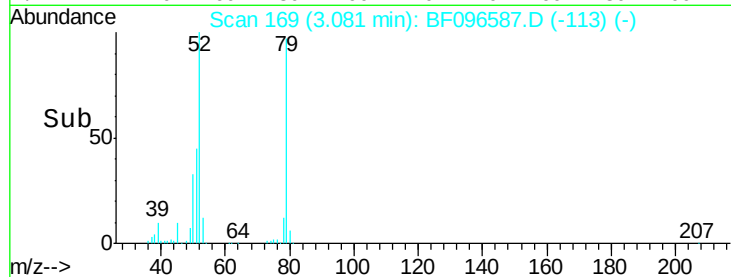
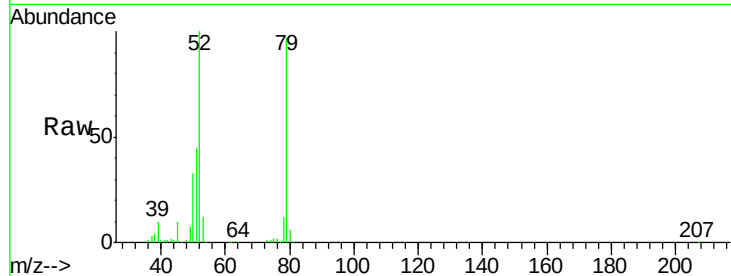
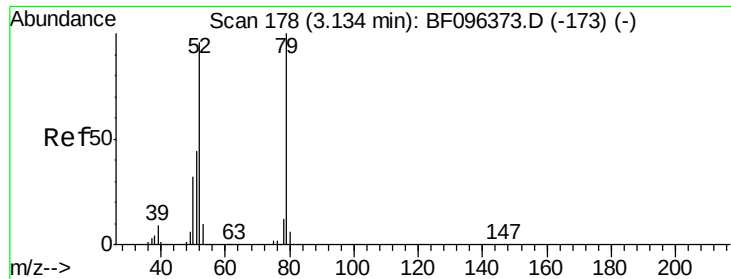


#2

1,4-Dioxane
Concen: 33.889 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	61.4	92.0#
43	38.9	23.4	35.0#





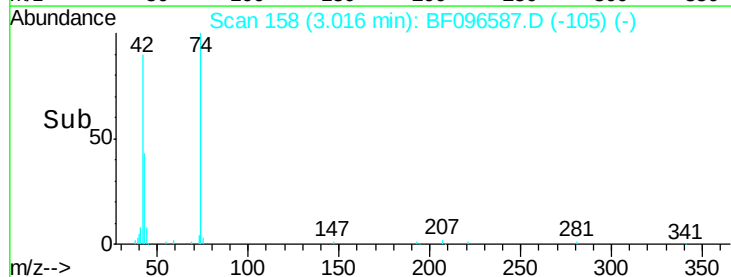
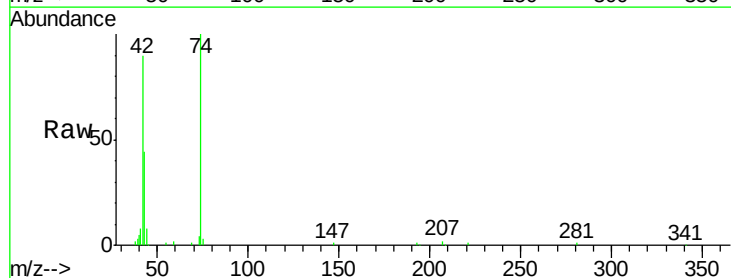
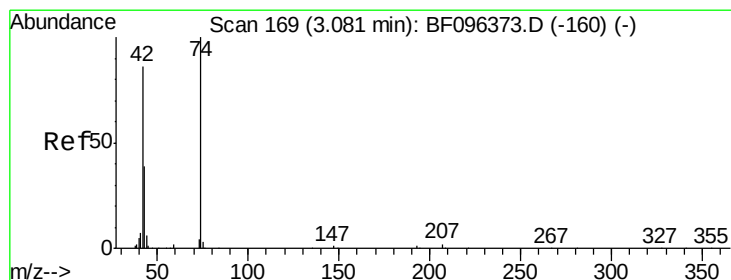
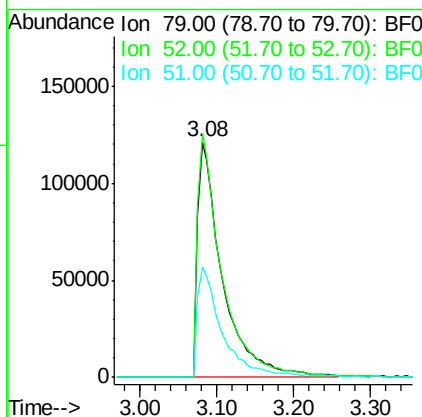
#3
 Pyridine
 Concen: 36.013 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.03 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
79	100		
52	103.5	54.8	82.2#
51	47.0	27.0	40.4#

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

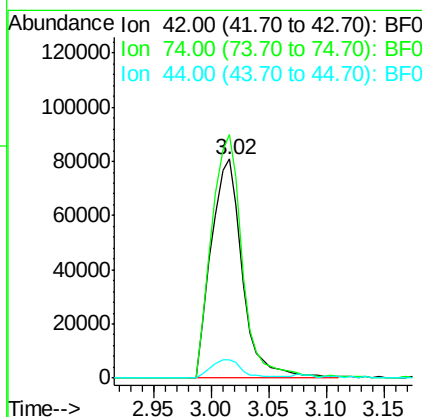
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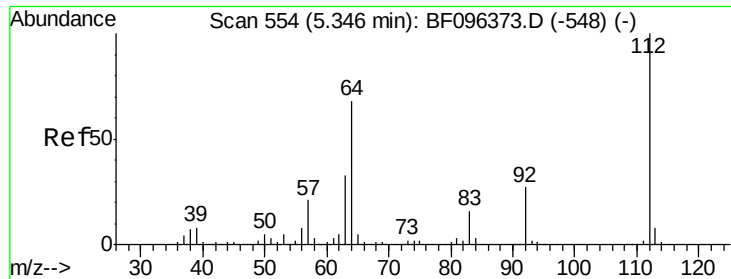
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#4
 n-Nitrosodimethylamine
 Concen: 40.781 ng
 RT: 3.02 min Scan# 158
 Delta R.T. 0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.2	103.9	155.9
44	8.5	5.7	8.5





#5

2-Fluorophenol

Concen: 126.667 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF096587.D

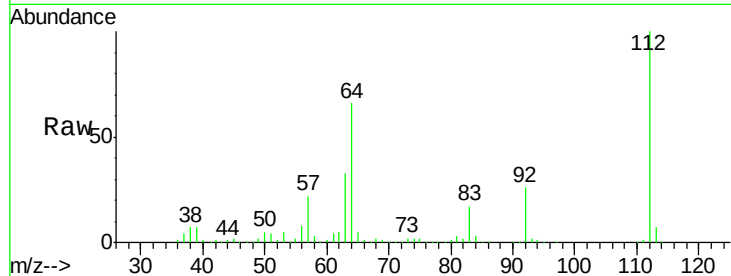
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Instrument :

BNA_F

ClientSampleId :

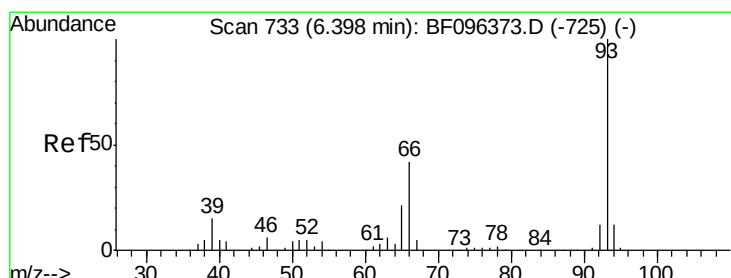
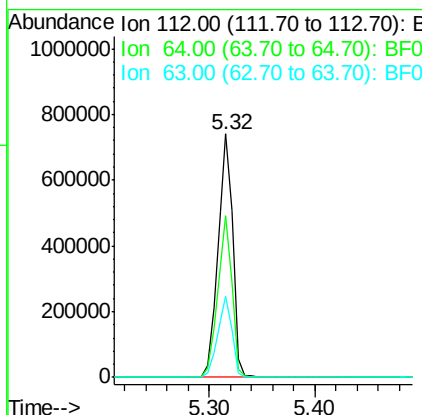
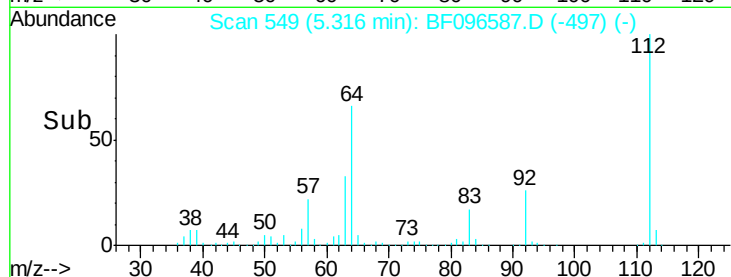
TP8-MH2104-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	735517		
64	66.2	46.0	69.0	
63	33.1	23.4	35.0	

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#6

Aniline

Concen: 21.695 ng

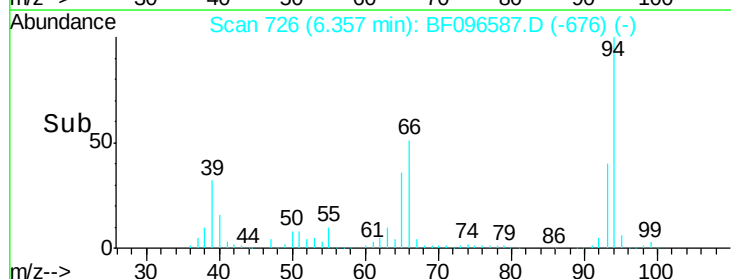
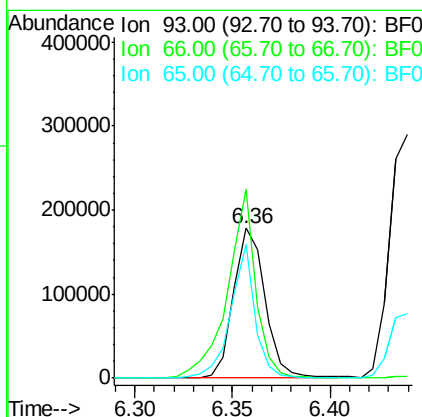
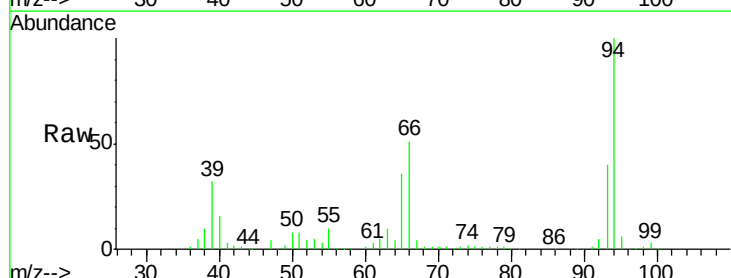
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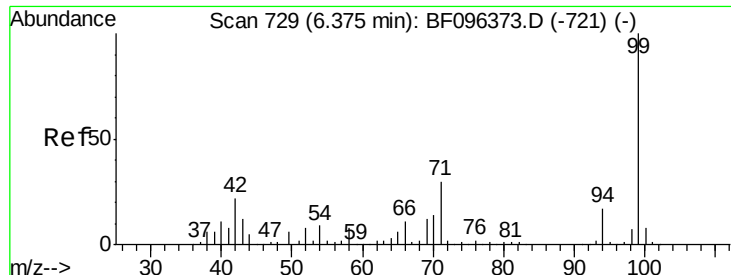
Delta R.T. -0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200164		
66	126.0	32.9	49.3#	
65	88.9	16.0	24.0#	





#7

Phenol-d6

Concen: 120.064 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

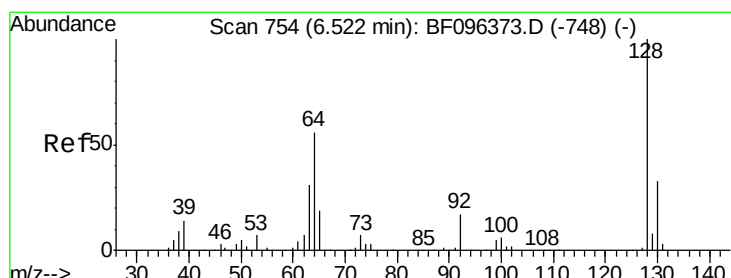
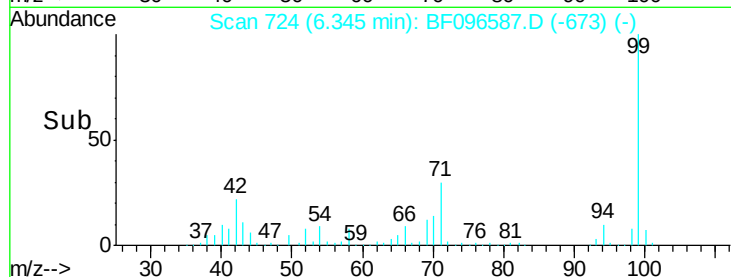
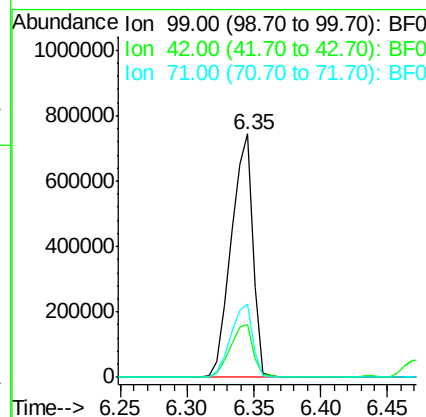
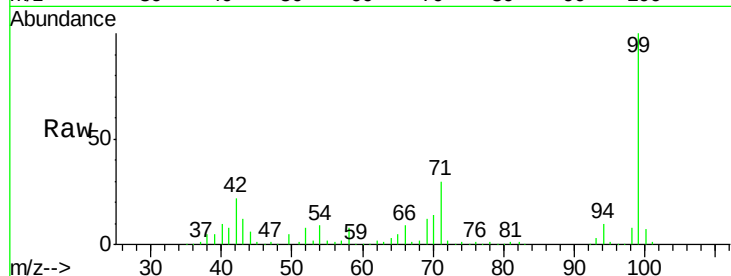
ClientSampleId :

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Tgt Ion:	99	Resp:	857084
Ion Ratio	Lower	Upper	
99	100		
42	22.0	13.5	20.3#
71	30.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.264 ng

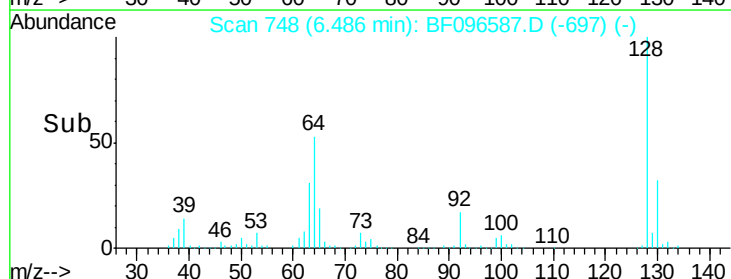
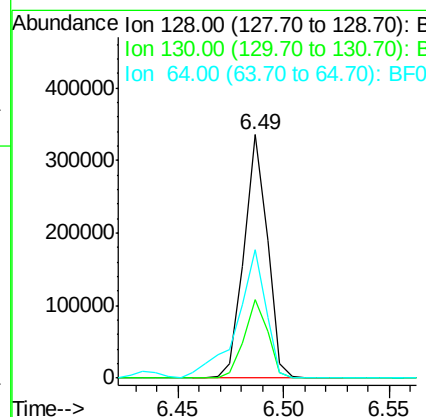
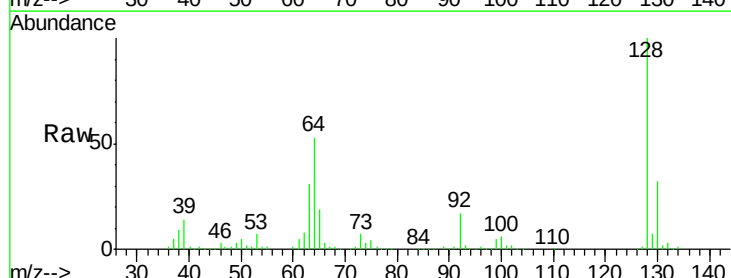
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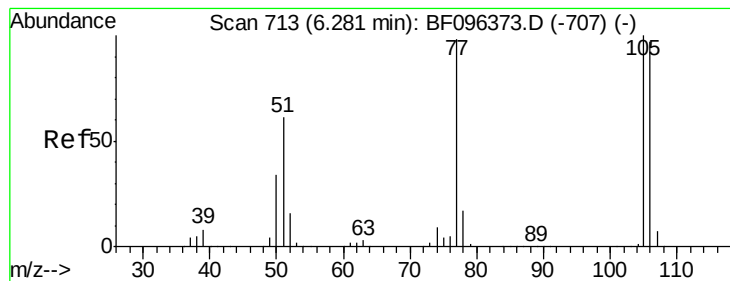
Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion:	128	Resp:	255516
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	52.8	28.4	68.4





#9

Benzaldehyde

Concen: 41.302 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

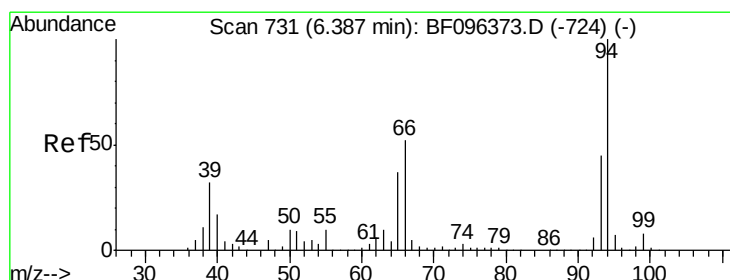
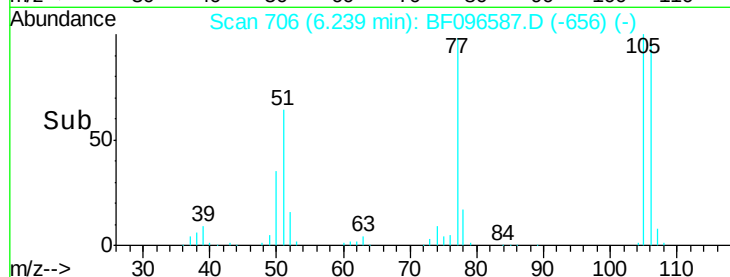
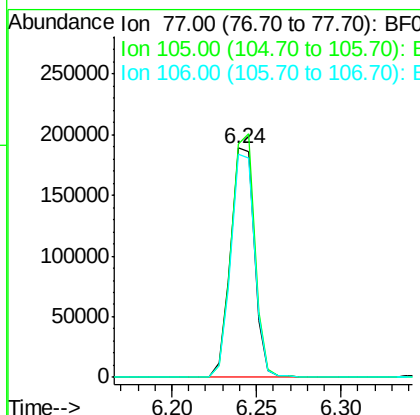
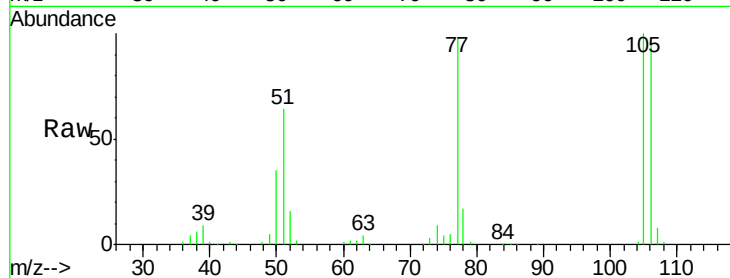
ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion:	77	Resp:	184521
Ion	Ratio	Lower	Upper
77	100		
105	101.8	83.8	123.8
106	97.7	79.1	119.1

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#10

Phenol

Concen: 40.094 ng

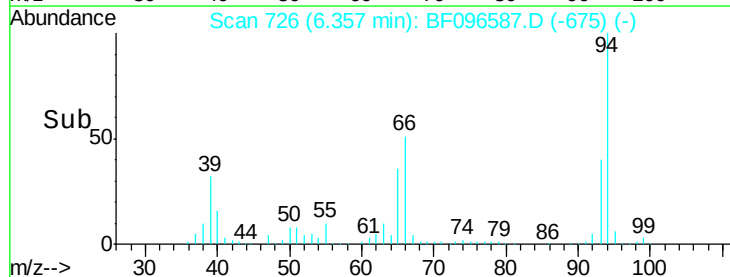
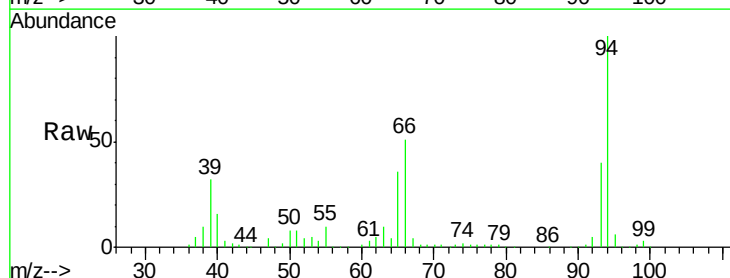
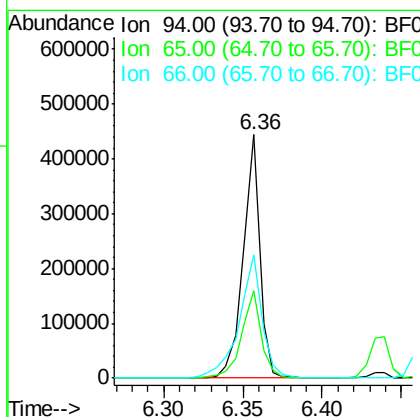
RT: 6.36 min Scan# 726

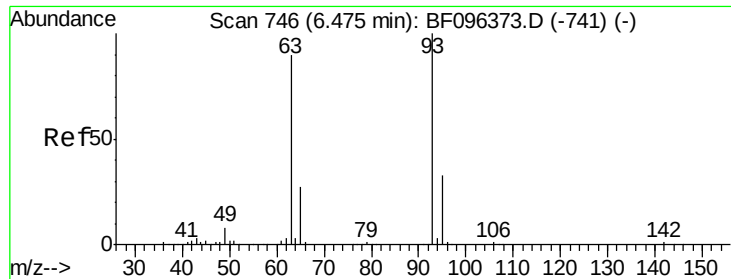
Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion:	94	Resp:	326070
Ion	Ratio	Lower	Upper
94	100		
65	35.7	9.9	49.9
66	50.6	23.1	63.1





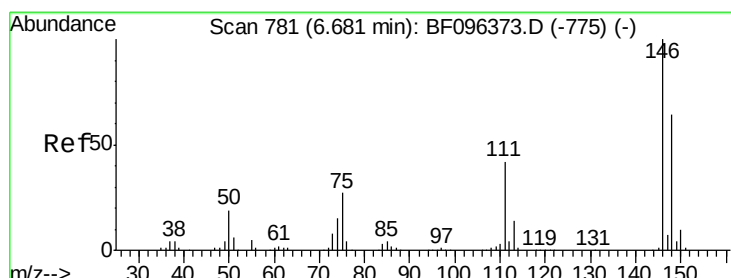
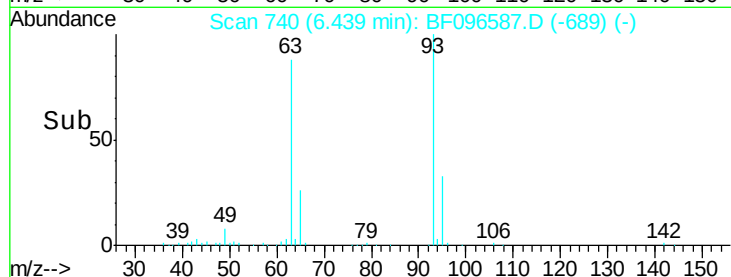
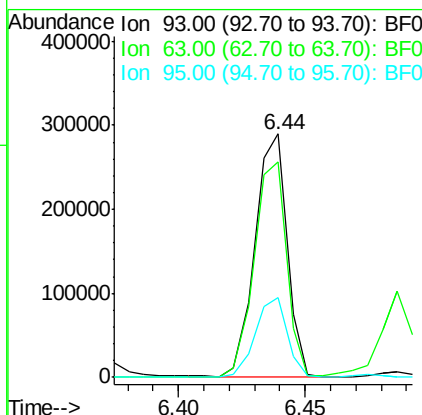
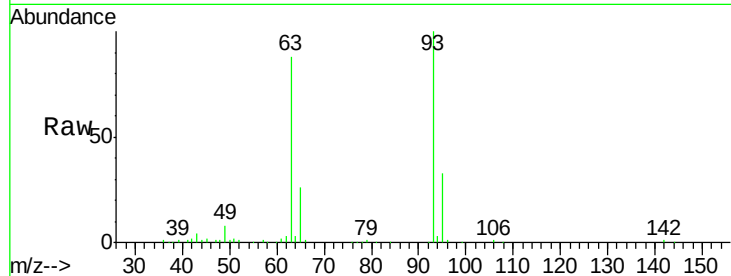
#11
bis(2-Chloroethyl)ether
Concen: 40.692 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.3	59.2	99.2
95	32.7	12.8	52.8

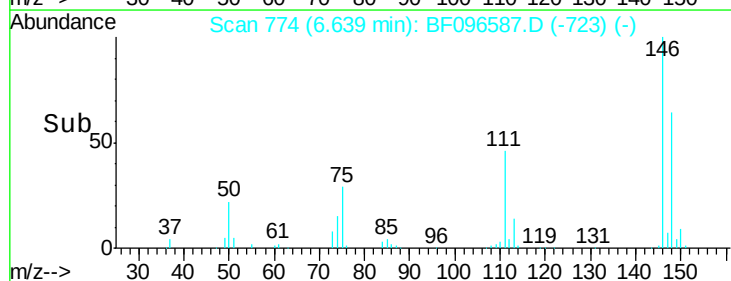
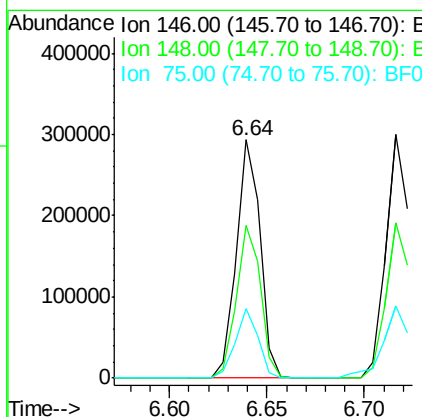
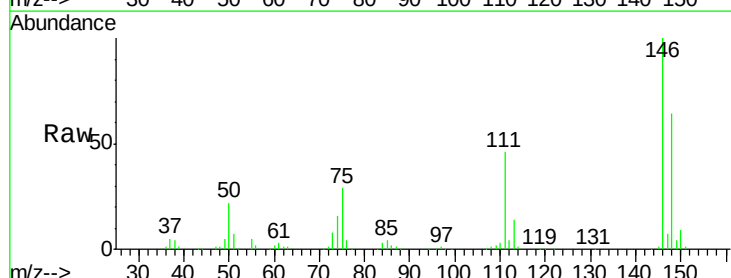
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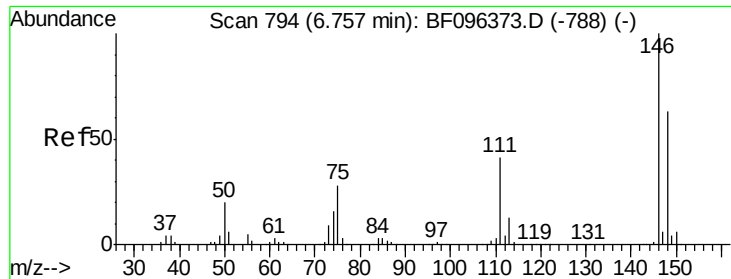
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.028 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
75	29.4	23.1	34.7





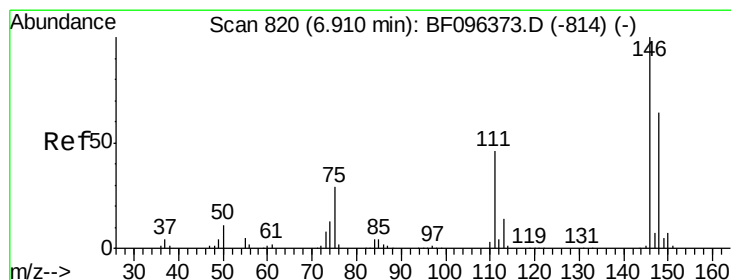
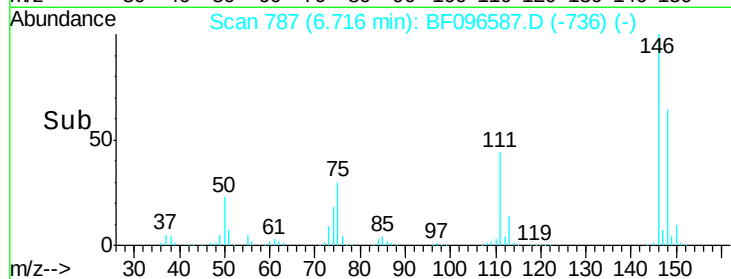
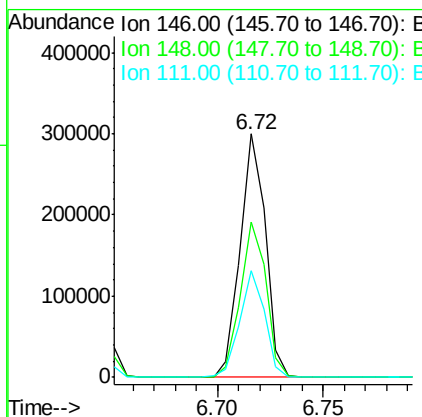
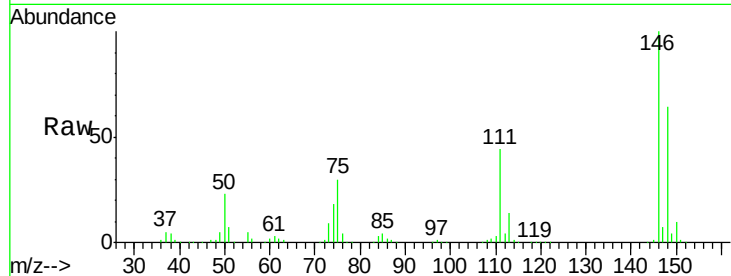
#13
 1,4-Dichlorobenzene
 Concen: 38.384 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	43.9	30.3	45.5

