

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096605.D
 Acq On : 10 Jul 2017 17:12
 Operator : SJ/JU
 Sample : PB100517BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Manual Integrations
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mohammad
 7/11/2017 1:35:22 PM

Quant Time: Jul 11 03:20:19 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	6.69	152	114891	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	479089	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	207183	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	328499	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	179154	20.00	ng	-0.02
86) Perylene-d12	15.22	264	181368	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	880321	113.09	ng	0.00
7) Phenol-d6	6.33	99	1065366	111.33	ng	-0.01
23) Nitrobenzene-d5	7.25	82	642827	80.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	214175	132.34	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1135548	93.71	ng	-0.02
78) Terphenyl-d14	12.78	244	752177	89.72	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	110569	29.96	ng	# 76
3) Pyridine	3.08	79	311974	30.81	ng	# 61
4) n-Nitrosodimethylamine	3.02	42	186181	37.25	ng	# 83
6) Aniline	6.35	93	373424	30.19	ng	# 86
8) 2-Chlorophenol	6.47	128	328390	39.56	ng	98
9) Benzaldehyde	6.23	77	182636	30.50	ng	100
10) Phenol	6.35	94	395267	36.26	ng	83
11) bis(2-Chloroethyl)ether	6.43	93	319242	37.89	ng	94
12) 1,3-Dichlorobenzene	6.63	146	347750	39.95	ng	99
13) 1,4-Dichlorobenzene	6.70	146	356472	40.98	ng	96
14) 1,2-Dichlorobenzene	6.86	146	325857	40.80	ng	97
15) Benzyl Alcohol	6.83	79	268670	42.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	681697	39.80	ng	92
17) 2-Methylphenol	6.95	107	266773	40.33	ng	99
18) Hexachloroethane	7.20	117	127014	40.27	ng	# 82
19) n-Nitroso-di-n-propylamine	7.11	70	219428	38.49	ng	# 85
20) 3+4-Methylphenols	7.10	107	318088	43.11	ng	# 82
22) Acetophenone	7.10	105	435577	41.61	ng	# 93
24) Nitrobenzene	7.27	77	330655	39.53	ng	91
25) Isophorone	7.51	82	604513	39.11	ng	96
26) 2-Nitrophenol	7.59	139	187363	42.32	ng	91
27) 2,4-Dimethylphenol	7.63	122	311293	41.30	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	414248	40.60	ng	99
29) 2,4-Dichlorophenol	7.83	162	275435	42.35	ng	96
30) 1,2,4-Trichlorobenzene	7.91	180	264262	43.08	ng	98
31) Naphthalene	7.99	128	958131	42.36	ng	99
32) Benzoic acid	7.76	122	210364	33.23	ng	94
33) 4-Chloroaniline	8.03	127	220218	23.44	ng	96
34) Hexachlorobutadiene	8.12	225	136564	43.40	ng	98
35) Caprolactam	8.41	113	93898m	41.87	ng	
36) 4-Chloro-3-methylphenol	8.53	107	290590	40.38	ng	87
37) 2-Methylnaphthalene	8.68	142	649626	45.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	215864	40.13	ng	99
40) Hexachlorocyclopentadiene	8.84	237	239614	91.61	ng	98

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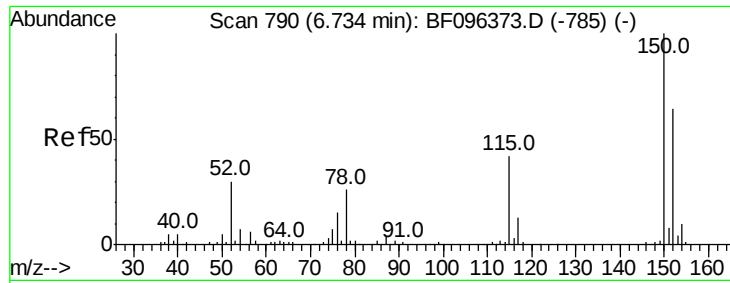
Manual Integrations
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Quant Time: Jul 11 03:20:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	174495	41.00	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	184535	43.86	nq	# 94
45) 1,1'-Biphenyl	9.15	154	715782	40.32	nq	98
46) 2-Chloronaphthalene	9.17	162	564631	42.68	nq	94
47) 2-Nitroaniline	9.26	65	196934	40.91	nq	91
48) Acenaphthylene	9.58	152	885136	42.22	nq	99
49) Dimethylphthalate	9.45	163	654200	42.30	nq	98
50) 2,6-Dinitrotoluene	9.50	165	145709	42.60	nq	# 82
51) Acenaphthene	9.75	154	516145	39.95	nq	99
52) 3-Nitroaniline	9.67	138	103775	24.33	nq	93
53) 2,4-Dinitrophenol	9.78	184	136677	75.24	nq	# 77
54) Dibenzofuran	9.93	168	764071	44.79	nq	98
55) 4-Nitrophenol	9.85	139	237281	67.11	nq	# 70
56) 2,4-Dinitrotoluene	9.91	165	185714	42.88	nq	# 81
57) Fluorene	10.27	166	542256	45.01	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.05	232	136782	46.98	nq	99
59) Diethylphthalate	10.15	149	622071	42.55	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	233381	44.52	nq	96
61) 4-Nitroaniline	10.28	138	154470	39.82	nq	91
62) Azobenzene	10.42	77	609152	43.09	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	93745	41.38	nq	92
65) n-Nitrosodiphenylamine	10.38	169	512749	44.49	nq	97
66) 4-Bromophenyl-phenylether	10.75	248	149136	46.64	nq	98
67) Hexachlorobenzene	10.82	284	155069	44.30	nq	# 90
68) Atrazine	10.90	200	146379	44.45	nq	94
69) Pentachlorophenol	11.01	266	156300	75.34	nq	96
70) Phenanthrene	11.22	178	790107	44.49	nq	98
71) Anthracene	11.27	178	811639	44.85	nq	99
72) Carbazole	11.43	167	745193	40.95	nq	98
73) Di-n-butylphthalate	11.76	149	902068	40.92	nq	99
74) Fluoranthene	12.40	202	714656	41.05	nq	99
76) Benzidine	12.52	184	304832	35.46	nq	# 92
77) Pyrene	12.63	202	726148	50.50	nq	100
79) Butylbenzylphthalate	13.25	149	317767	43.65	nq	# 77
80) Benzo(a)anthracene	13.81	228	485139	46.76	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	130184	30.55	nq	98
82) Chrysene	13.85	228	489435	45.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	357517	44.00	nq	99
84) Di-n-octyl phthalate	14.43	149	653482	40.84	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.56	276	549528	64.08	nq	98
87) Benzo(b)fluoranthene	14.83	252	461929	40.65	nq	98
88) Benzo(k)fluoranthene	14.85	252	423336	41.64	nq	98
89) Benzo(a)pyrene	15.16	252	453487	44.70	nq	98
90) Dibenzo(a,h)anthracene	16.57	278	444538	55.69	nq	97
91) Benzo(g,h,i)perylene	16.96	276	488929	59.11	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

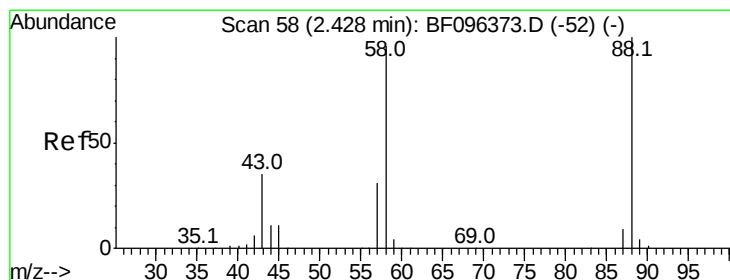
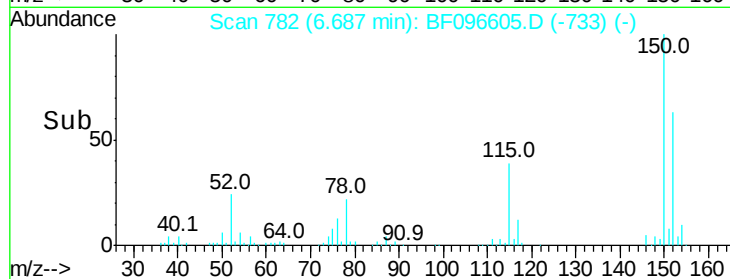
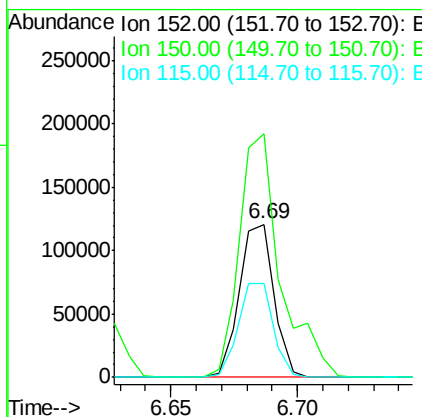
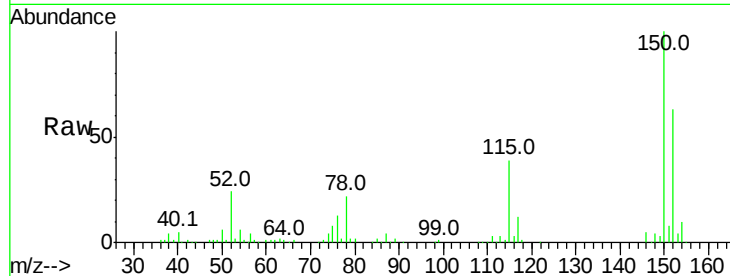
ClientSampled :

PB100517BS

Tot Ion:	152	Resp:	114891
Ion Ratio	Lower	Upper	
152	100		
150	159.2	126.2	189.2
115	61.4	52.2	78.2

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#2

1,4-Dioxane

Concen: 29.96 ng

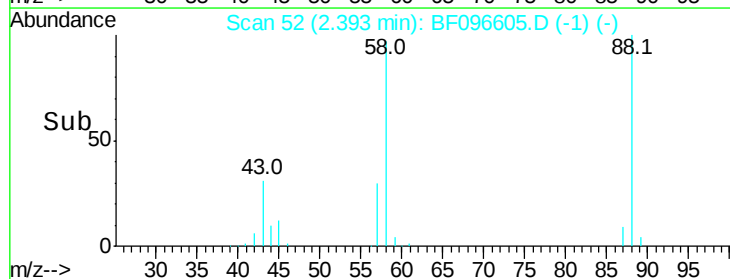
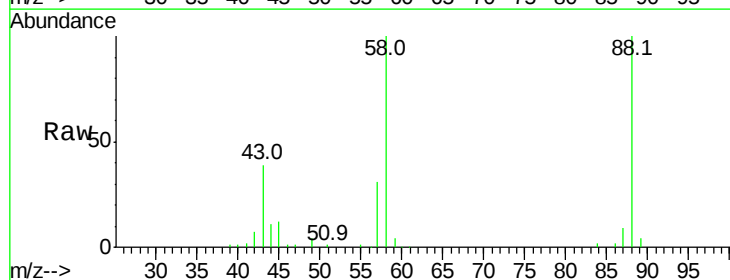
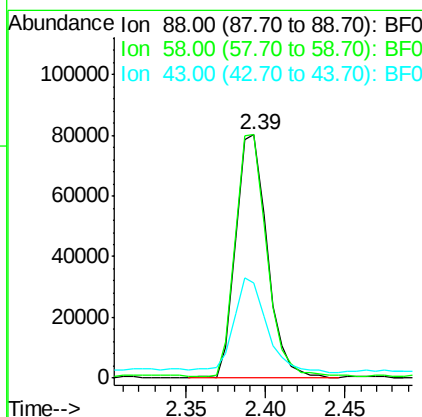
RT: 2.39 min Scan# 52

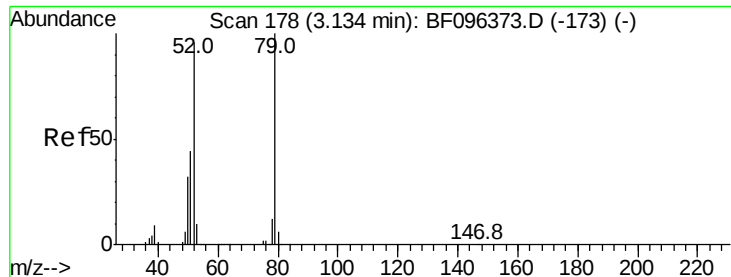
Delta R.T. 0.03 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:	88	Resp:	110569
Ion Ratio	Lower	Upper	
88	100		
58	98.5	61.4	92.0#
43	40.6	23.4	35.0#





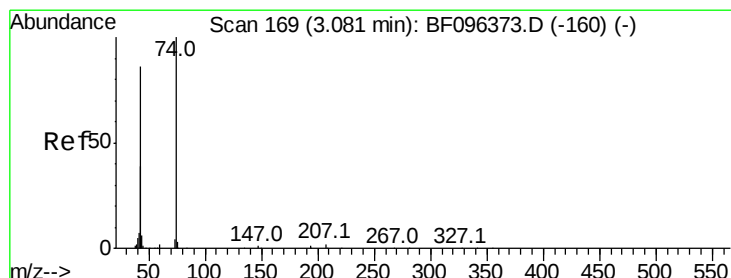
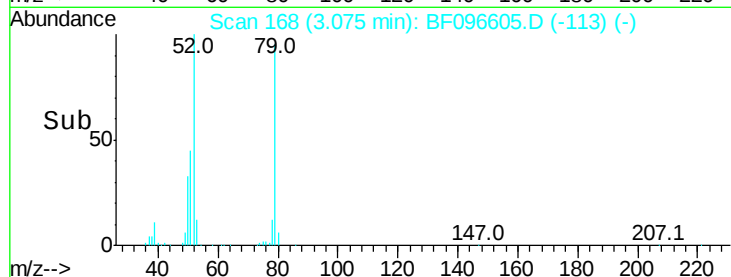
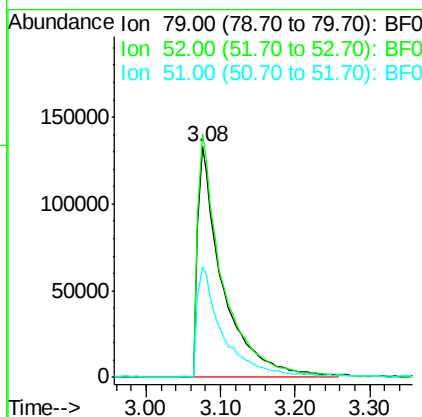
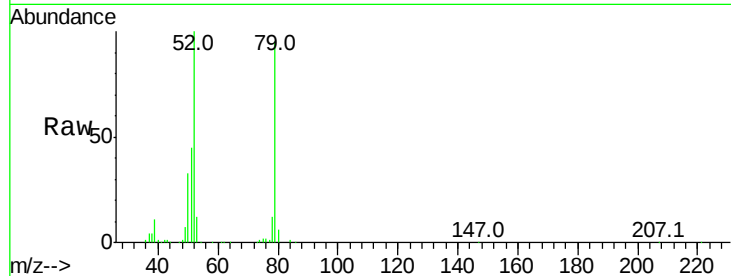
#3
Pvridine
Concen: 30.81 ng
RT: 3.08 min Scan# 168
Delta R.T. 0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	105.6	54.8	82.2#
51	48.0	27.0	40.4#

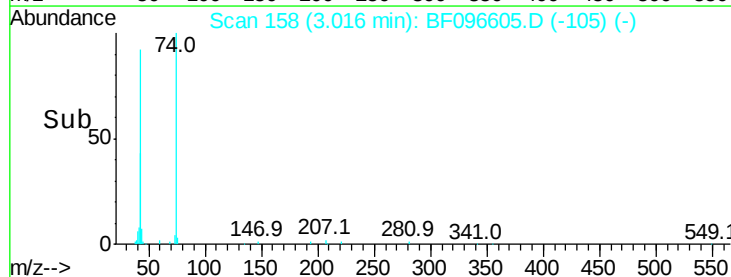
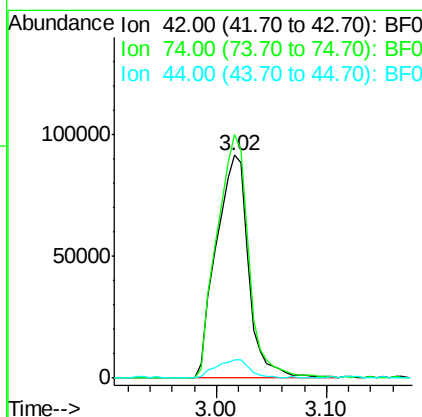
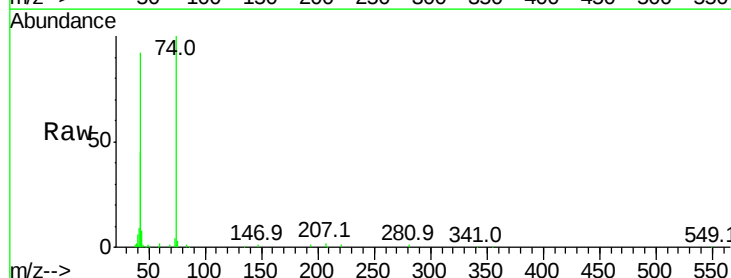
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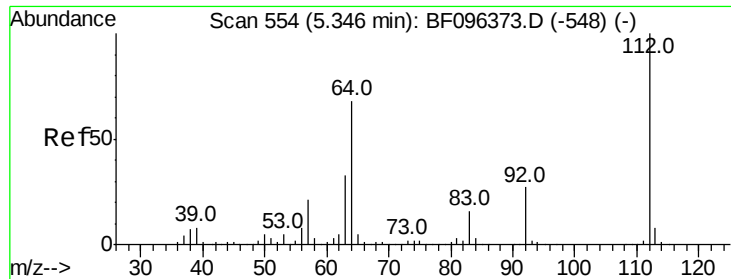
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#4
n-Nitrosodimethylamine
Concen: 37.25 ng
RT: 3.02 min Scan# 158
Delta R.T. 0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.2	103.9	155.9
44	8.3	5.7	8.5





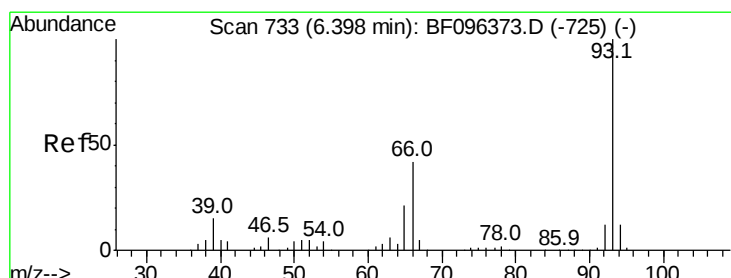
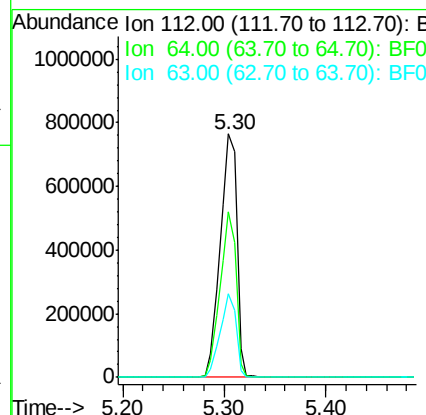
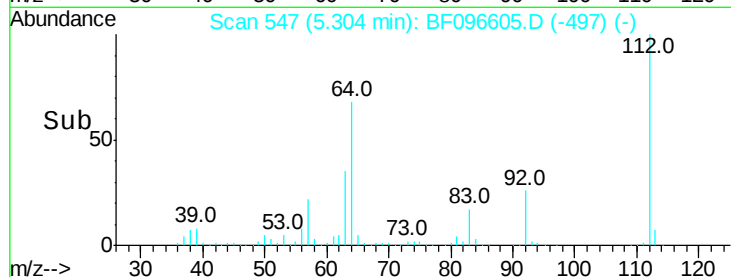
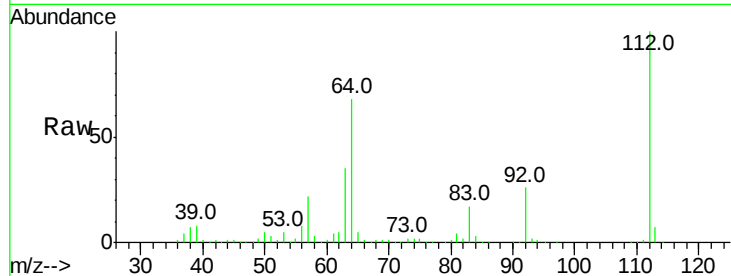
#5
 2-Fluorophenol
 Concen: 113.09 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleID :
 PB100517BS

Tot Ion:	112	Resp:	880321
Ion Ratio	Lower	Upper	
112	100		
64	67.8	46.0	69.0
63	34.5	23.4	35.0

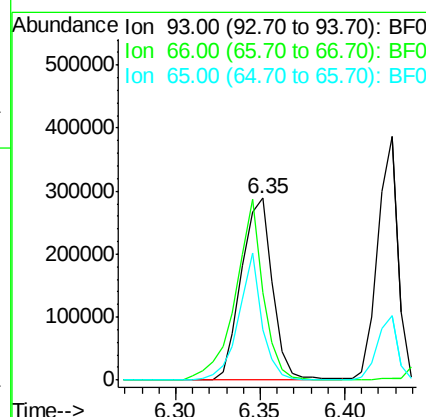
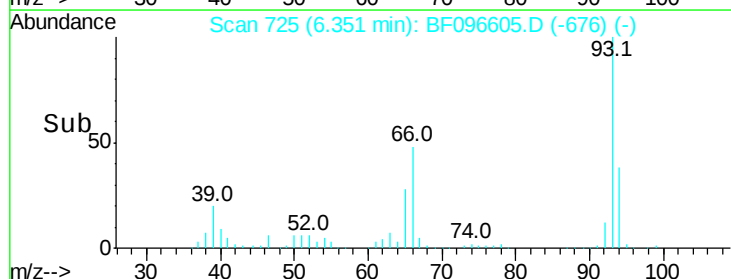
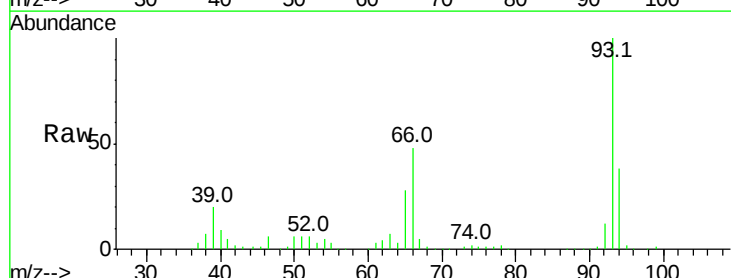
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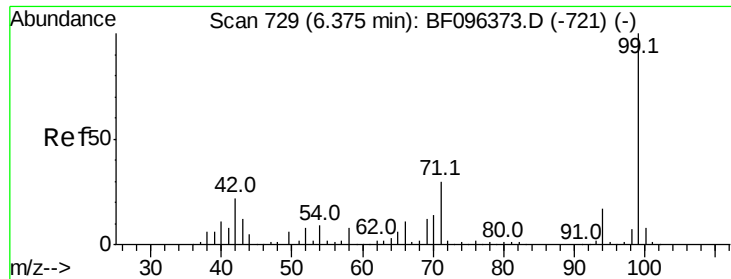
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#6
 Aniline
 Concen: 30.19 ng
 RT: 6.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:	93	Resp:	373424
Ion Ratio	Lower	Upper	
93	100		
66	48.4	32.9	49.3
65	28.0	16.0	24.0





#7

Phenol-d6

Concen: 111.33 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampled :