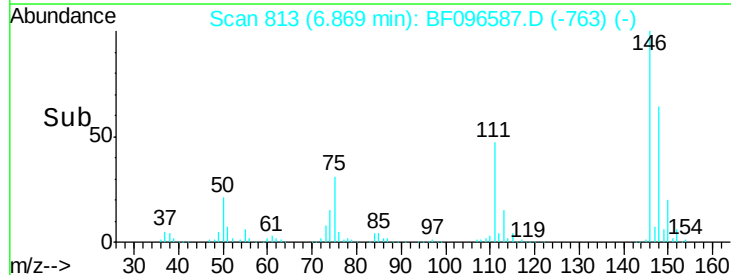
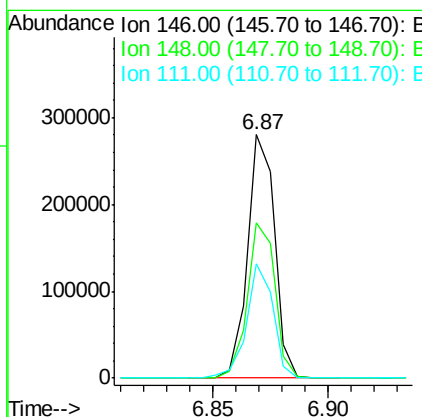
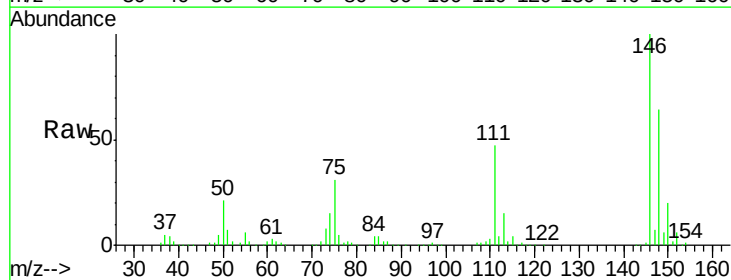
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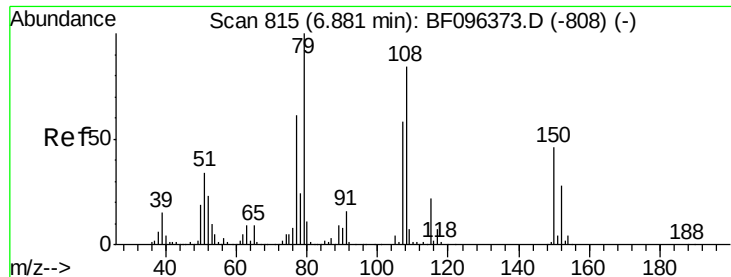
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#14
 1,2-Dichlorobenzene
 Concen: 38.727 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	47.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.817 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion: 79 Resp: 180457
Ion Ratio Lower Upper

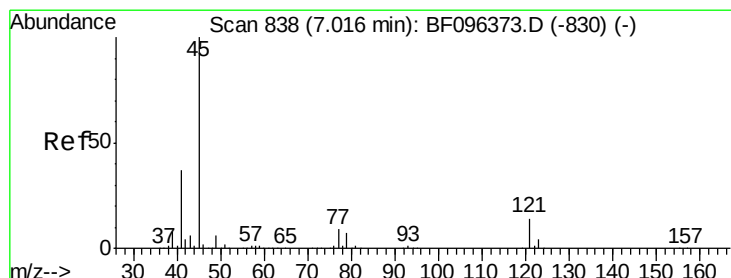
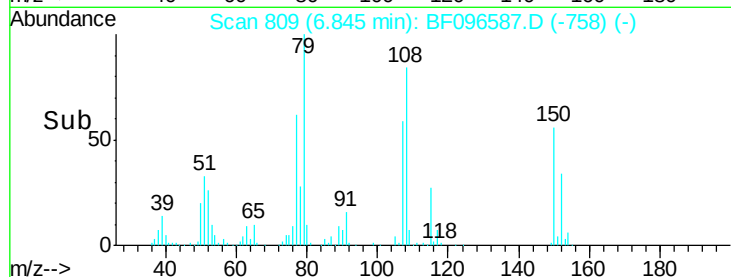
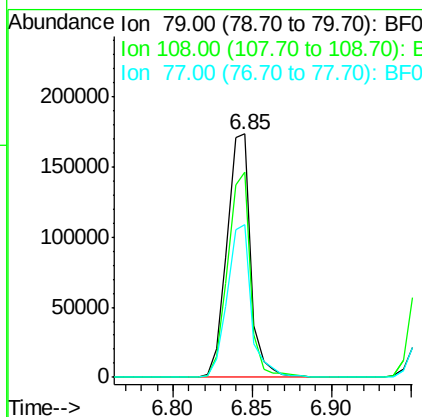
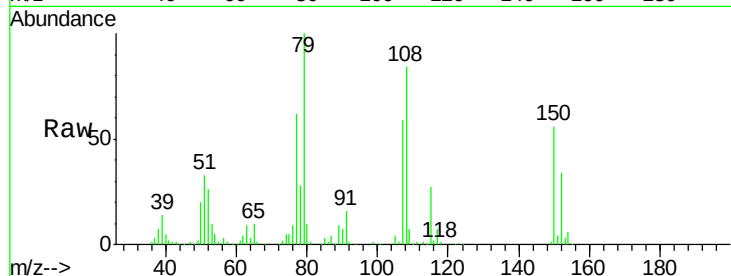
79 100

108 84.2 63.4 95.0

77 62.5 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.819 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF096587.D

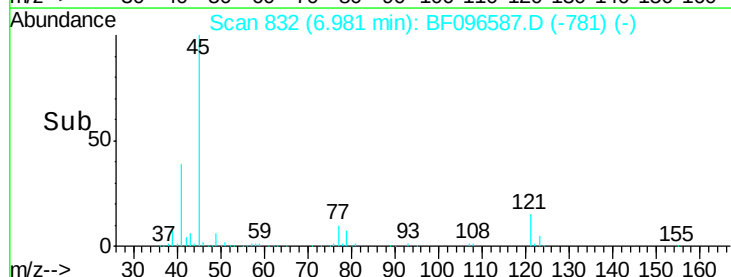
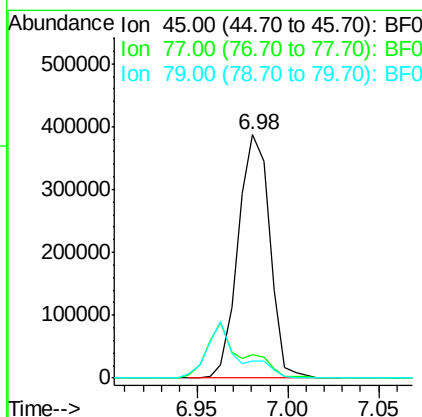
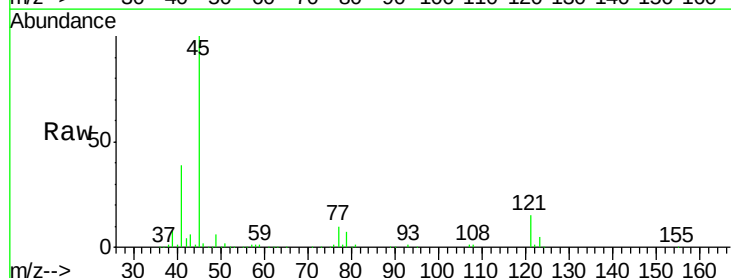
Acq: 8 Jul 2017 4:19

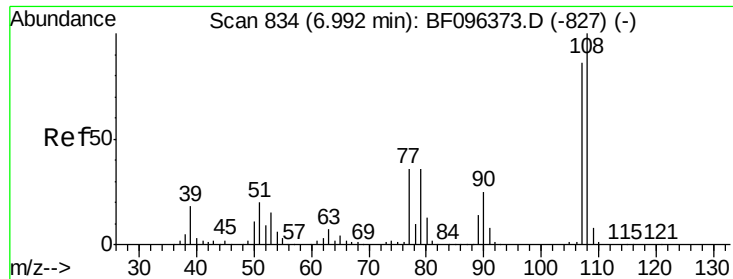
Tgt Ion: 45 Resp: 470426
Ion Ratio Lower Upper

45 100

77 9.6 0.0 33.2

79 7.2 0.0 30.0





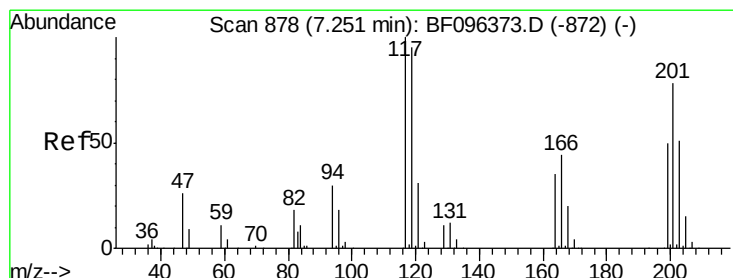
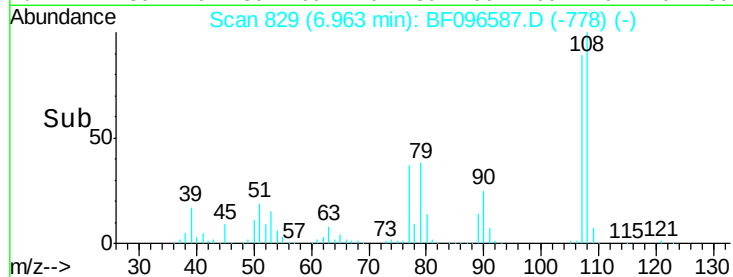
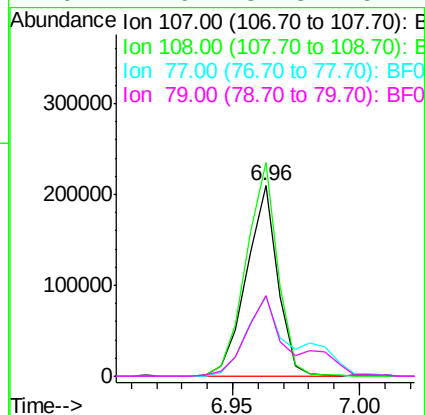
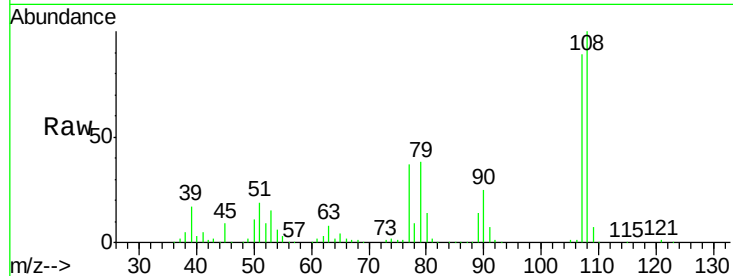
#17
2-Methylphenol
Concen: 36.650 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	180862		
108	112.1	93.4	140.0	
77	41.6	35.8	53.6	
79	42.6	34.8	52.2	

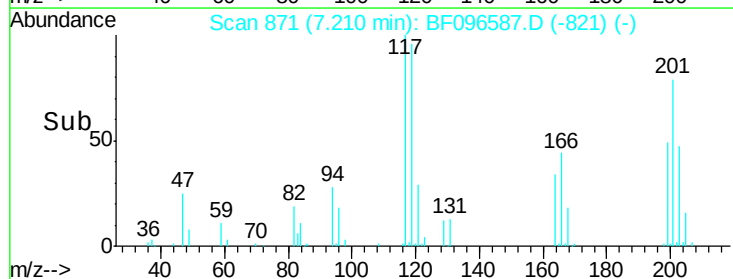
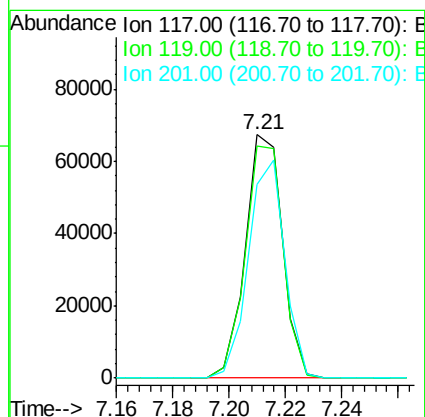
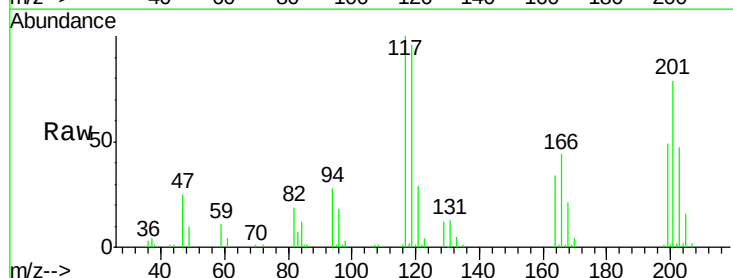
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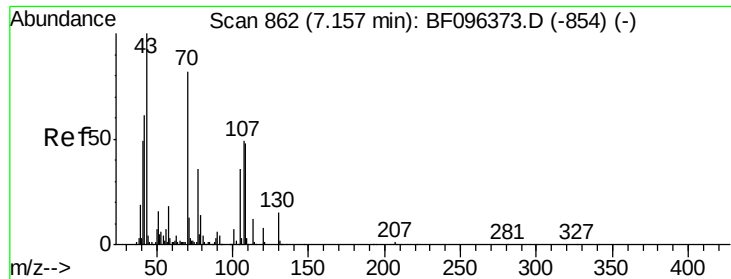
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#18
Hexachloroethane
Concen: 26.152 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61527		
119	95.5	77.4	116.0	
201	79.4	94.6	141.8#	





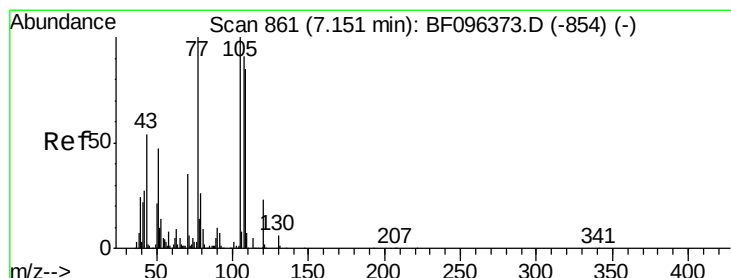
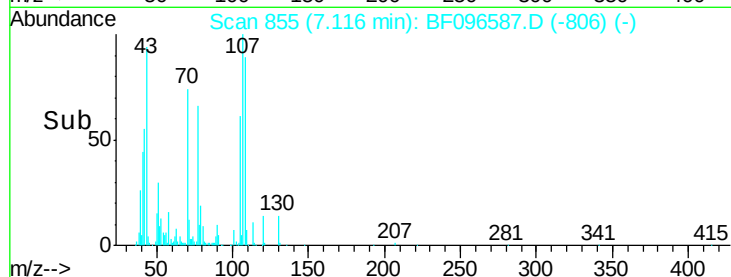
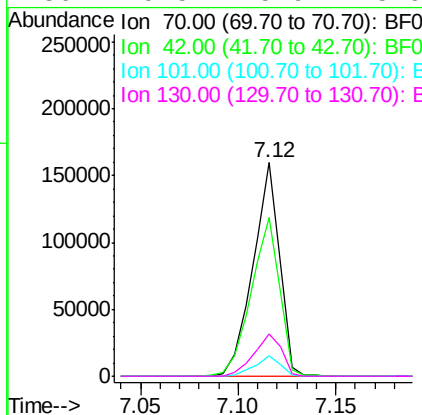
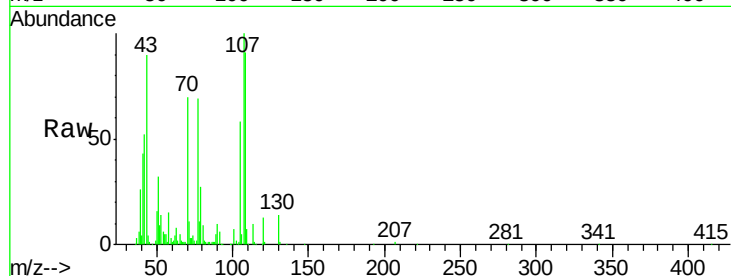
#19
n-Nitroso-di-n-propylamine
Concen: 35.422 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.6	47.2	70.8#
101	9.5	7.2	10.8
130	19.5	15.9	23.9

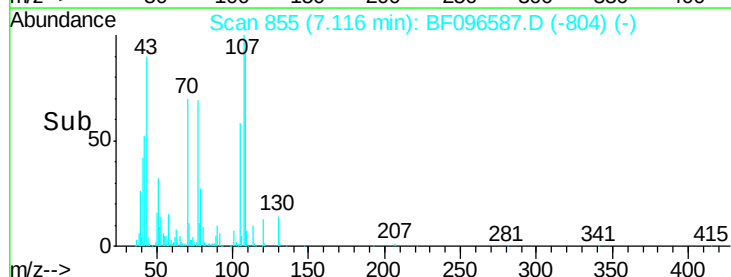
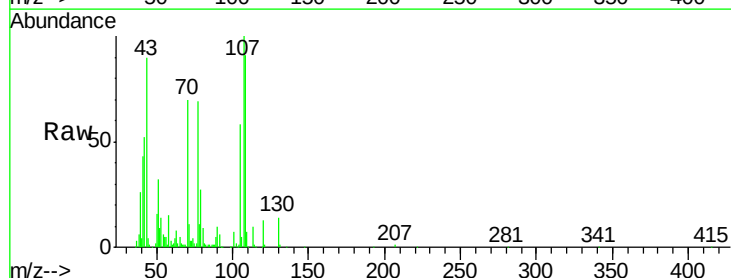
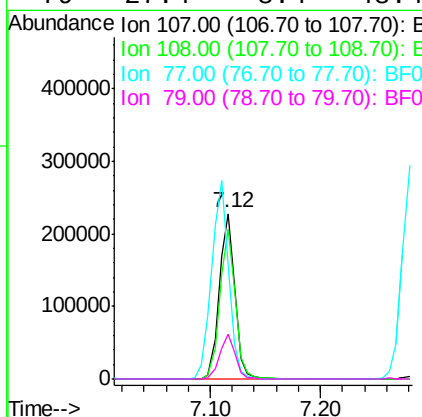
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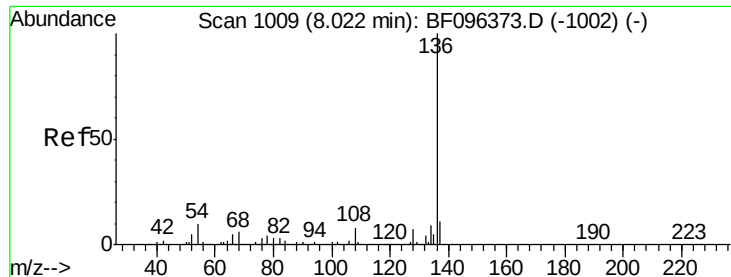
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#20
3+4-Methylphenols
Concen: 40.662 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.0	111.0
77	68.8	90.5	130.5#
79	27.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

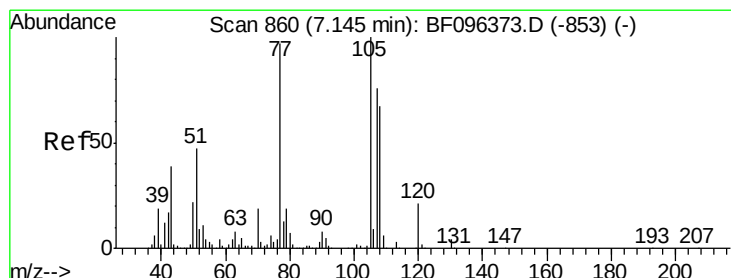
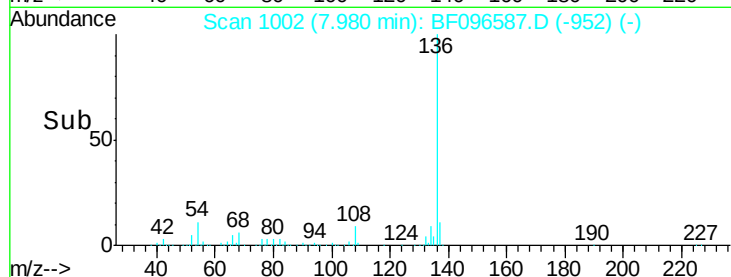
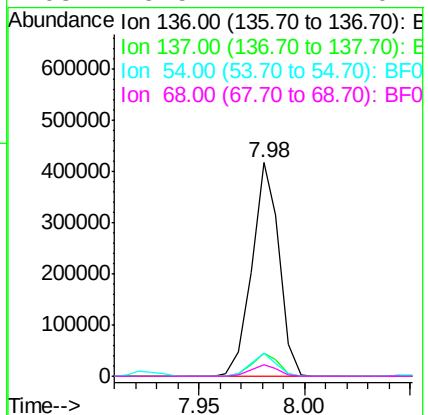
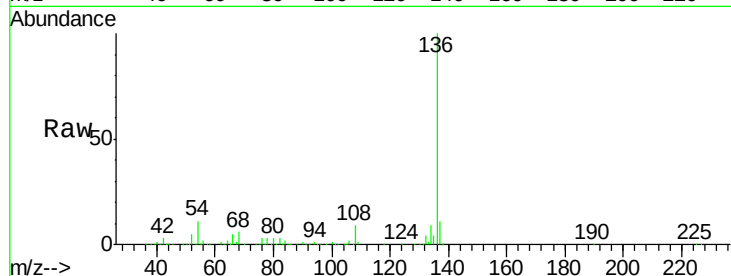
ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	373212		
137	10.9	8.5	12.7	
54	10.9	4.9	7.3#	
68	5.5	4.1	6.1	

Manual Integrations
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#22

Acetophenone

Concen: 36.560 ng

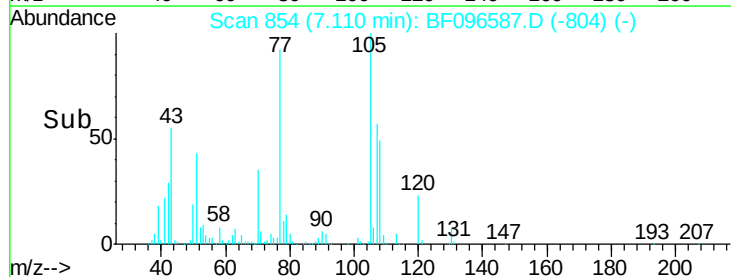
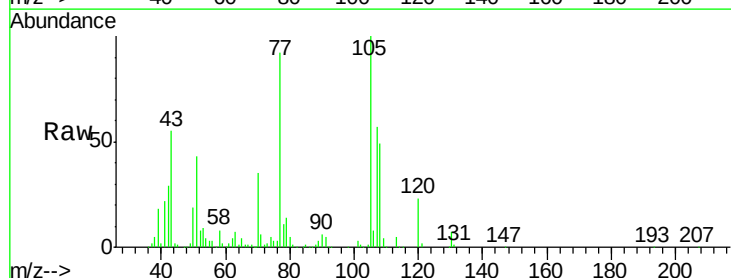
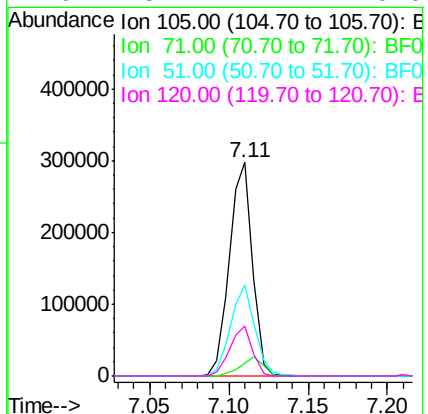
RT: 7.11 min Scan# 854

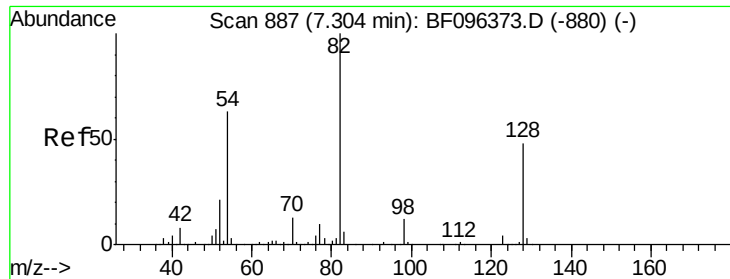
Delta R.T. -0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	298135		
71	5.9	2.8	4.2#	
51	42.6	30.7	46.1	
120	23.2	17.4	26.0	





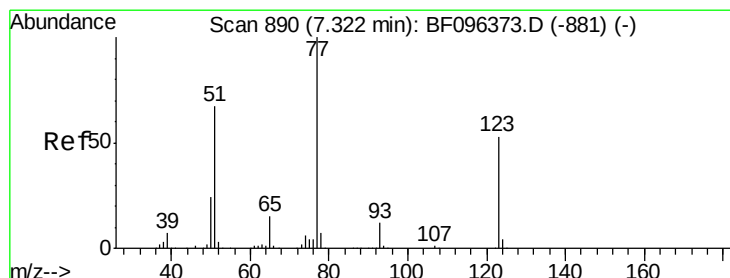
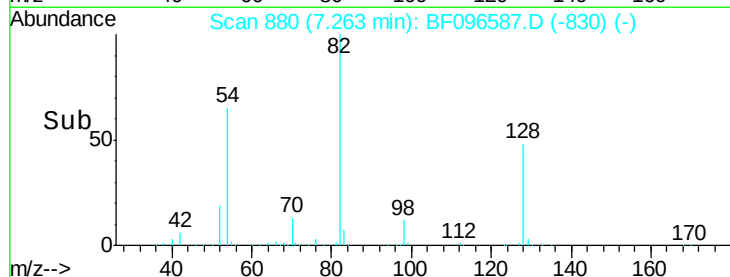
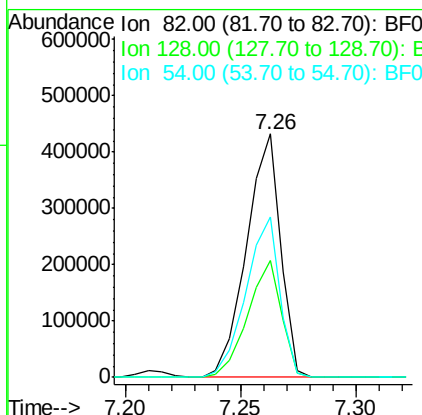
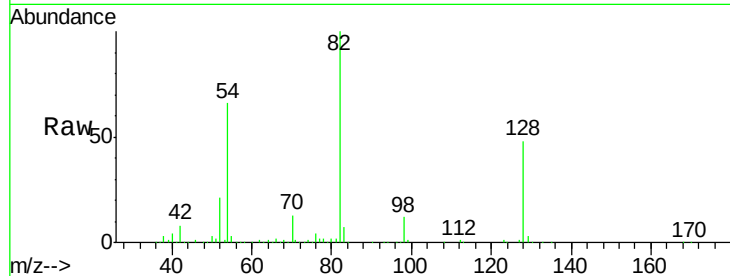
#23
 Nitrobenzene-d5
 Concen: 71.870 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion: 82 Resp: 446373
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 65.7 42.2 63.2#

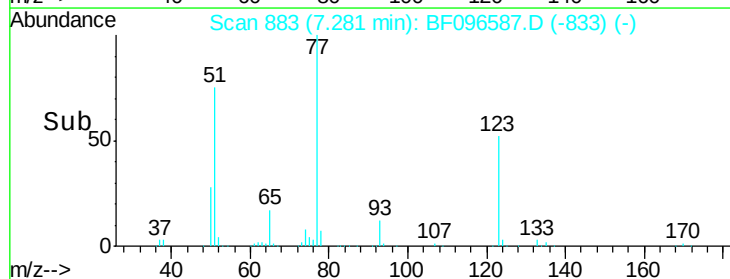
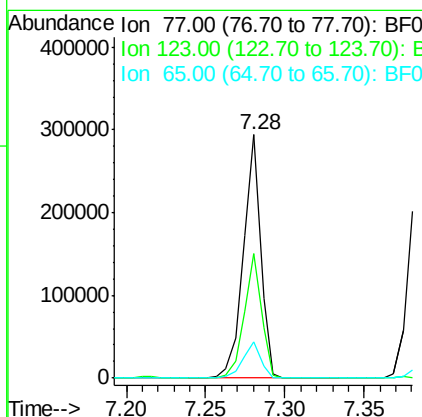
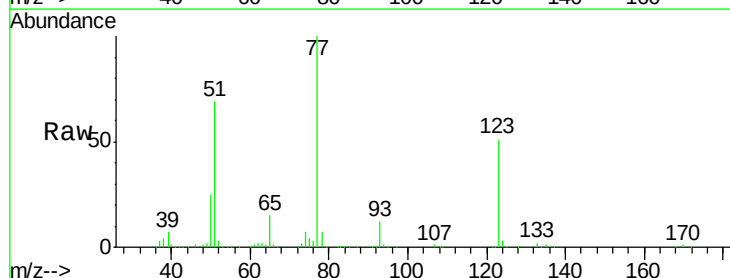
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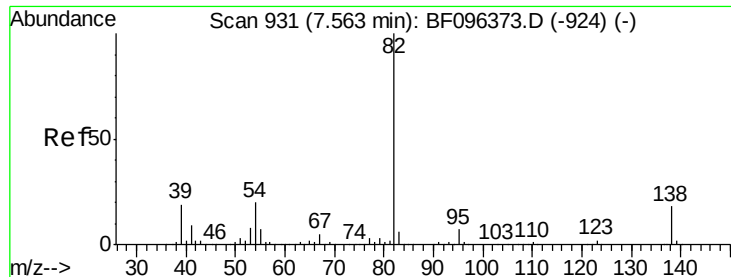
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#24
 Nitrobenzene
 Concen: 34.209 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion: 77 Resp: 222889
 Ion Ratio Lower Upper
 77 100
 123 51.4 35.8 53.8
 65 14.9 10.6 15.8





#25

Isophorone

Concen: 35.908 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

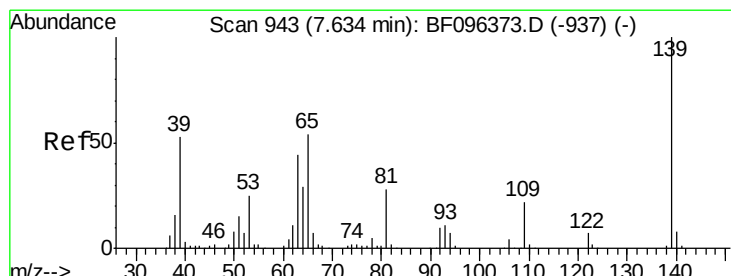
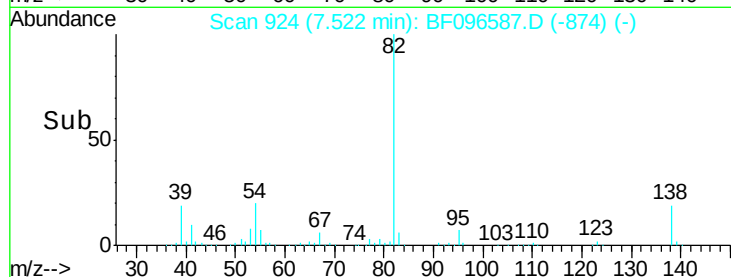
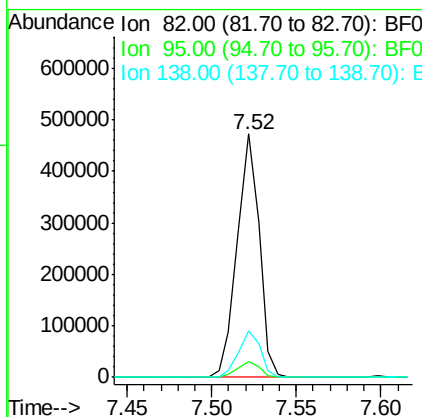
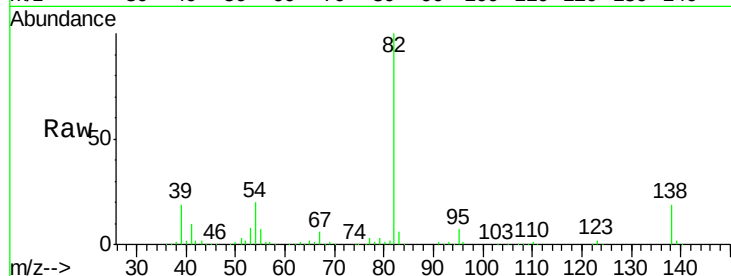
ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion:	82	Resp:	432406
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.3	13.1	19.7

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#26

2-Nitrophenol

Concen: 33.554 ng

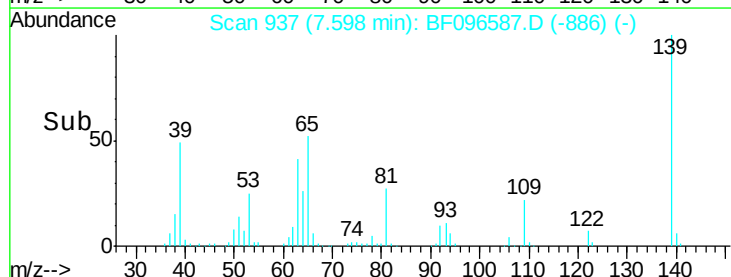
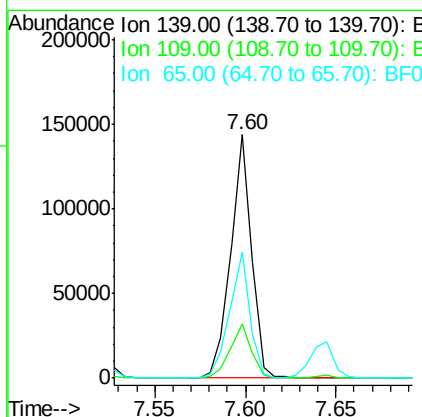
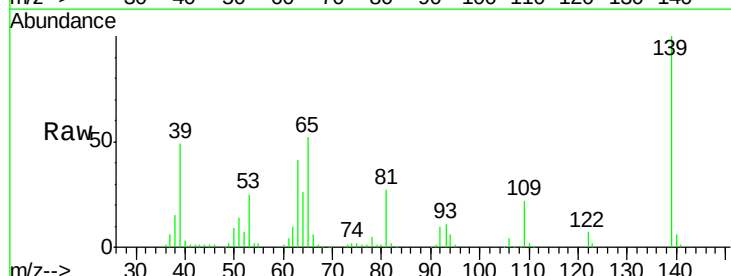
RT: 7.60 min Scan# 937

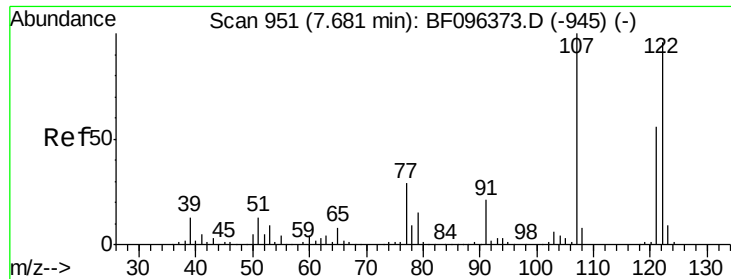
Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion:	139	Resp:	115714
Ion Ratio	Lower	Upper	
139	100		
109	22.4	21.0	31.6
65	51.6	33.0	49.6#





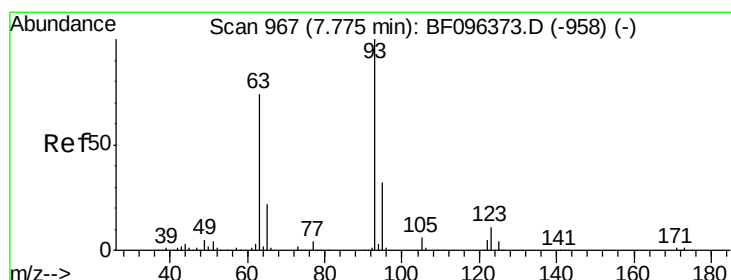
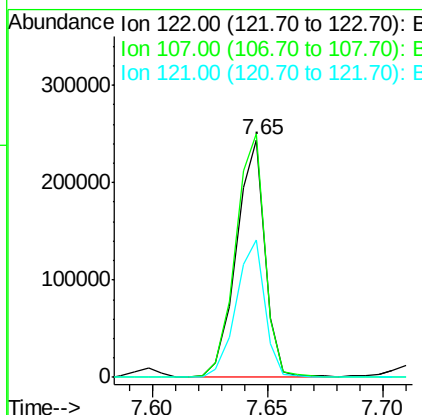
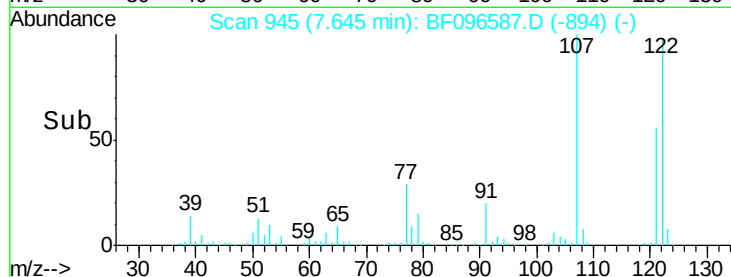
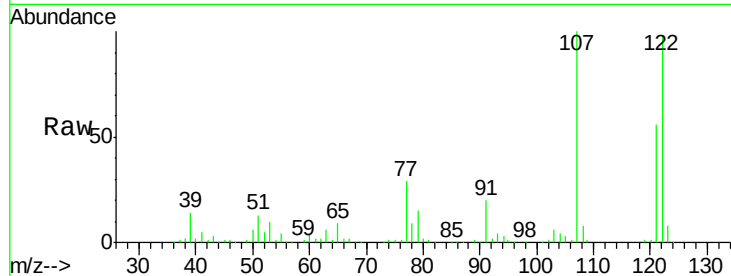
#27
 2,4-Dimethylphenol
 Concen: 36.129 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	212153		
107	102.5	89.2	133.8	
121	57.7	45.2	67.8	

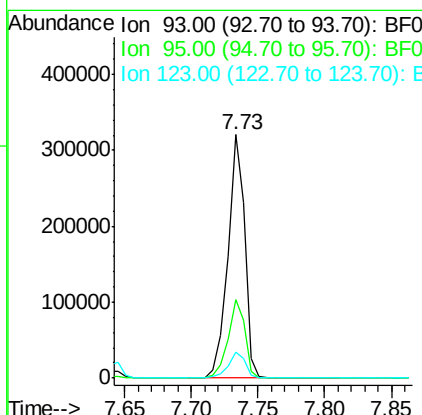
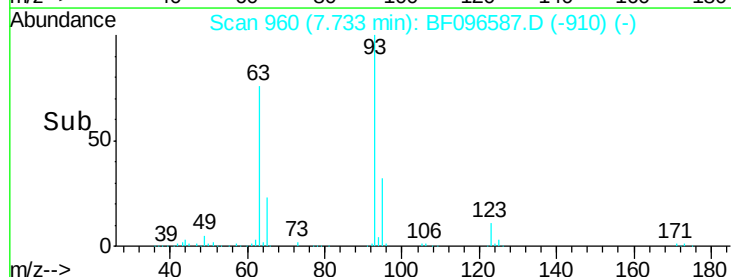
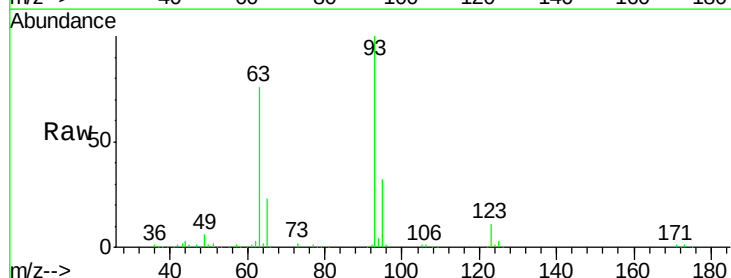
Manual Integrations
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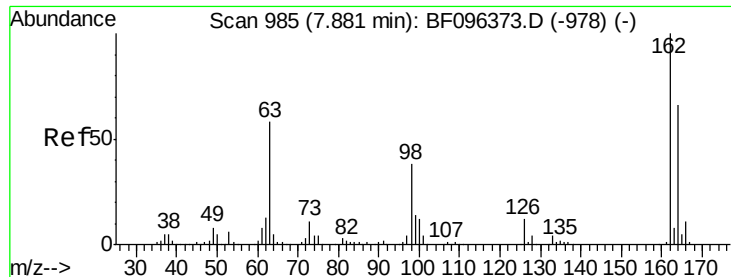
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.011 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	286258		
95	32.2	26.5	39.7	
123	10.5	9.0	13.4	





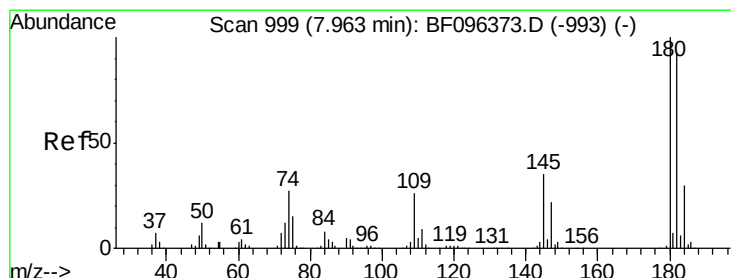
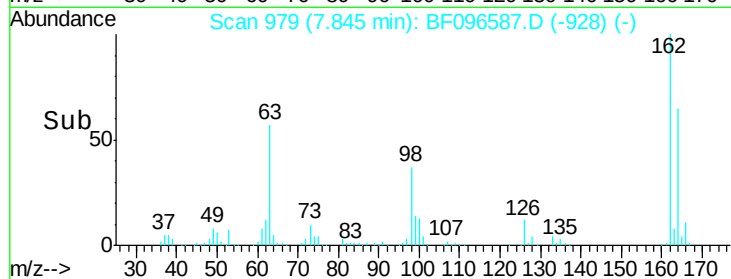
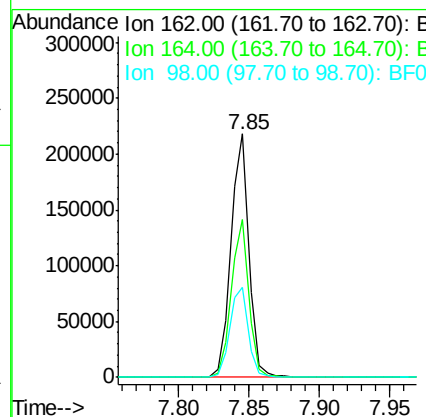
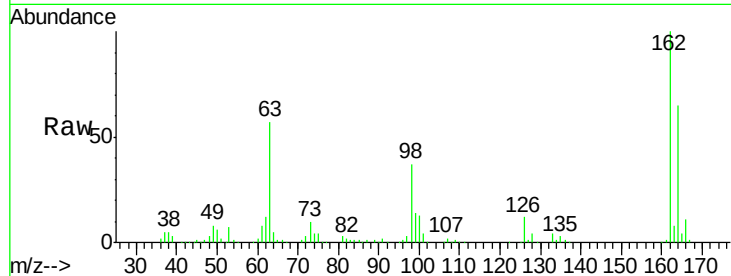
#29
2,4-Dichlorophenol
Concen: 37.926 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	44.6	84.6
98	37.0	14.8	54.8

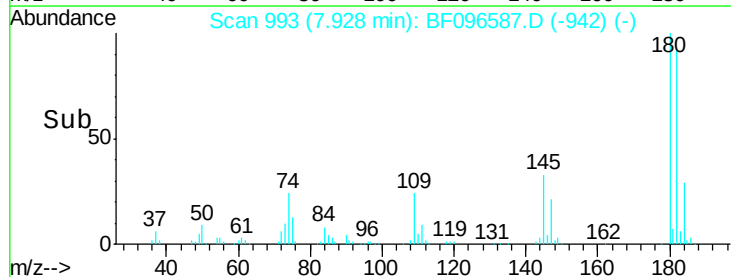
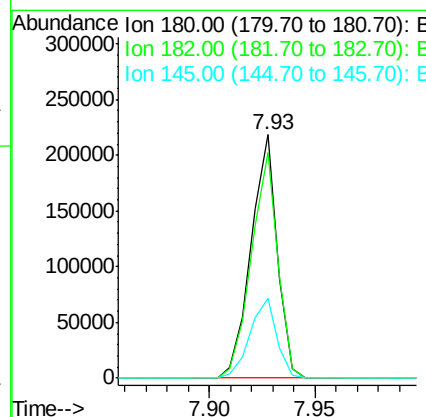
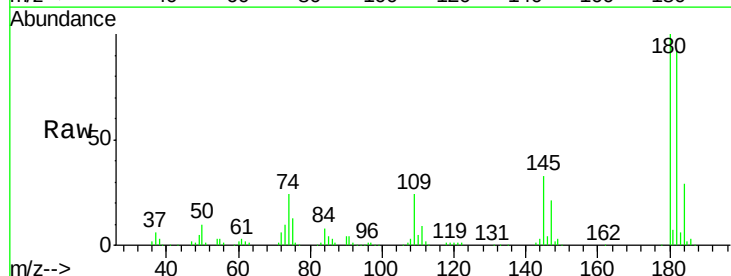
Manual Integrations
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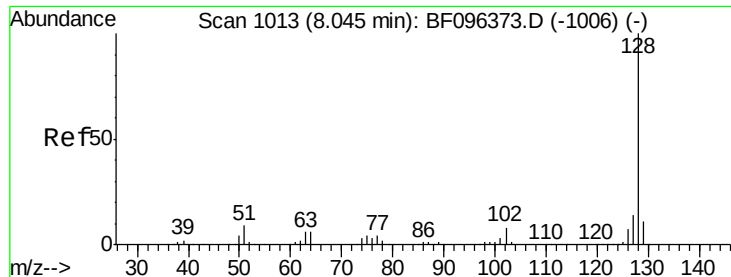
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.313 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.4	75.8	113.6
145	33.0	25.3	37.9





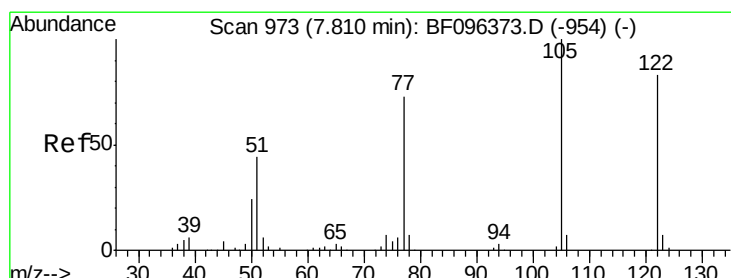
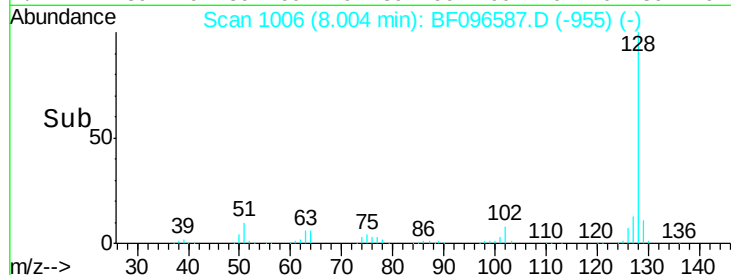
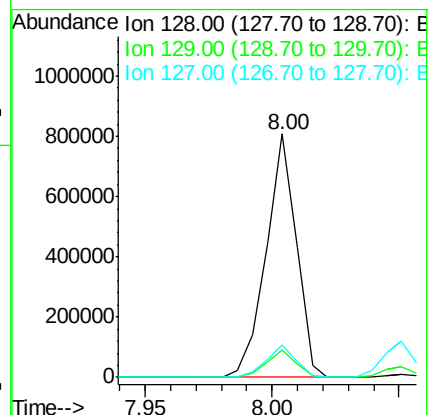
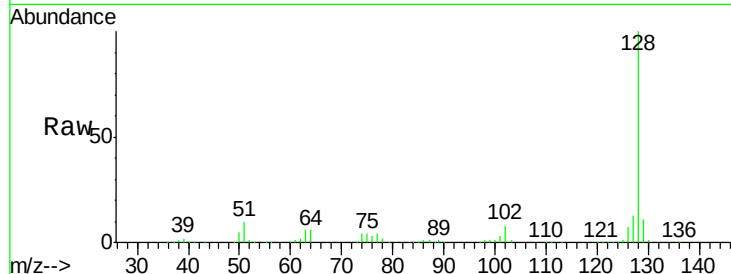
#31
Naphthalene
Concen: 38.133 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.8	16.2

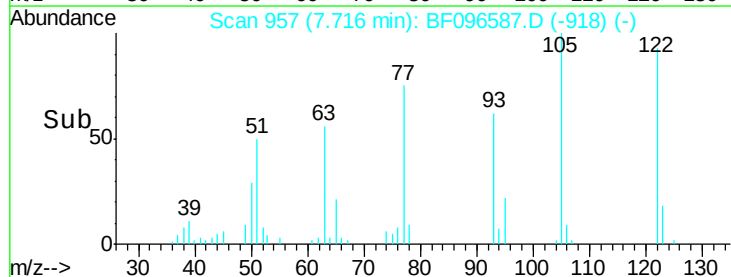
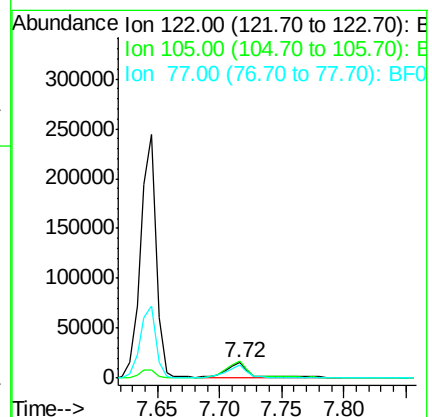
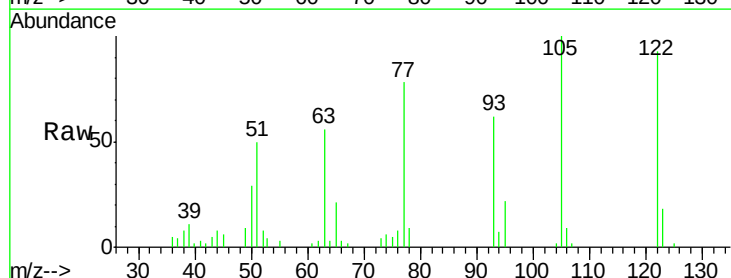
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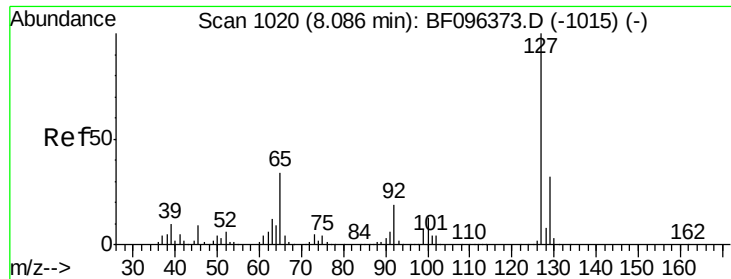
mohammad
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#32
Benzoic acid
Concen: 4.675 ng m
RT: 7.72 min Scan# 957
Delta R.T. -0.07 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.6	103.3	143.3
77	83.5	73.7	113.7





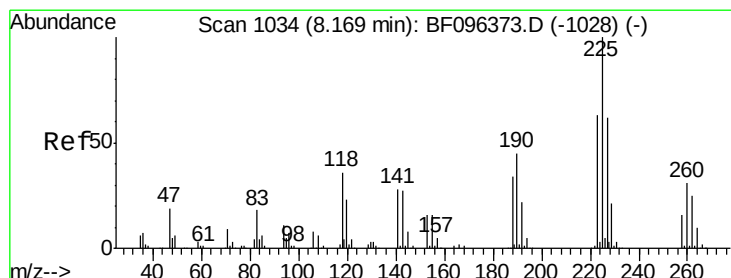
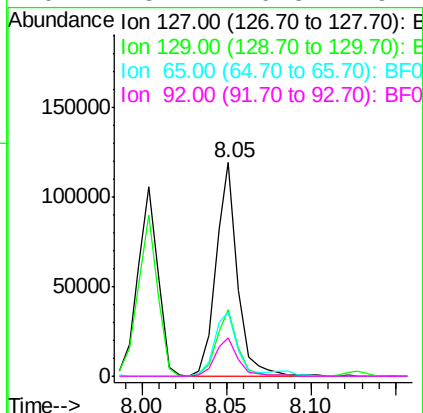
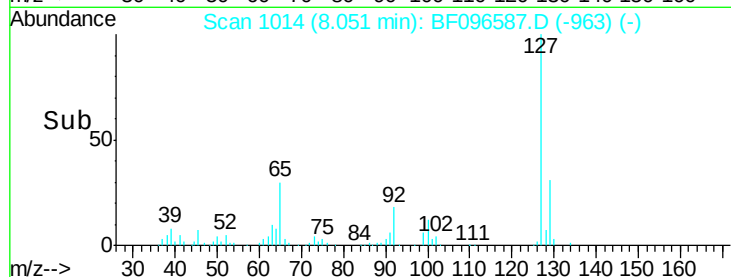
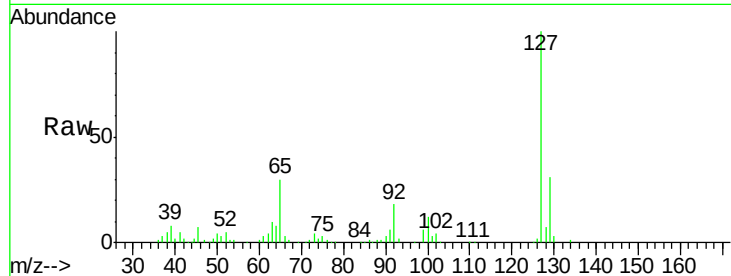
#33
4-Chloroaniline
Concen: 14.518 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	106248		
129	31.0	26.2	39.2	
65	30.0	27.8	41.8	
92	18.1	16.8	25.2	

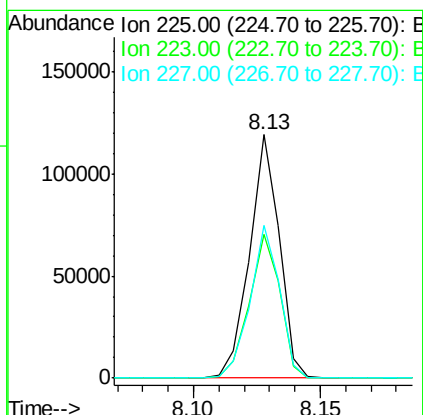
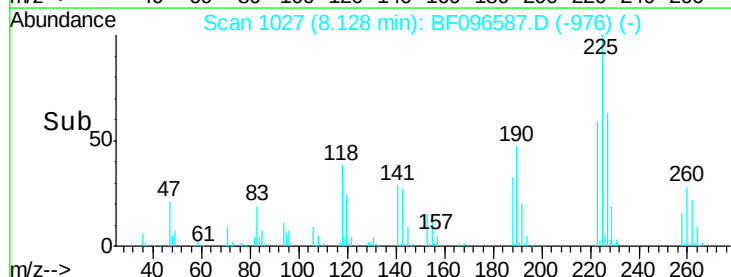
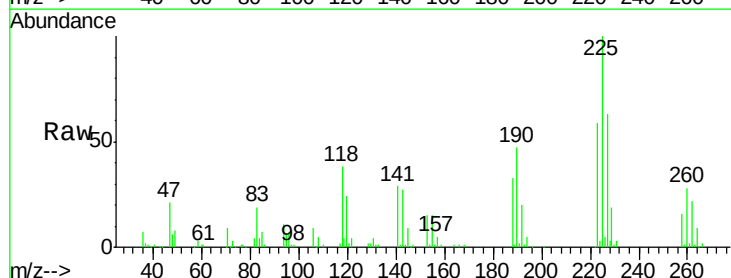
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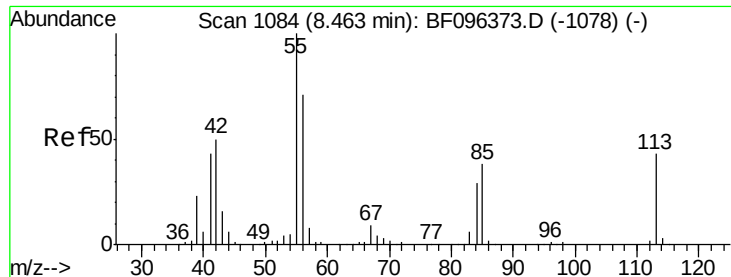
mohammad
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#34
Hexachlorobutadiene
Concen: 39.674 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97249		
223	58.8	48.8	73.2	
227	62.6	51.1	76.7	





#35

Caprolactam

Concen: 34.886 ng m

RT: 8.40 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion:113 Resp: 60948