PB100517BS

Tot Ion: 99 Resp: 1065366

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

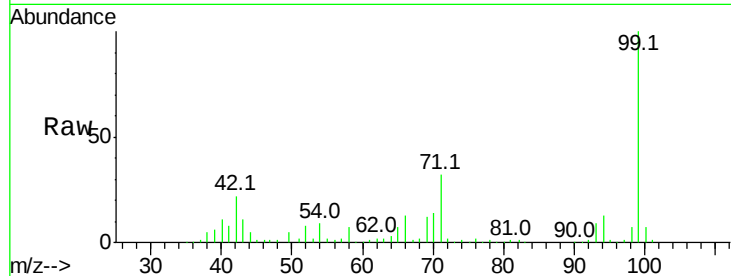
71 31.8 24.5 36.7

Manual Integrations

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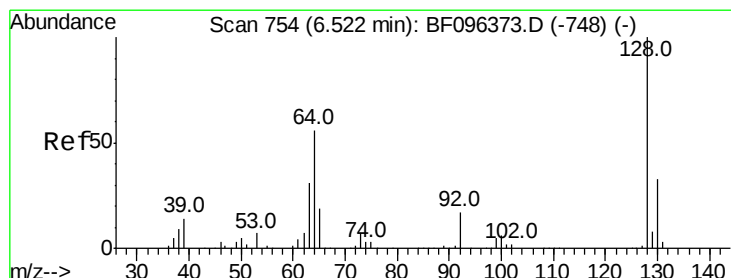
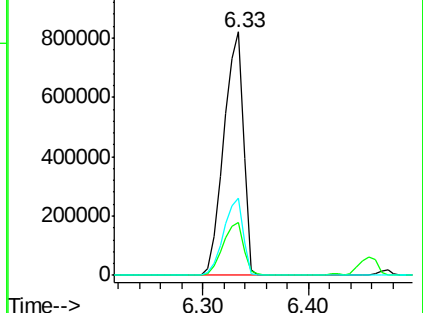
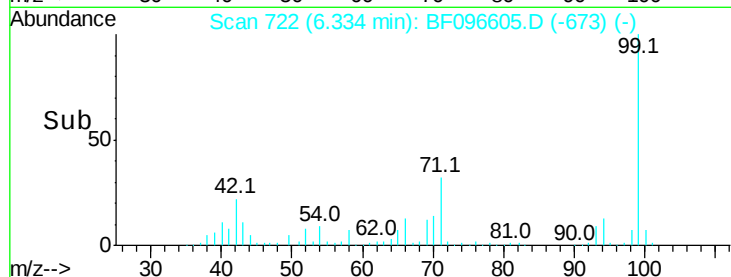
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.56 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

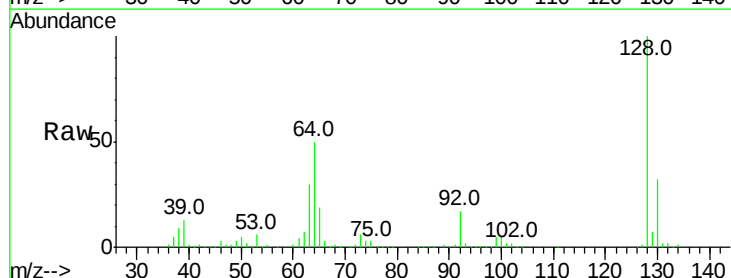
Tgt Ion:128 Resp: 328390

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

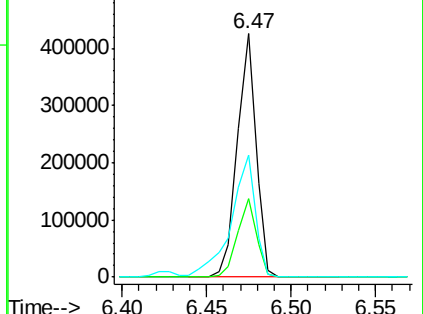
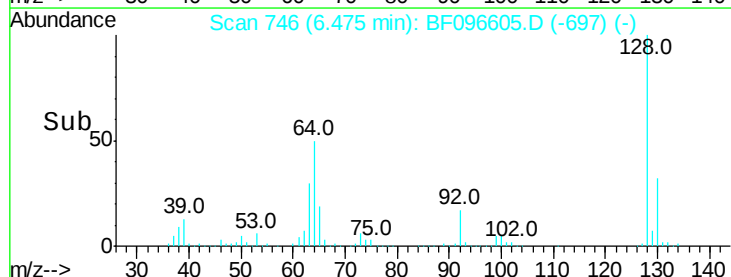
64 50.3 28.4 68.4

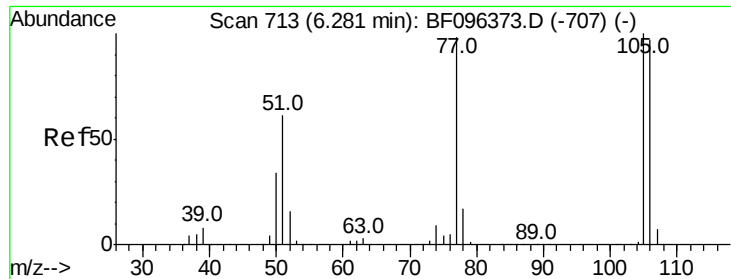


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





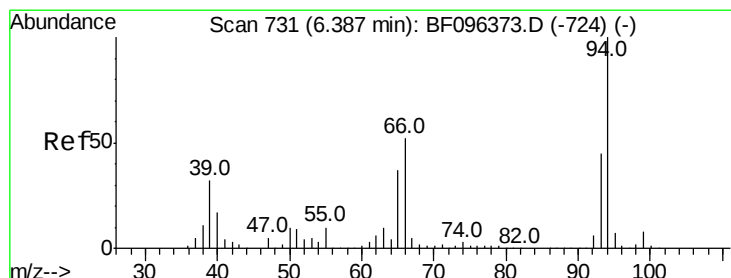
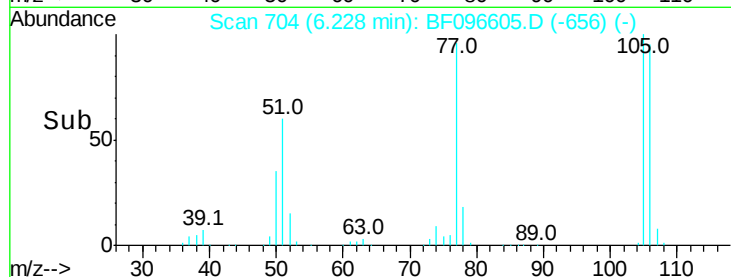
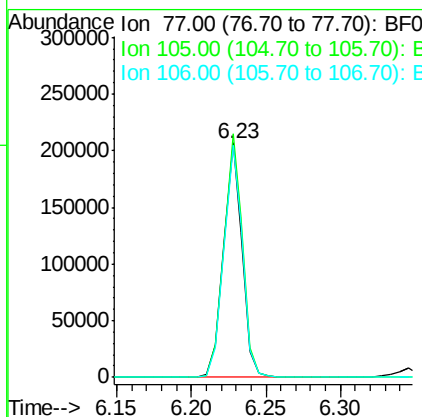
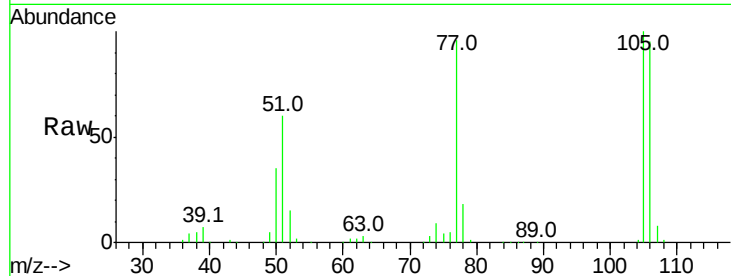
#9
Benzaldehyde
Concen: 30.50 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.8	83.8	123.8		
106	98.9	79.1	119.1		

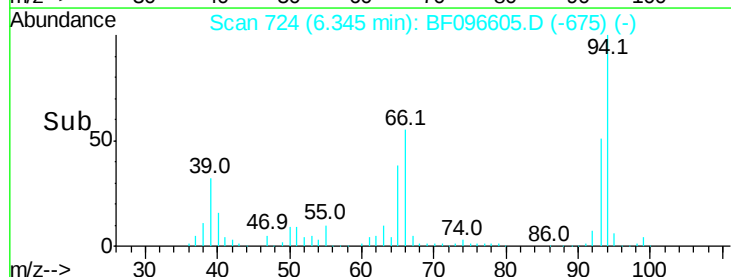
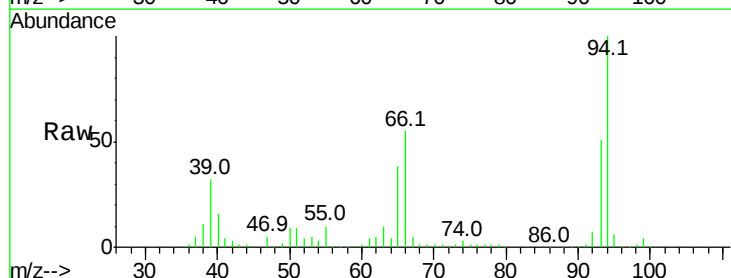
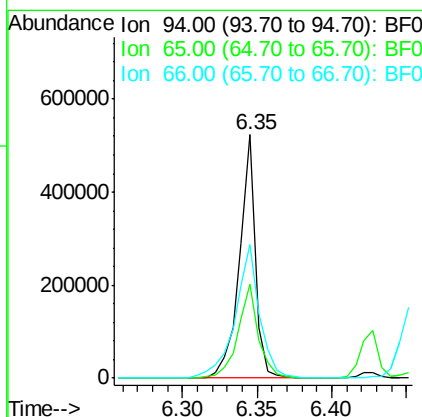
Manual Integrations
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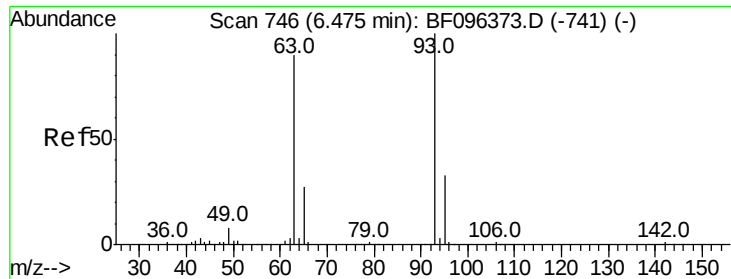
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#10
Phenol
Concen: 36.26 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	38.4	9.9	49.9		
66	54.8	23.1	63.1		





#11

bis(2-Chloroethyl)ether

Concen: 37.89 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

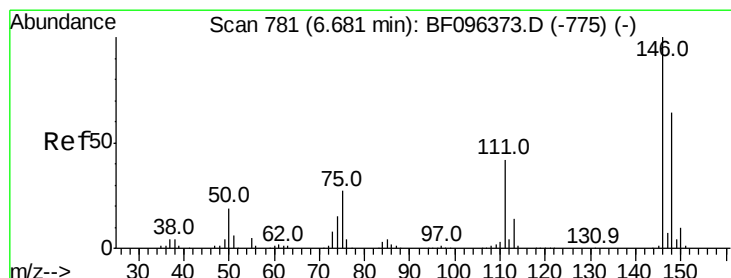
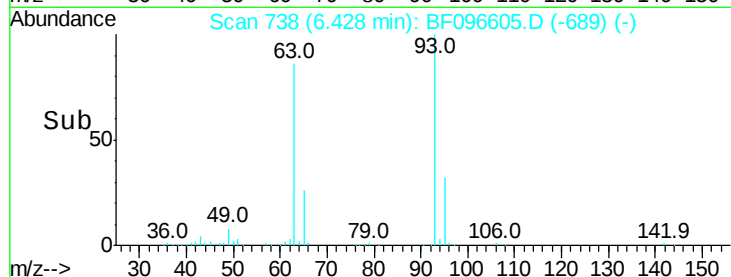
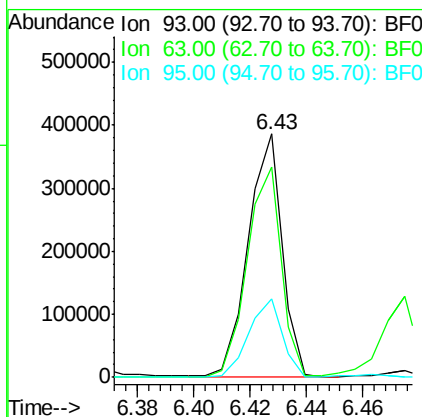
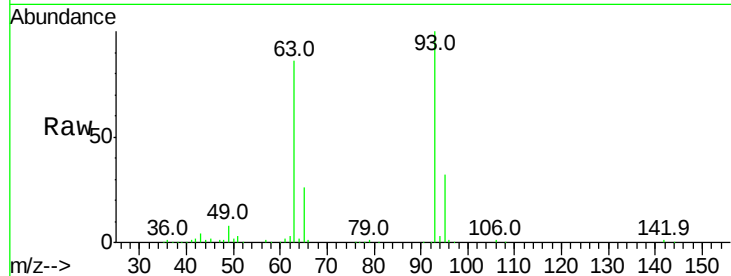
ClientSampleId :

PB100517BS

Tot Ion:	93	Resp:	319242
Ion Ratio	Lower	Upper	
93	100		
63	86.3	59.2	99.2
95	32.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.95 ng

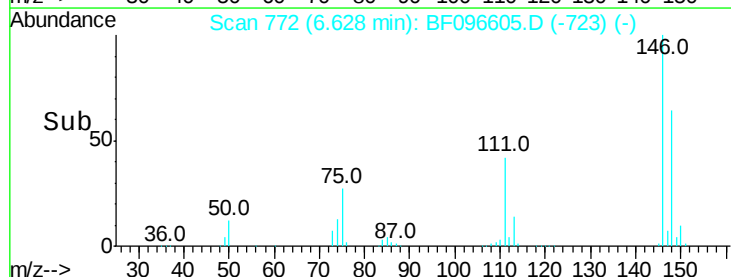
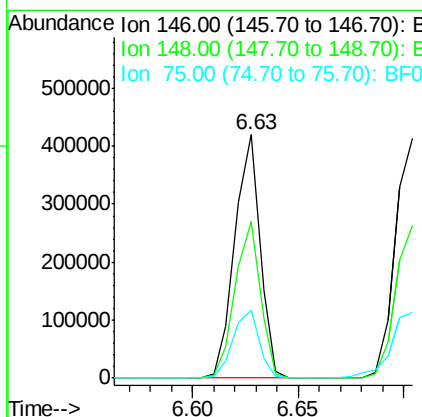
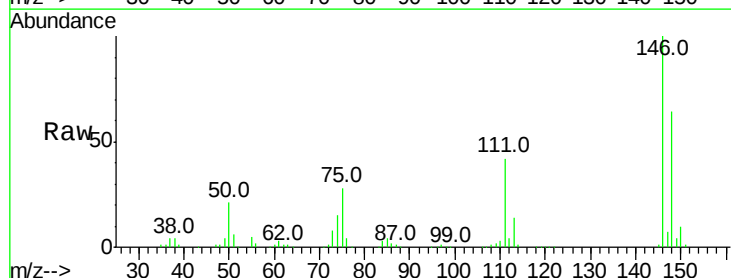
RT: 6.63 min Scan# 772

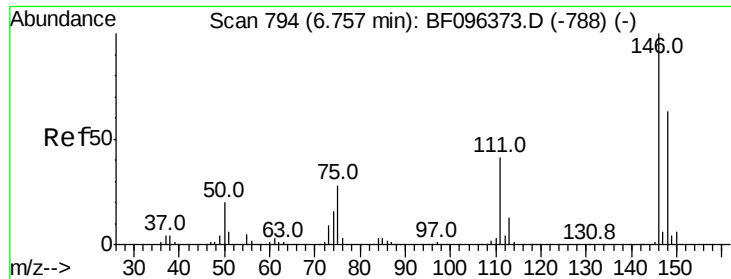
Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:	146	Resp:	347750
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
75	28.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.98 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

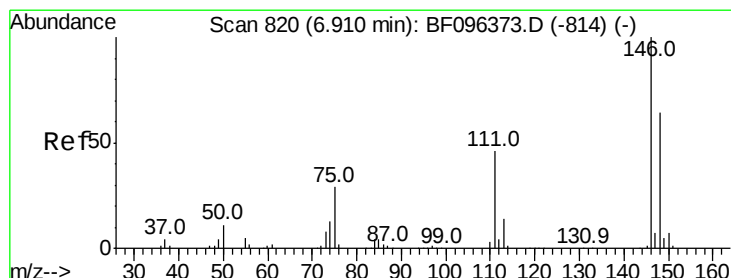
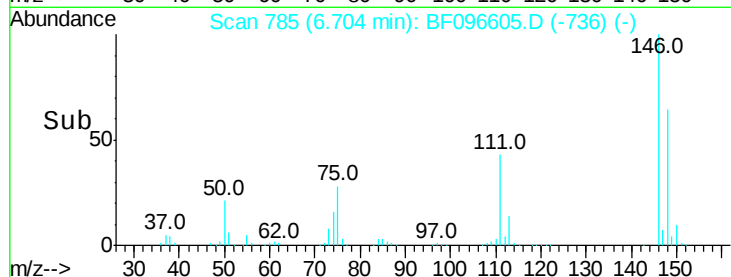
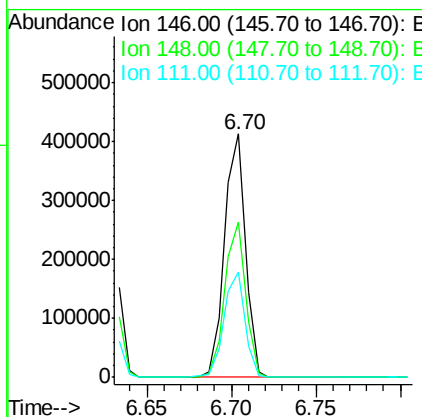
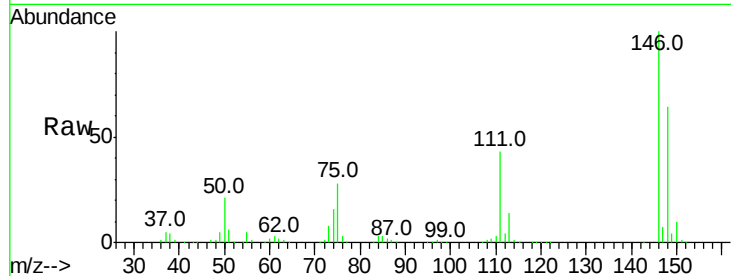
ClientSampled :

PB100517BS

Tot Ion:	146	Resp:	356472
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	43.1	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.80 ng

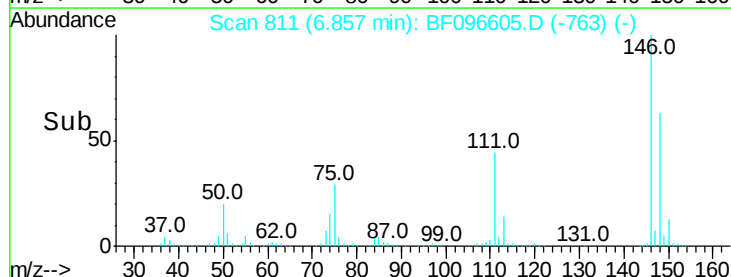
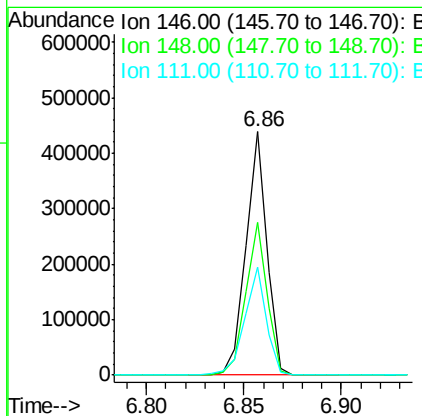
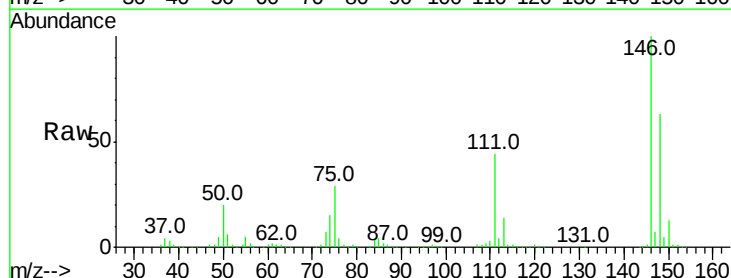
RT: 6.86 min Scan# 811

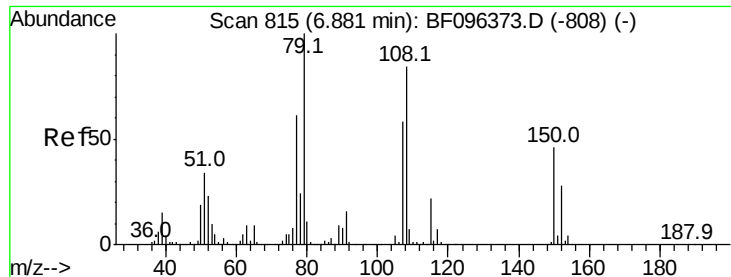
Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:	146	Resp:	325857
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.4	75.6
111	44.2	38.2	57.4





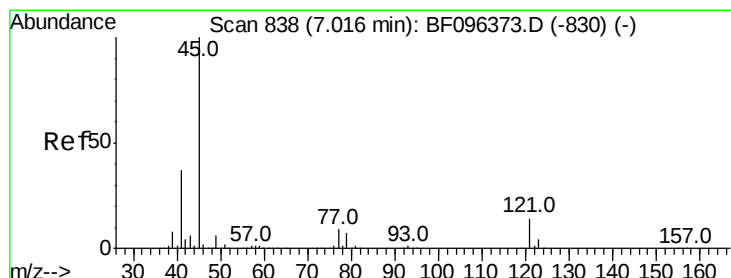
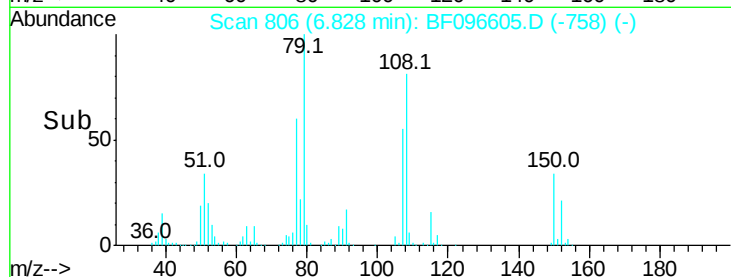
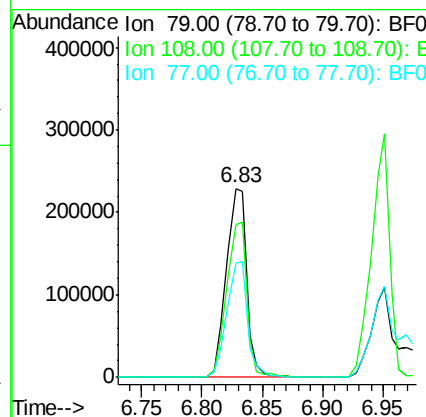
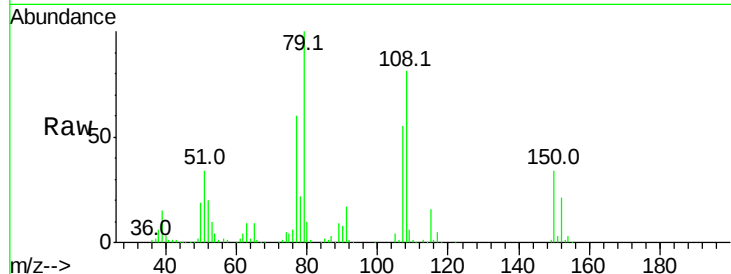
#15
Benzyl Alcohol
Concen: 42.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.9	63.4	95.0	
77	60.4	49.2	73.8	

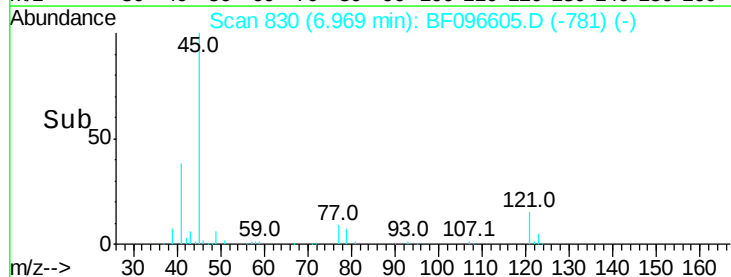
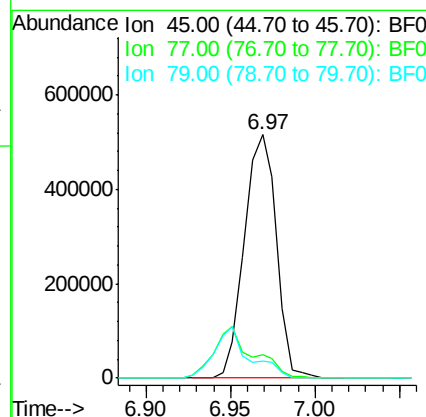
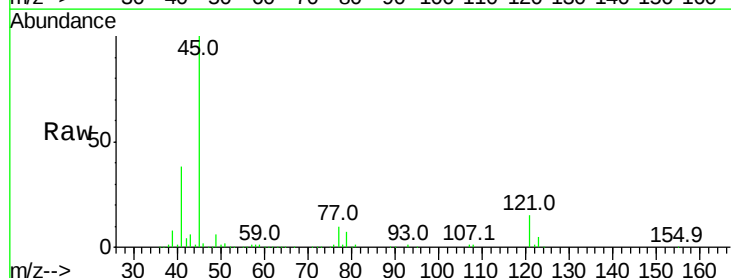
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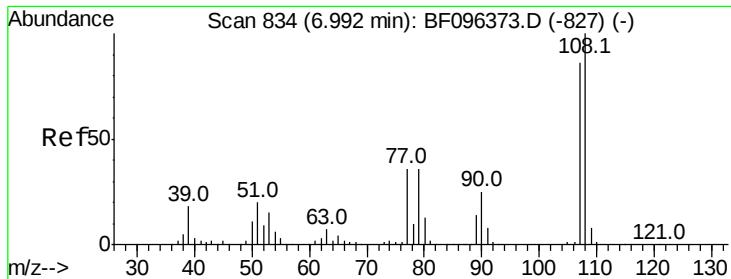
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.80 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	9.9	0.0	33.2	
79	7.2	0.0	30.0	