Ion Ratio Lower Upper

113 100

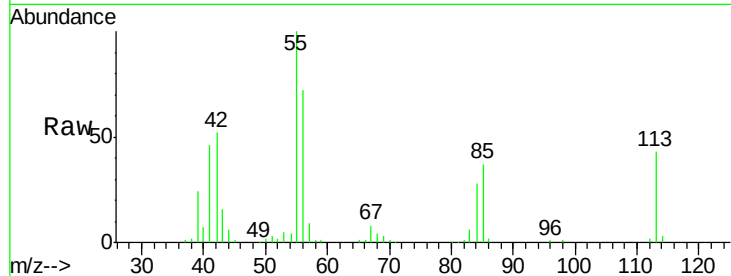
55 234.9 150.2 190.2#

56 168.0 107.8 147.8#

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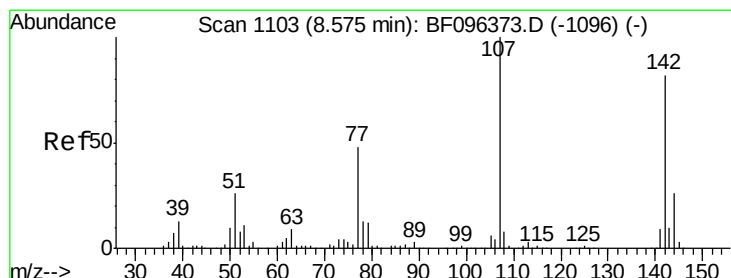
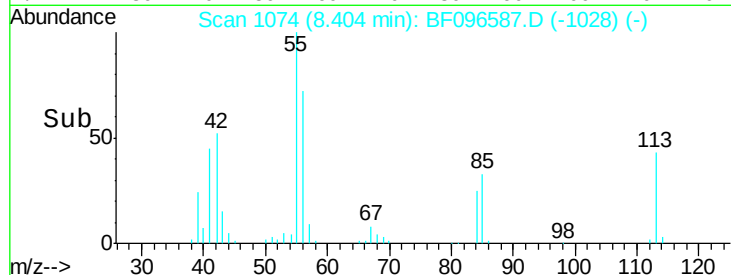
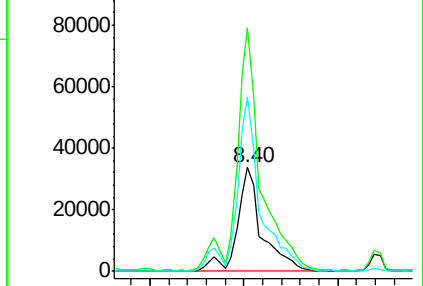
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.227 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

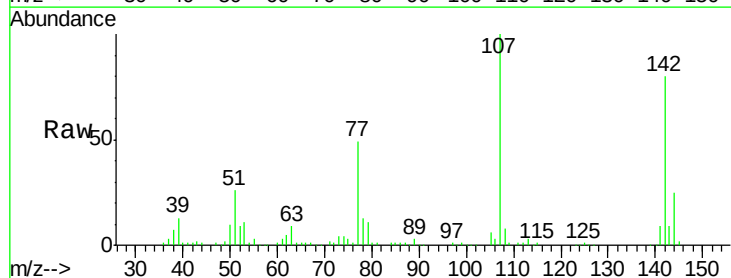
Tgt Ion:107 Resp: 197481

Ion Ratio Lower Upper

107 100

144 24.7 24.2 36.4

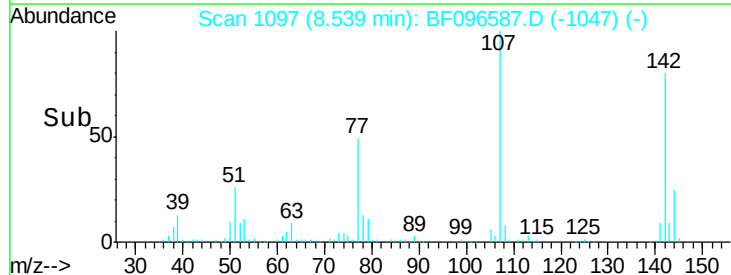
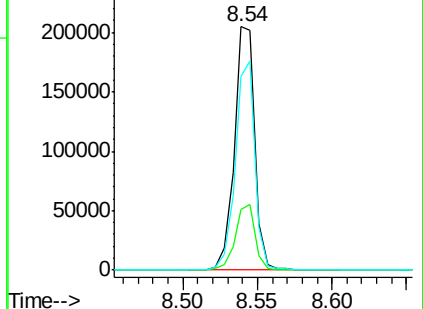
142 79.6 73.4 110.0

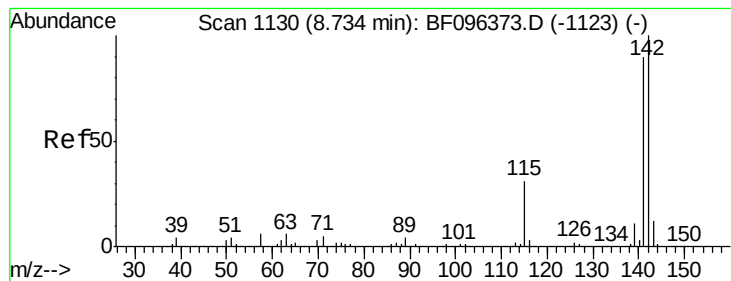


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





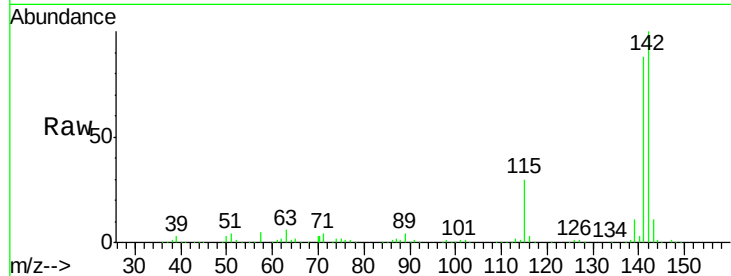
#37
2-Methylnaphthalene
Concen: 36.946 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

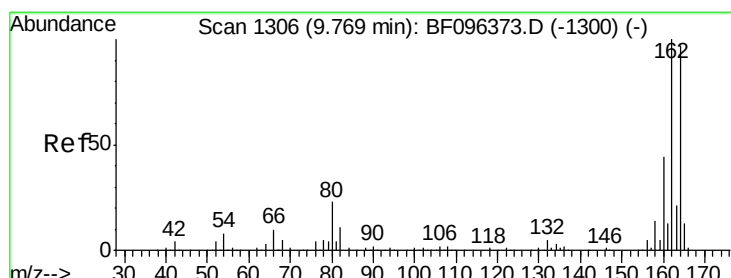
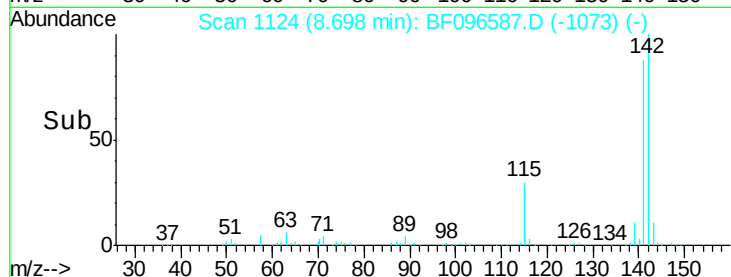
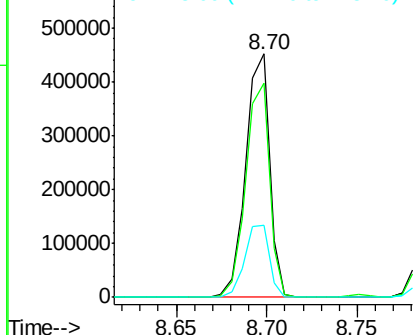
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	29.7	27.1	40.7

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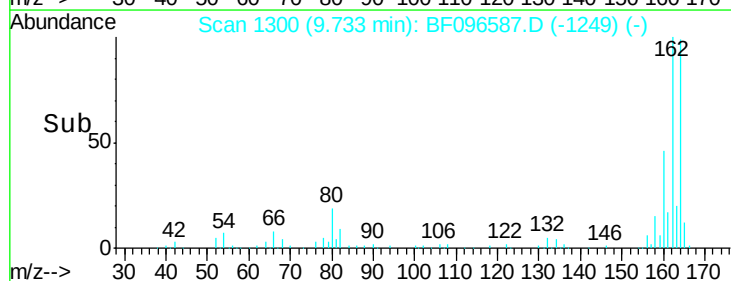
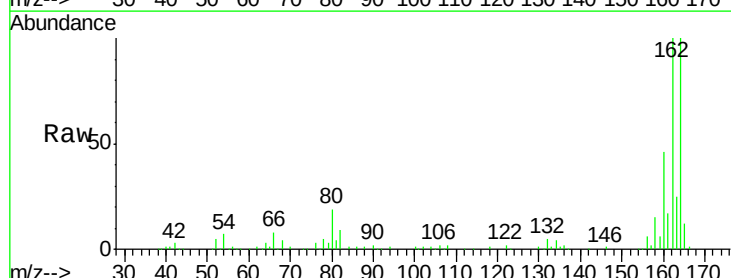
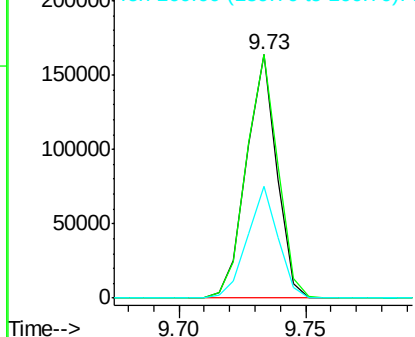
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

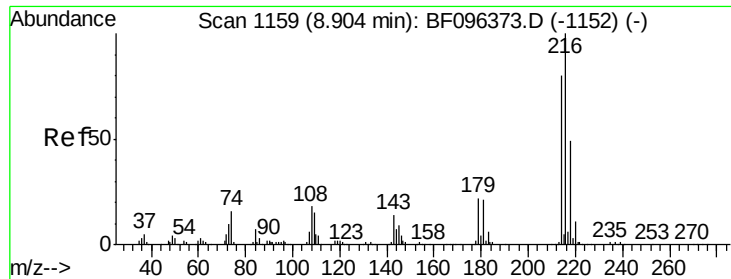


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	123.8
160	45.8	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





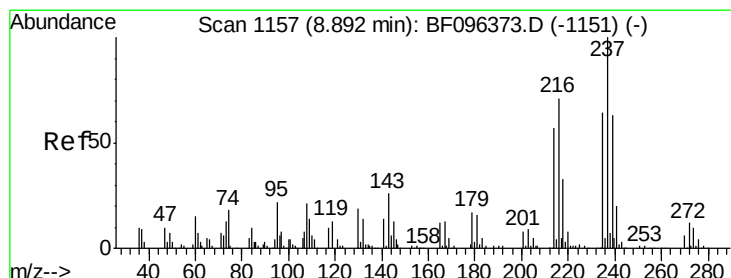
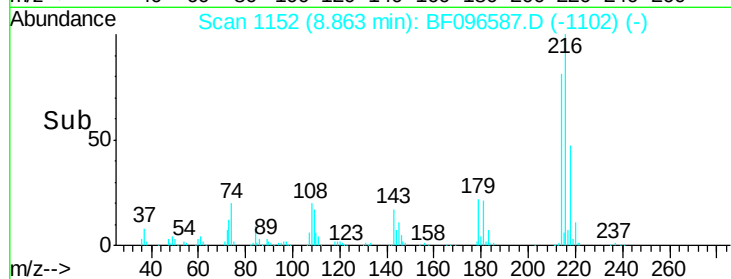
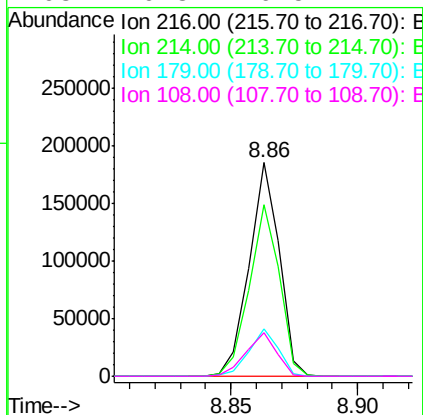
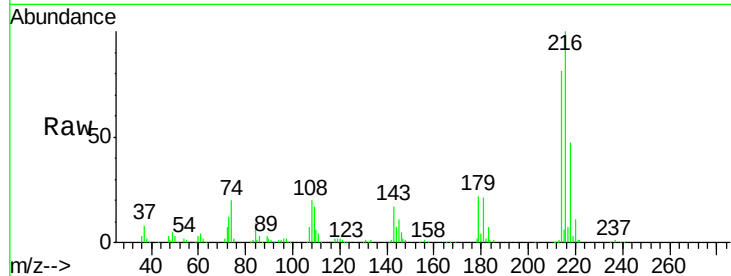
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.376 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	153655		
214	80.7	63.4	95.2	
179	22.1	17.9	26.9	
108	20.8	16.5	24.7	

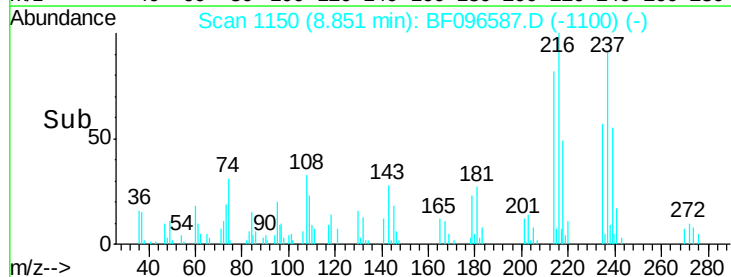
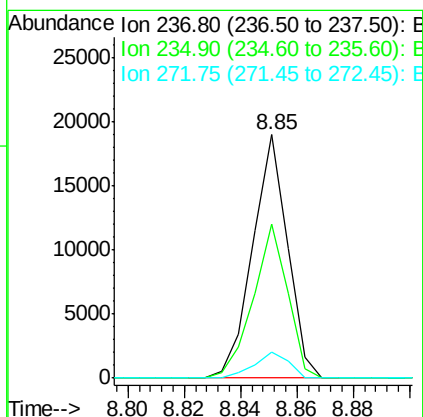
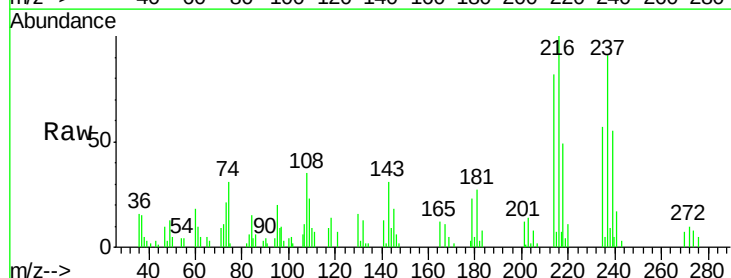
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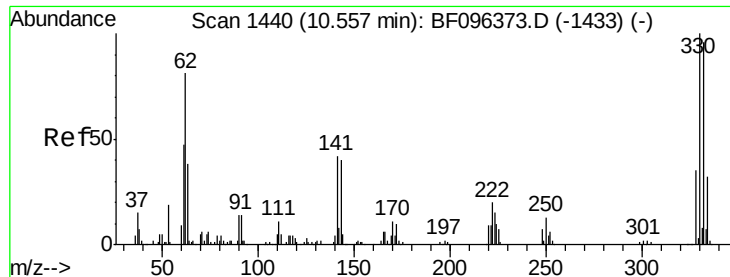
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 9.466 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	16304		
235	63.3	42.6	82.6	
272	10.8	0.0	31.9	





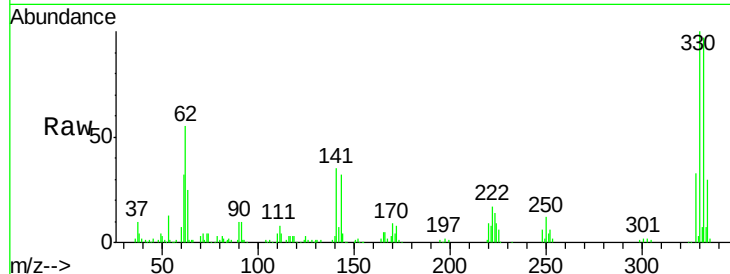
#41
 2,4,6-Tribromophenol
 Concen: 119.898 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.0	31.4	47.2

Manual Integrations
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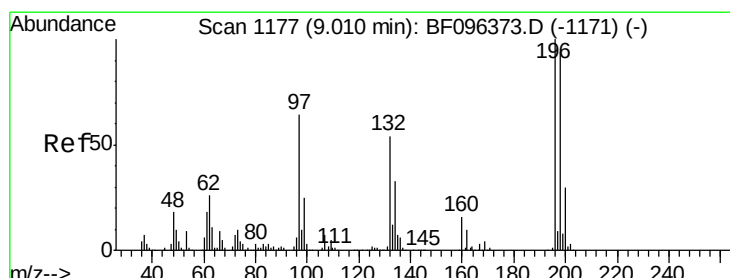
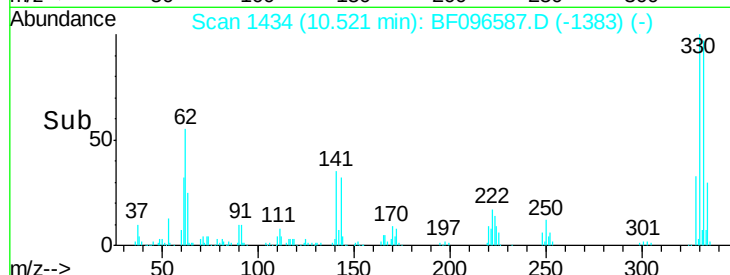
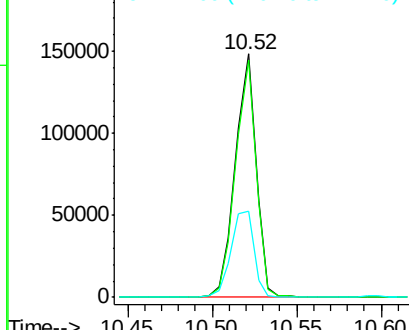


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.778 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

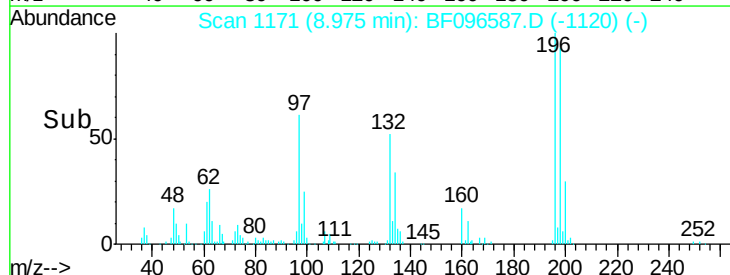
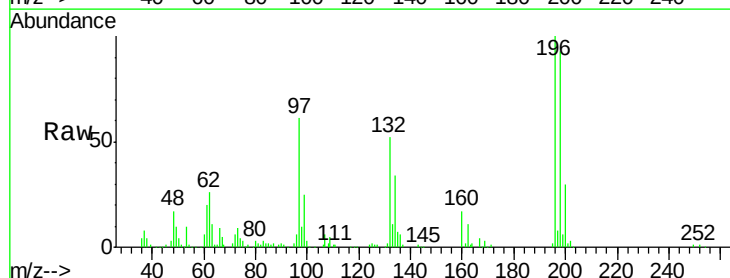
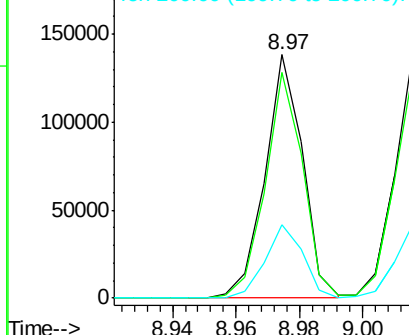
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.2	111.4
200	30.0	24.0	36.0

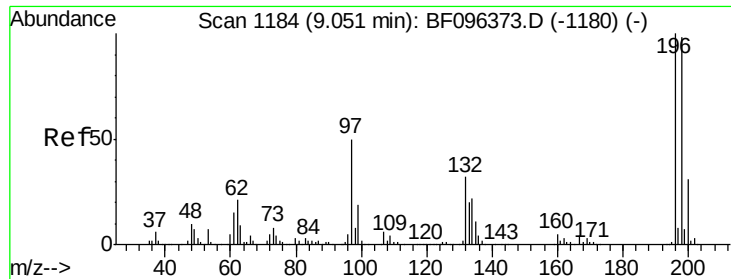
Abundance

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





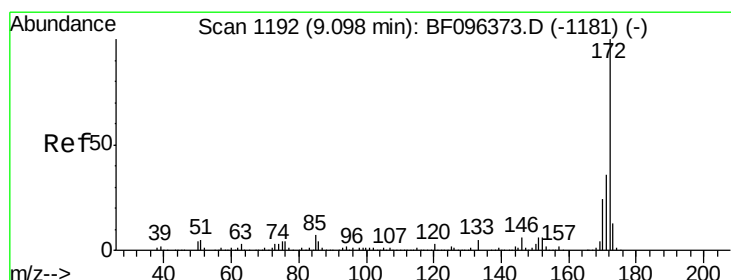
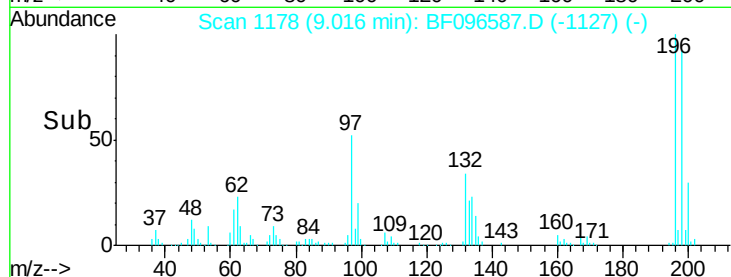
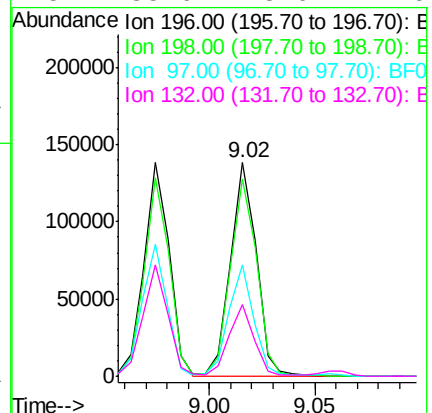
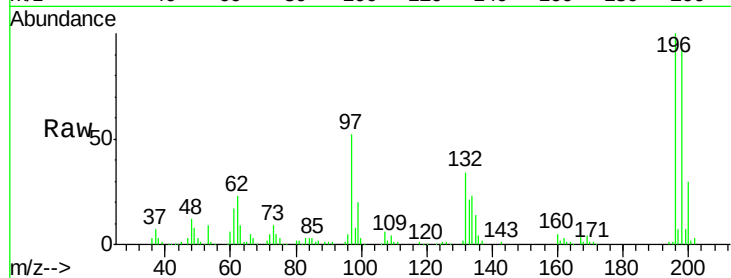
#43
2,4,5-Trichlorophenol
Concen: 42.130 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116733		
198	92.4	75.7	113.5	
97	52.2	47.7	71.5	
132	33.6	28.0	42.0	

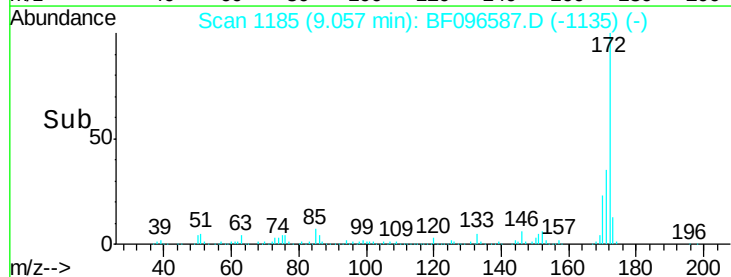
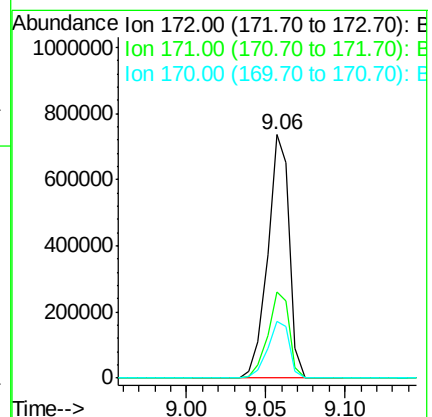
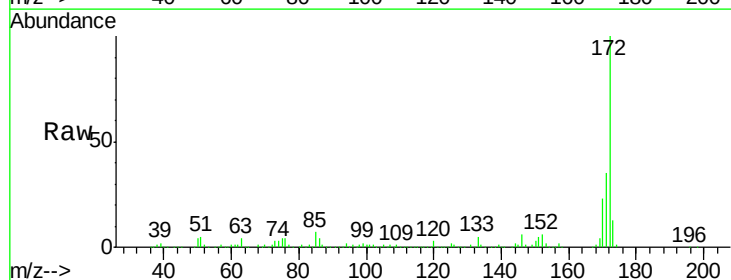
Manual Integrations
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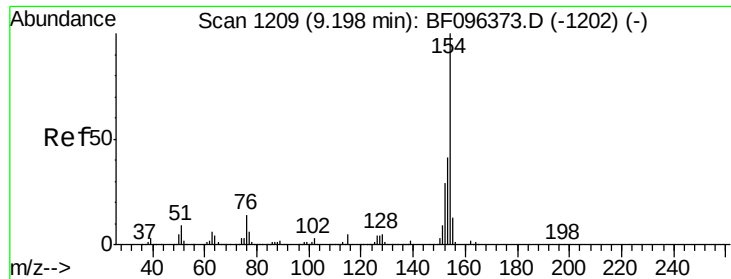
mohammad
7/10/2017 2:23:26 PM



#44
2-Fluorobiphenyl
Concen: 87.885 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	701272		
171	35.5	29.6	44.4	
170	23.4	19.8	29.8	





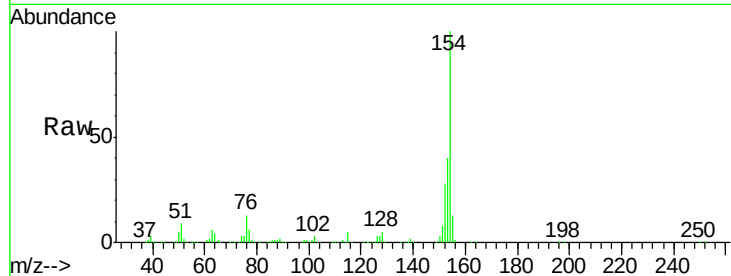
#45
 1,1'-Biphenyl
 Concen: 40.307 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

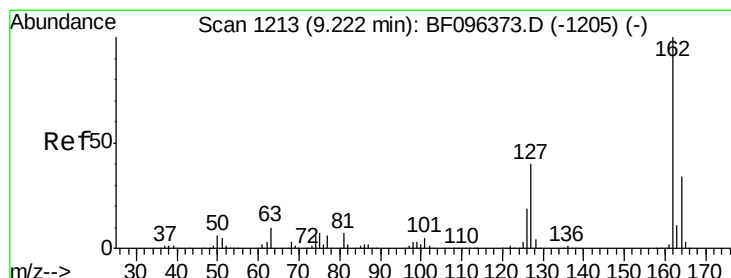
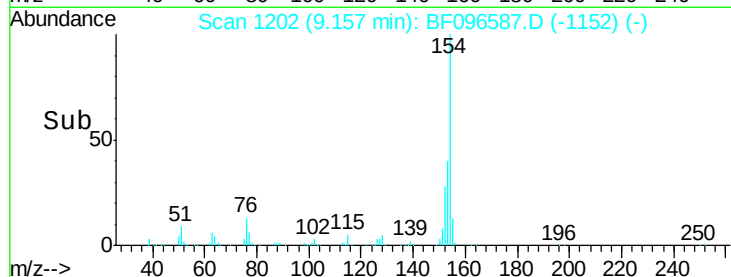
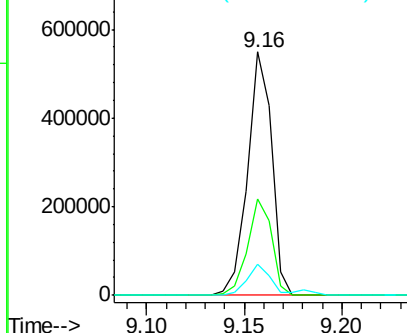
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.2	61.2
76	13.0	0.0	29.9

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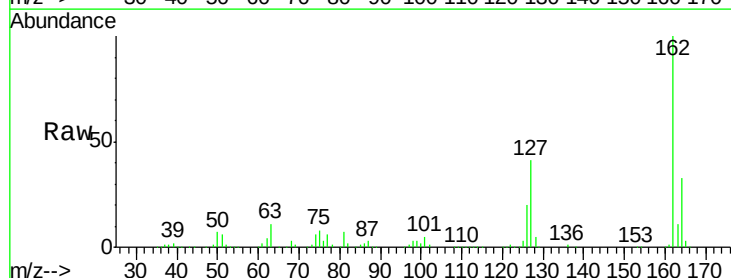


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

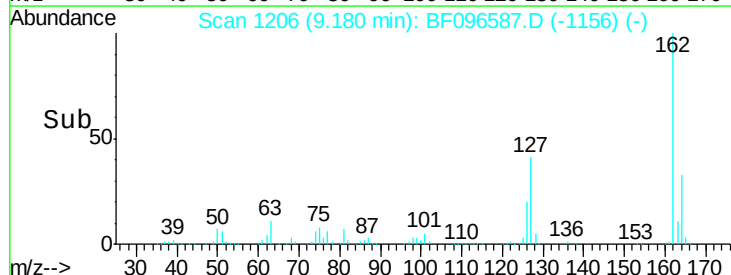
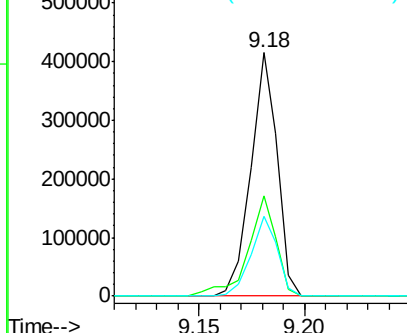