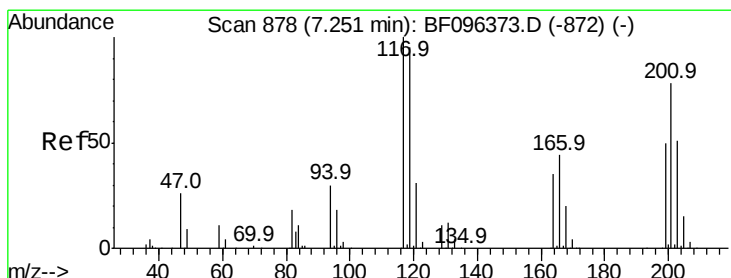
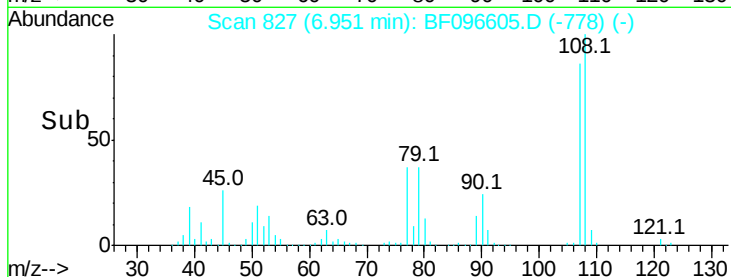
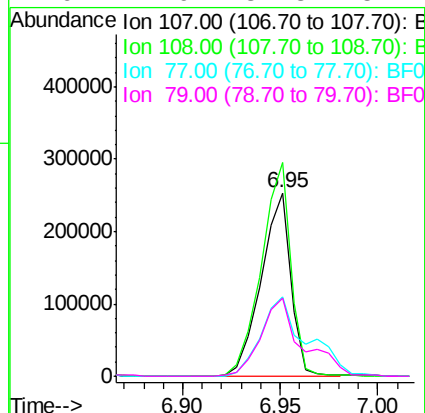
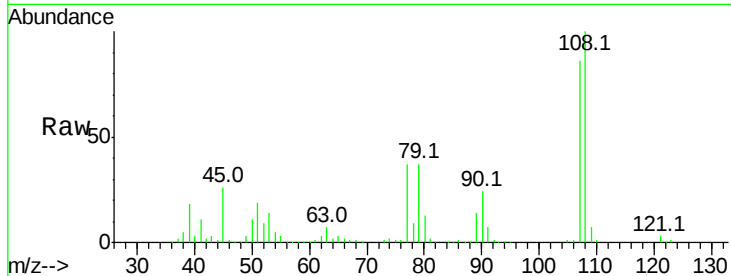
#17
2-Methylphenol
Concen: 40.33 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	107	Resp	266773
Ion	Ratio	Lower	Upper
107	100		
108	116.5	93.4	140.0
77	43.6	35.8	53.6
79	42.9	34.8	52.2

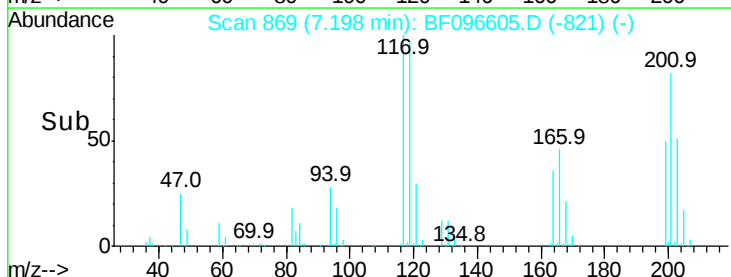
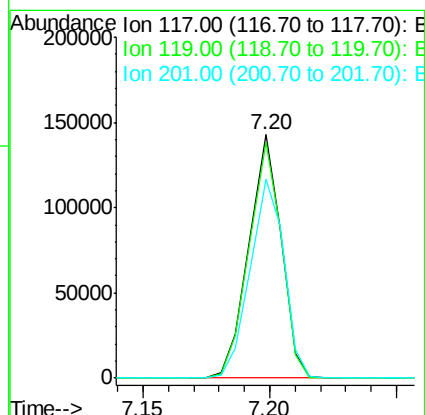
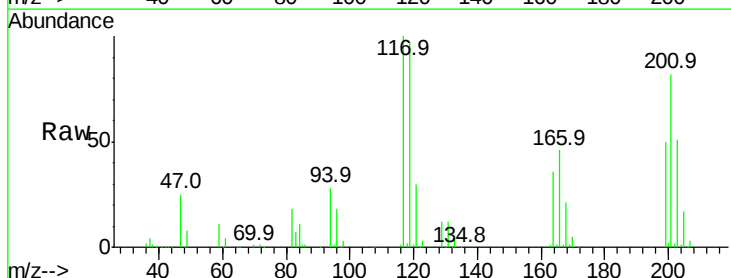
Manual Integrations
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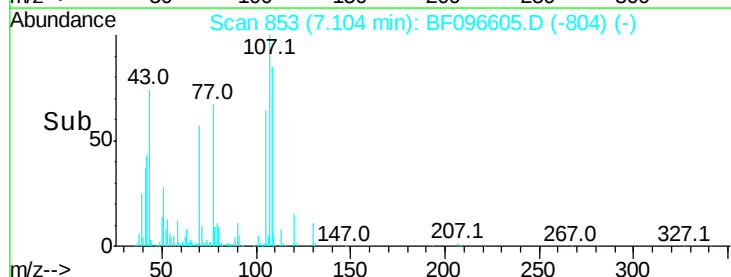
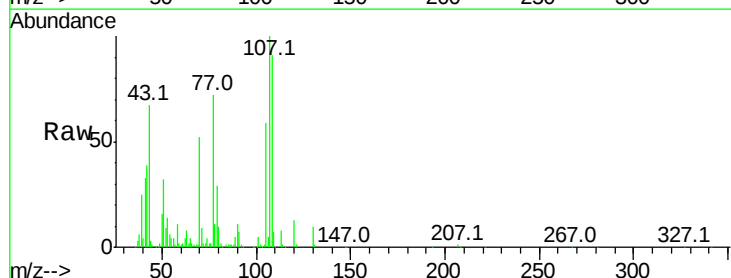
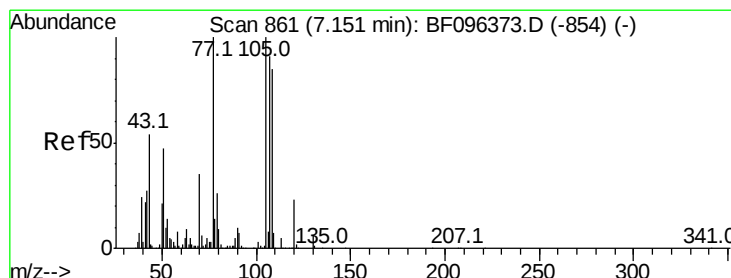
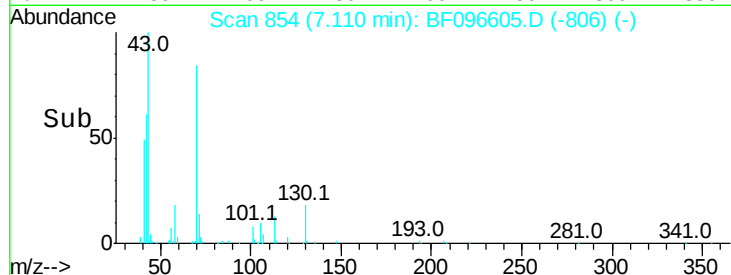
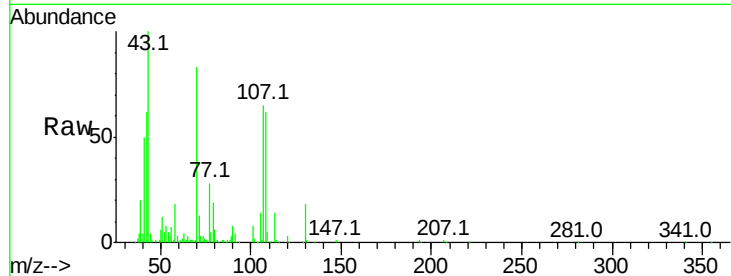
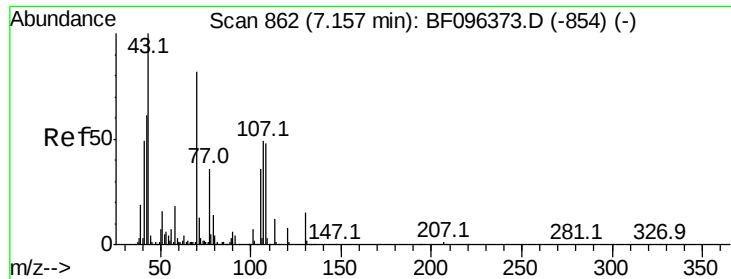
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#18
Hexachloroethane
Concen: 40.27 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	117	Resp	127014
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	81.8	94.6	141.8#





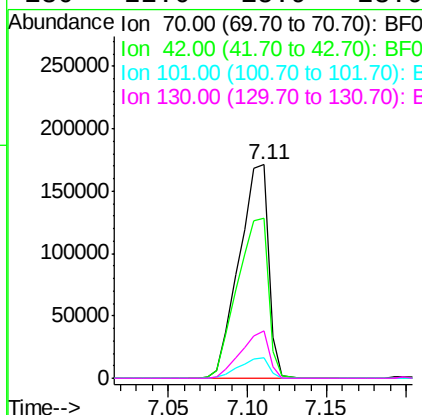
#19
n-Nitroso-di-n-propylamine
Concen: 38.49 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.7	47.2	70.8#
101	9.7	7.2	10.8
130	22.0	15.9	23.9

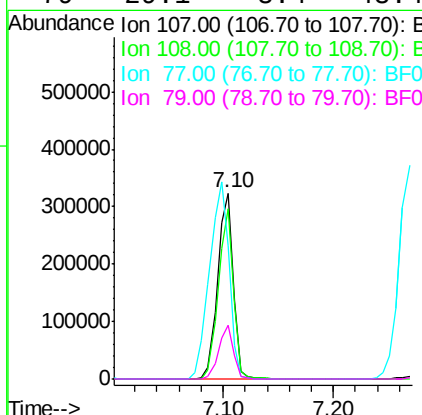
Manual Integrations
APPROVED

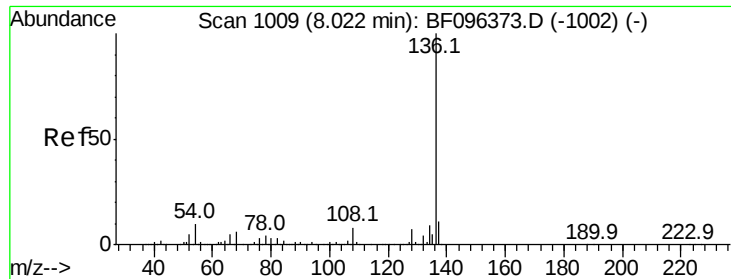
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#20
3+4-Methylphenols
Concen: 43.11 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	71.7	90.5	130.5#
79	29.1	8.4	48.4





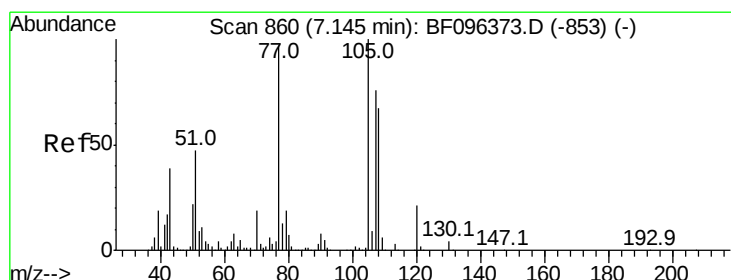
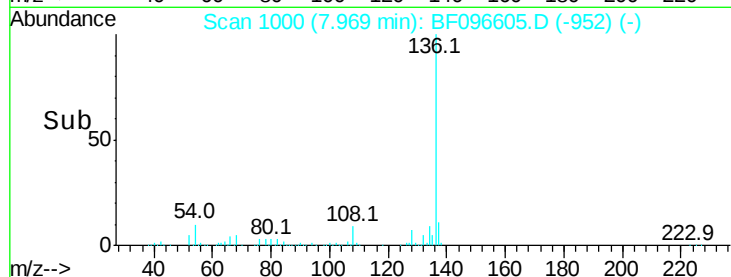
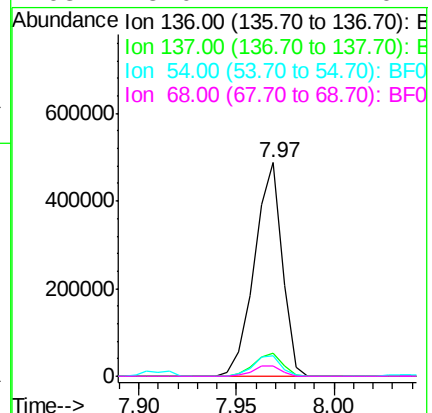
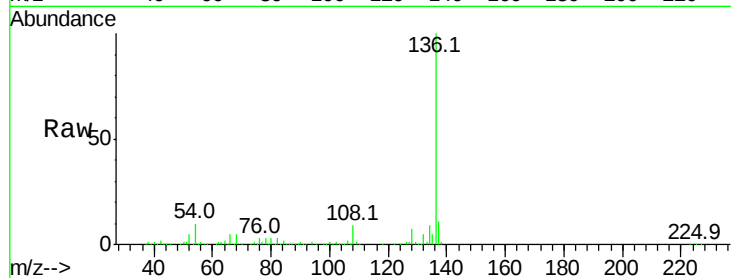
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	9.7	4.9	7.3#	
68	5.0	4.1	6.1	

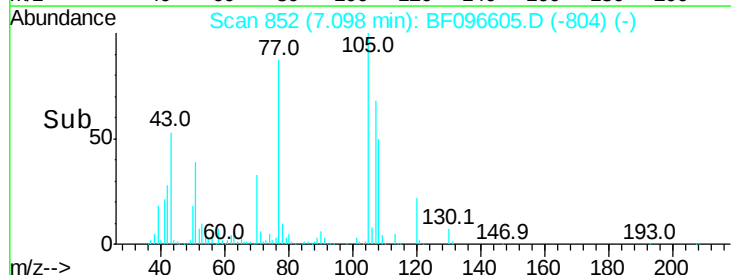
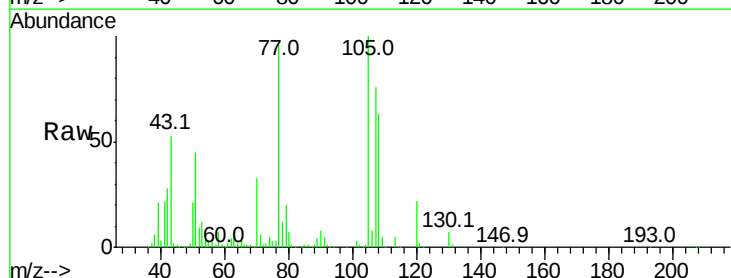
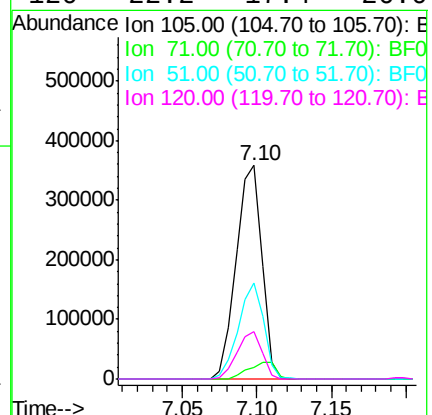
Manual Integrations
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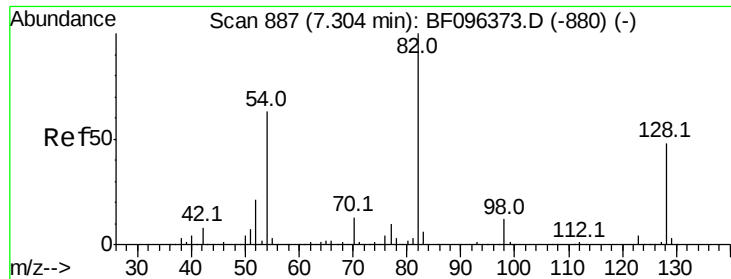
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#22
Acetophenone
Concen: 41.61 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	2.8	4.2#	
51	45.0	30.7	46.1	
120	22.2	17.4	26.0	





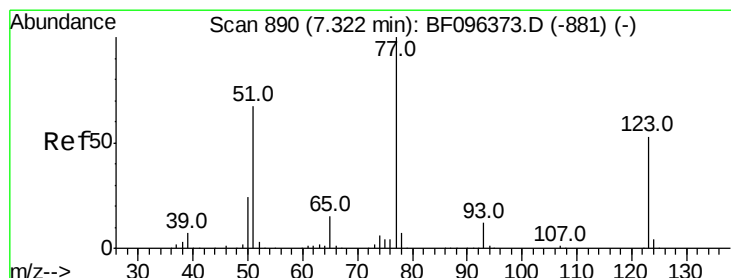
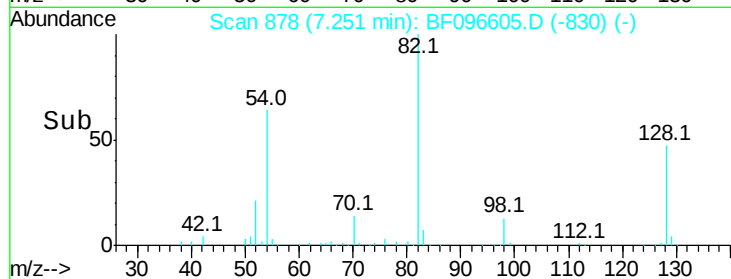
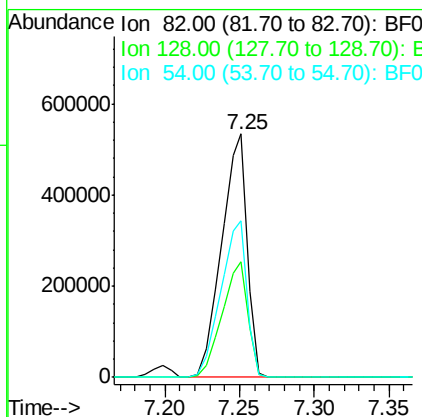
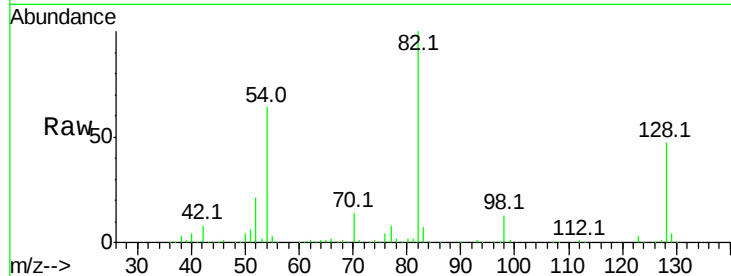
#23
 Nitrobenzene-d5
 Concen: 80.63 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	64.3	42.2	63.2

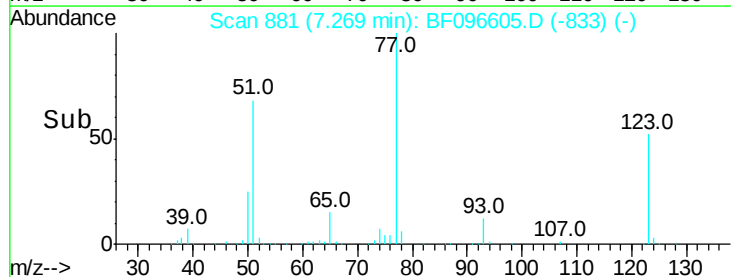
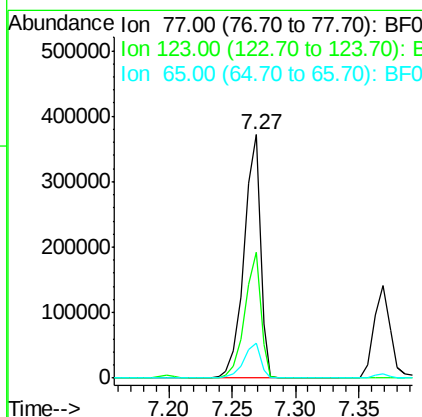
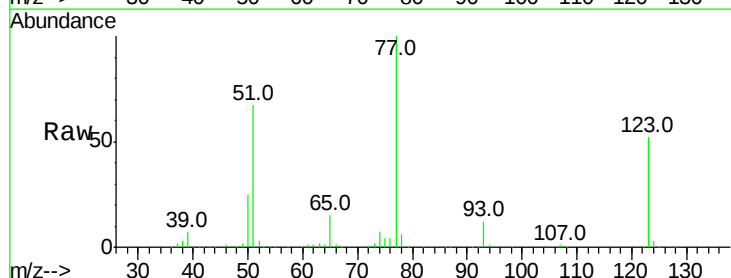
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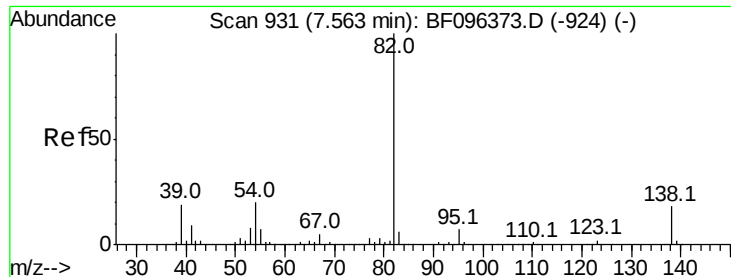
mohammad
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#24
 Nitrobenzene
 Concen: 39.53 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.9	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 39.11 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

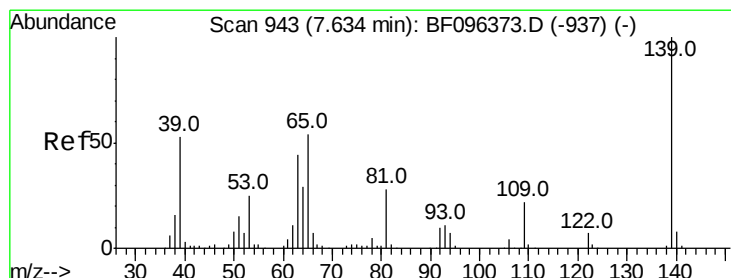
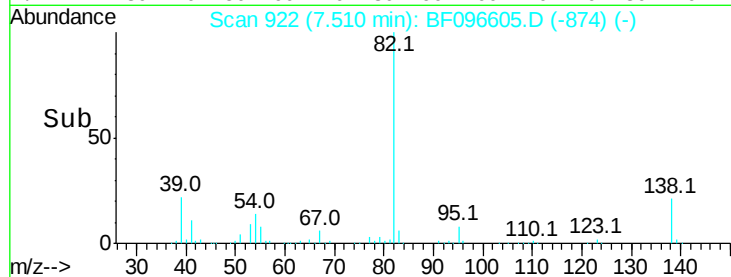
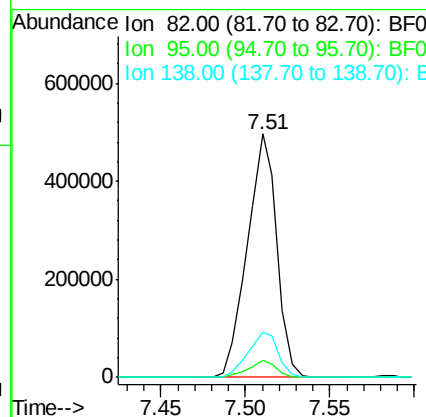
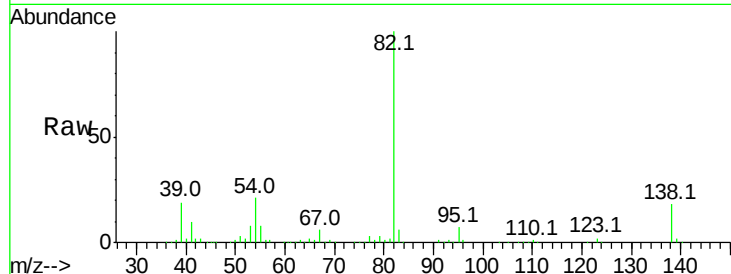
ClientSampleId :

PB100517BS

Tot Ion:	82	Resp:	604513
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.5	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.32 ng

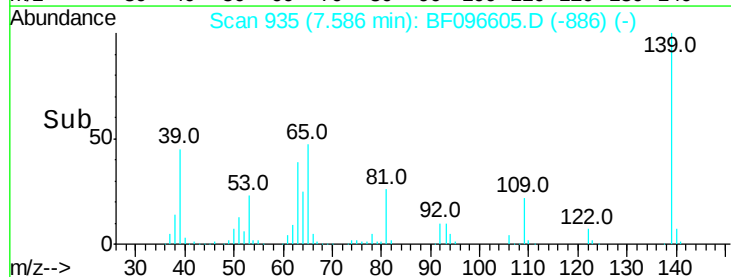
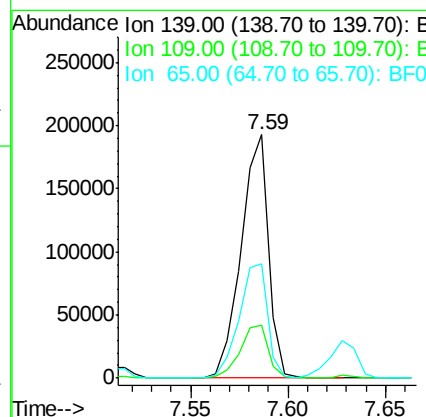
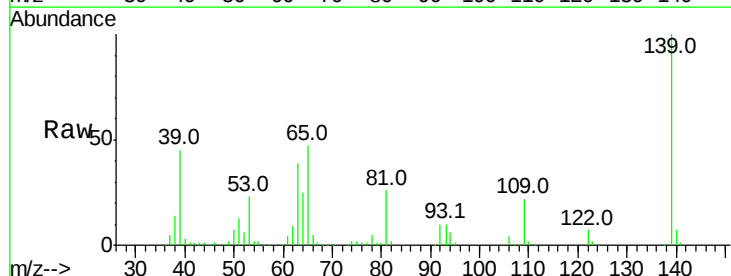
RT: 7.59 min Scan# 935

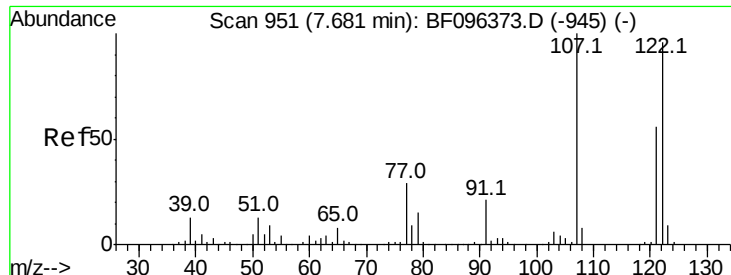
Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:	139	Resp:	187363
Ion Ratio	Lower	Upper	
139	100		
109	21.6	21.0	31.6
65	46.8	33.0	49.6





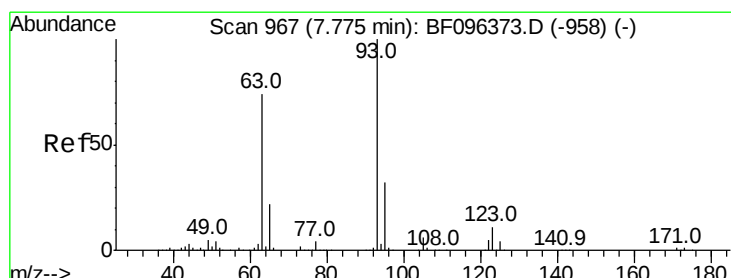
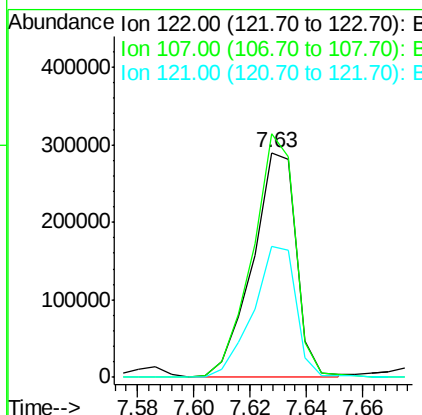
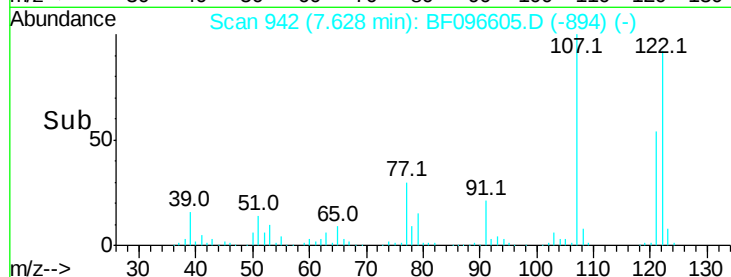
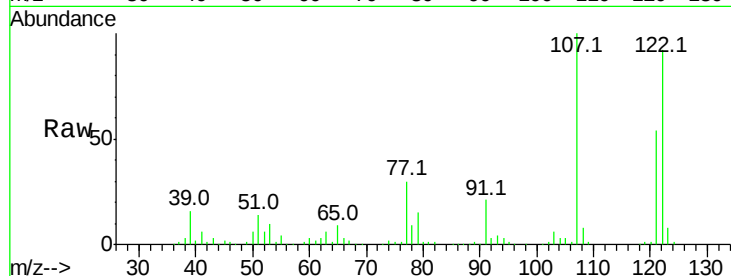
#27
2,4-Dimethylphenol
Concen: 41.30 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	89.2	133.8
121	58.2	45.2	67.8

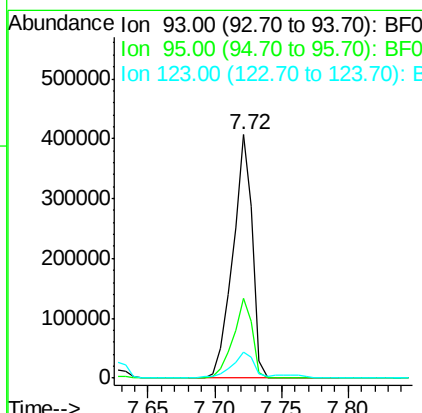
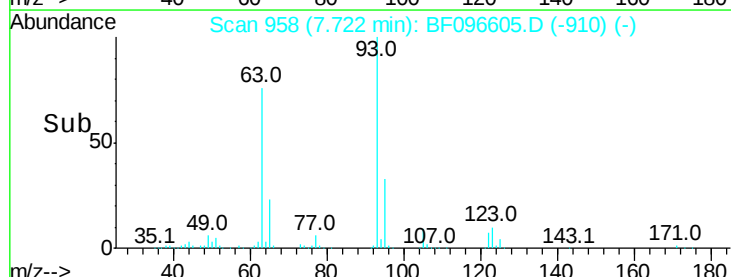
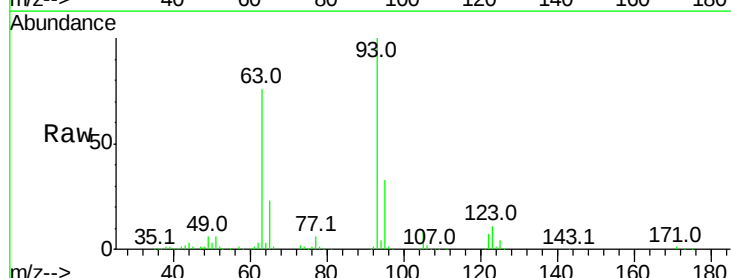
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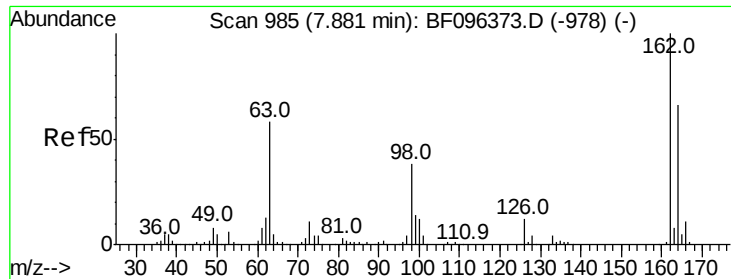
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.60 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.6	9.0	13.4





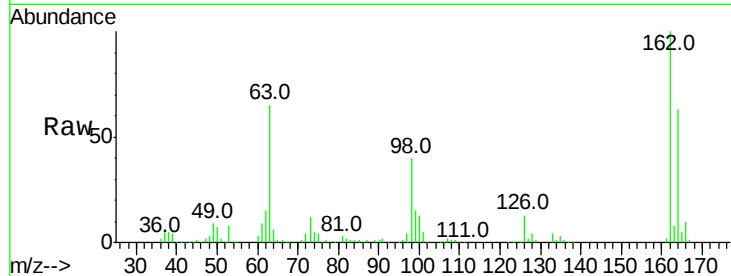
#29
 2,4-Dichlorophenol
 Concen: 42.35 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

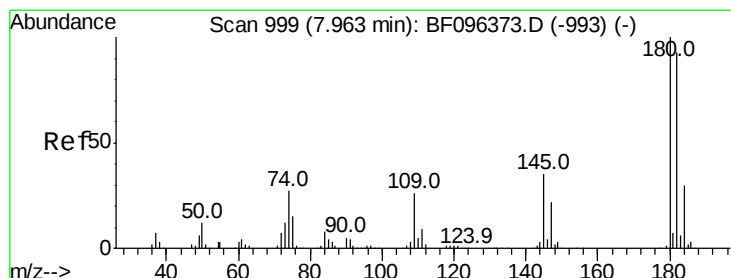
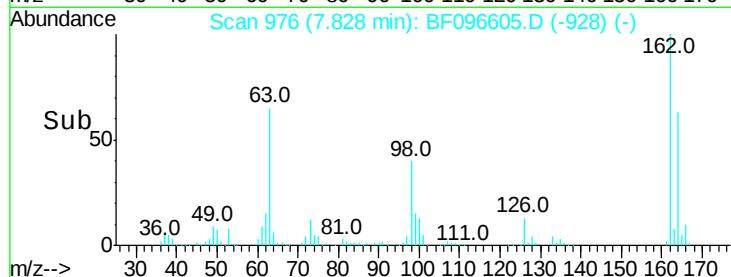
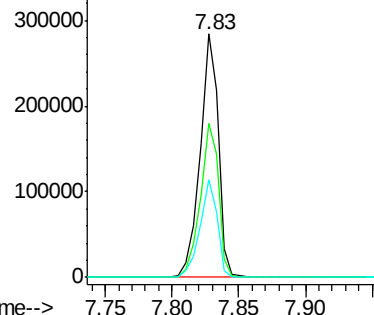
Tot Ion:	162	Resp:	275435
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.6	84.6
98	40.3	14.8	54.8

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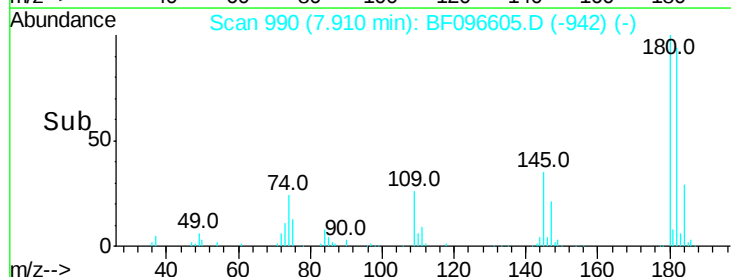
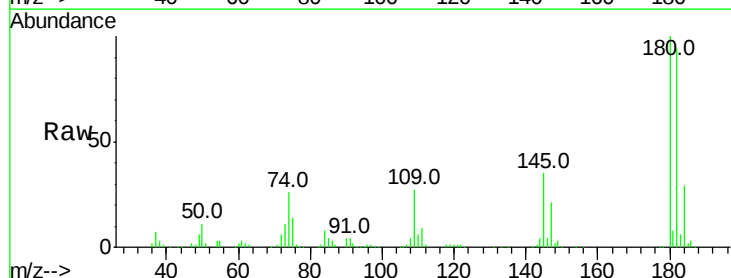
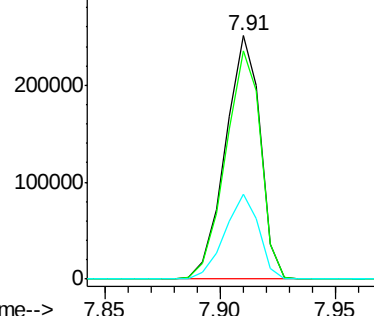
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

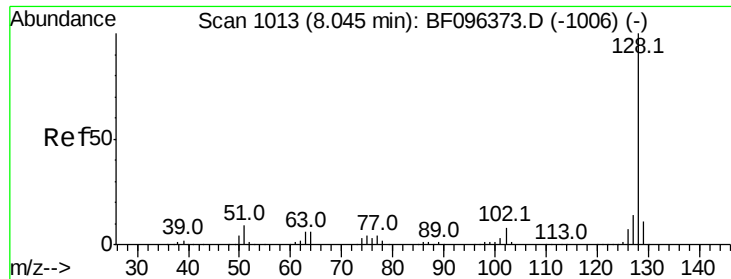


#30
 1,2,4-Trichlorobenzene
 Concen: 43.08 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:	180	Resp:	264262
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.8	113.6
145	35.1	25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





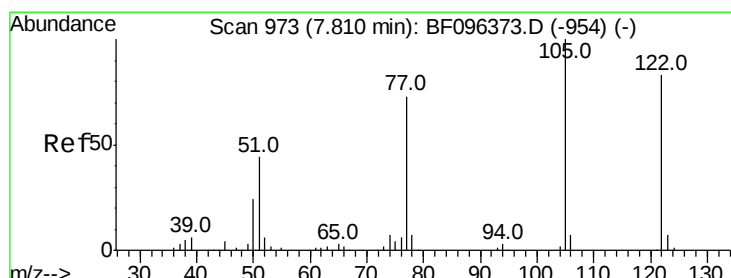
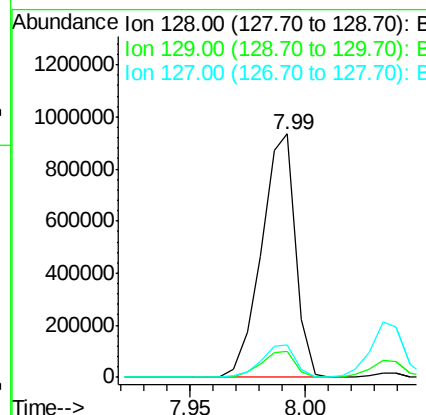
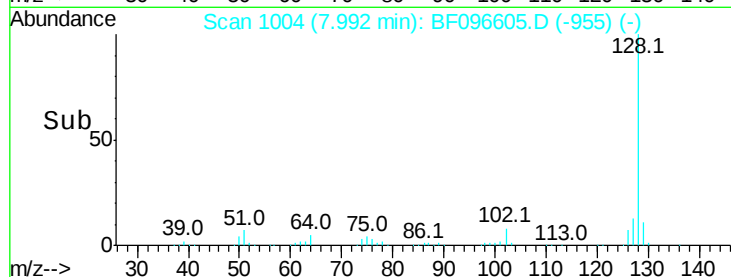
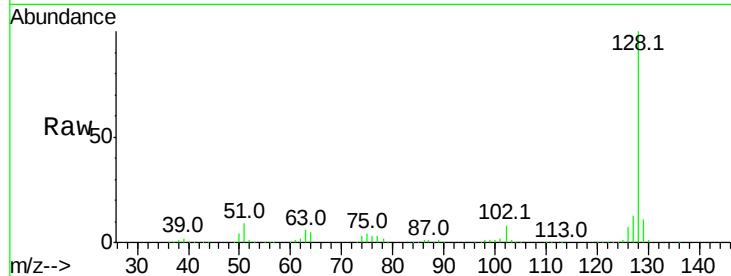
#31
Naphthalene
Concen: 42.36 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	9.0	13.6
127	13.2	10.8	16.2

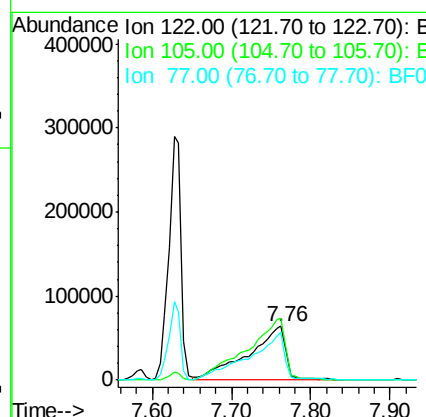
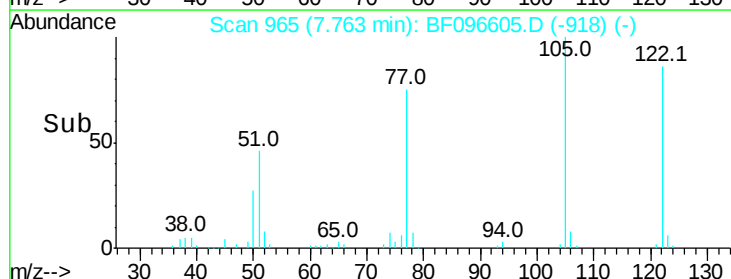
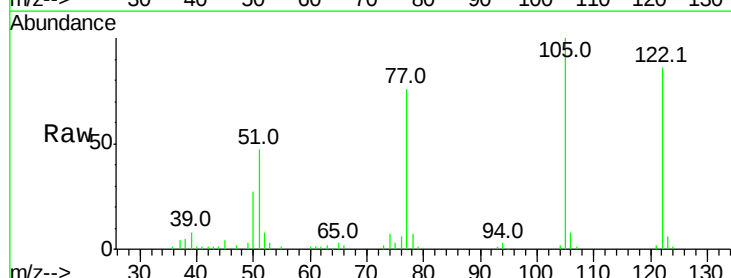
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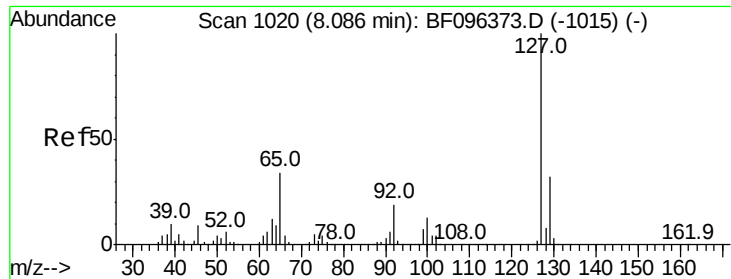
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#32
Benzoic acid
Concen: 33.23 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	116.4	103.3	143.3
77	88.4	73.7	113.7





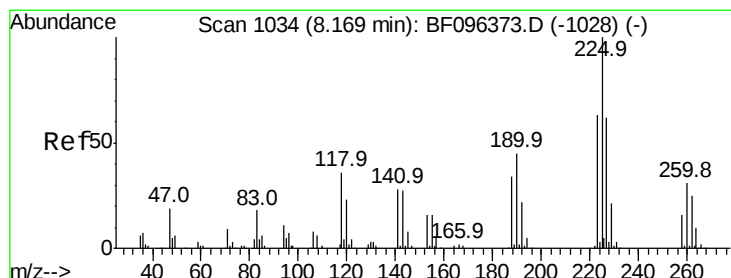
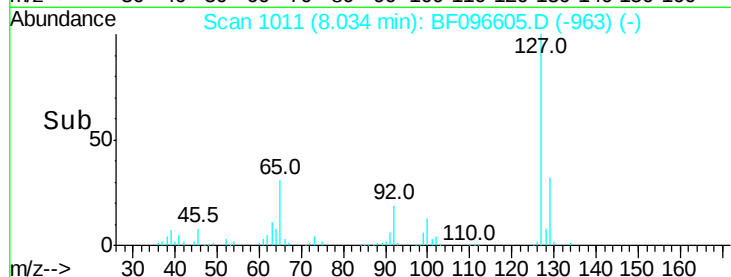
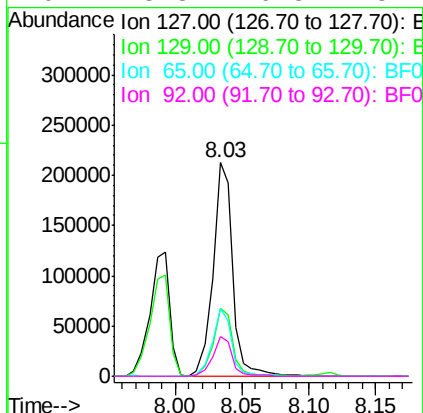
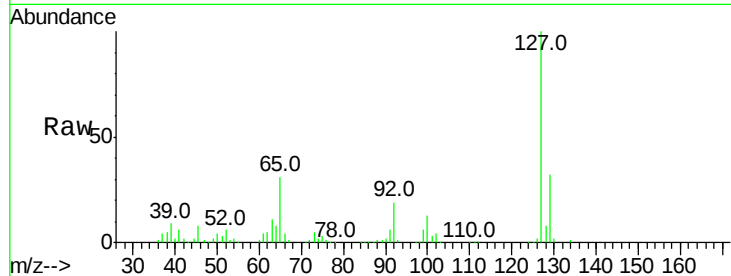
#33
4-Chloroaniline
Concen: 23.44 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	31.5	27.8	41.8
92	18.8	16.8	25.2

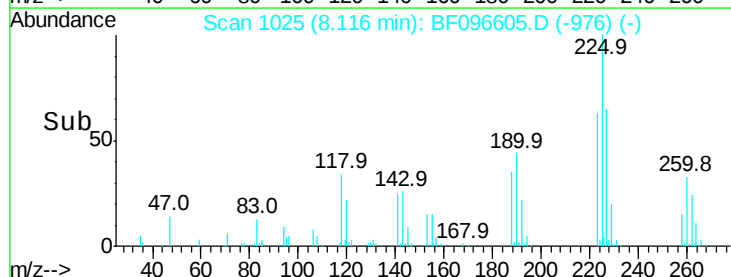
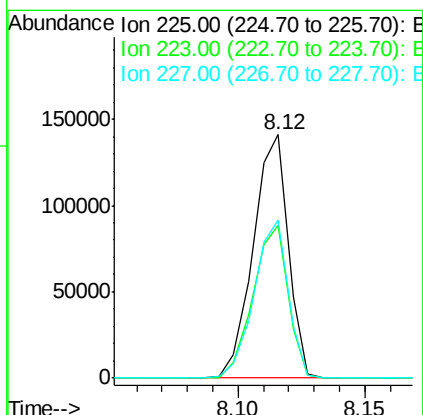
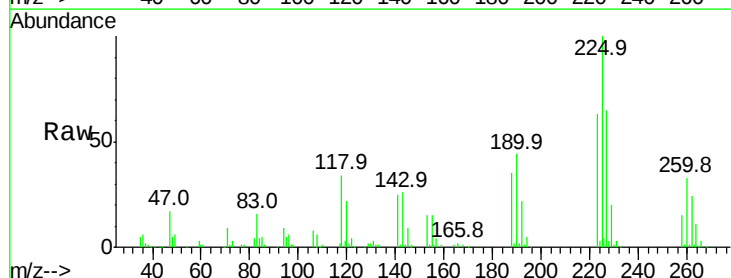
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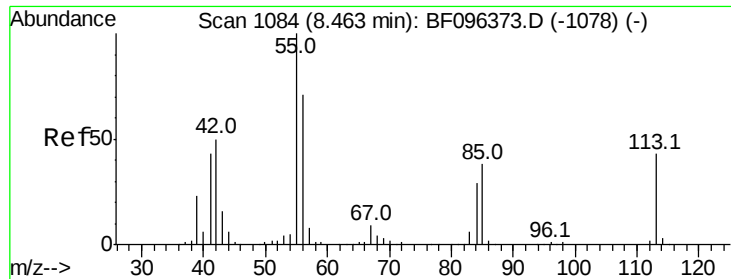
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#34
Hexachlorobutadiene
Concen: 43.40 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	64.6	51.1	76.7