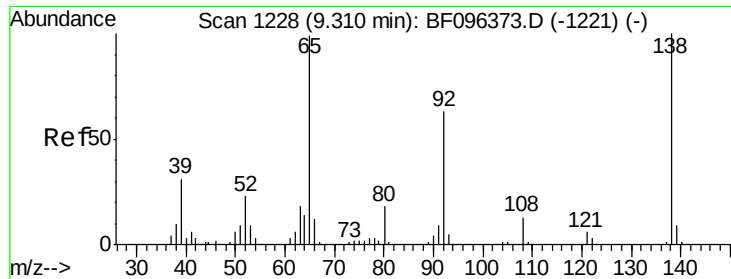
#46
 2-Chloronaphthalene
 Concen: 41.386 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	32.7	27.0	40.4



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





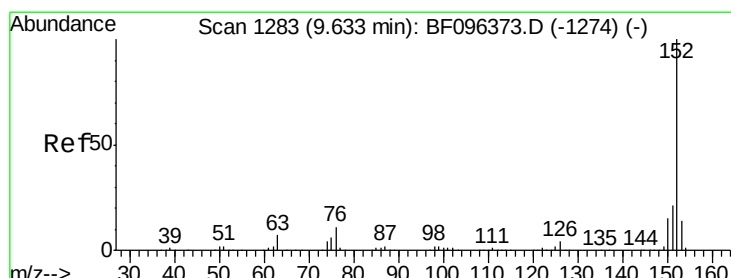
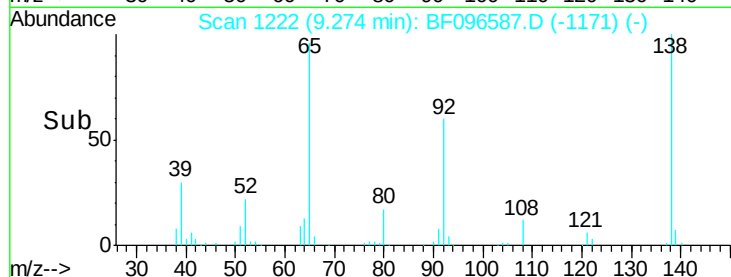
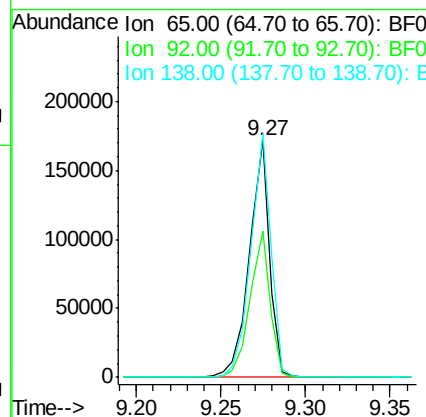
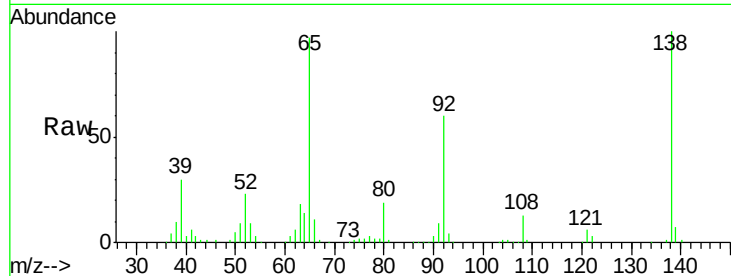
#47
 2-Nitroaniline
 Concen: 45.520 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion:	65	Resp:	144290
Ion Ratio	Lower	Upper	
65	100		
92	62.0	53.9	80.9
138	102.8	78.8	118.2

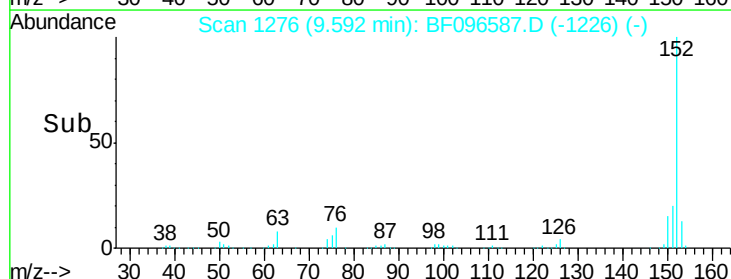
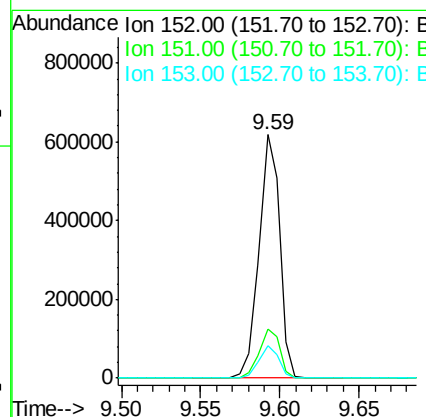
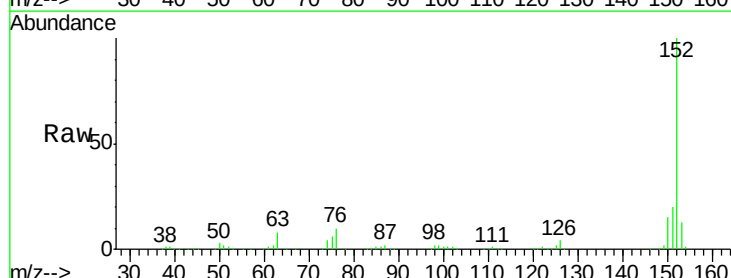
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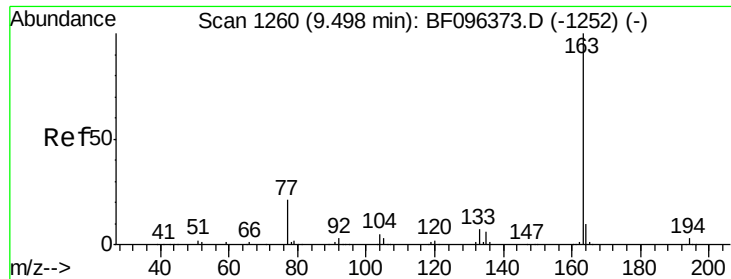
mohammad
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#48
 Acenaphthylene
 Concen: 40.566 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion:	152	Resp:	559967
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	13.4	10.8	16.2





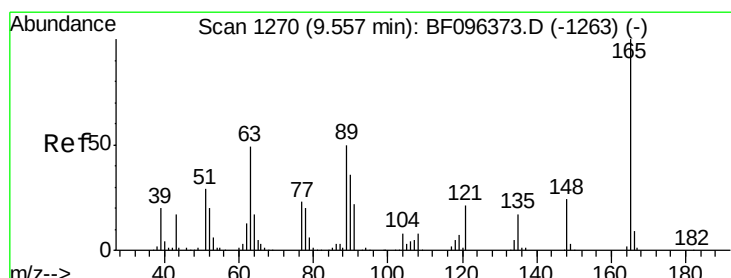
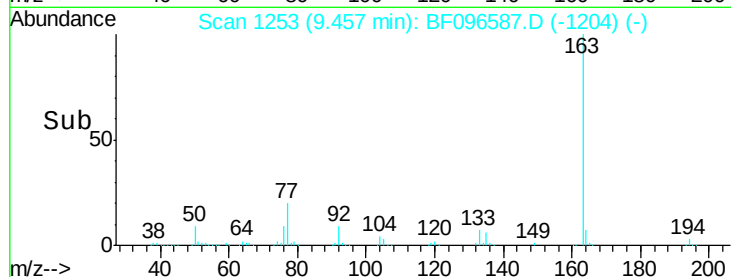
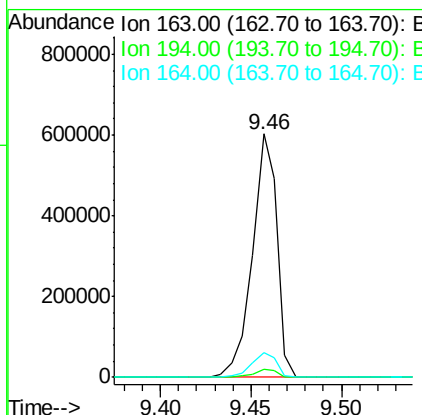
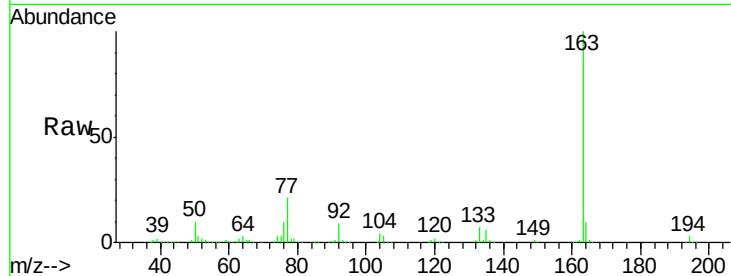
#49
Dimethylphthalate
Concen: 55.525 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6

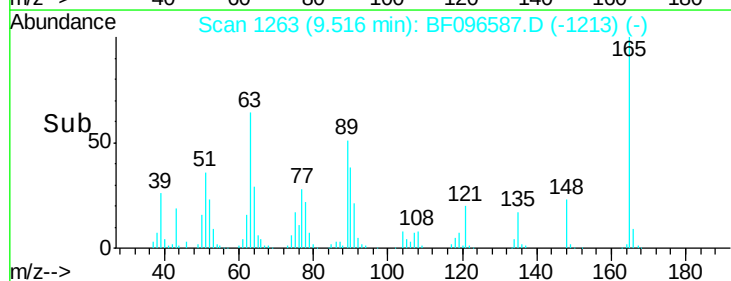
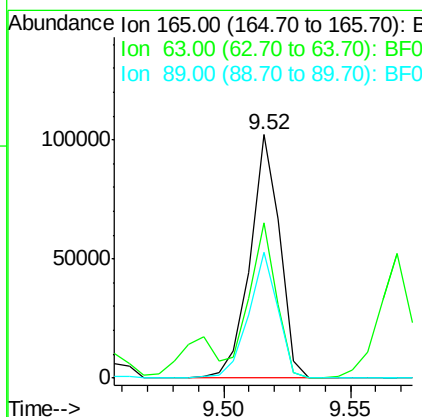
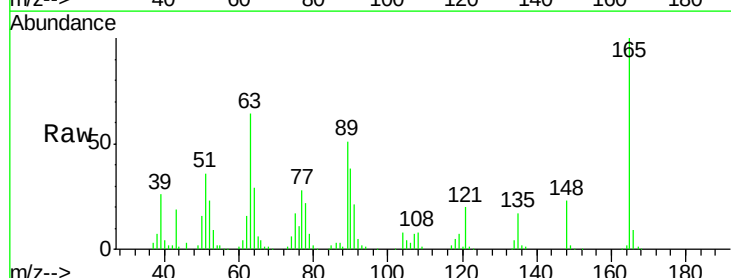
Manual Integrations
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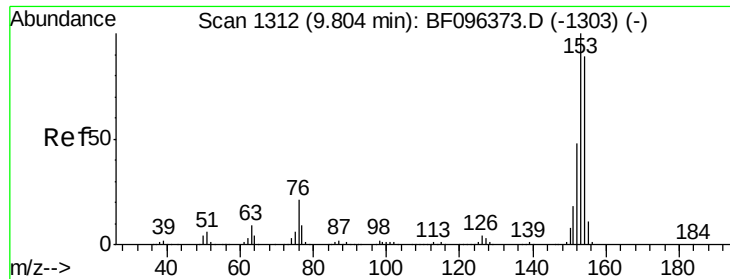
mohammad
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#50
2,6-Dinitrotoluene
Concen: 36.817 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	63.8	34.3	51.5#
89	51.4	37.1	55.7





#51

Acenaphthene

Concen: 34.586 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

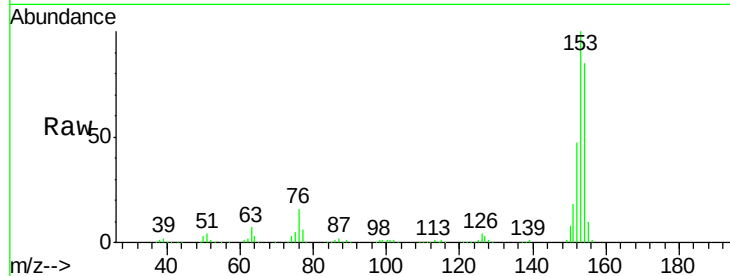
ClientSampleId :

TP8-MH2104-COMPMSD

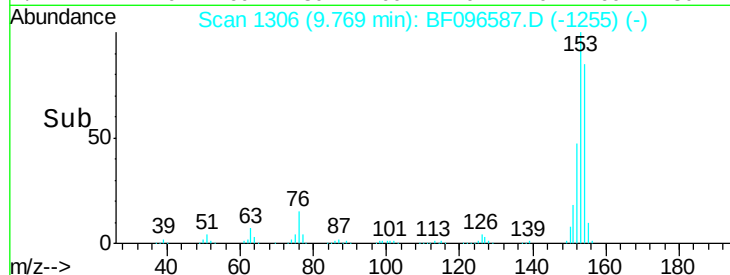
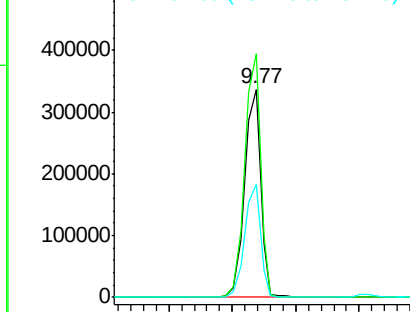
Tgt Ion:	154	Resp:	294283
Ion Ratio	Lower	Upper	
154	100		
153	117.2	90.5	135.7
152	54.7	43.6	65.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.678 ng

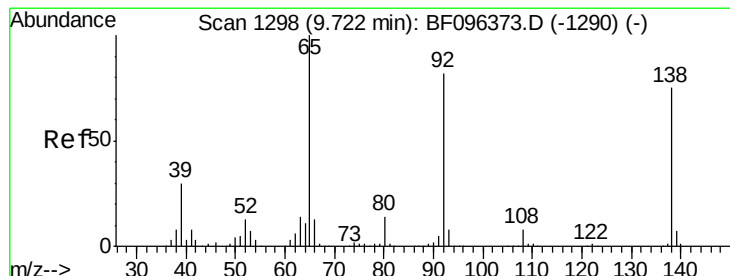
RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

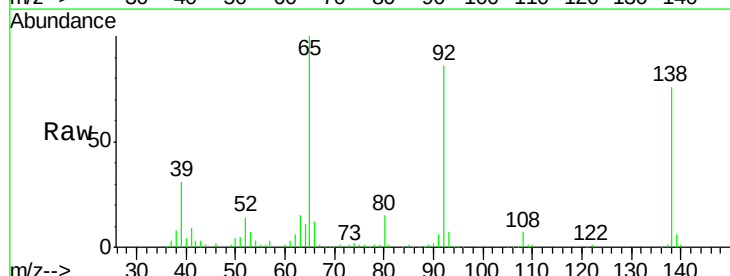
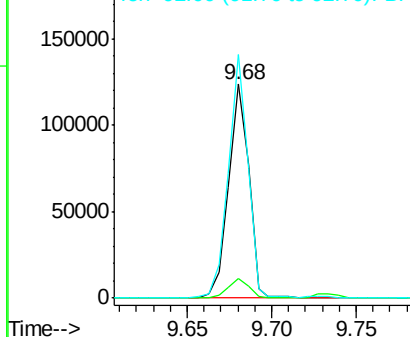
Lab File: BF096587.D

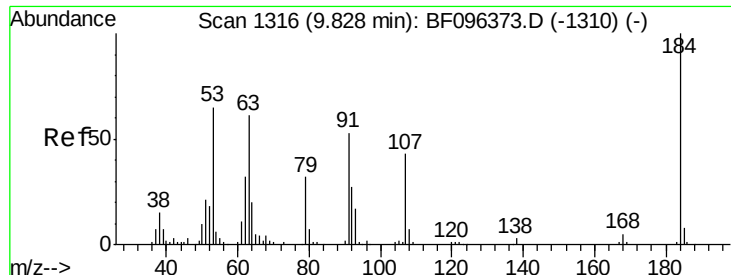
Acq: 8 Jul 2017 4:19

Tgt Ion:	138	Resp:	103030
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.1	13.7
92	113.8	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





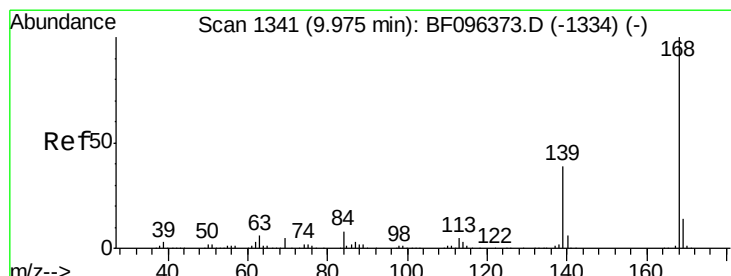
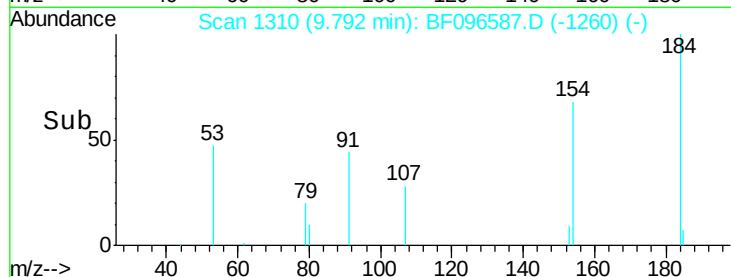
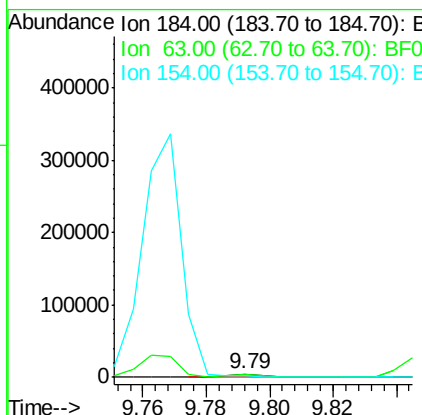
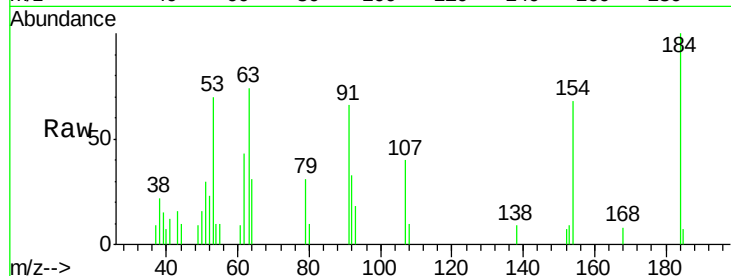
#53
2,4-Dinitrophenol
Concen: 3.073 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion:184 Resp: 3676
Ion Ratio Lower Upper
184 100
63 73.8 62.7 94.1
154 67.7 81.1 121.7#

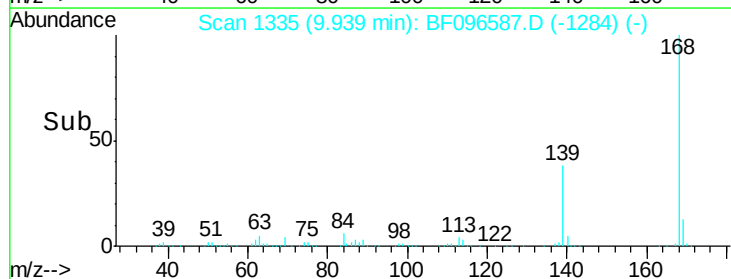
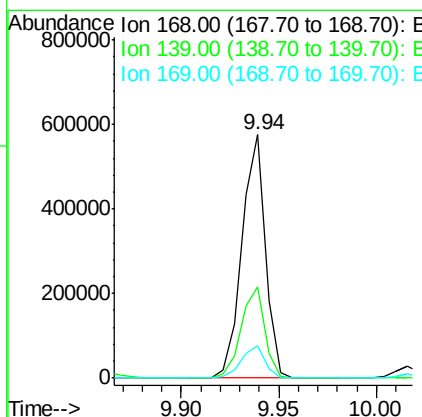
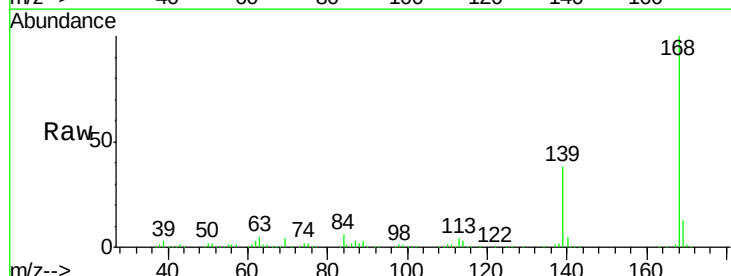
Manual Integrations
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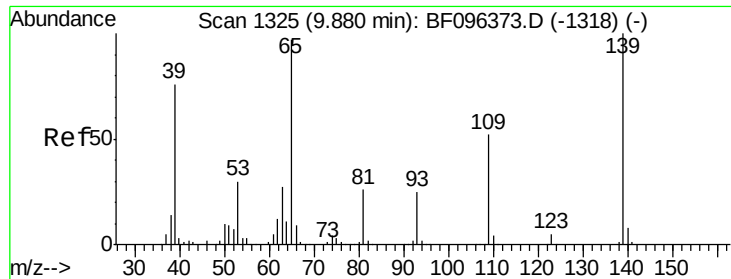
mohammad
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#54
Dibenzofuran
Concen: 42.698 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion:168 Resp: 479663
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8
169 13.4 10.8 16.2





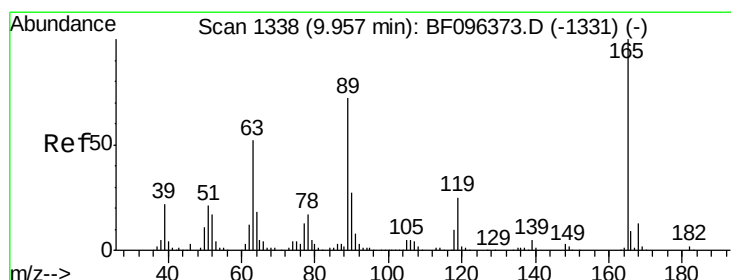
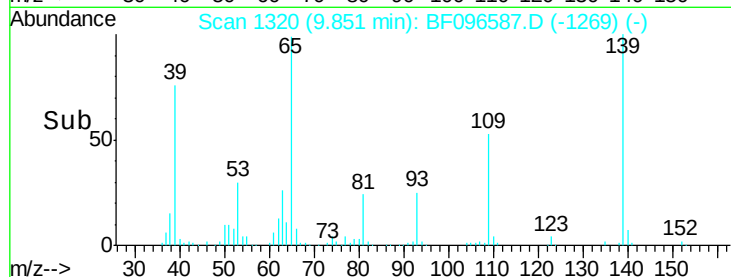
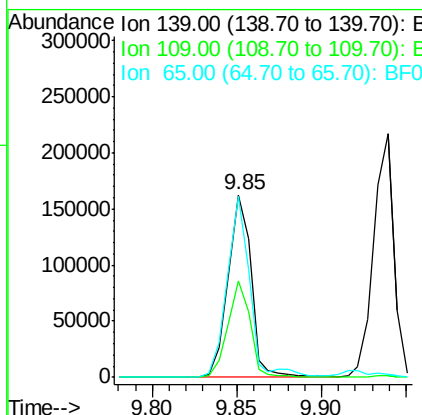
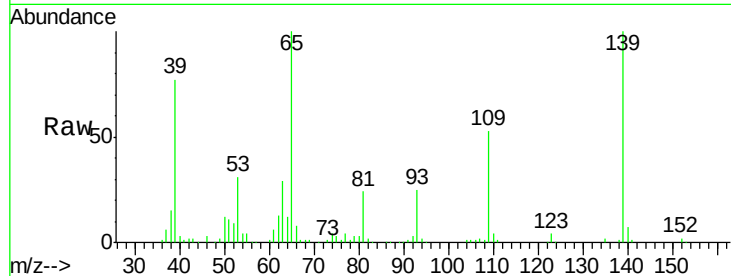
#55
4-Nitrophenol
Concen: 66.219 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	154178		
109	52.9	34.1	74.1	
65	99.6	31.4	71.4	

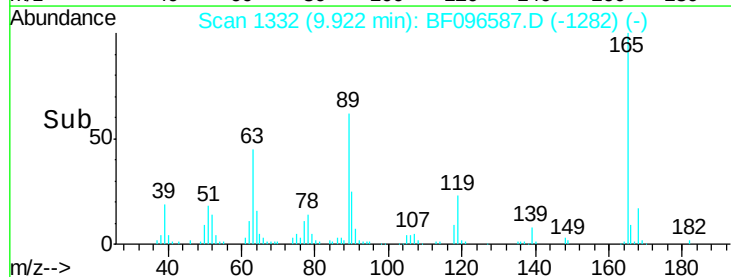
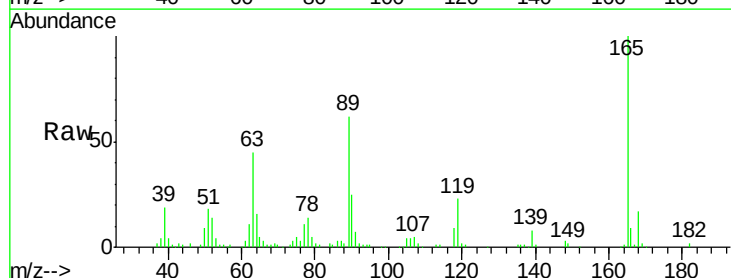
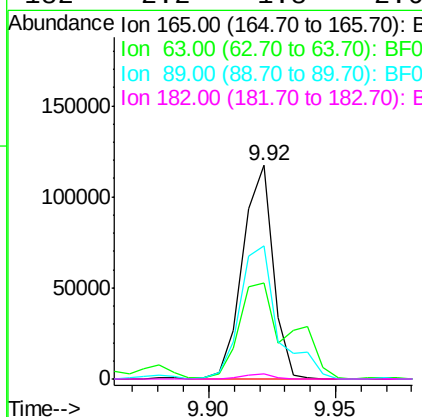
Manual Integrations
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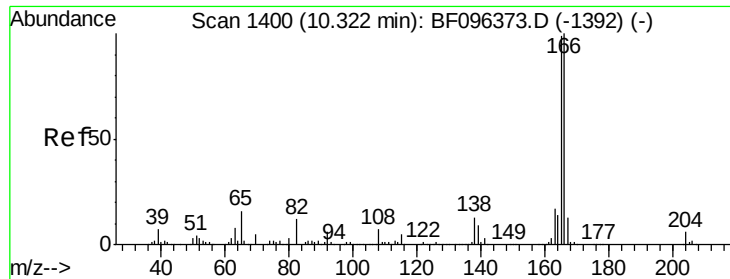
mohammad
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#56
2,4-Dinitrotoluene
Concen: 34.449 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98251		
63	45.0	25.4	38.0	
89	62.1	46.4	69.6	
182	2.2	1.8	2.6	





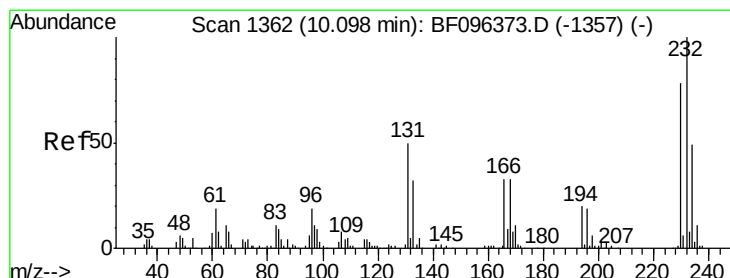
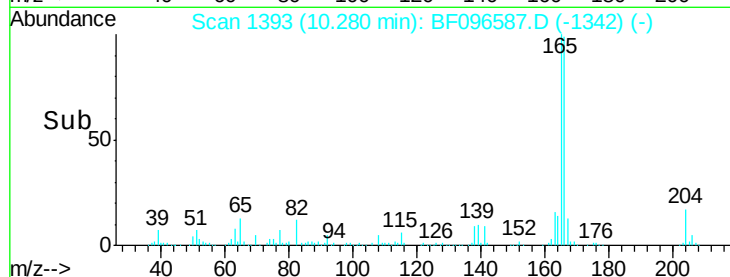
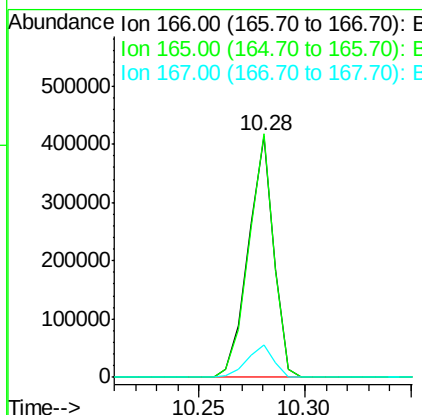
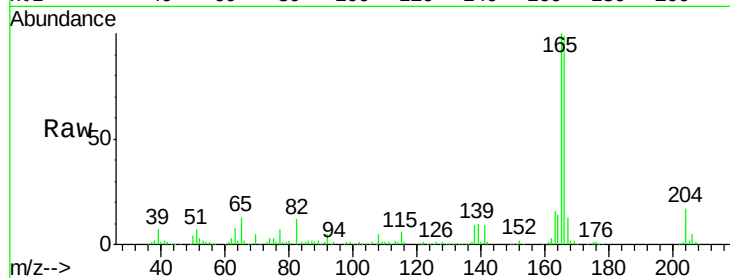
#57
 Fluorene
 Concen: 43.732 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	346970		
165	100.8	78.8	118.2	
167	13.3	10.6	16.0	