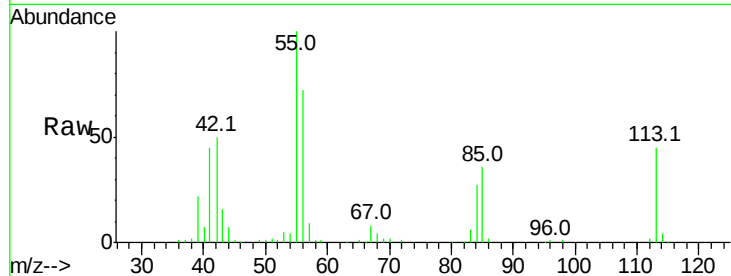
#35
Caprolactam
Concen: 41.87 ng/ml
RT: 8.41 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleID :
PB100517BS

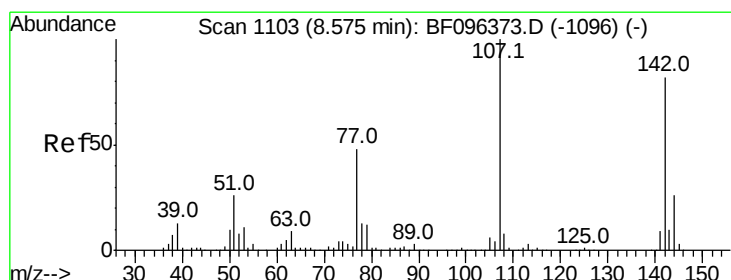
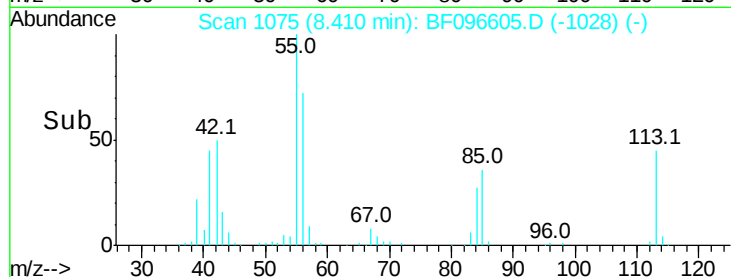
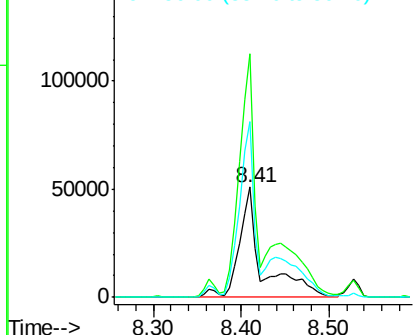
Tot Ion:113 Resp: 93898
Ion Ratio Lower Upper
113 100
55 221.0 150.2 190.2#
56 159.2 107.8 147.8#

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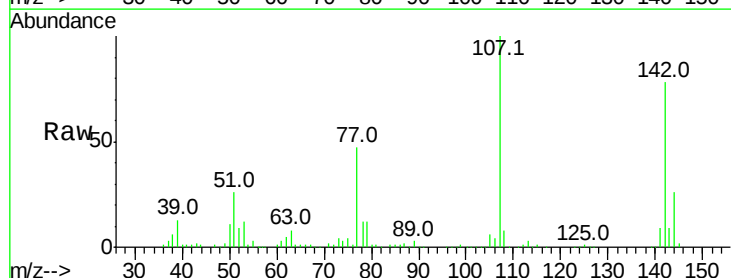


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

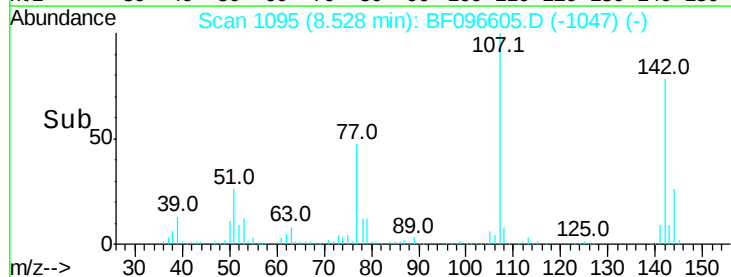
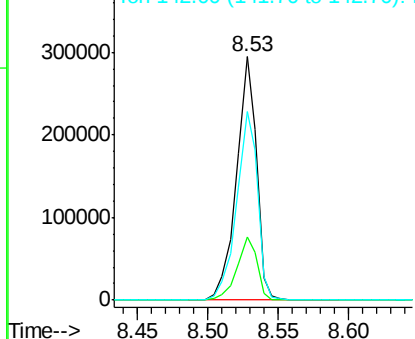


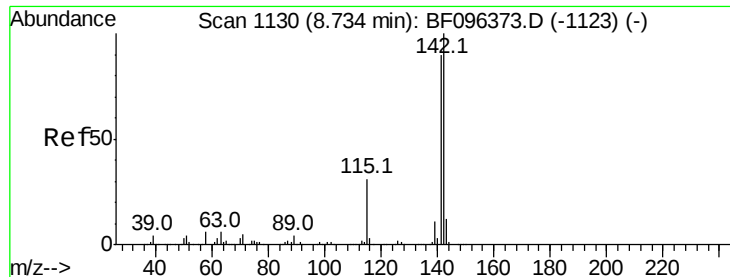
#36
4-Chloro-3-methylphenol
Concen: 40.38 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:107 Resp: 290590
Ion Ratio Lower Upper
107 100
144 25.9 24.2 36.4
142 77.7 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





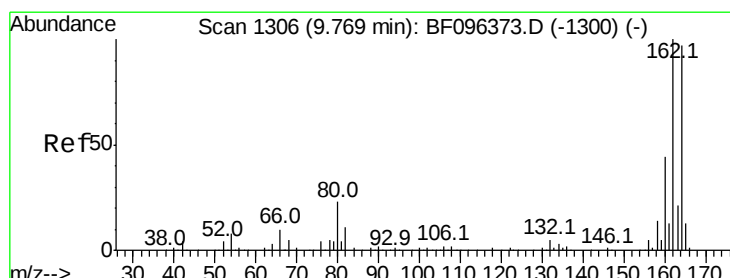
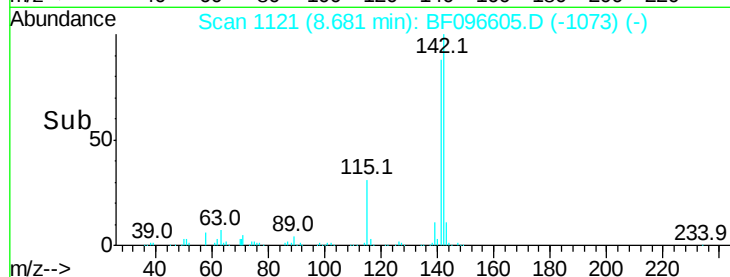
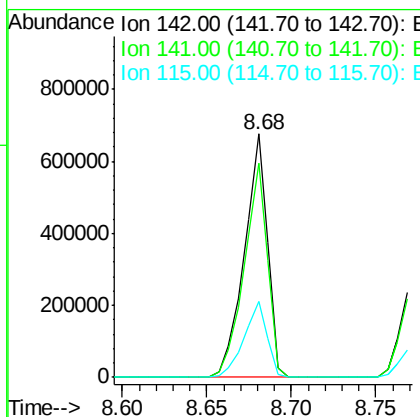
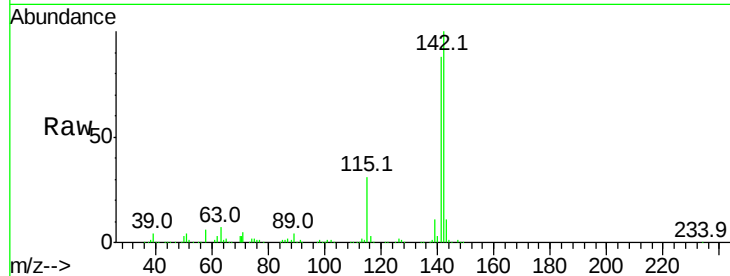
#37
2-Methylnaphthalene
Concen: 45.12 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	649626		
141	88.2	71.3	106.9	
115	31.3	27.1	40.7	

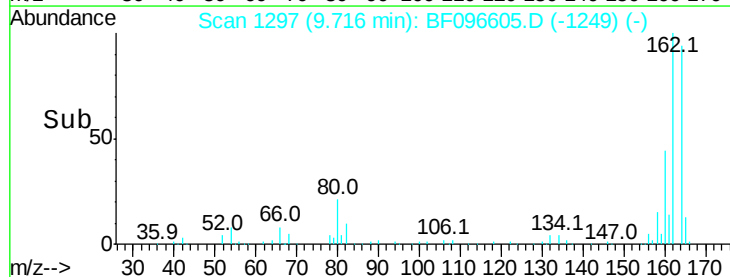
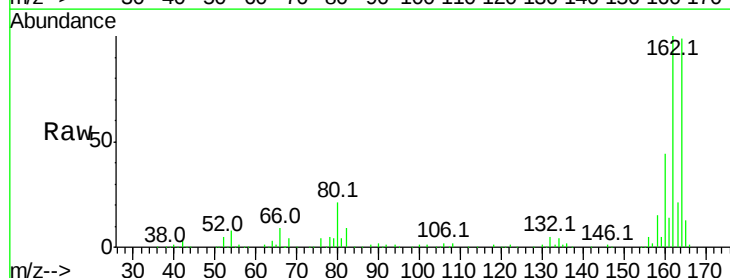
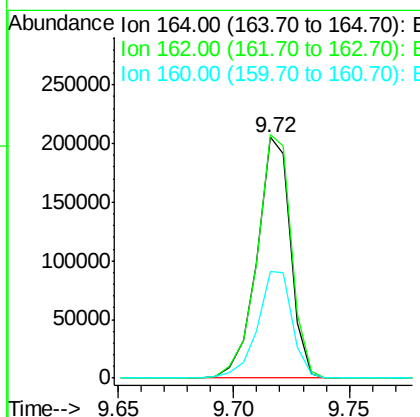
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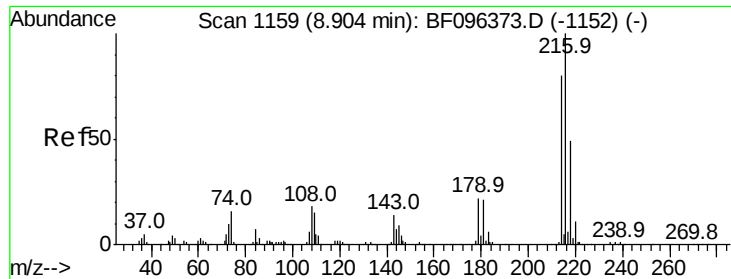
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207183		
162	101.0	82.6	123.8	
160	44.4	36.2	54.2	





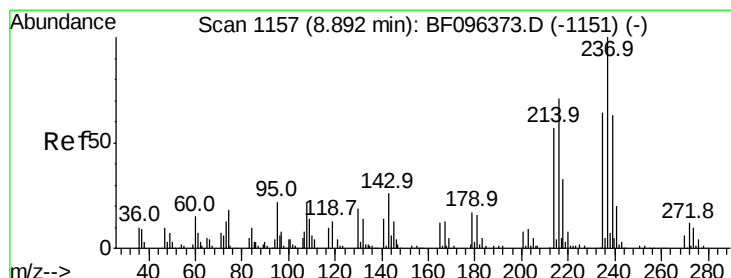
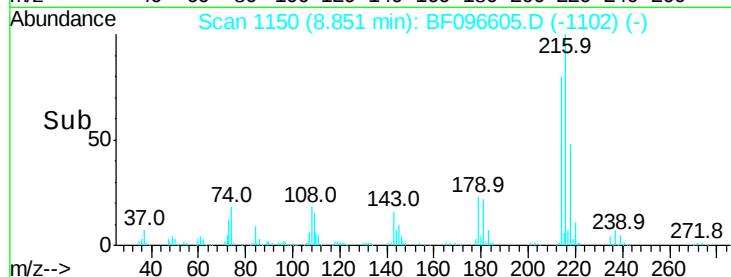
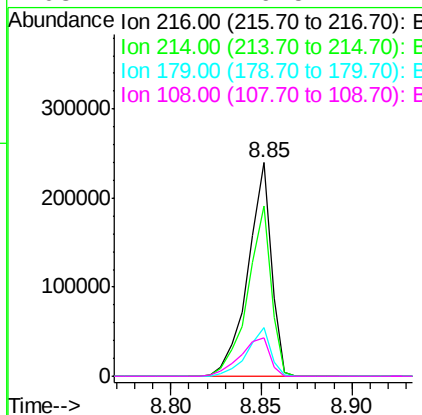
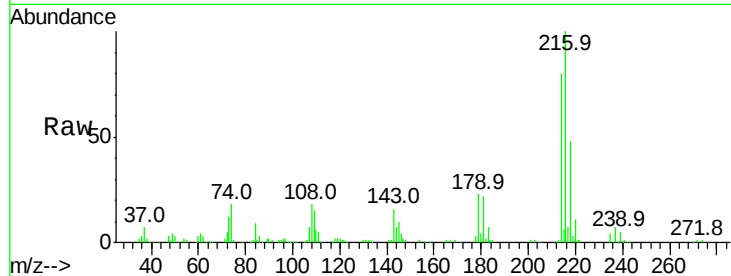
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.13 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	215864		
214	79.4	63.4	95.2	
179	22.5	17.9	26.9	
108	22.7	16.5	24.7	

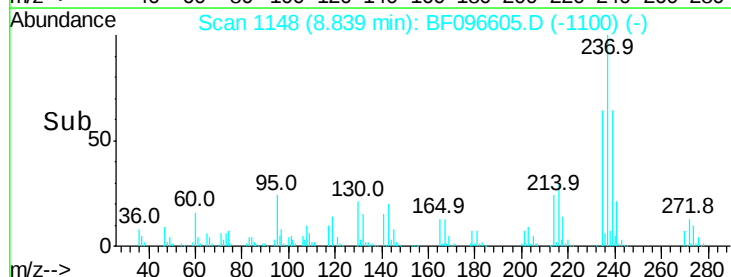
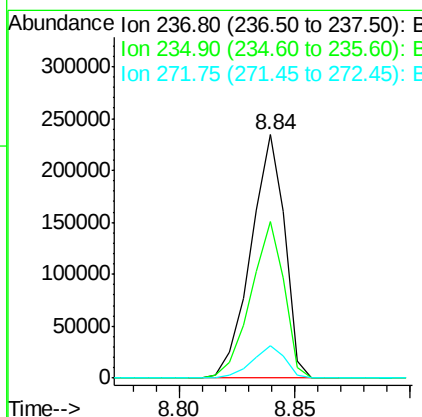
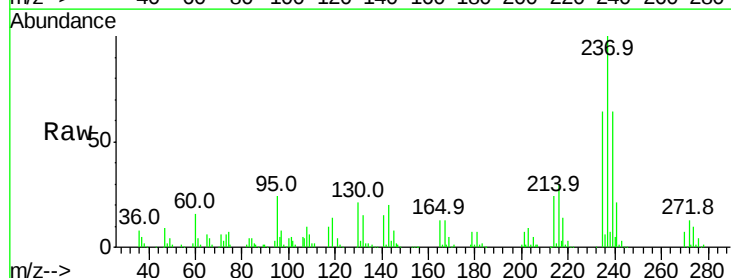
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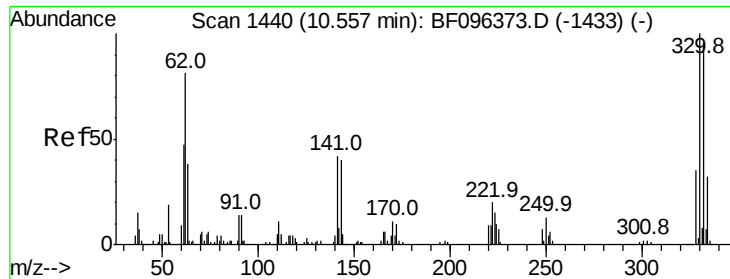
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#40
 Hexachlorocyclopentadiene
 Concen: 91.61 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	239614		
235	64.1	42.6	82.6	
272	13.2	0.0	31.9	





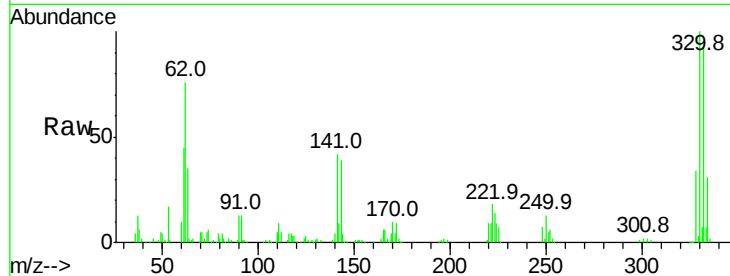
#41
 2,4,6-Tribromophenol
 Concen: 132.34 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampled :
 PB100517BS

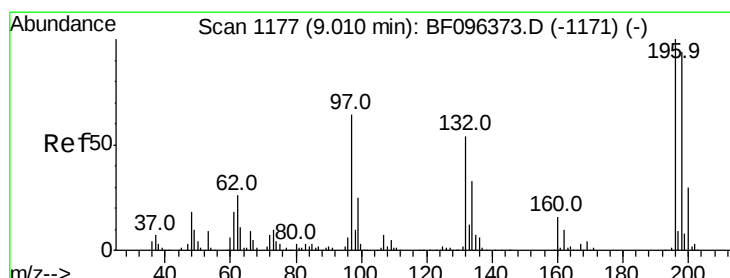
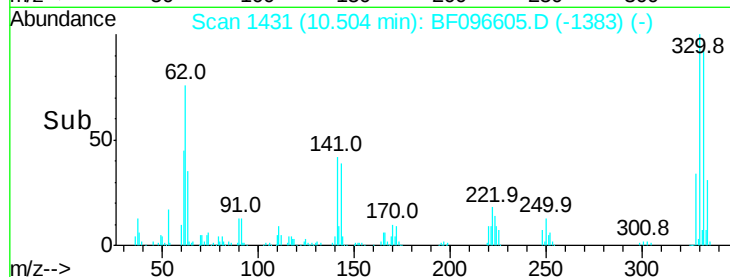
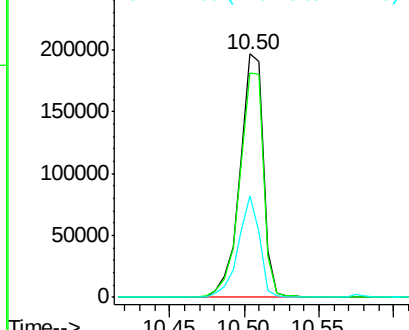
Tot Ion	Ratio	Resp	Lower	Upper
330	100	214175		
332	94.1	76.6	115.0	
141	37.9	31.4	47.2	

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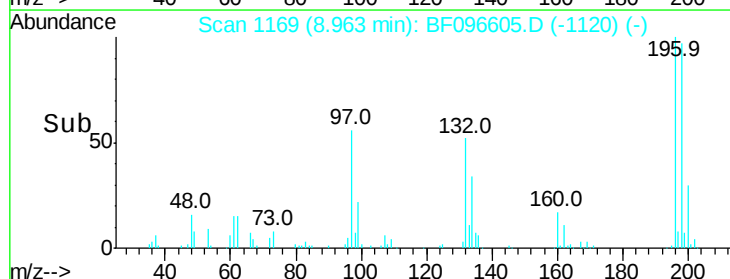
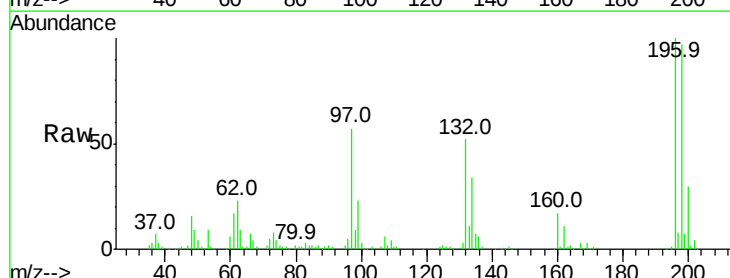
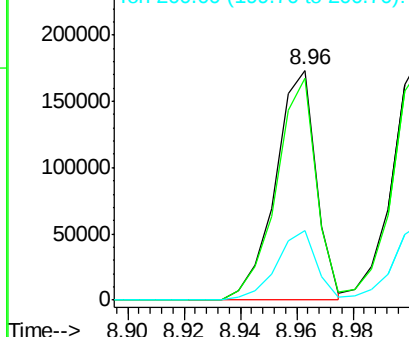
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174495		
198	96.7	74.2	111.4	
200	30.3	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





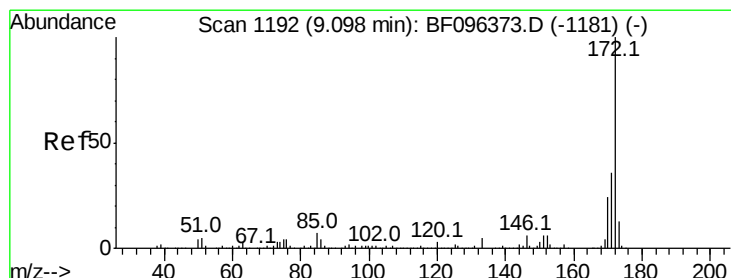
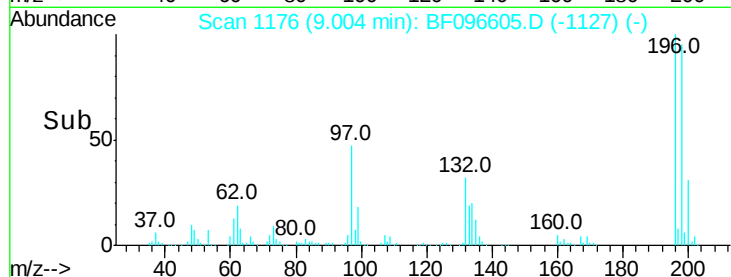
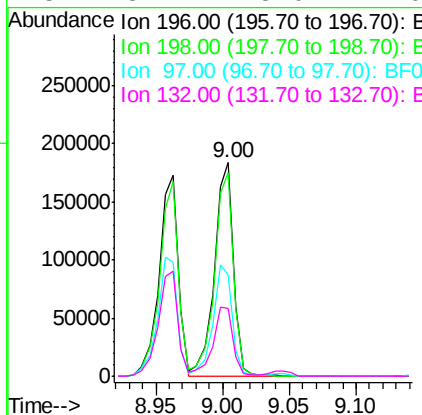
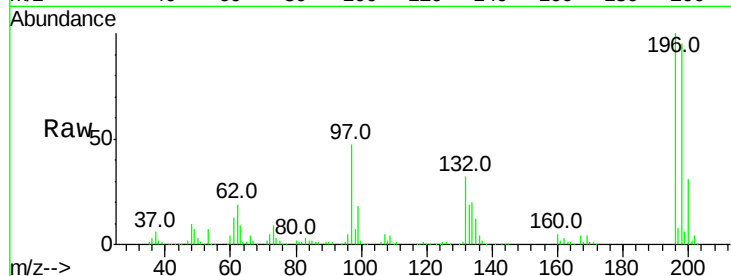
#43
 2,4,5-Trichlorophenol
 Concen: 43.86 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184535		
198	95.3	75.7	113.5	
97	47.5	47.7	71.5#	
132	32.1	28.0	42.0	

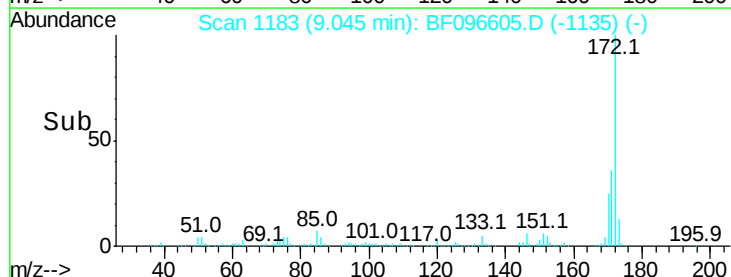
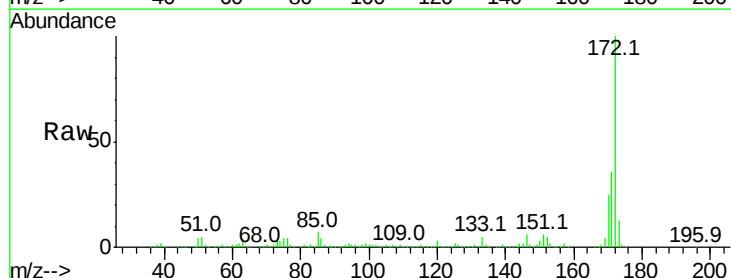
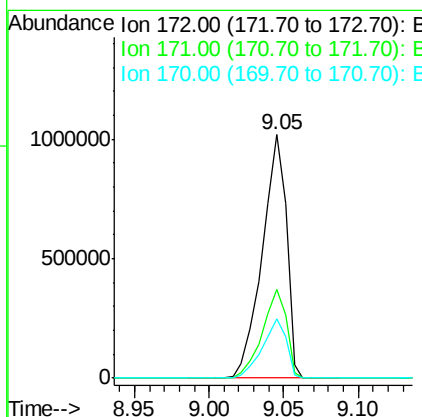
Manual Integrations
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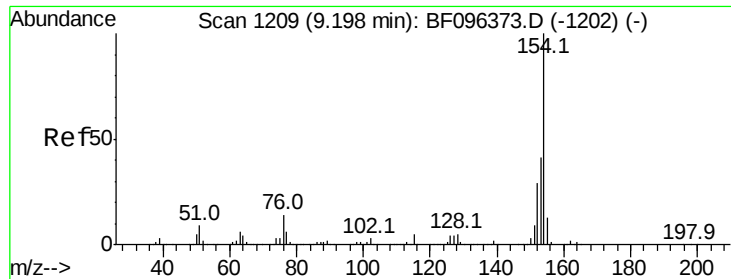
mohammad
 7/11/2017 1:35:22 PM



#44
 2-Fluorobiphenyl
 Concen: 93.71 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1135548		
171	36.4	29.6	44.4	
170	24.6	19.8	29.8	





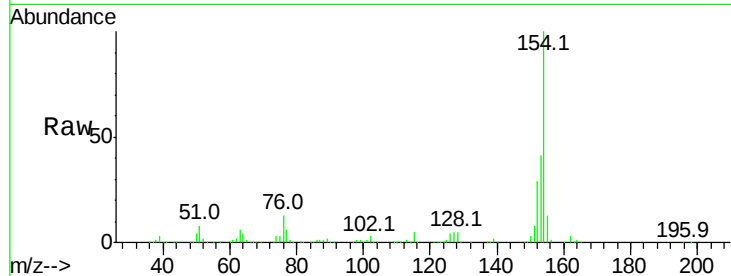
#45
 1,1'-Biphenyl
 Concen: 40.32 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

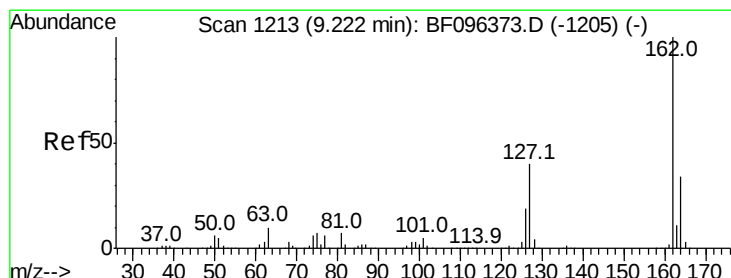
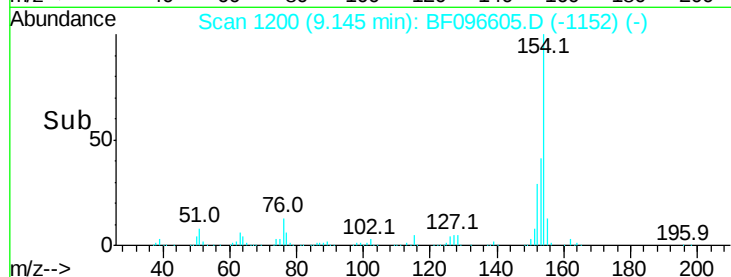
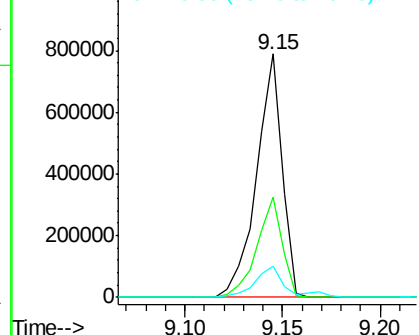
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.2	61.2	
76	12.8	0.0	29.9	

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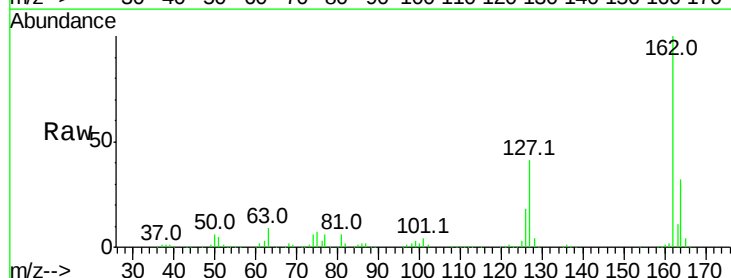


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

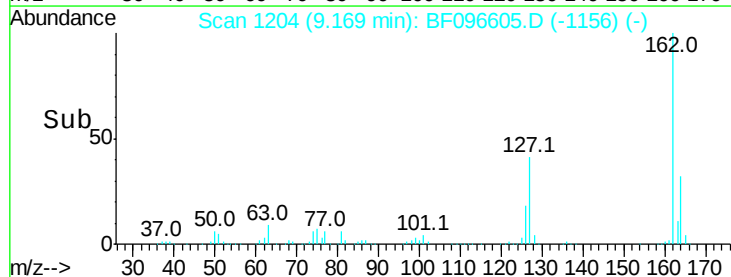
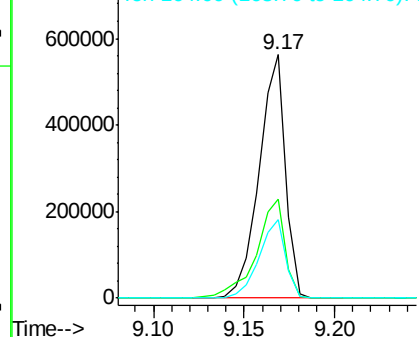


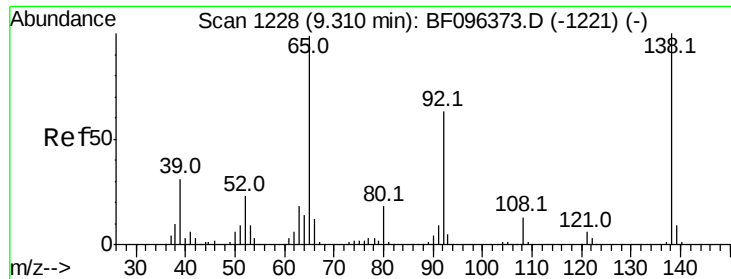
#46
 2-Chloronaphthalene
 Concen: 42.68 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	28.3	42.5	
164	32.2	27.0	40.4	



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





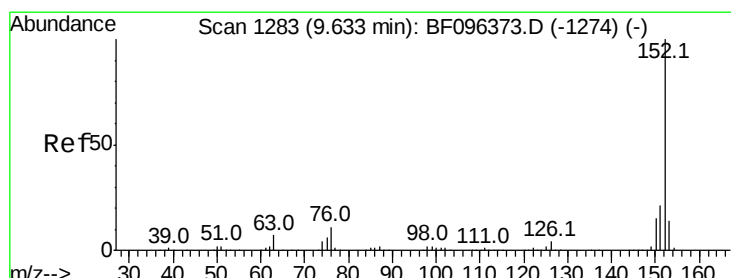
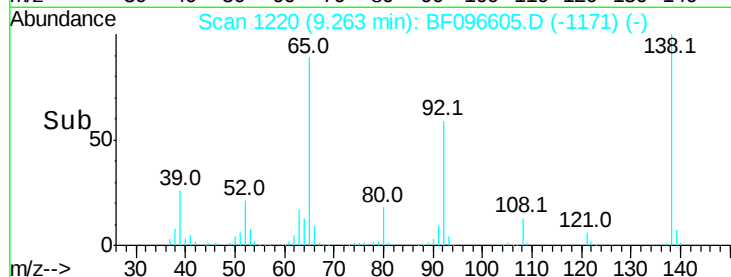
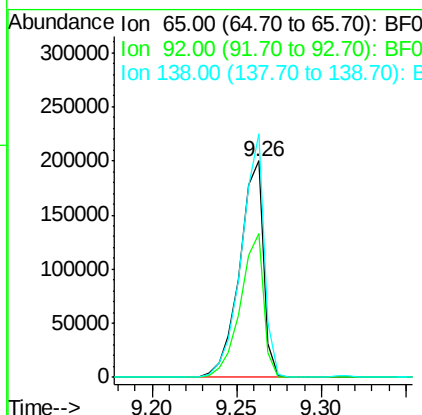
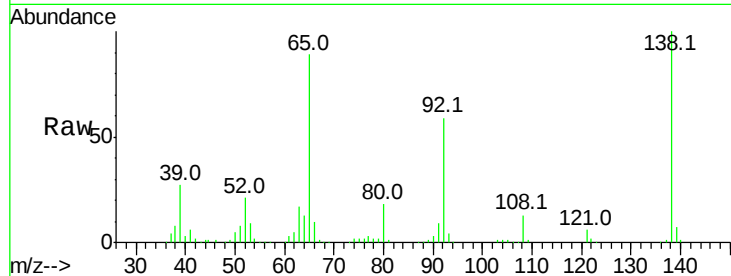
#47
2-Nitroaniline
Concen: 40.91 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.9	80.9
138	112.4	78.8	118.2

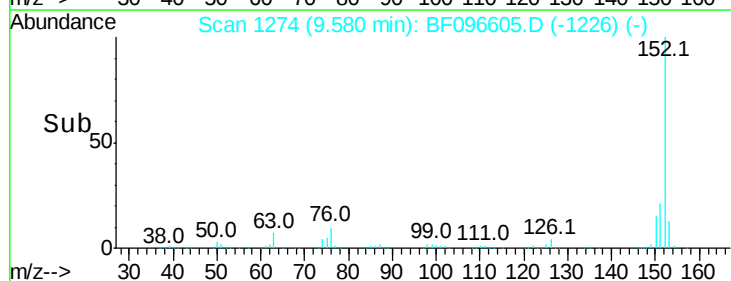
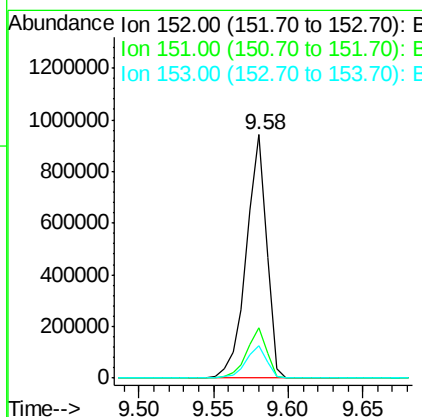
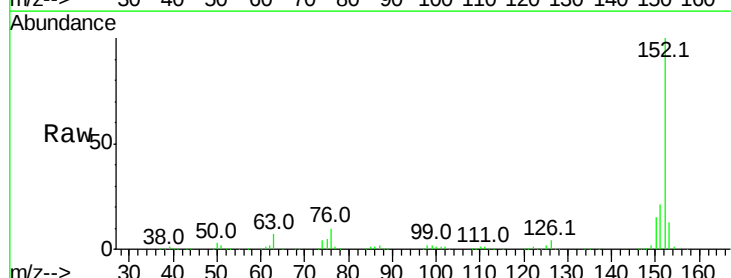
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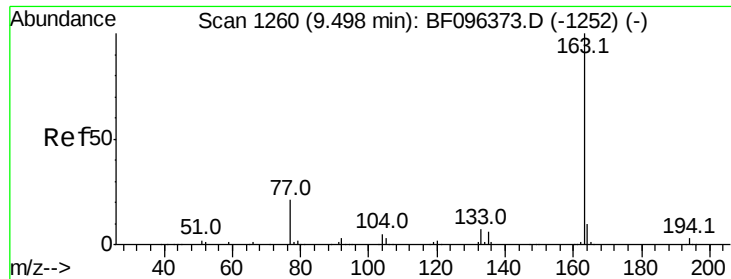
mohammad
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#48
Acenaphthylene
Concen: 42.22 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.8	16.2





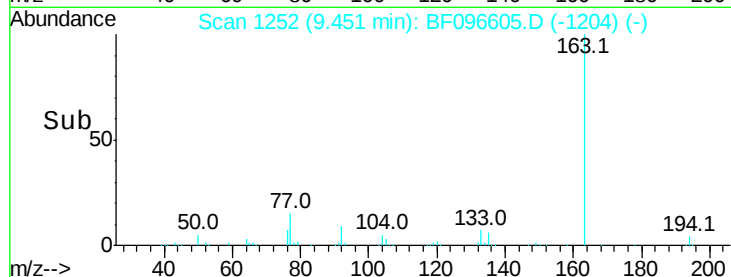
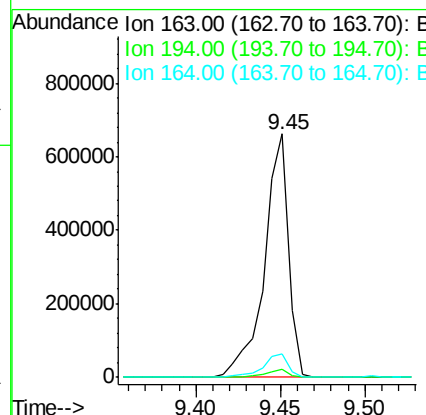
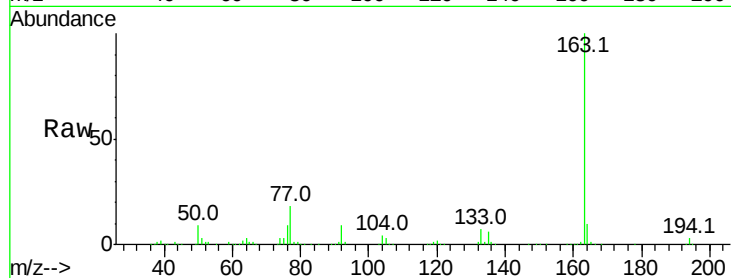
#49
Dimethylphthalate
Concen: 42.30 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.8	8.4	12.6	

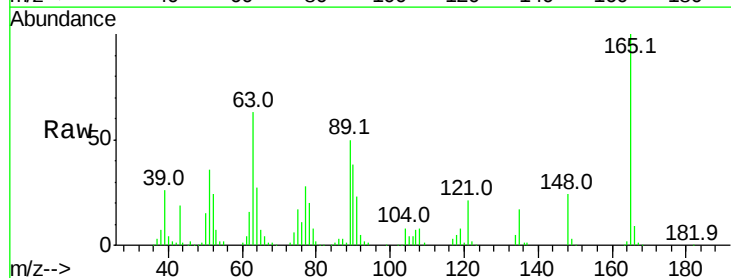
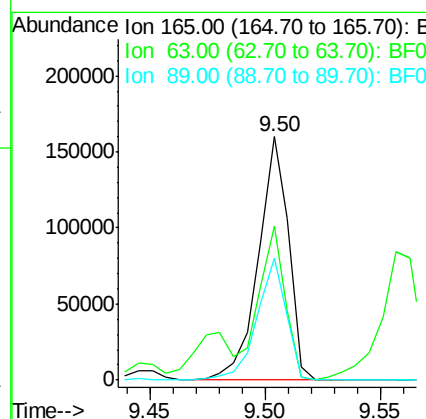
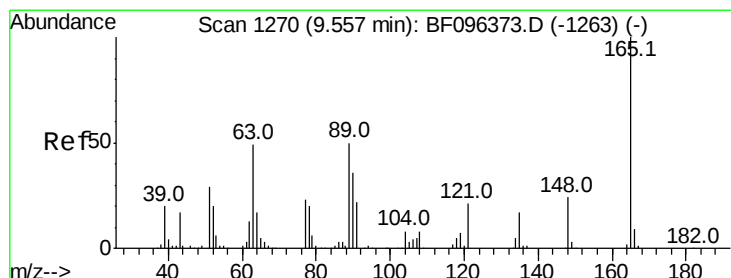
Manual Integrations
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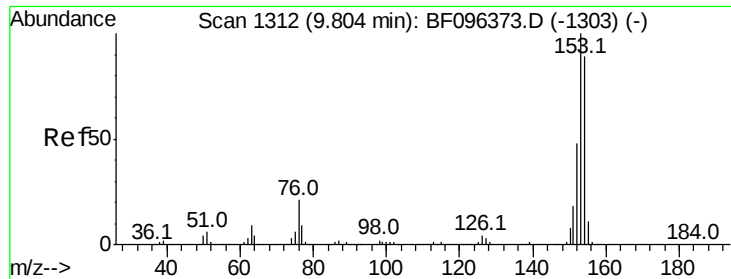
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.60 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.0	34.3	51.5#	
89	50.3	37.1	55.7	





#51

Acenaphthene

Concen: 39.95 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

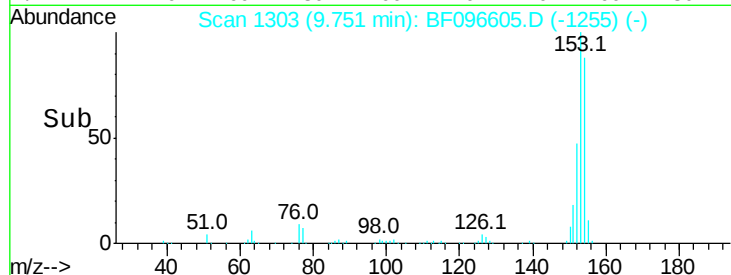
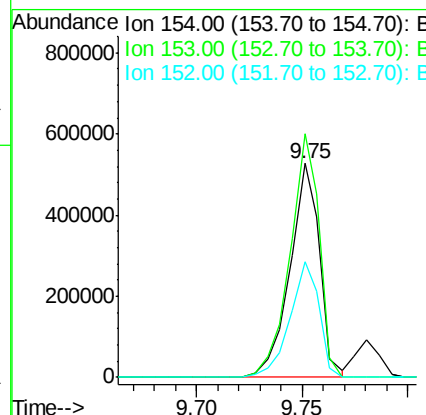
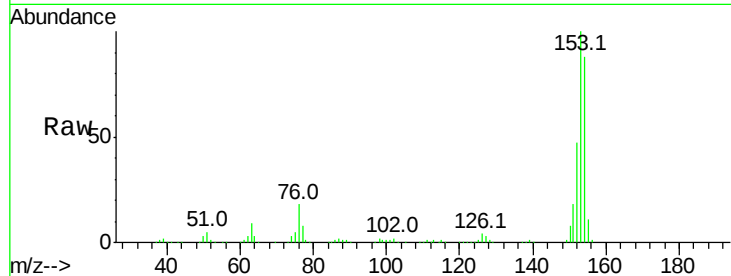
ClientSampleId :

PB100517BS

Tot Ion:	154	Resp:	516145
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	53.9	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.33 ng

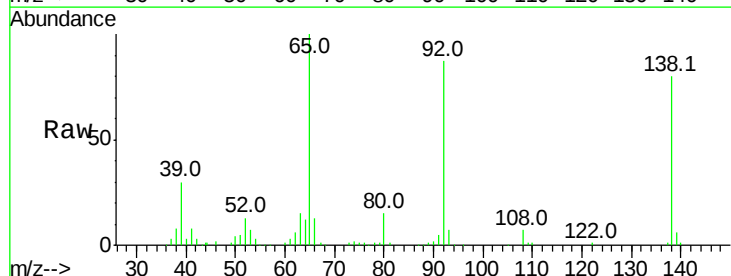
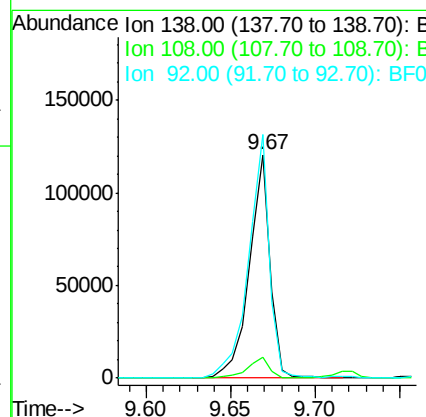
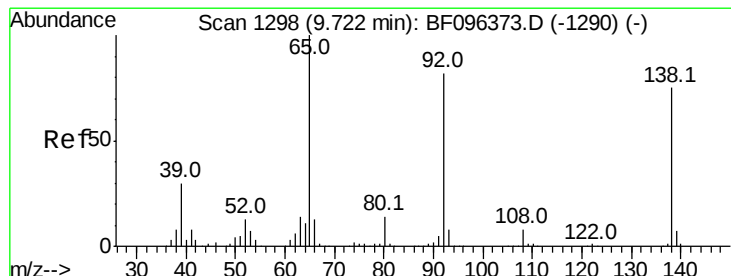
RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:	138	Resp:	103775
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.1	13.7
92	109.1	93.8	140.6





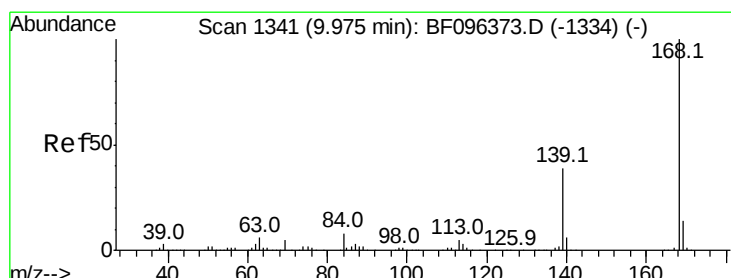
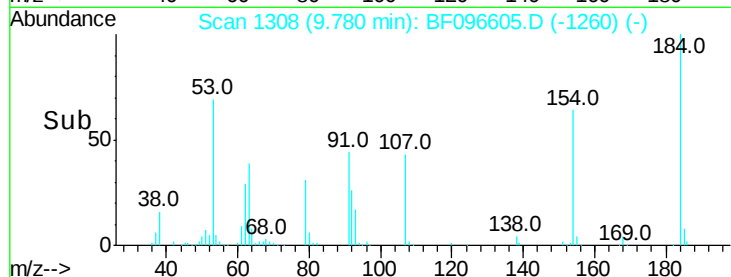
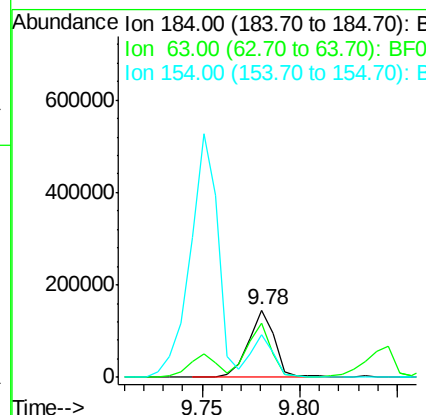
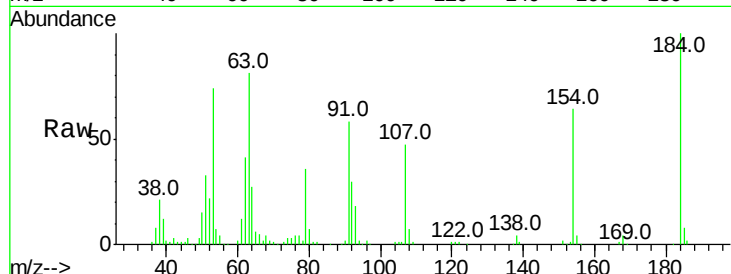
#53
2,4-Dinitrophenol
Concen: 75.24 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	136677		
63	81.2	62.7	94.1	
154	63.6	81.1	121.7	