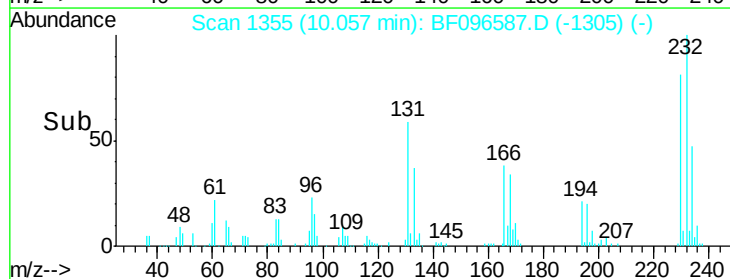
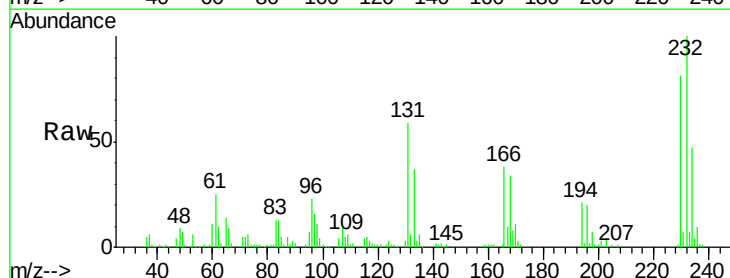
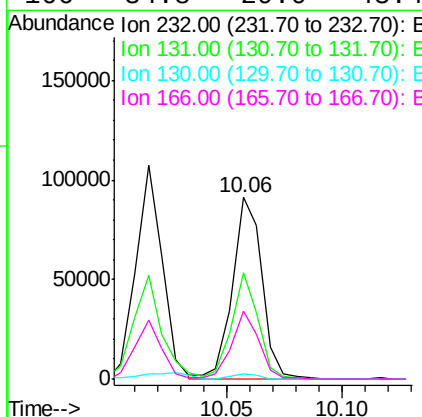
Manual Integrations
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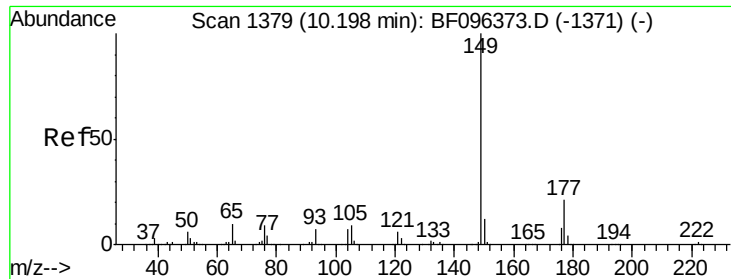
mohammad
 7/10/2017 2:23:26 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.462 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	81400		
131	52.7	44.8	67.2	
130	2.4	2.3	3.5	
166	34.8	29.0	43.4	





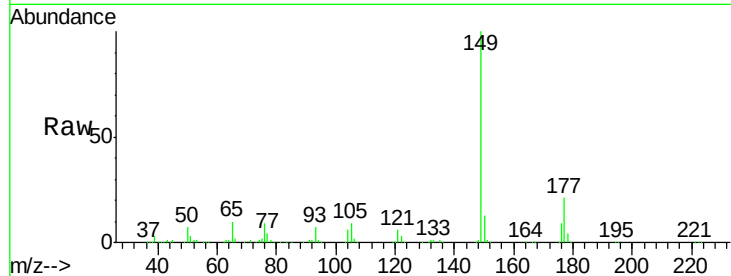
#59
Diethylphthalate
Concen: 41.289 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

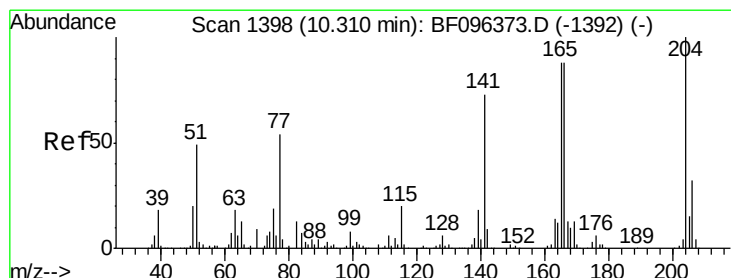
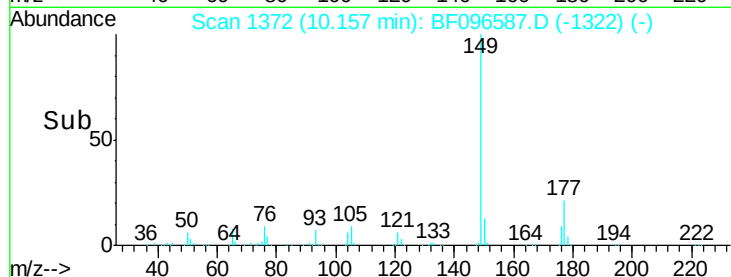
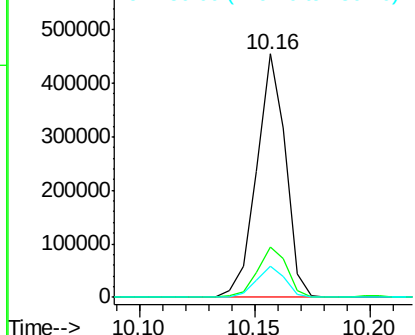
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.7	10.2	15.2

Manual Integrations
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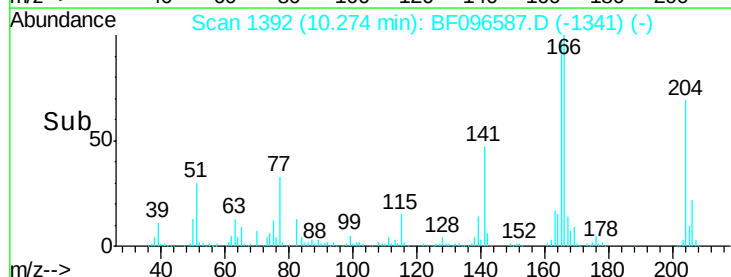
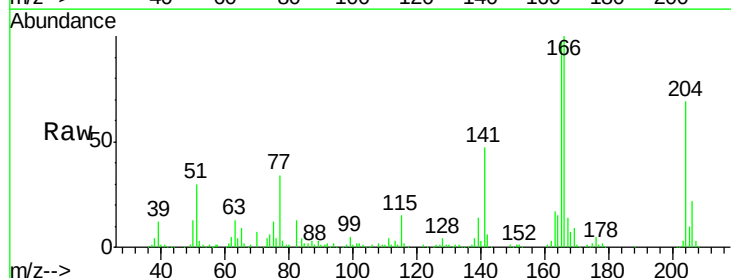
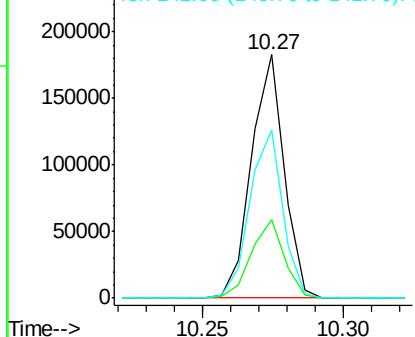
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

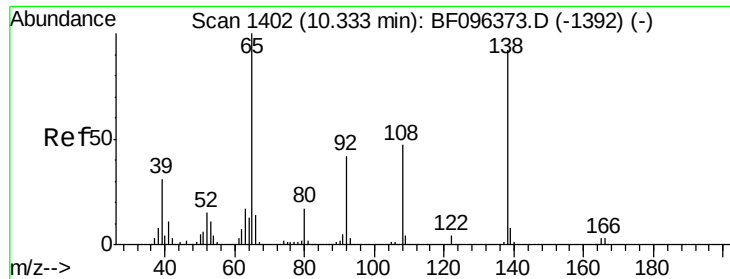


#60
4-Chlorophenyl-phenylether
Concen: 42.594 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	68.8	60.8	91.2

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





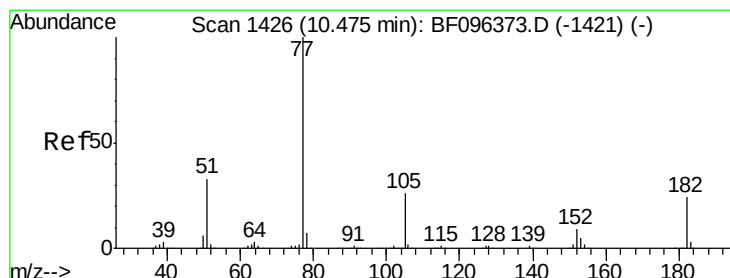
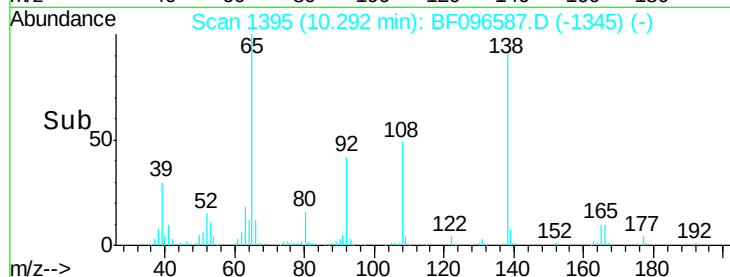
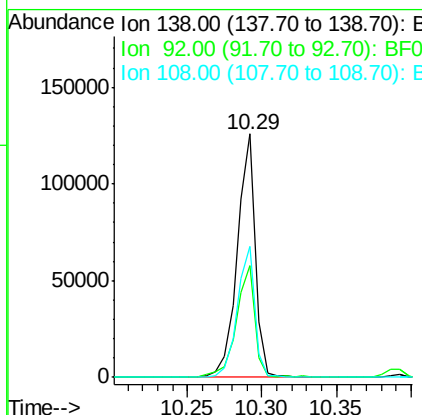
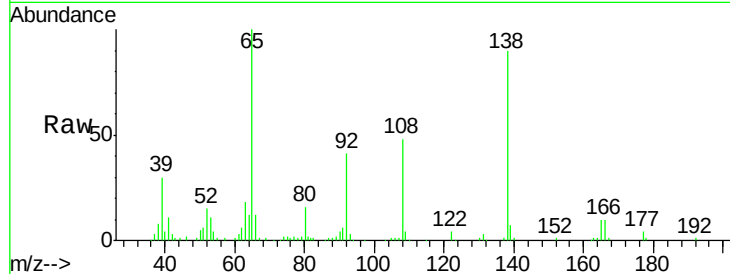
#61
4-Nitroaniline
Concen: 42.088 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	107502		
92	46.0	21.8	61.8	
108	53.6	42.3	82.3	

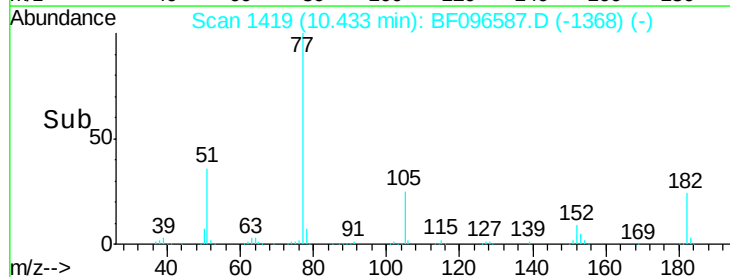
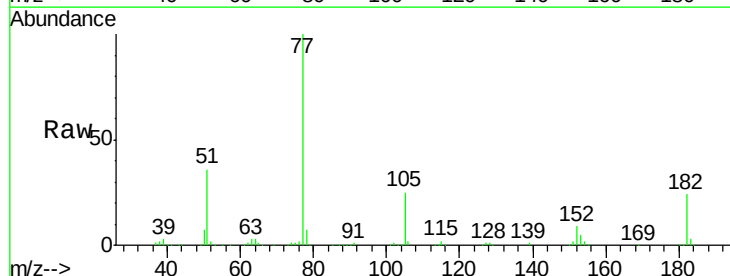
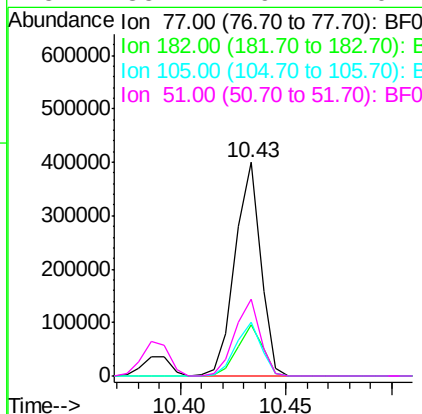
Manual Integrations
APPROVED

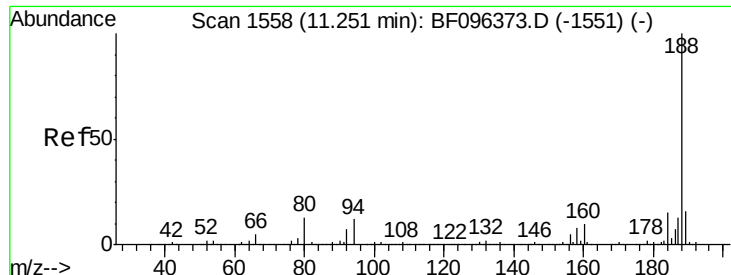
mohammad
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#62
Azobenzene
Concen: 35.743 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	332706		
182	24.1	0.1	40.1	
105	25.0	3.6	43.6	
51	35.7	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

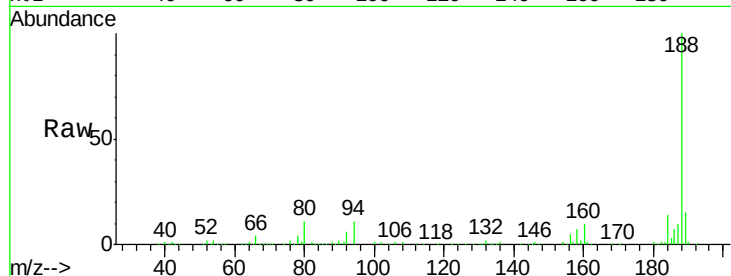
ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion:	188	Resp:	211161
Ion Ratio	Lower	Upper	
188	100		
94	11.1	9.4	14.2
80	11.0	10.2	15.2

Manual Integrations
APPROVED

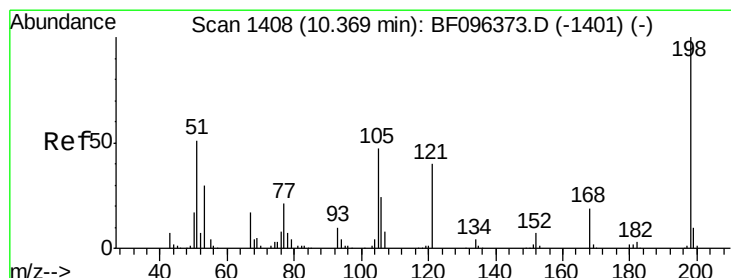
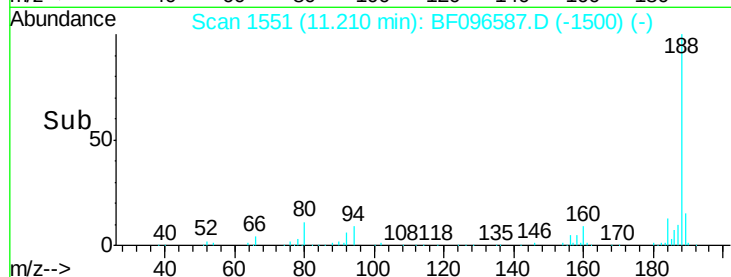
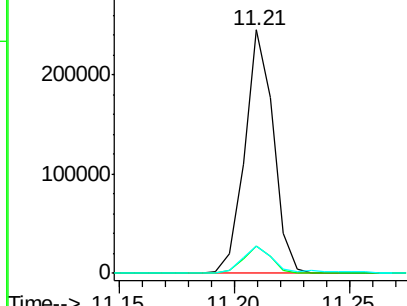
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 4.762 ng

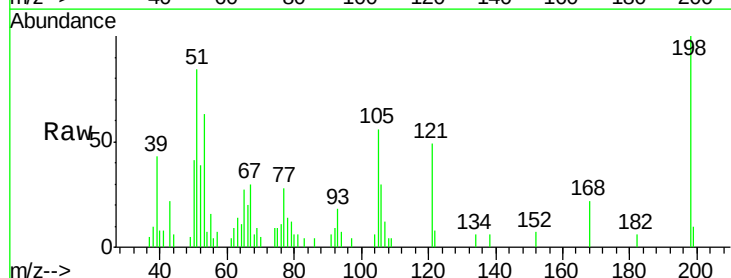
RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

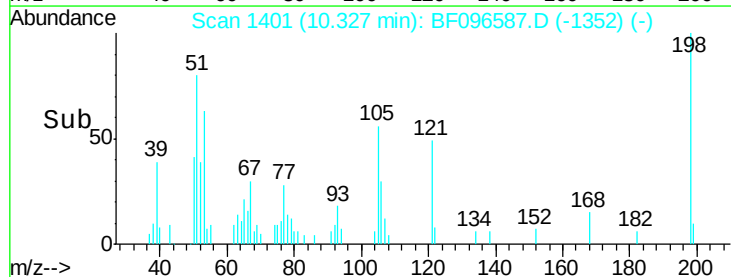
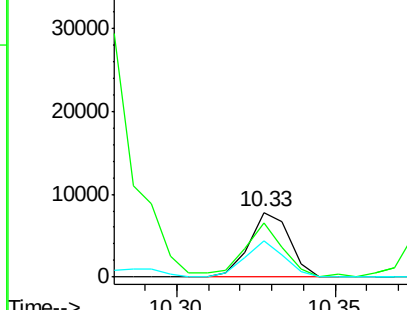
Tgt Ion:	198	Resp:	6935
Ion Ratio	Lower	Upper	
198	100		
51	84.3	53.2	93.2
105	56.2	45.8	85.8

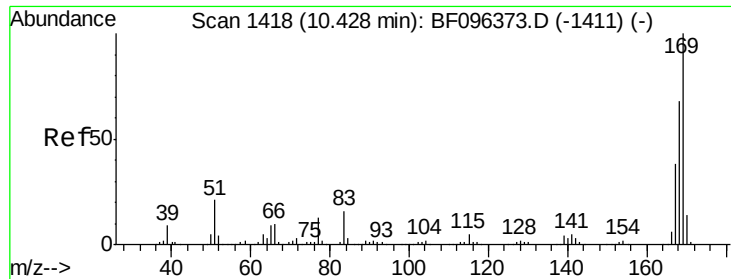


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





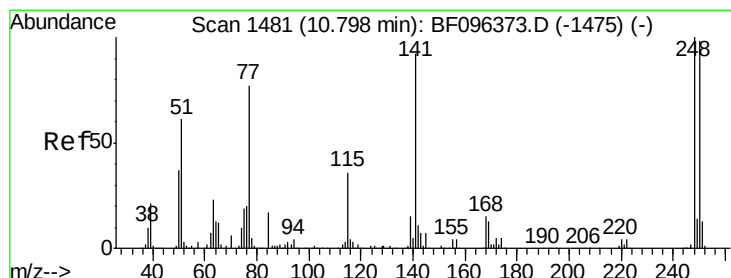
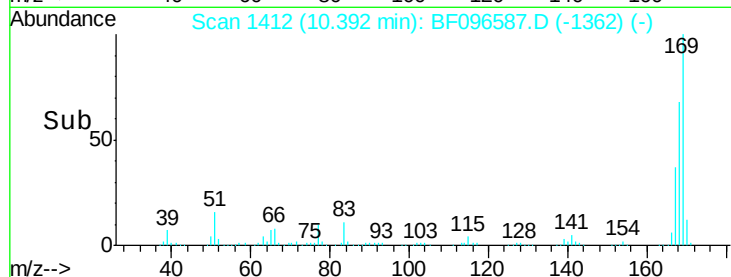
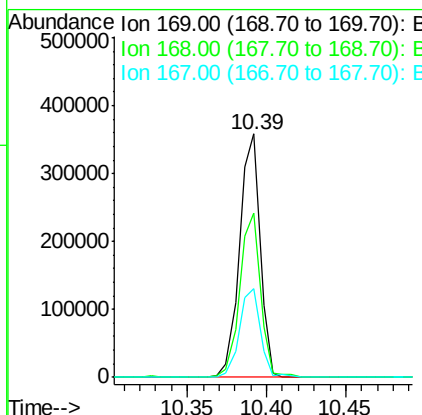
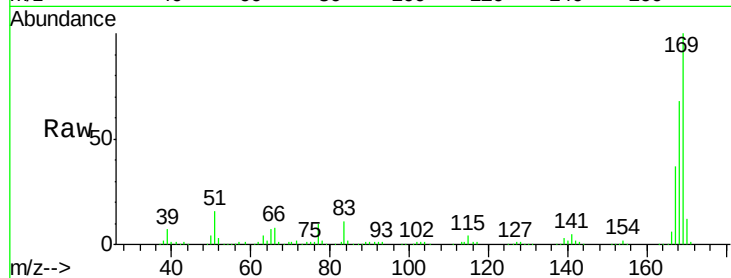
#65
n-Nitrosodiphenylamine
Concen: 43.605 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	323063		
168	67.5	53.2	79.8	
167	36.6	29.5	44.3	

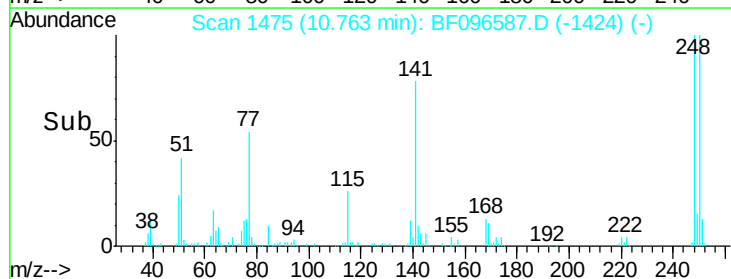
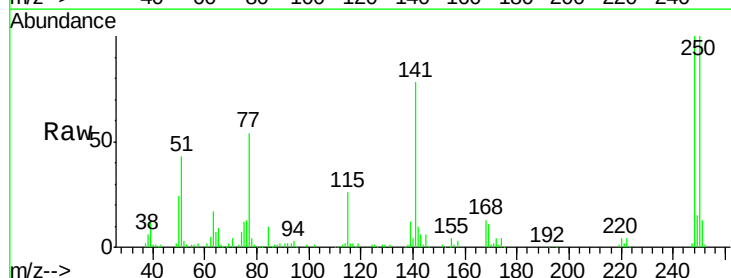
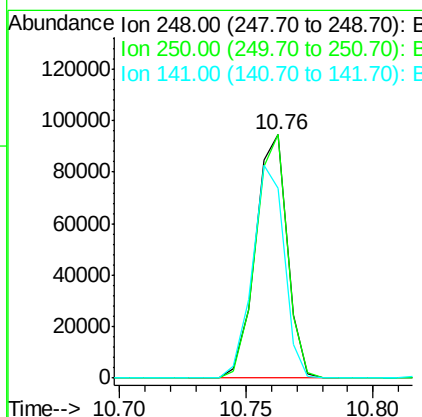
Manual Integrations
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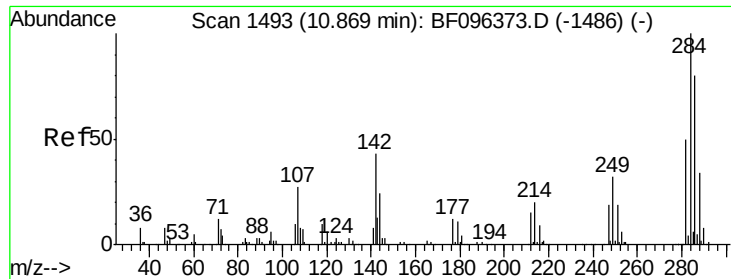
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 40.456 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

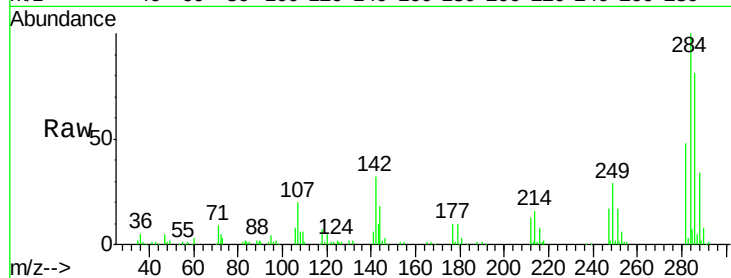
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83160		
250	99.8	76.8	115.2	
141	77.8	68.6	103.0	





#67
Hexachlorobenzene
Concen: 39.430 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

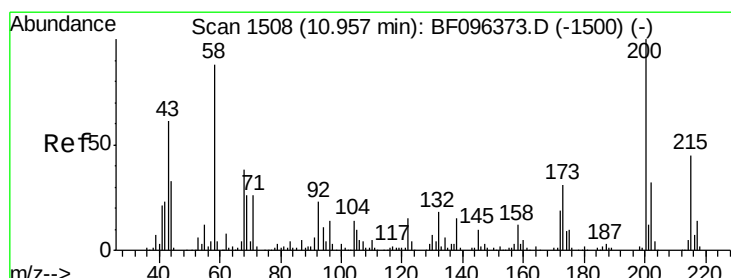
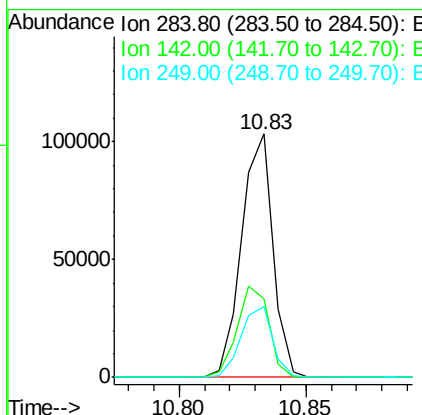
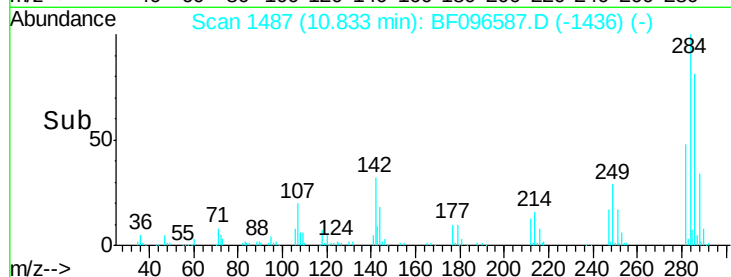
Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD



Tgt Ion: 284 Resp: 88726
Ion Ratio Lower Upper
284 100
142 32.3 22.8 34.2
249 28.9 24.0 36.0

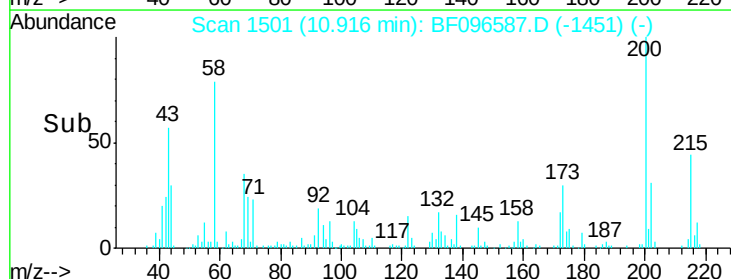
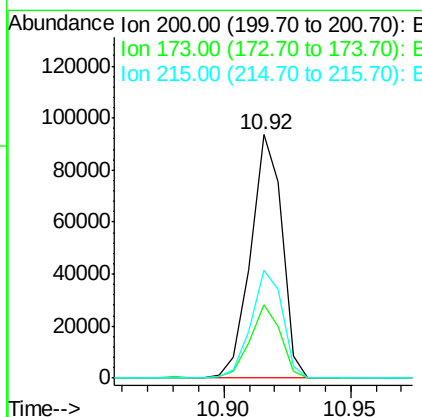
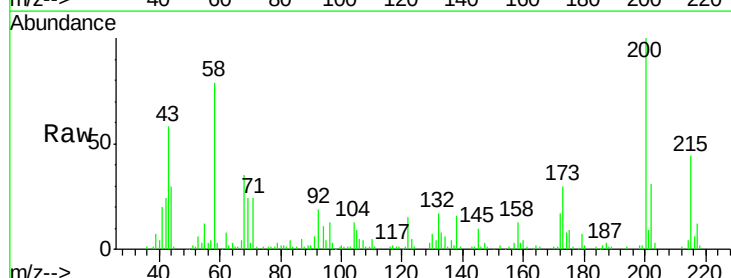
Manual Integrations
APPROVED

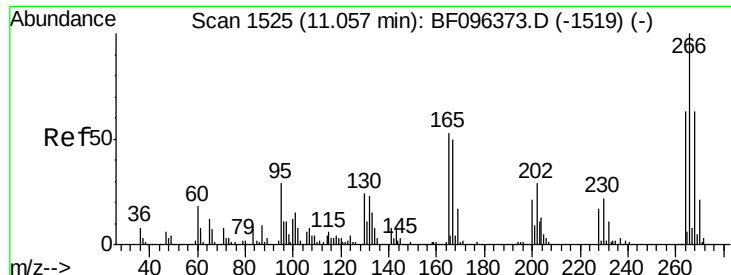
mohammad
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#68
Atrazine
Concen: 38.209 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion: 200 Resp: 80876
Ion Ratio Lower Upper
200 100
173 30.3 6.3 46.3
215 44.1 27.2 67.2