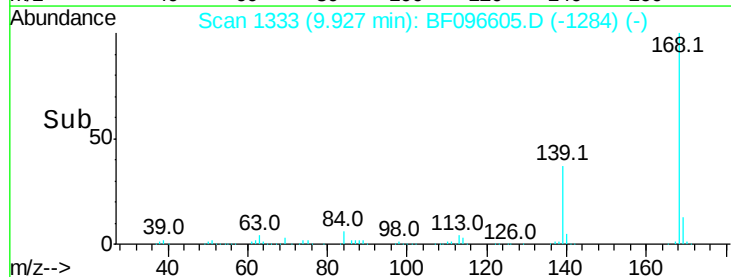
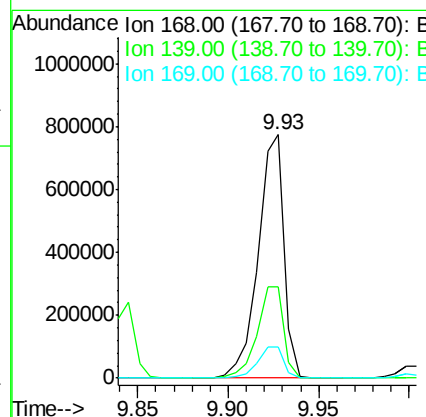
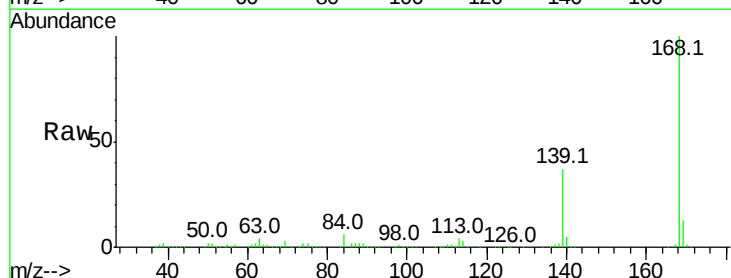
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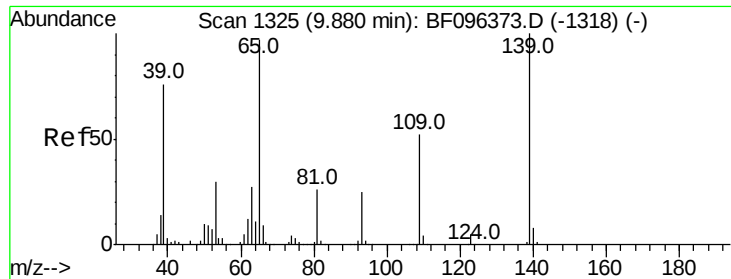
mohammad
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#54
Dibenzofuran
Concen: 44.79 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	764071		
139	37.3	30.6	45.8	
169	12.6	10.8	16.2	





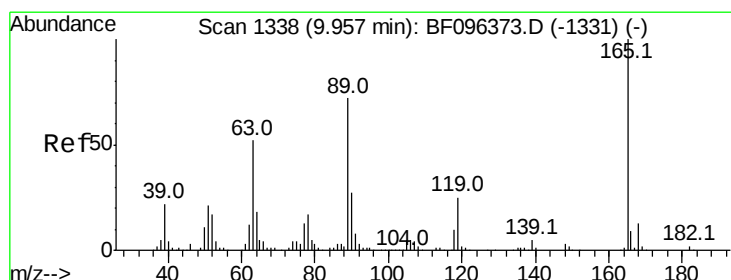
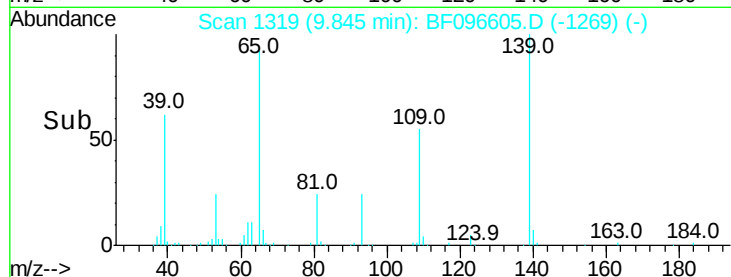
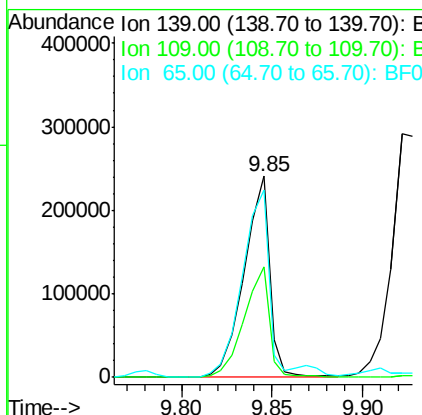
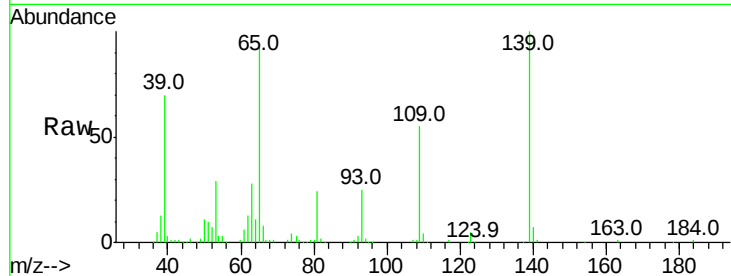
#55
4-Nitrophenol
Concen: 67.11 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.7	34.1	74.1	
65	93.2	31.4	71.4	

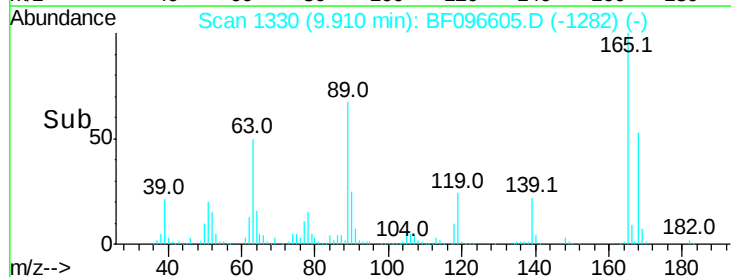
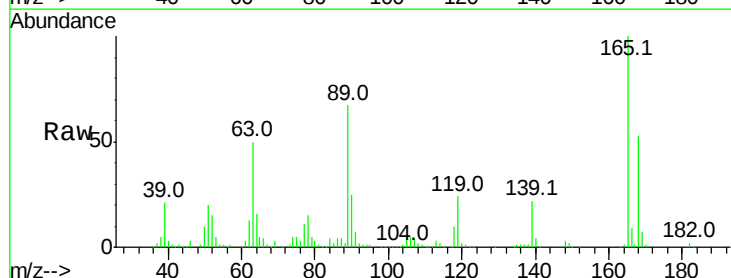
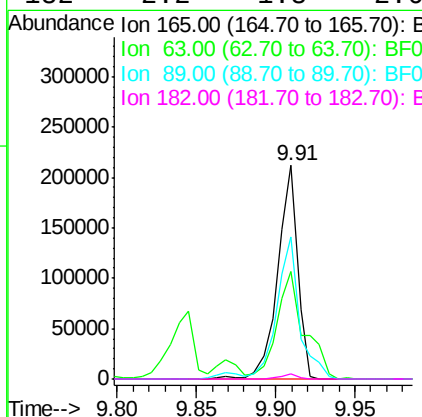
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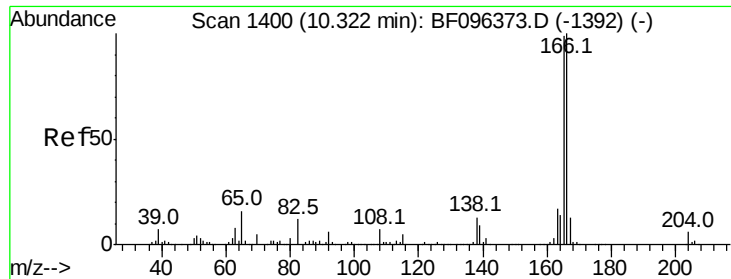
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.88 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.4	25.4	38.0	
89	66.5	46.4	69.6	
182	2.2	1.8	2.6	





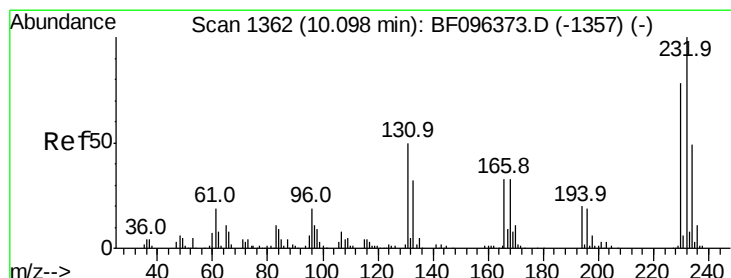
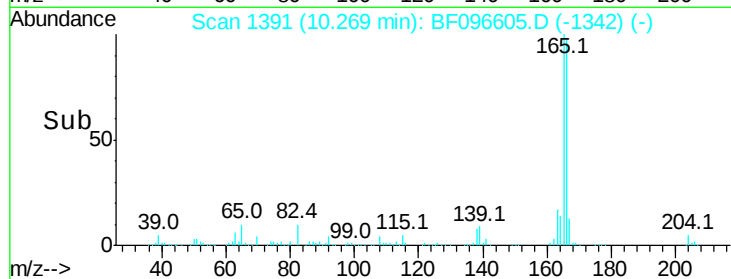
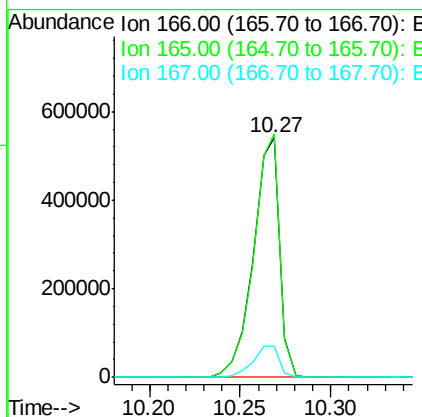
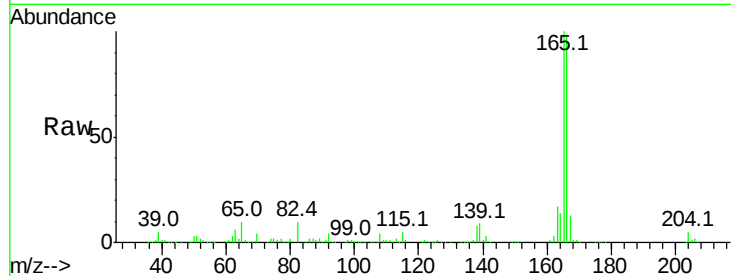
#57
Fluorene
 Concen: 45.01 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.7	78.8	118.2	
167	13.2	10.6	16.0	

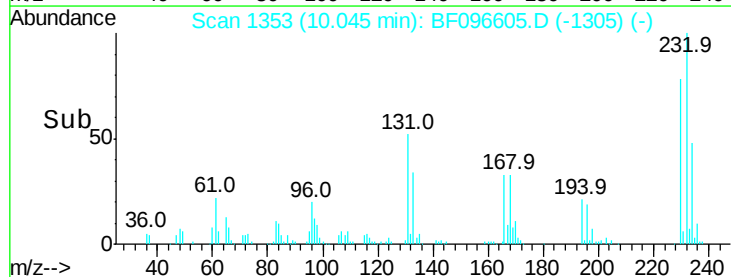
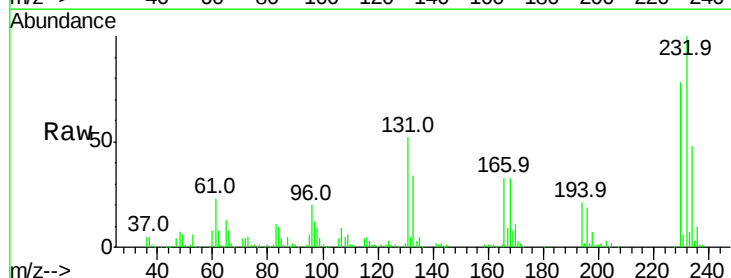
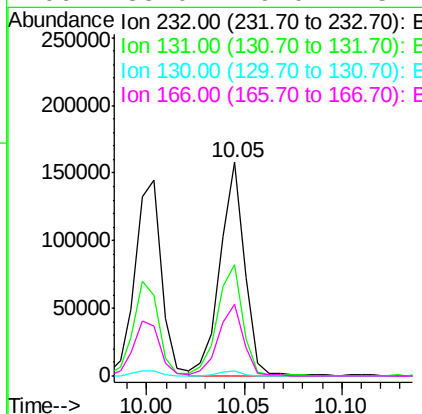
Manual Integrations
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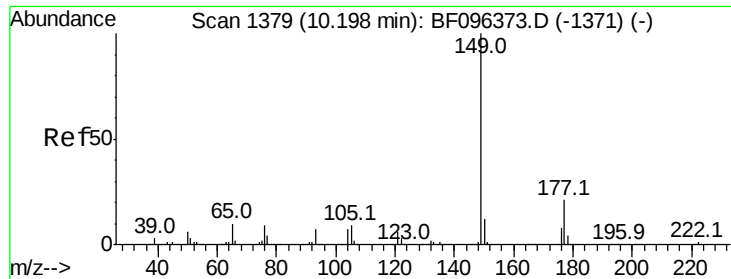
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.98 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.6	44.8	67.2	
130	2.5	2.3	3.5	
166	35.0	29.0	43.4	





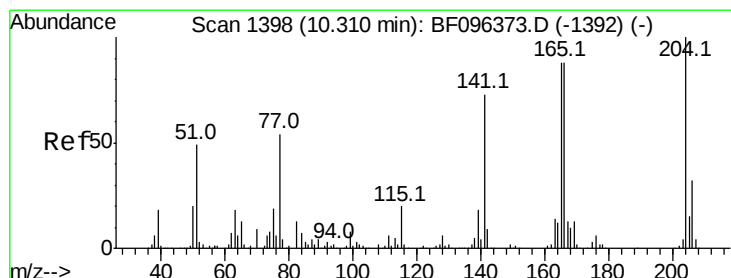
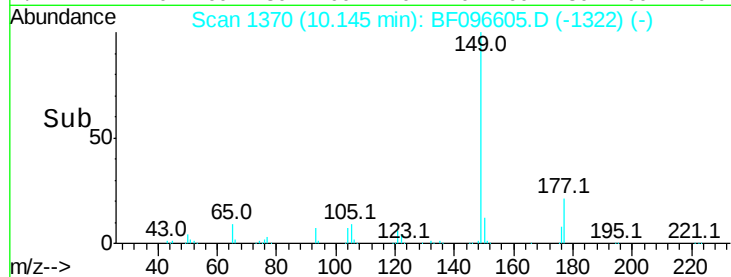
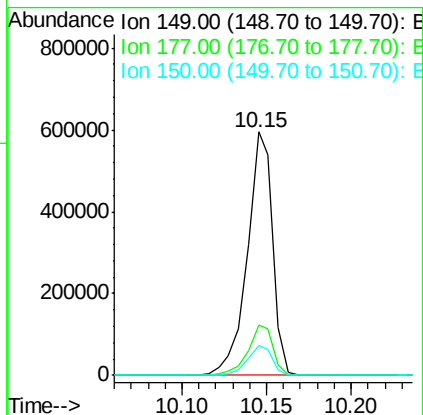
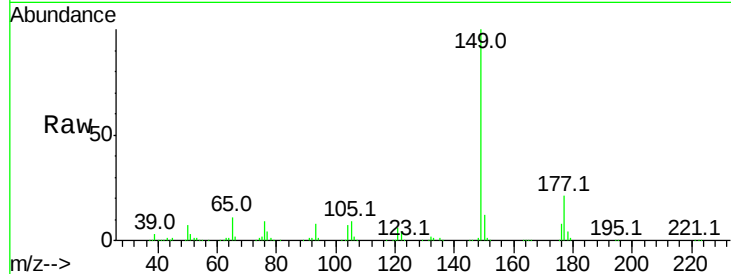
#59
Diethylphthalate
Concen: 42.55 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	622071		
177	20.8	16.7	25.1	
150	12.3	10.2	15.2	

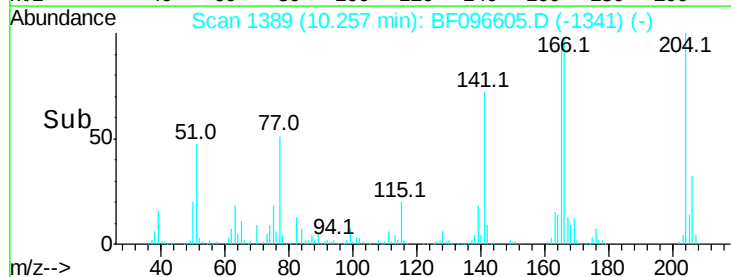
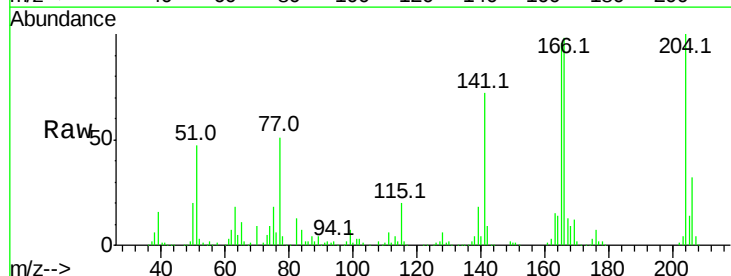
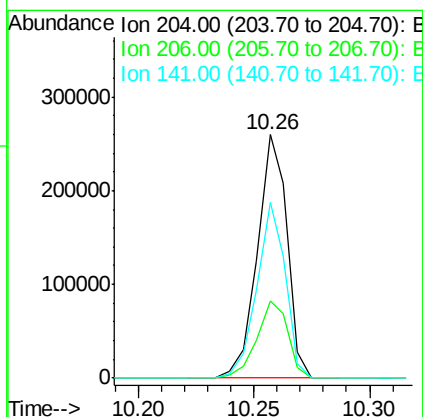
Manual Integrations
APPROVED

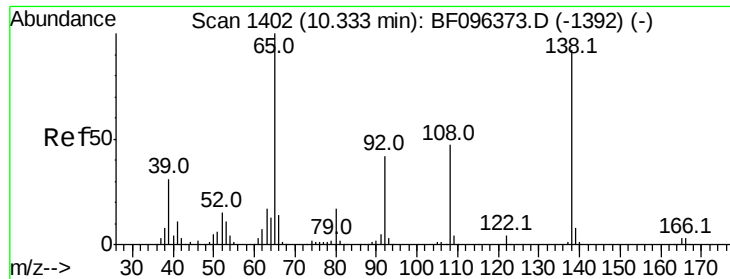
mohammad
7/11/2017 1:35:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.52 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	233381		
206	31.7	26.2	39.2	
141	72.1	60.8	91.2	





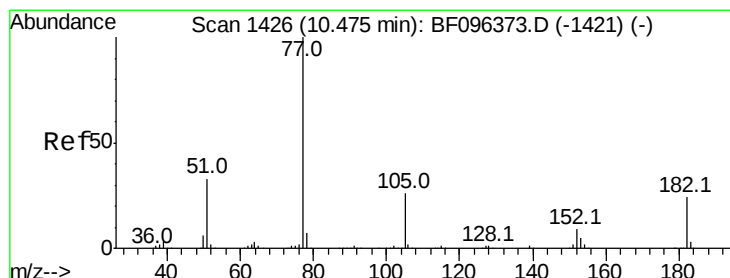
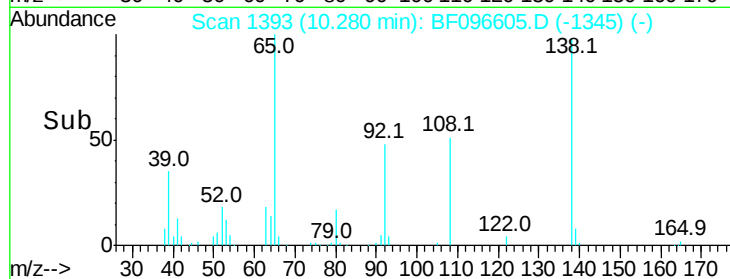
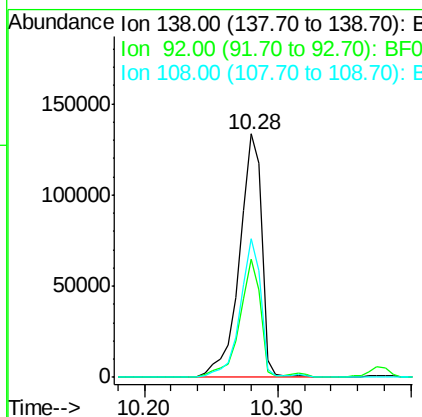
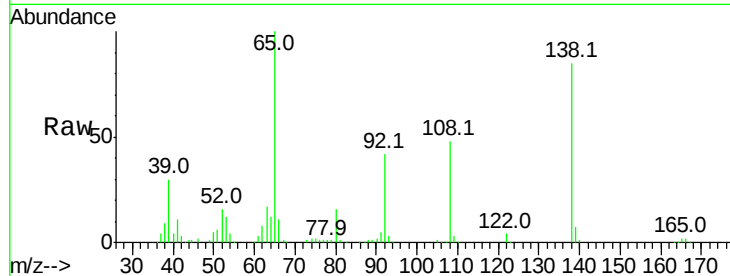
#61
4-Nitroaniline
Concen: 39.82 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	21.8	61.8
108	56.7	42.3	82.3

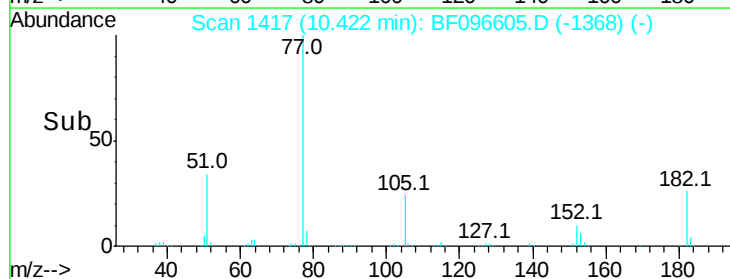
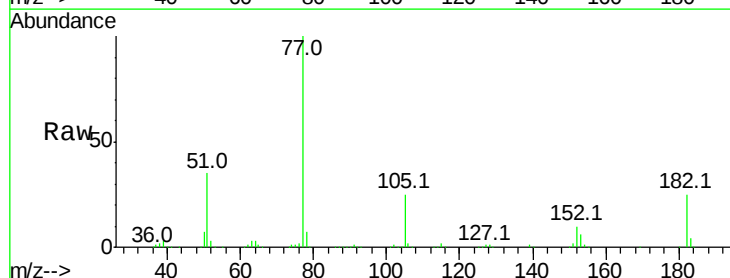
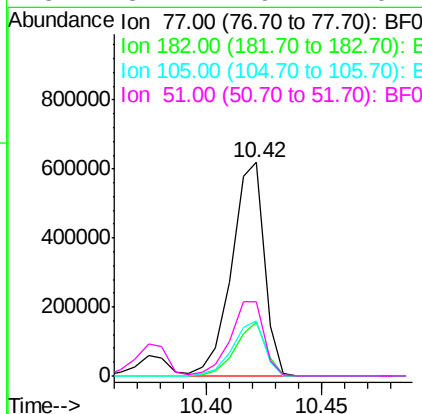
Manual Integrations
APPROVED

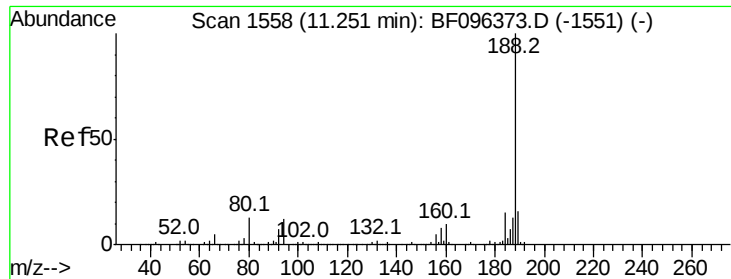
mohammad
7/11/2017 1:35:22 PM



#62
Azobenzene
Concen: 43.09 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	0.1	40.1
105	25.5	3.6	43.6
51	34.7	9.4	49.4