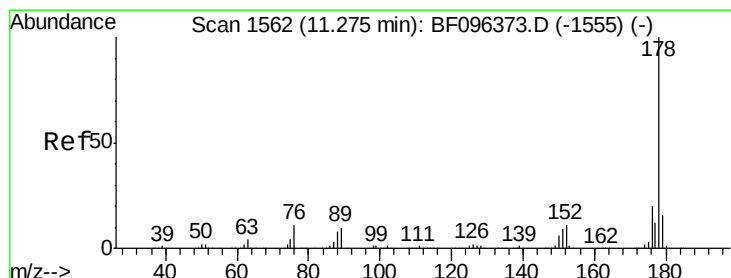
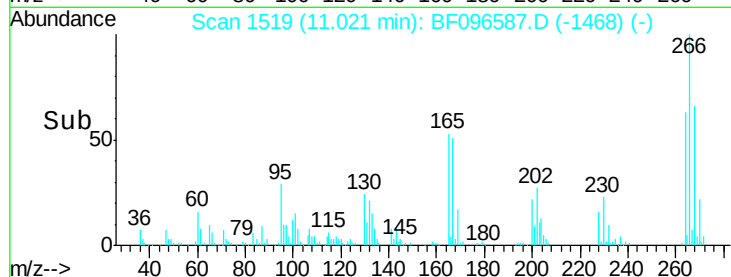
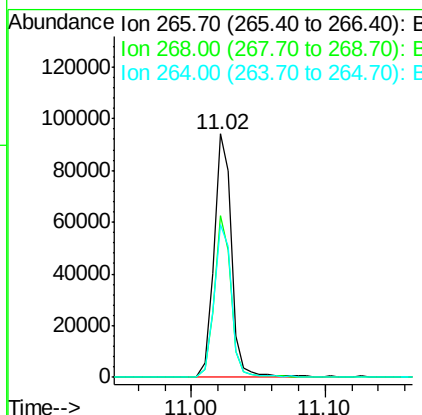
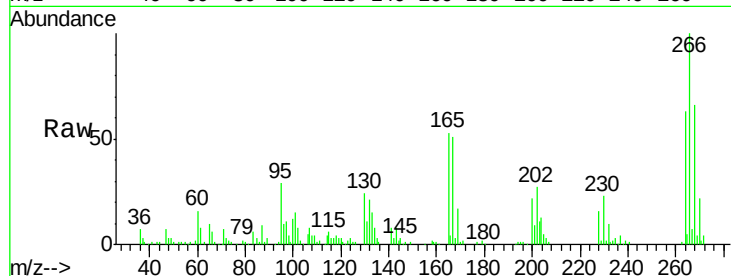
#69
 Pentachlorophenol
 Concen: 65.614 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	62.9	51.7	77.5

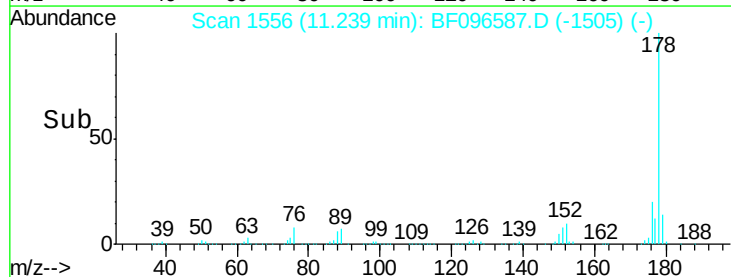
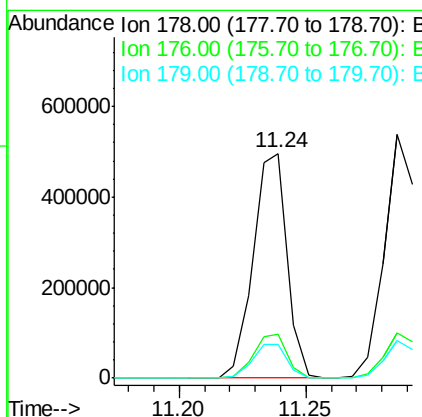
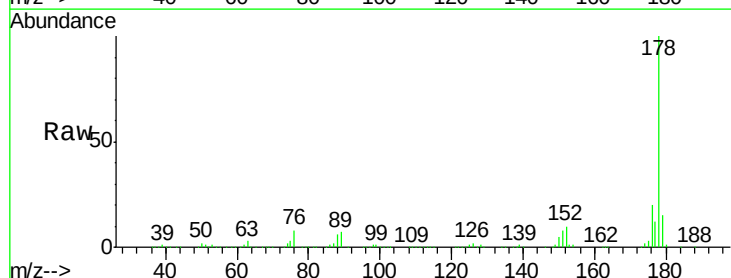
Manual Integrations
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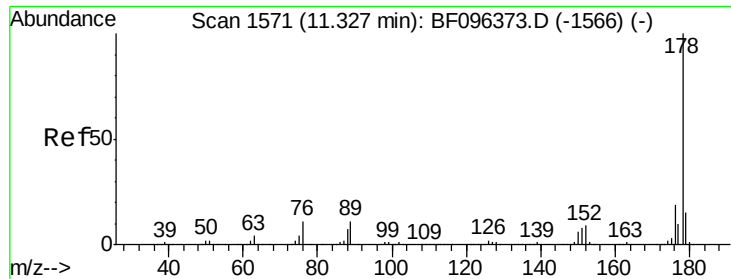
mohammad
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#70
 Phenanthrene
 Concen: 40.344 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	14.8	12.6	19.0





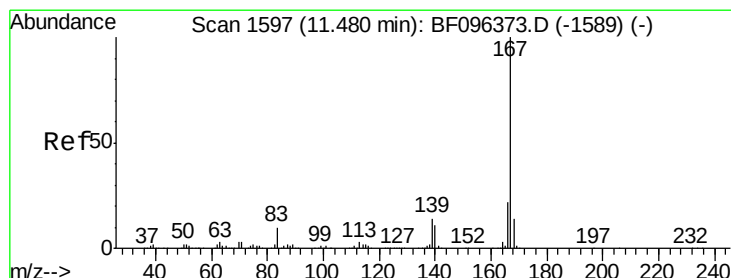
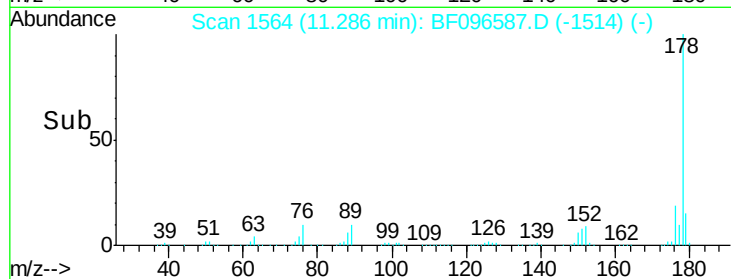
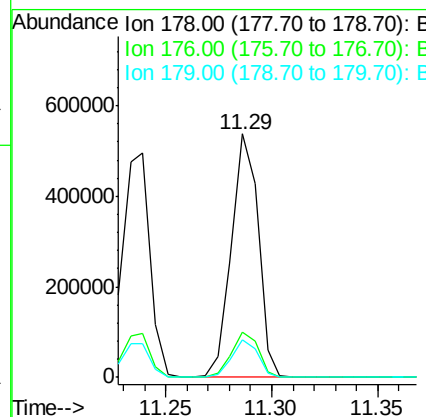
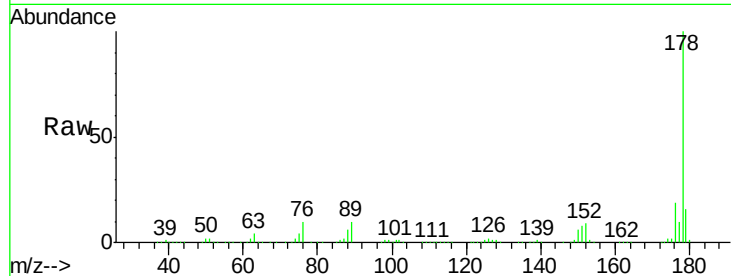
#71
 Anthracene
 Concen: 40.466 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	12.7	19.1

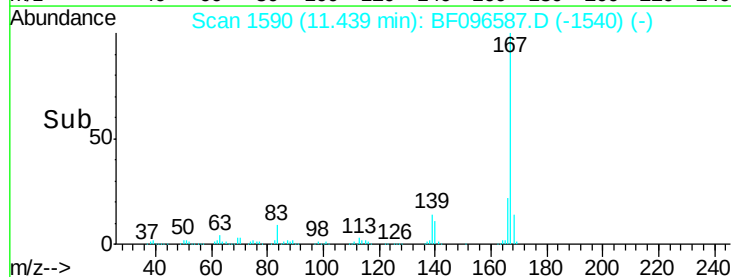
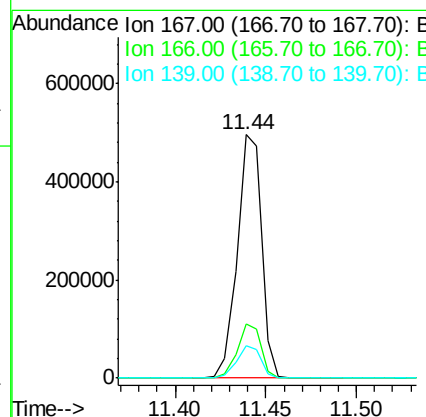
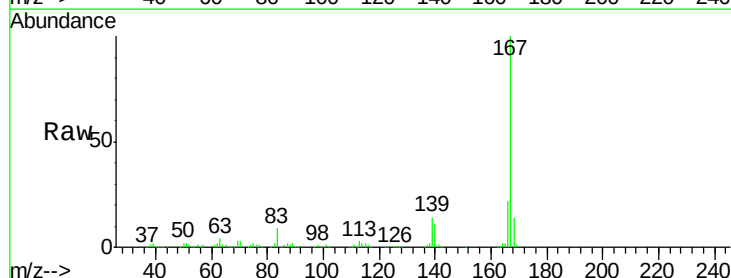
Manual Integrations
 APPROVED

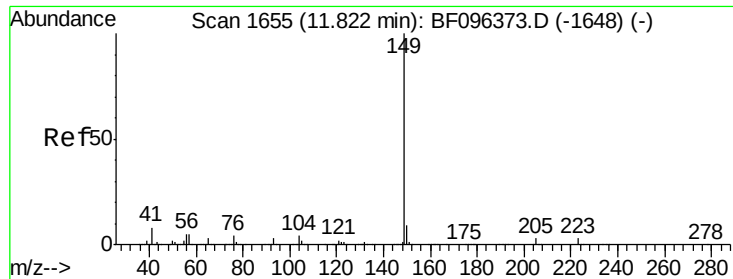
mohammad
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#72
 Carbazole
 Concen: 39.700 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.586 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

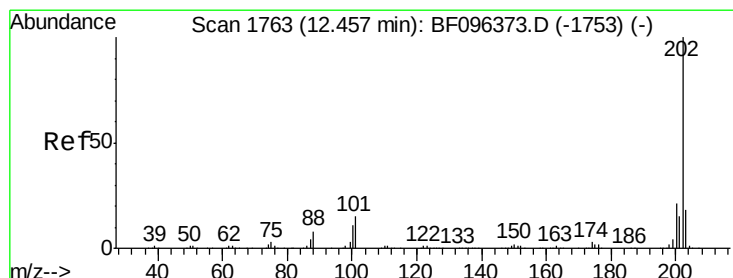
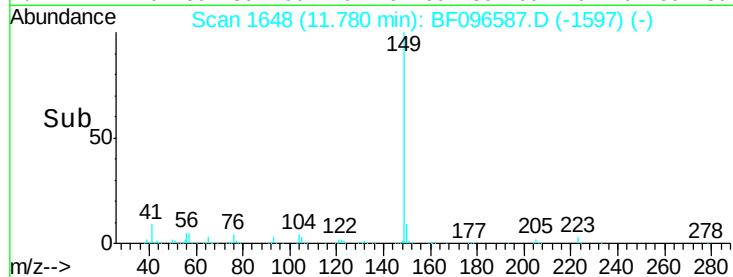
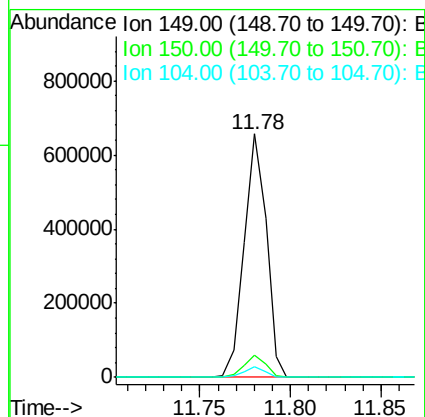
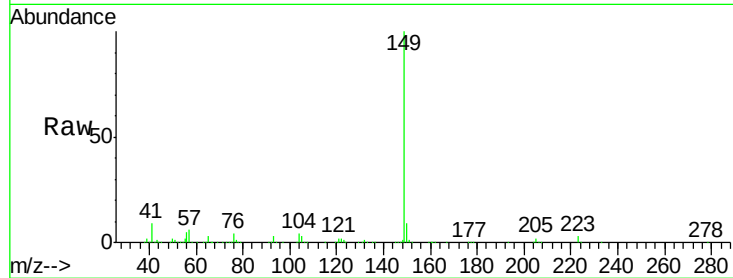
ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion:	149	Resp:	560904
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.877 ng

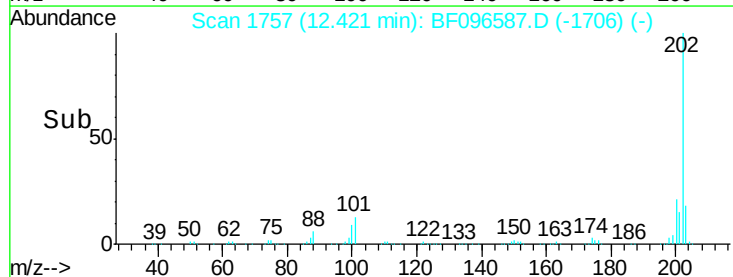
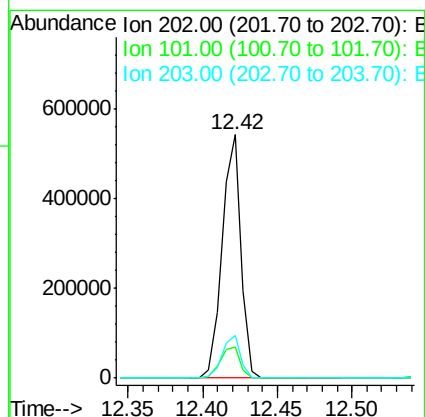
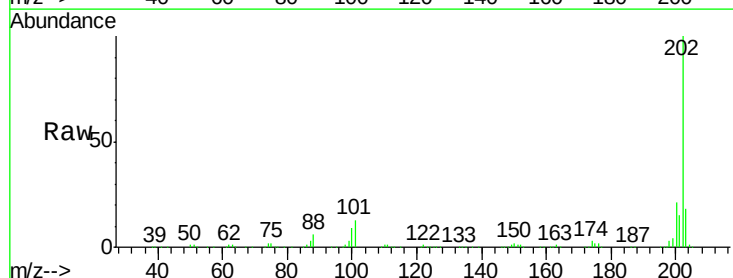
RT: 12.42 min Scan# 1757

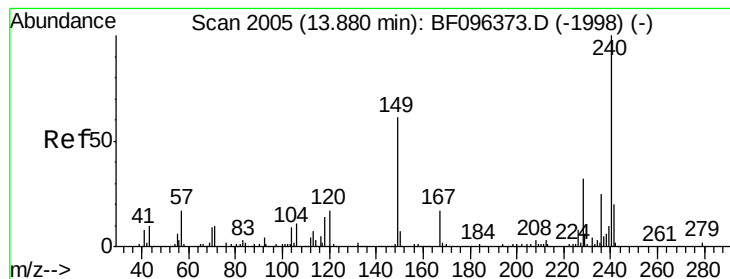
Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion:	202	Resp:	479867
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

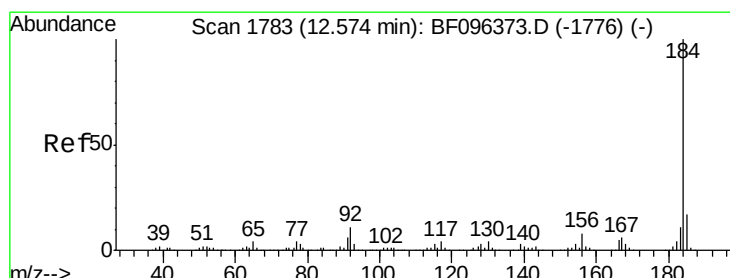
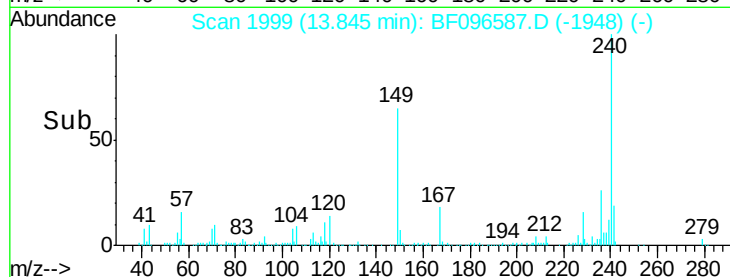
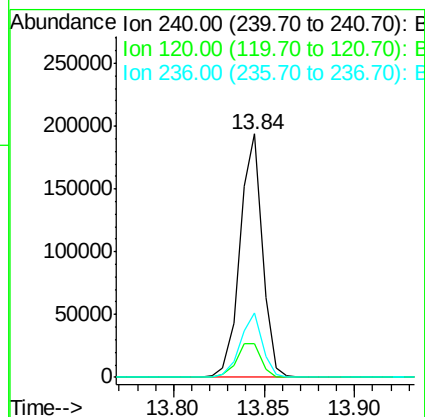
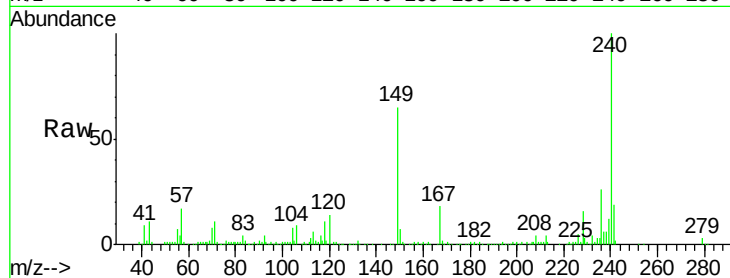
ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion:240 Resp: 166330
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 26.3 20.5 30.7

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#76

Benzidine

Concen: 49.700 ng

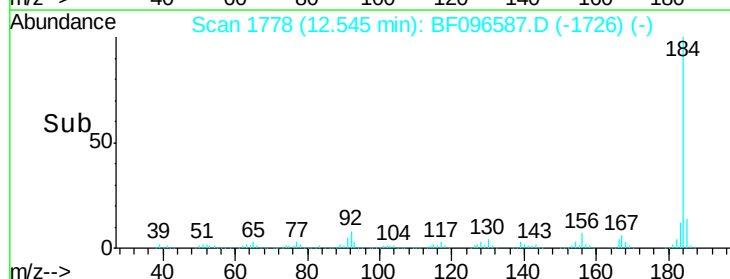
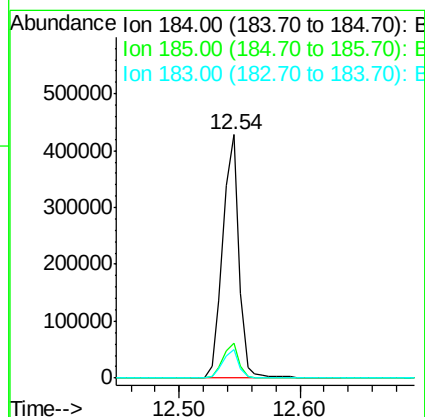
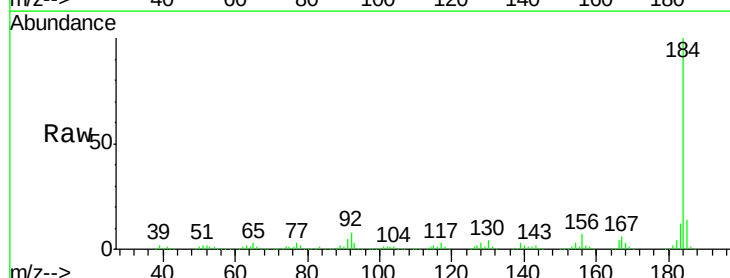
RT: 12.54 min Scan# 1778

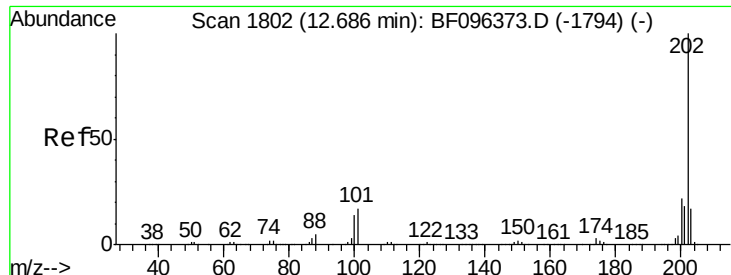
Delta R.T. 0.01 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion:184 Resp: 396658
 Ion Ratio Lower Upper
 184 100
 185 14.3 15.5 23.3#
 183 12.0 9.8 14.6





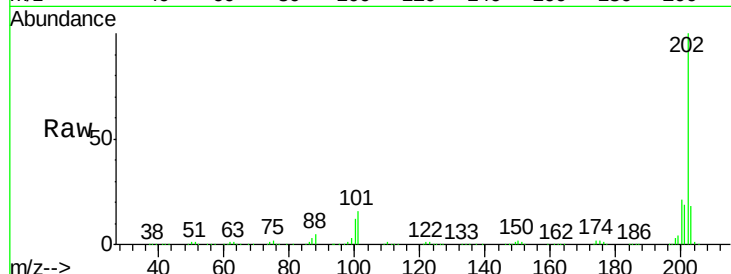
#77
Pyrene
 Concen: 37.593 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

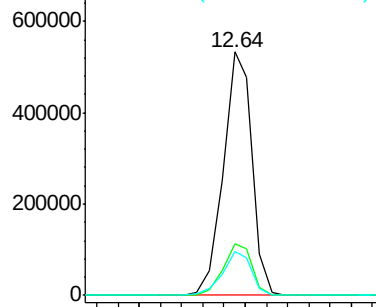
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.6	26.4
203	17.9	14.4	21.6

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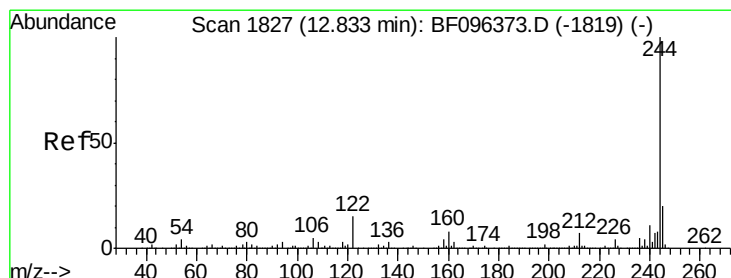
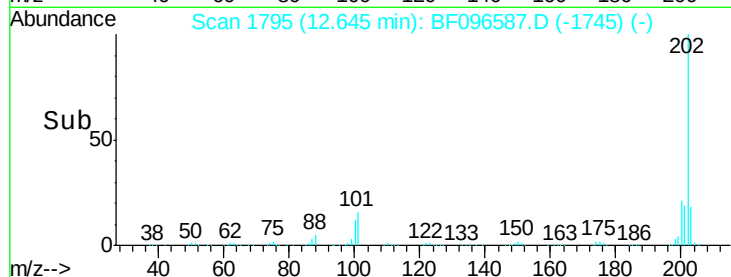
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

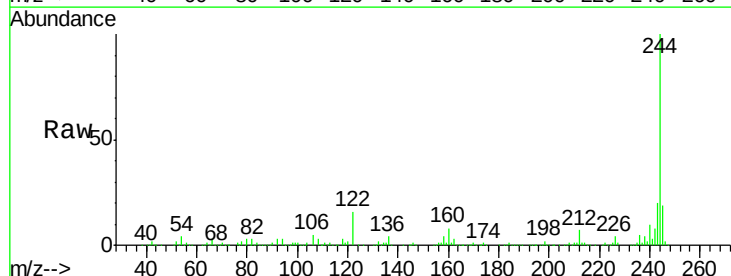


Time--> 12.60 12.65 12.70

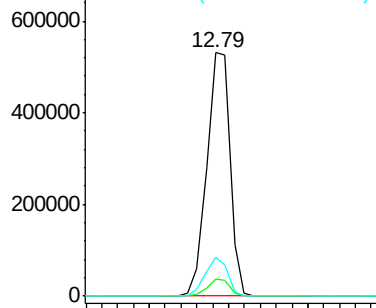


#78
Terphenyl-d14
 Concen: 69.071 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

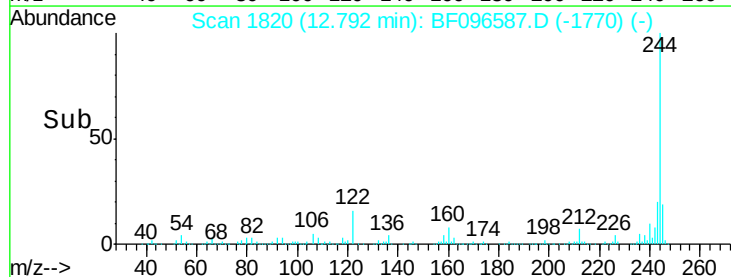
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	6.0	9.0
122	16.1	10.3	15.5

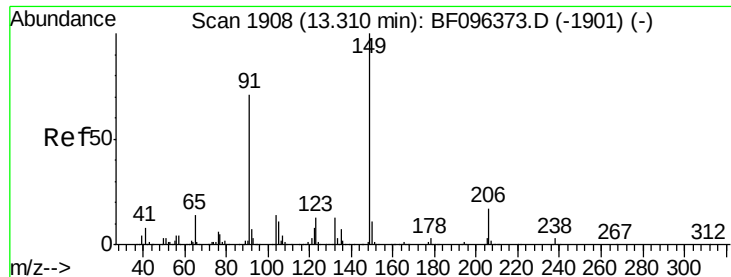


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 12.75 12.80 12.85





#79

Butylbenzylphthalate

Concen: 38.854 ng

RT: 13.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Instrument :

BNA_F

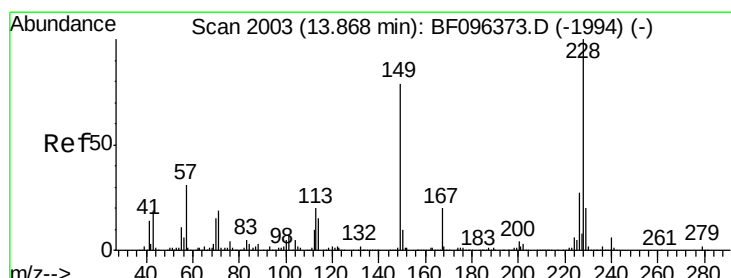
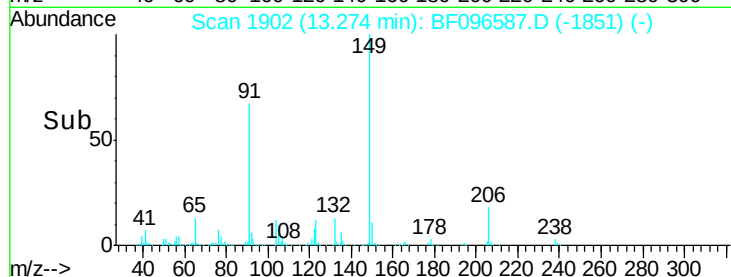
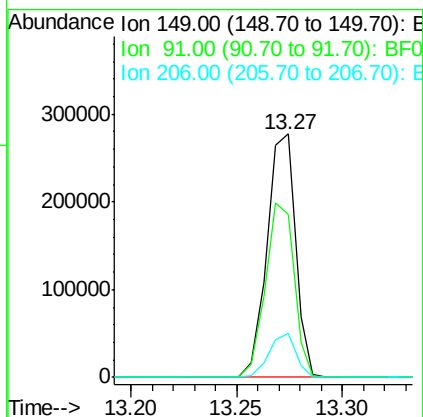
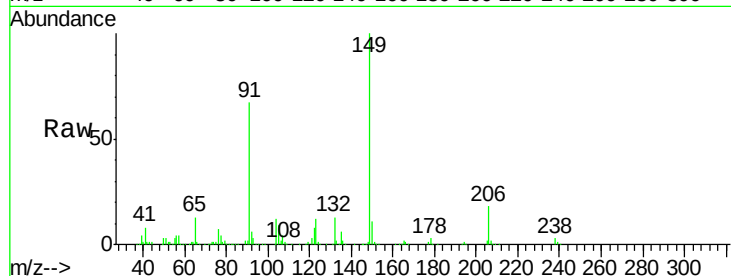
ClientSampleId :

TP8-MH2104-COMPMSD

Tgt Ion:	149	Resp:	262593
Ion Ratio	Lower	Upper	
149	100		
91	66.9	45.0	67.4
206	18.0	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 39.636 ng

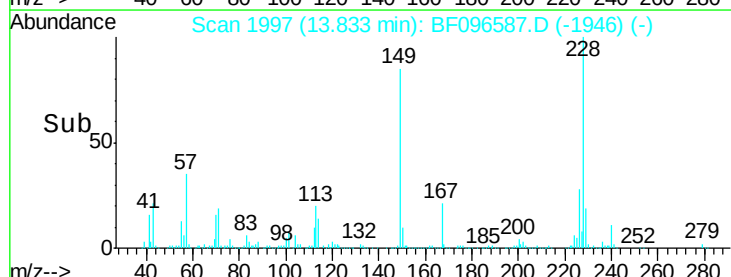
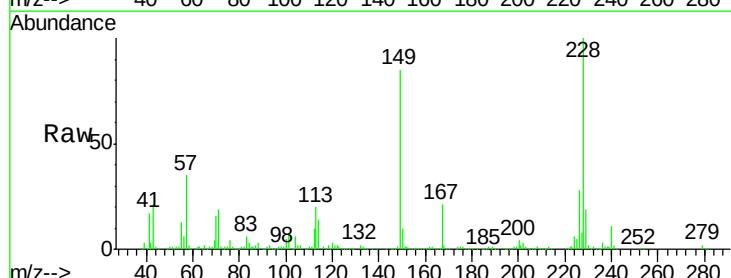
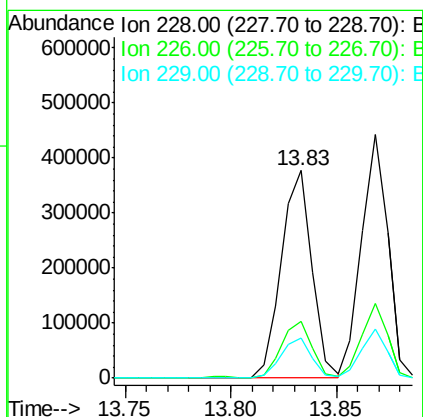
RT: 13.83 min Scan# 1997

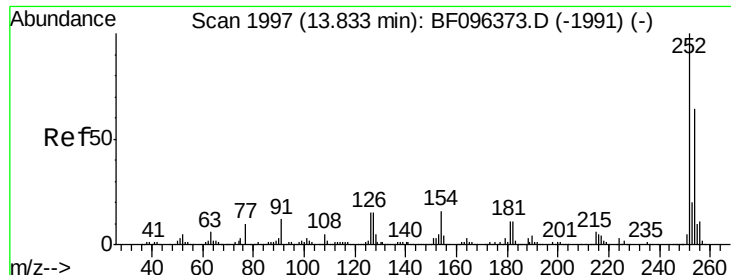
Delta R.T. -0.00 min

Lab File: BF096587.D

Acq: 8 Jul 2017 4:19

Tgt Ion:	228	Resp:	381775
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	19.4	16.3	24.5





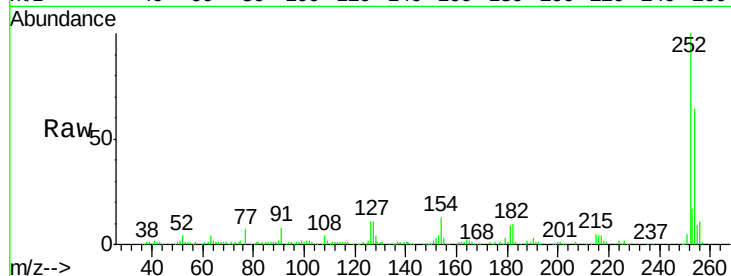
#81
 3,3'-Dichlorobenzidine
 Concen: 39.395 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

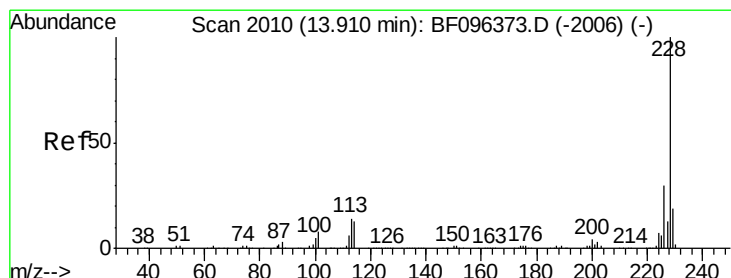
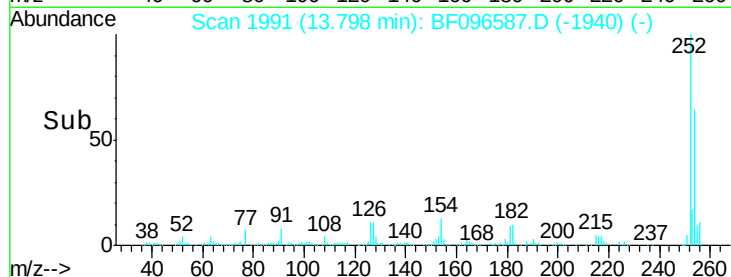
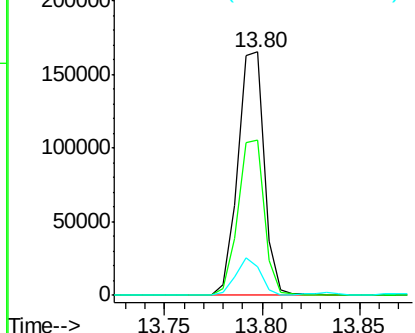
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	51.5	77.3
126	11.5	15.8	23.8

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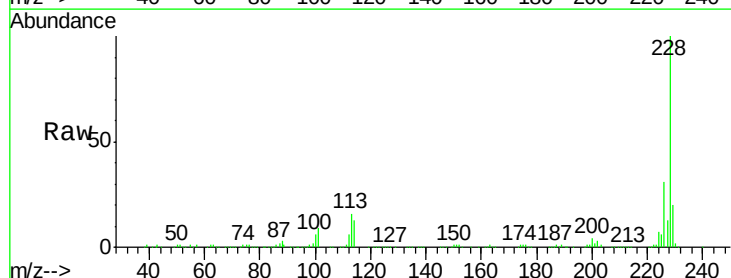


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

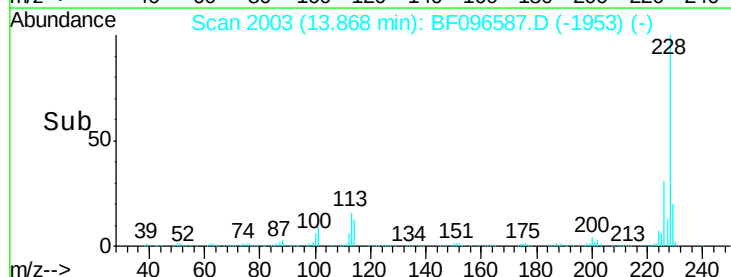
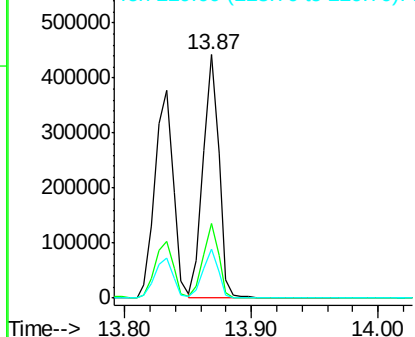


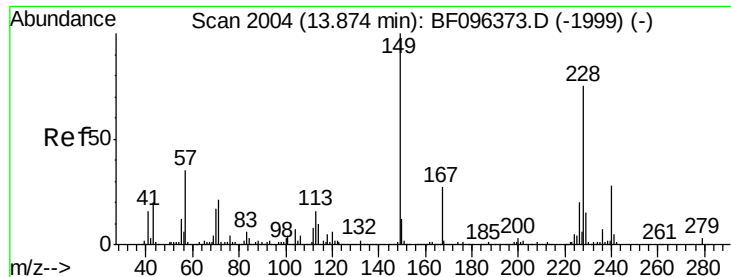
#82
 Chrysene
 Concen: 38.183 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





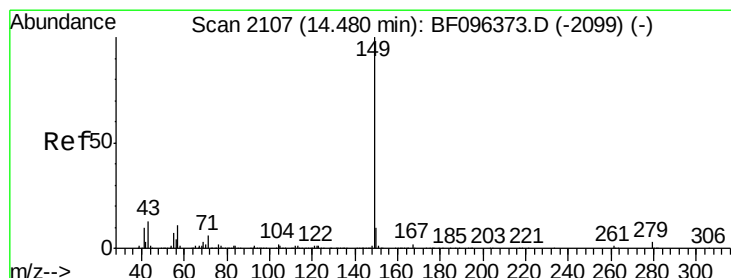
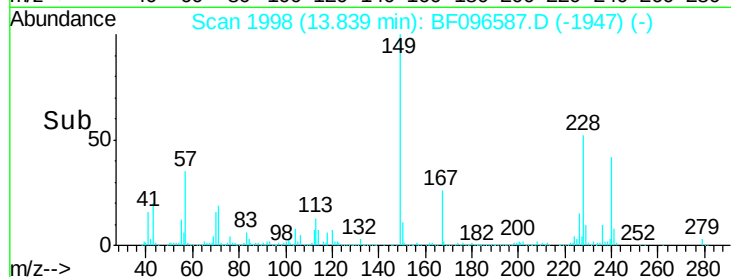
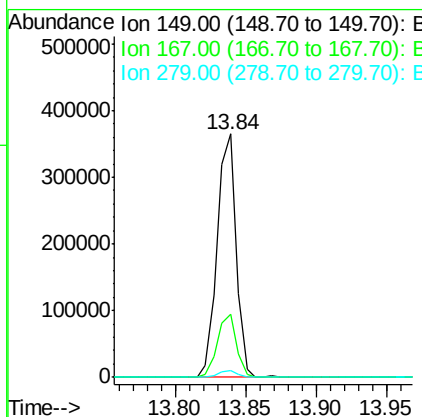
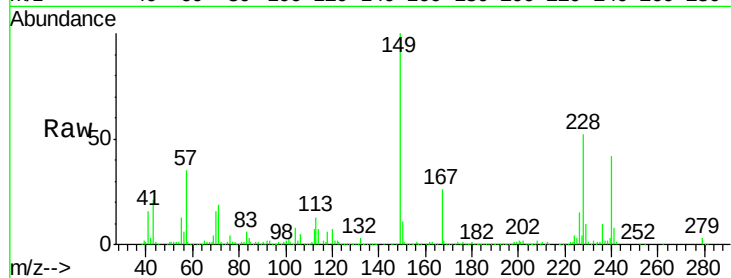
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.601 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	344014		
167	26.0	21.0	31.4	
279	2.9	1.9	2.9#	

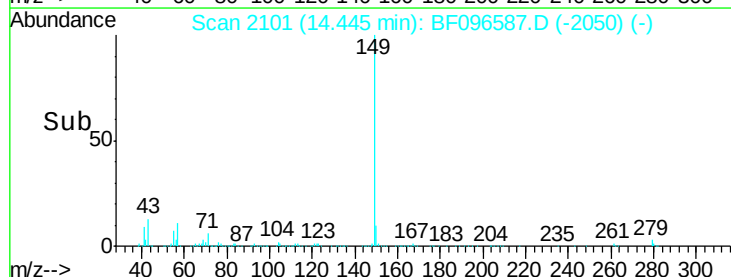
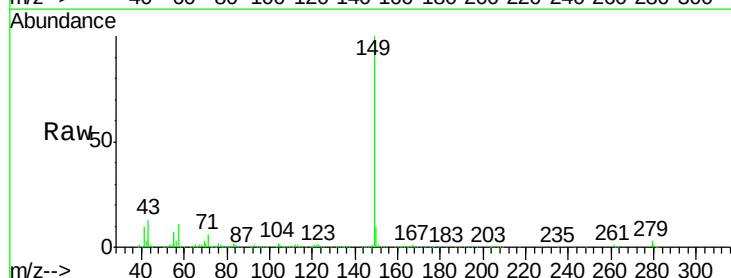
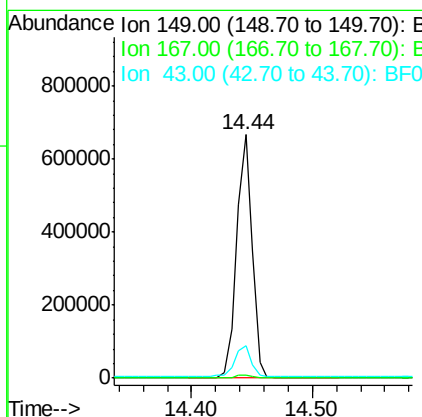
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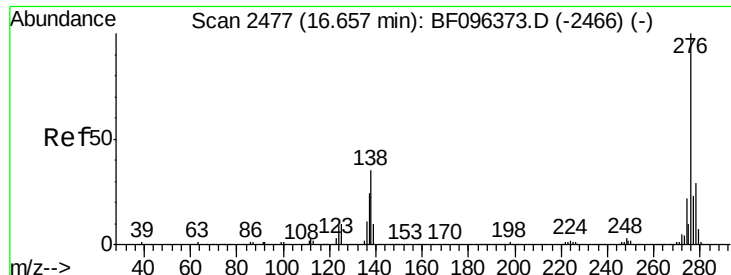
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#84
 Di-n-octyl phthalate
 Concen: 40.083 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	595471		
167	1.6	1.2	1.8	
43	13.6	8.5	12.7#	





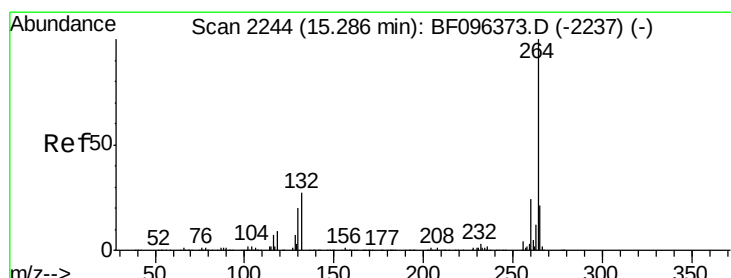
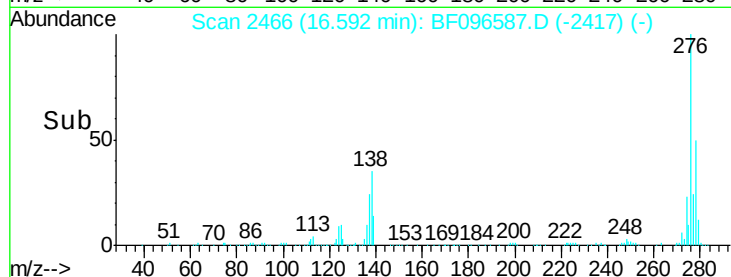
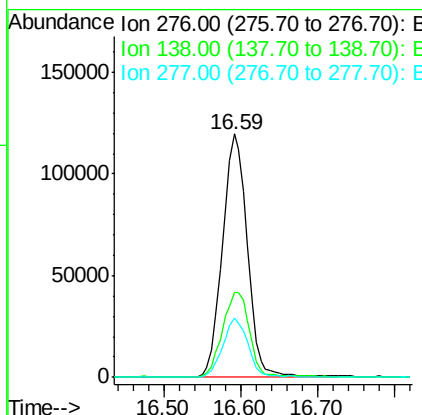
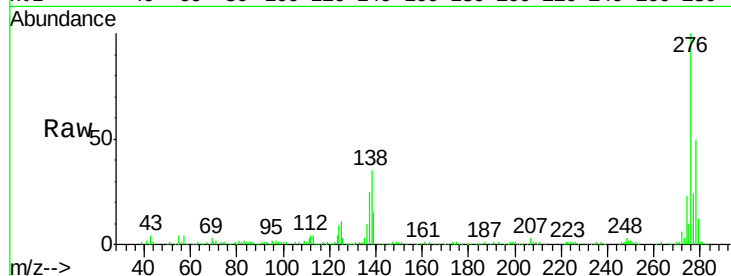
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.988 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.6	27.8	41.6
277	24.7	20.2	30.4

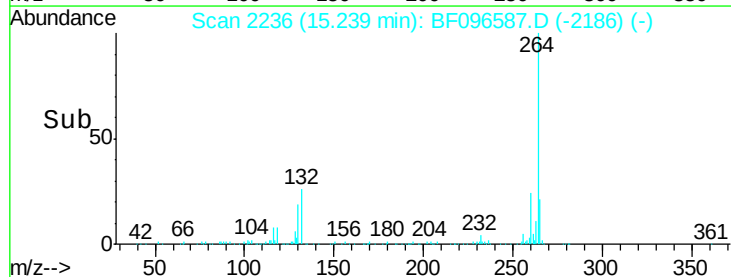
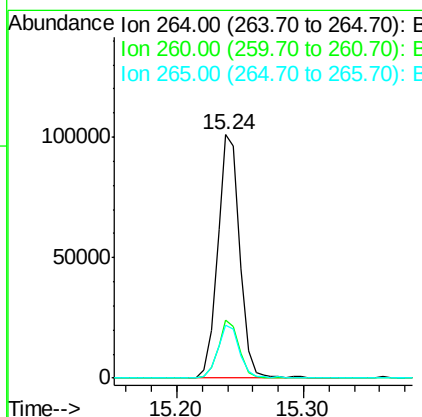
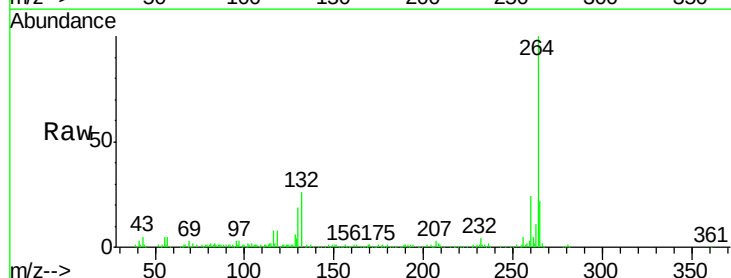
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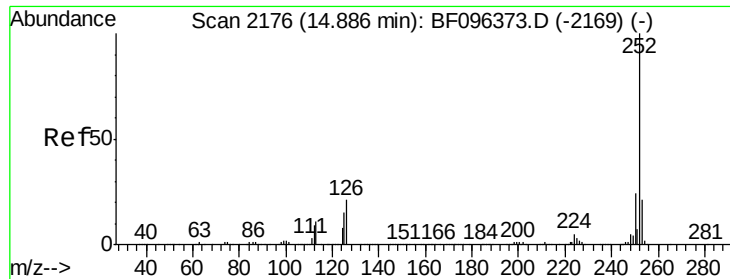
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8





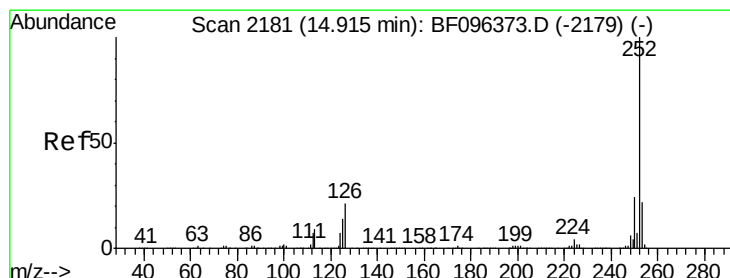
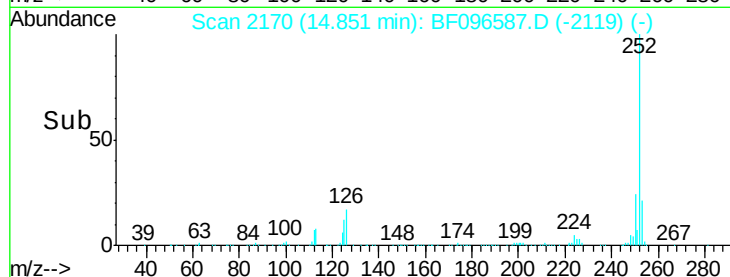
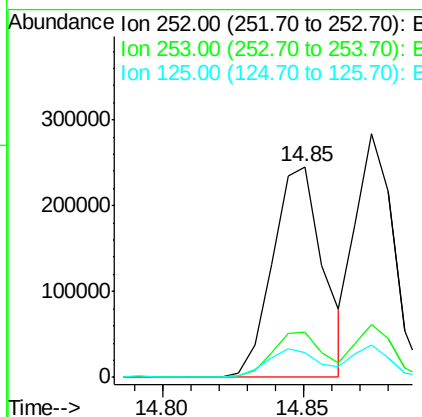
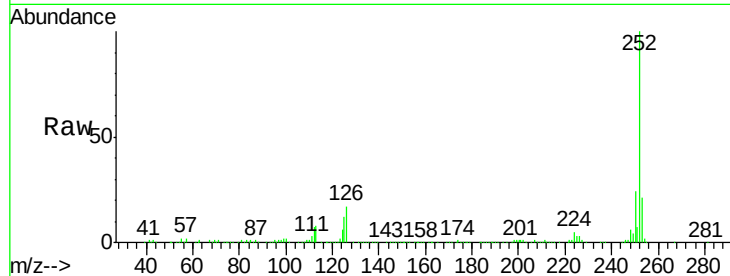
#87
Benzo(b)fluoranthene
Concen: 39.830 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	11.9	9.8	14.8

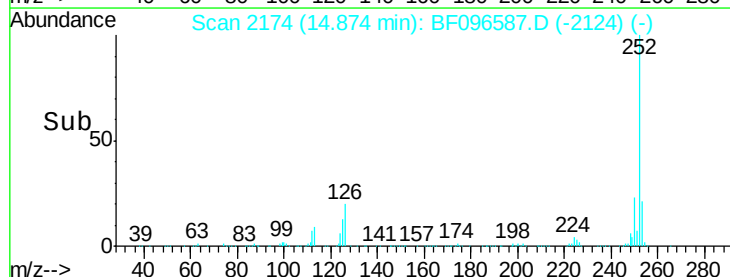
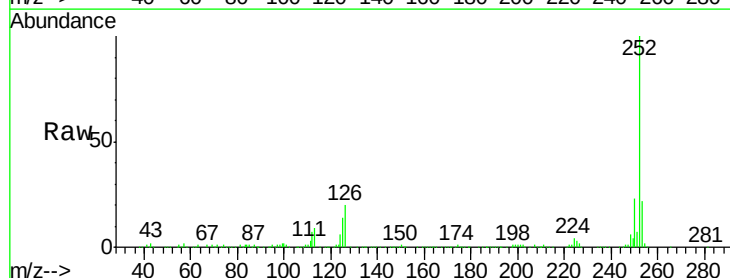
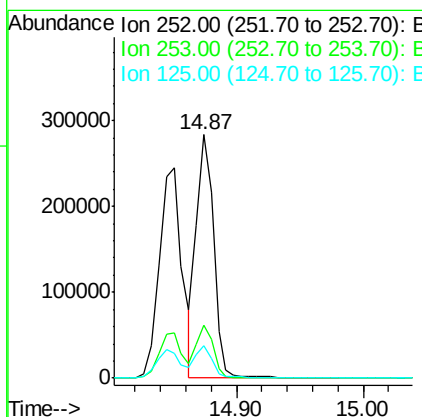
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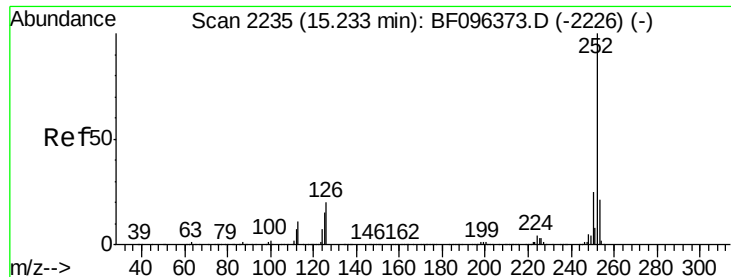
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#88
Benzo(k)fluoranthene
Concen: 38.777 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.5	13.1	19.7





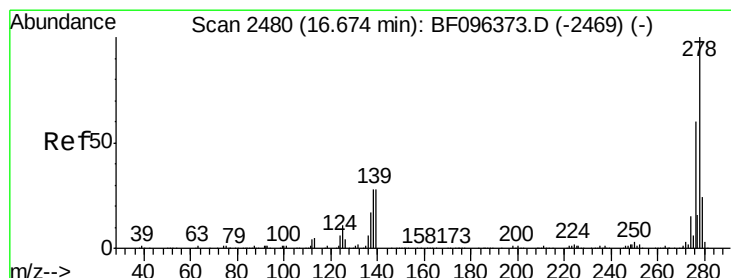
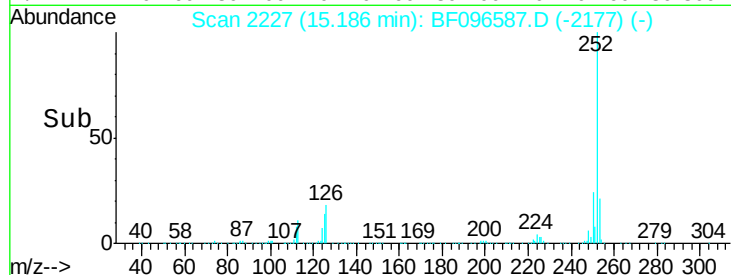
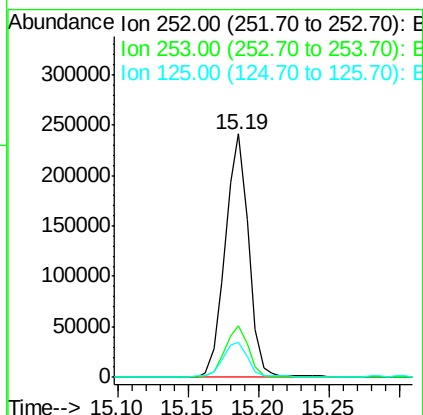
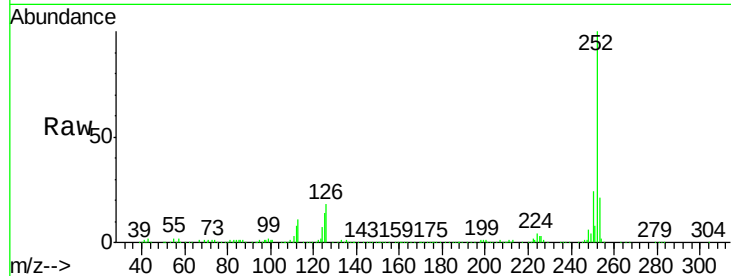
#89
Benzo(a)pyrene
Concen: 40.685 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	14.4	11.0	16.4

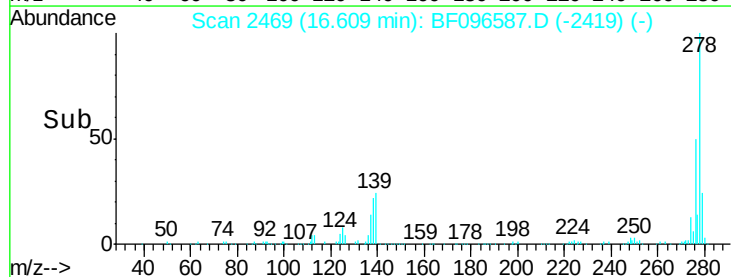
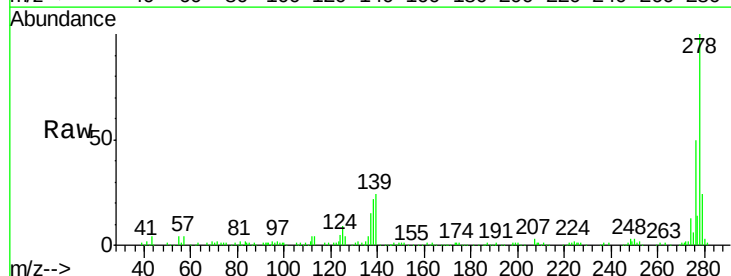
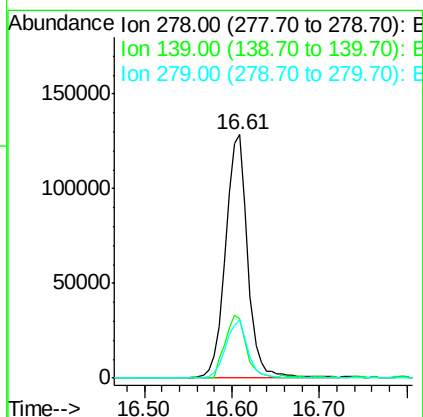
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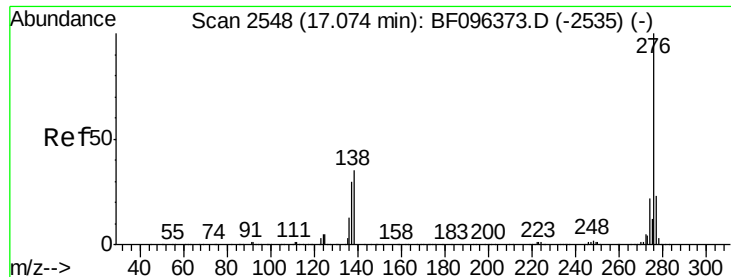
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#90
Dibenzo(a,h)anthracene
Concen: 41.772 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF096587.D
Acq: 8 Jul 2017 4:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	23.7	19.3	28.9





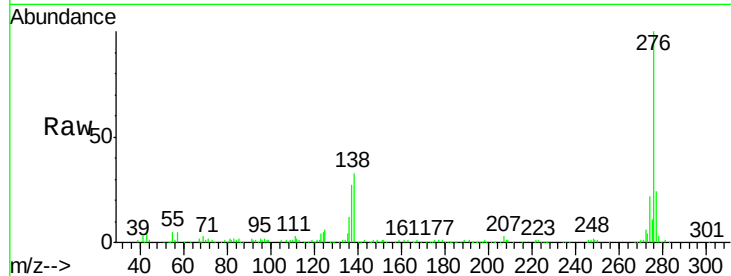
#91
 Benzo(g,h,i)perylene
 Concen: 38.604 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF096587.D
 Acq: 8 Jul 2017 4:19

Instrument :
 BNA_F
 ClientSampleId :
 TP8-MH2104-COMPMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.4	18.6	28.0		
138	33.1	25.4	38.0		

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