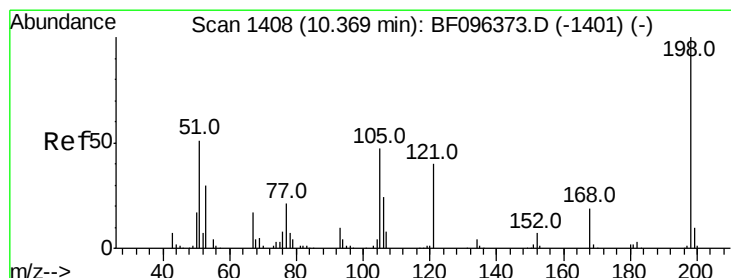
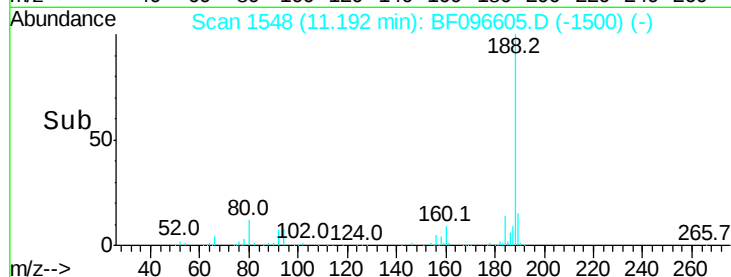
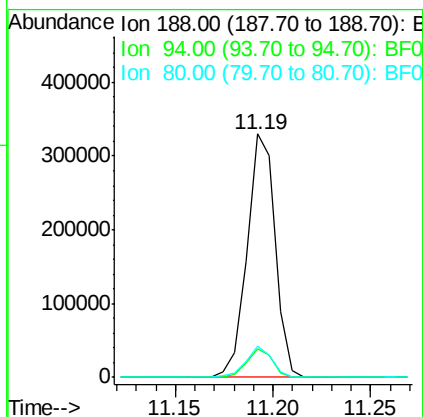
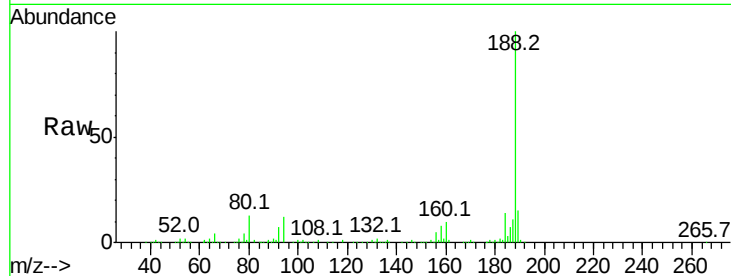
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	328499		
94	11.9		9.4	14.2
80	12.7		10.2	15.2

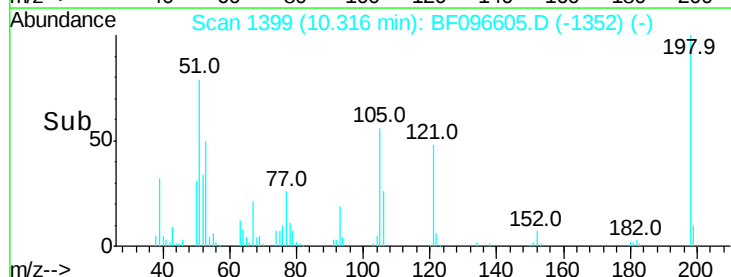
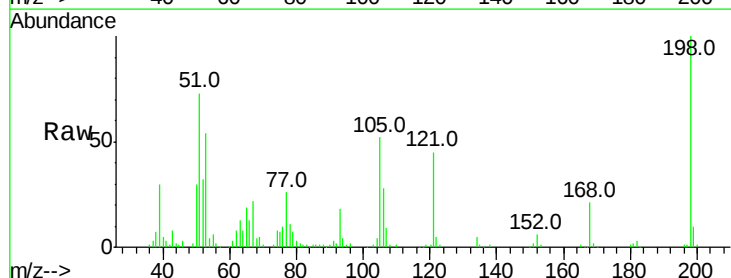
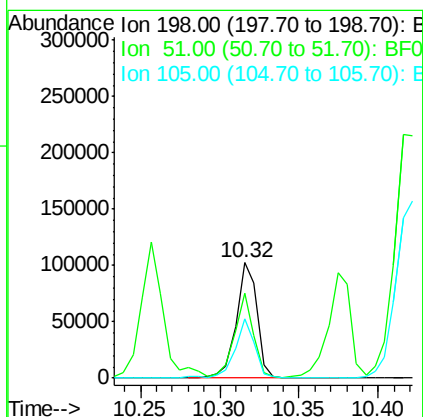
Manual Integrations
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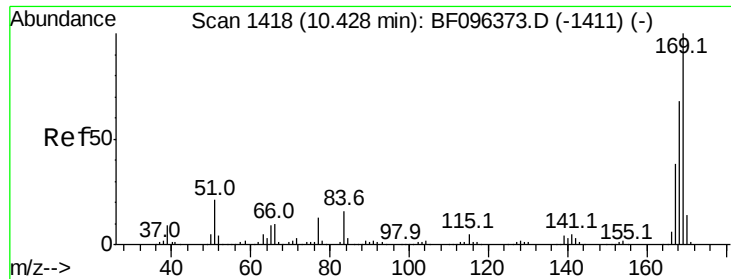
mohammad
7/11/2017 1:35:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.38 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	93745		
51	73.4		53.2	93.2
105	51.7		45.8	85.8





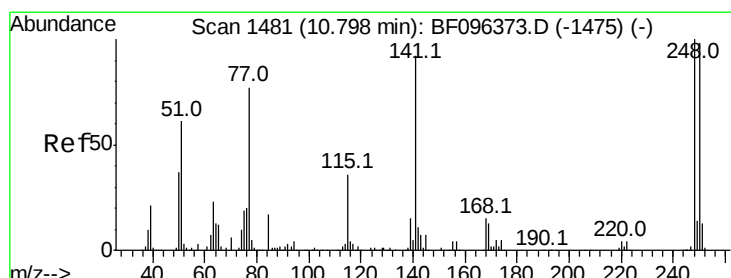
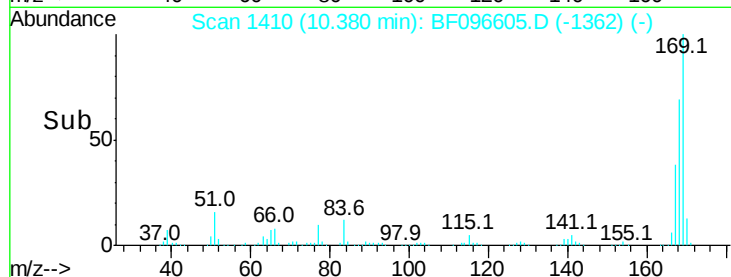
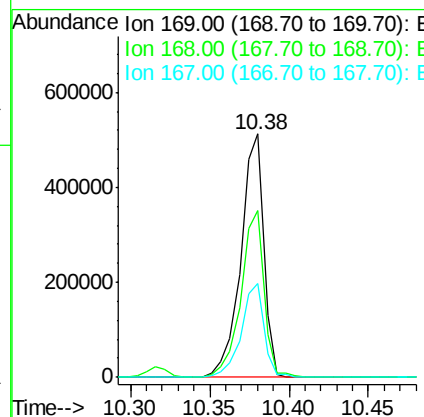
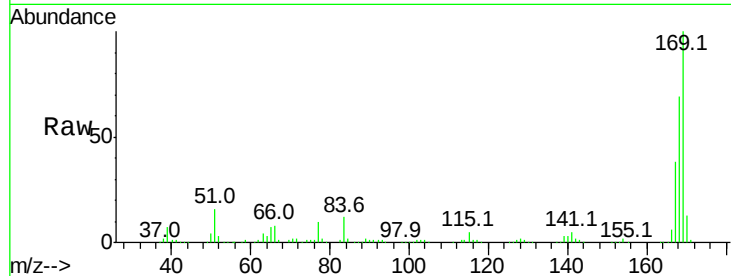
#65
 n-Nitrosodiphenylamine
 Concen: 44.49 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	512749		
168	68.6		53.2	79.8
167	38.5		29.5	44.3

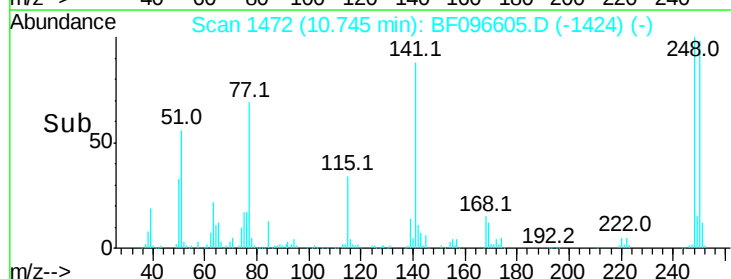
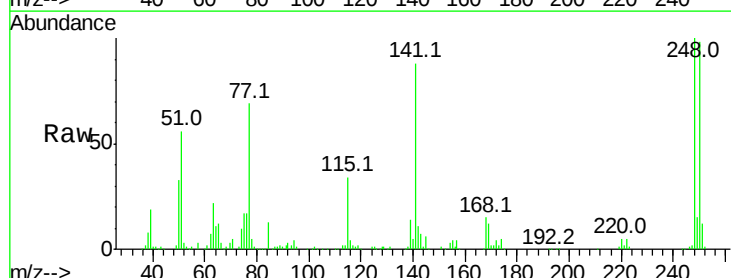
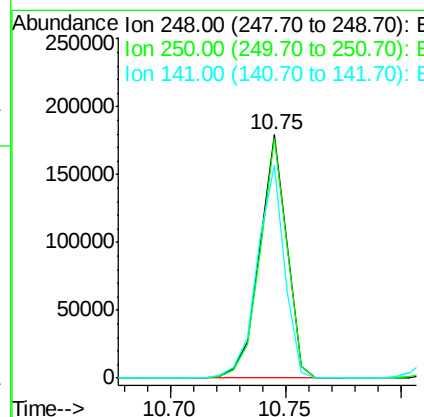
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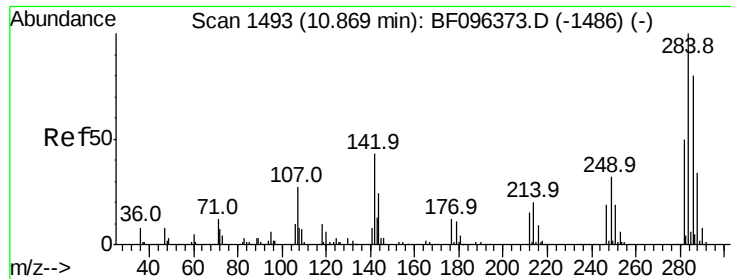
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 46.64 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	149136		
250	98.4		76.8	115.2
141	87.7		68.6	103.0





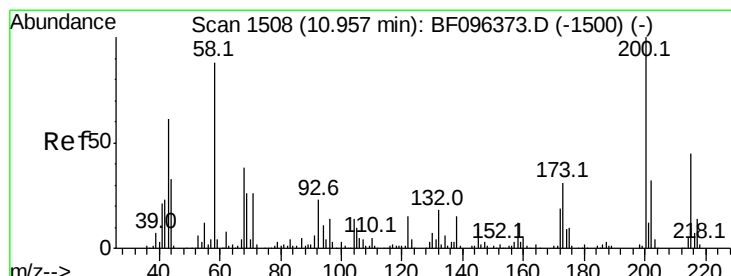
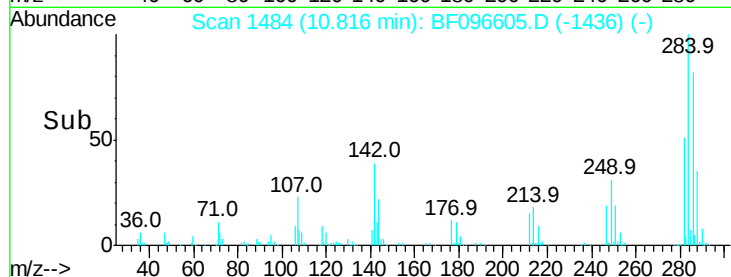
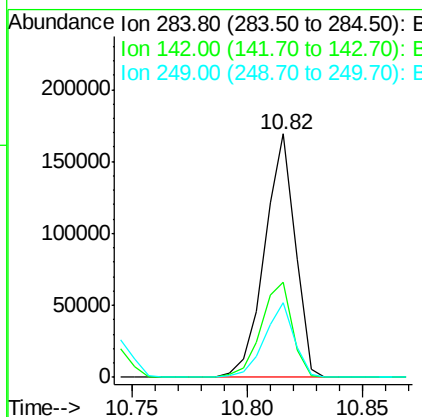
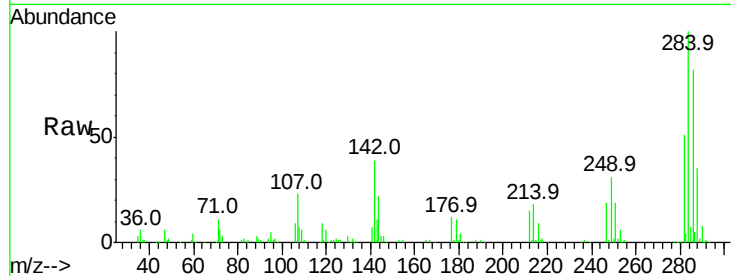
#67
Hexachlorobenzene
Concen: 44.30 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.9	22.8	34.2#	
249	30.8	24.0	36.0	

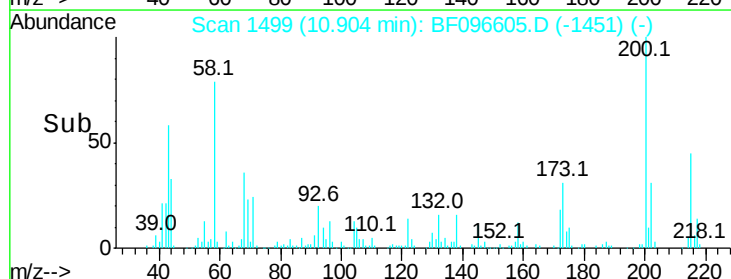
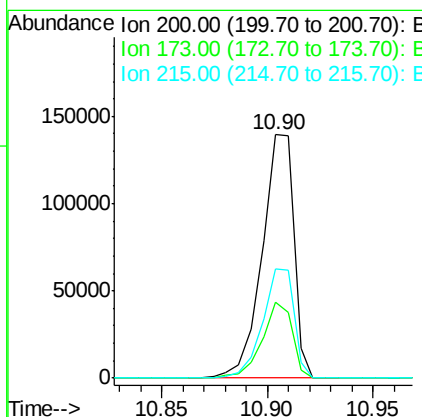
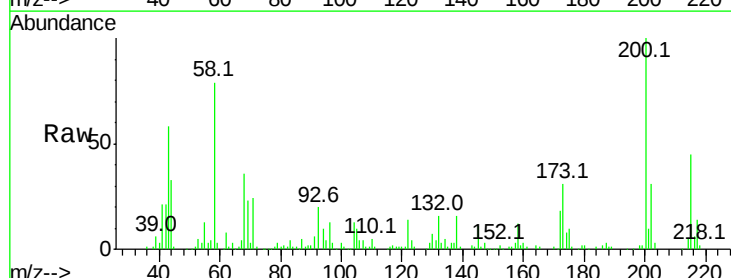
Manual Integrations
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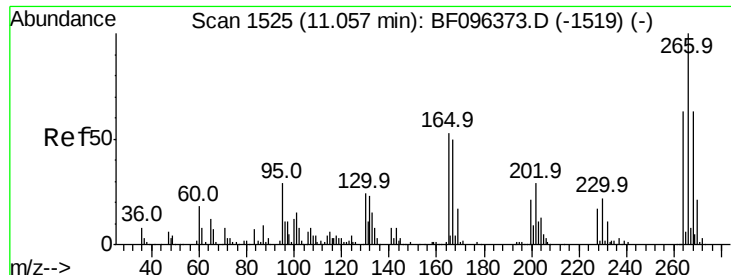
mohammad
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#68
Atrazine
Concen: 44.45 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.2	6.3	46.3	
215	44.8	27.2	67.2	





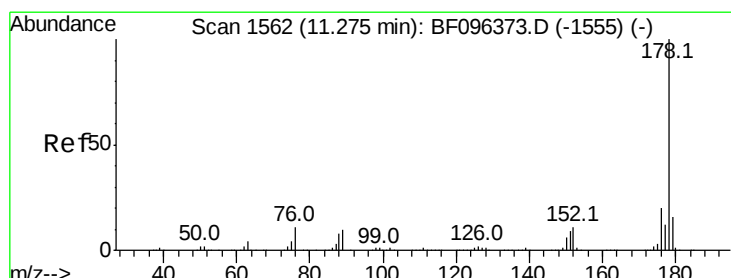
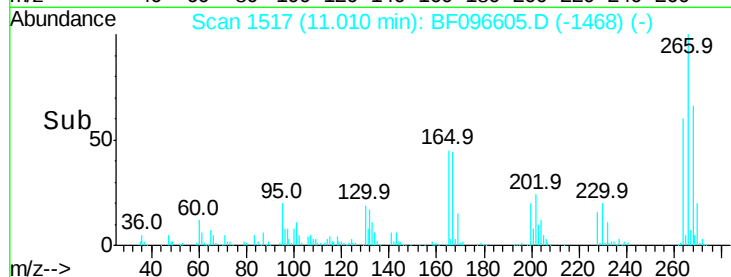
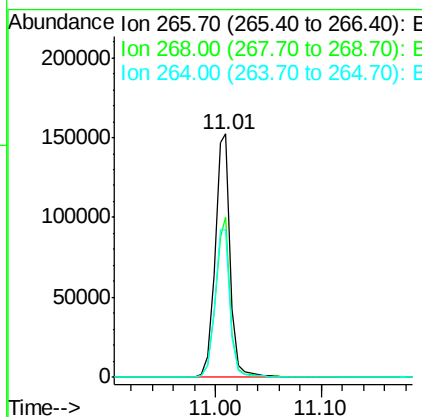
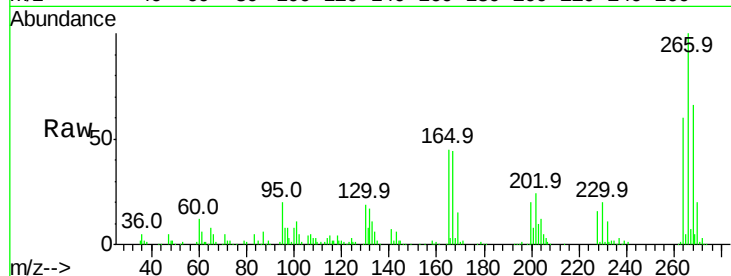
#69
 Pentachlorophenol
 Concen: 75.34 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	156300		
268	65.7		51.1	76.7
264	60.4		51.7	77.5

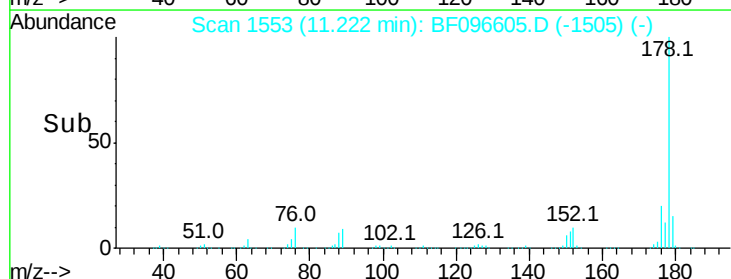
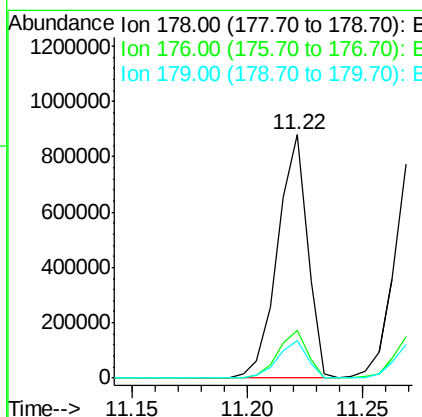
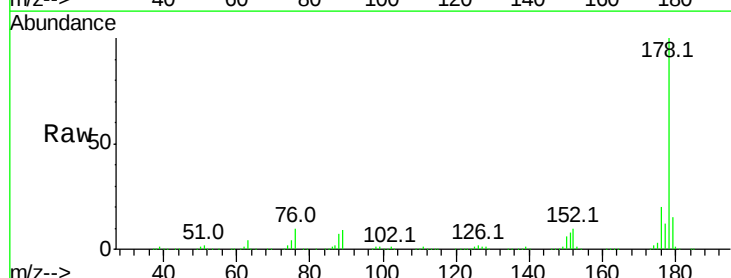
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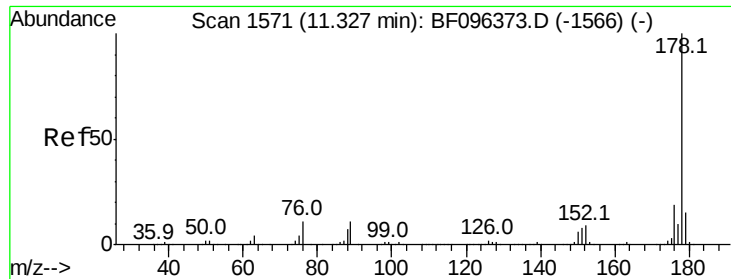
mohammad
 7/11/2017 1:35:22 PM



#70
 Phenanthrene
 Concen: 44.49 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	790107		
176	19.5		16.2	24.4
179	15.3		12.6	19.0





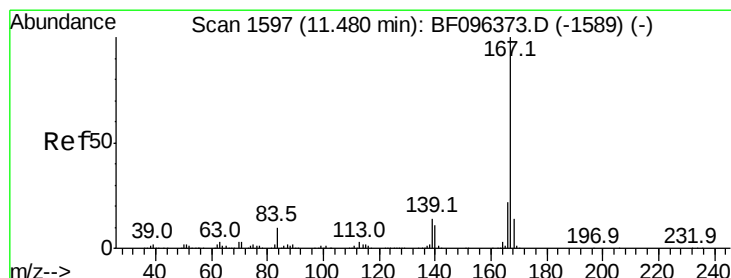
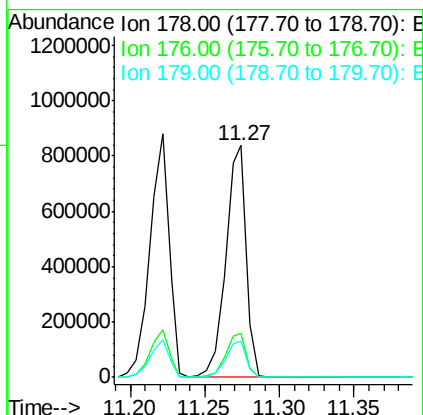
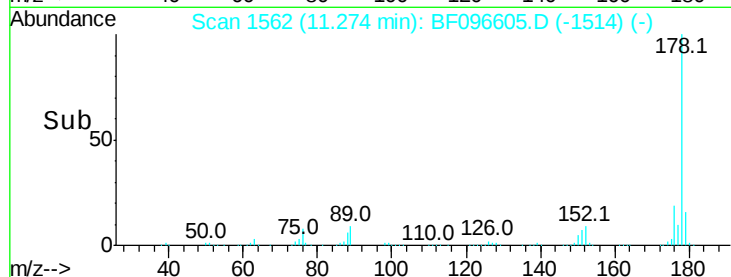
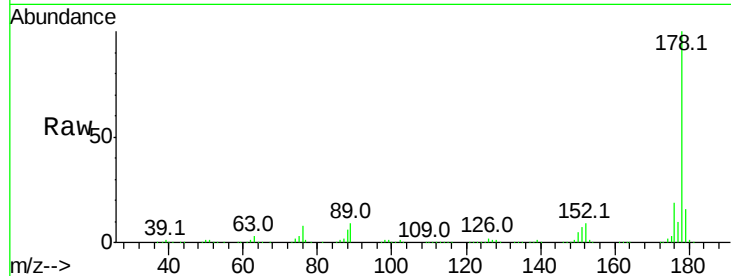
#71
 Anthracene
 Concen: 44.85 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	12.7	19.1

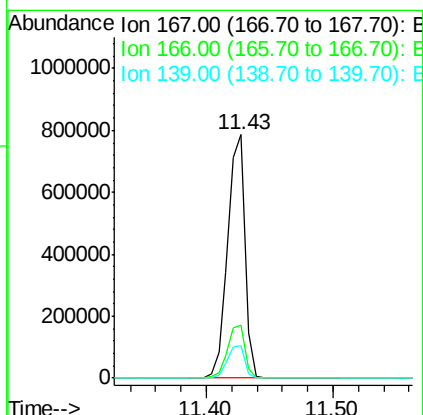
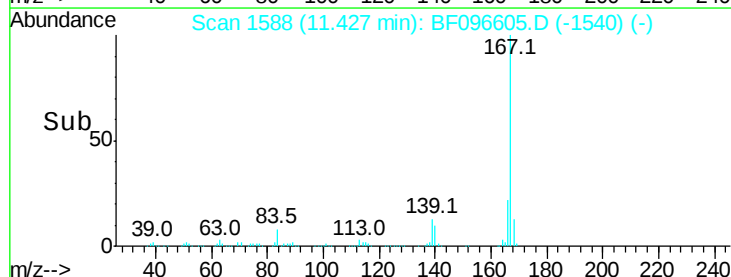
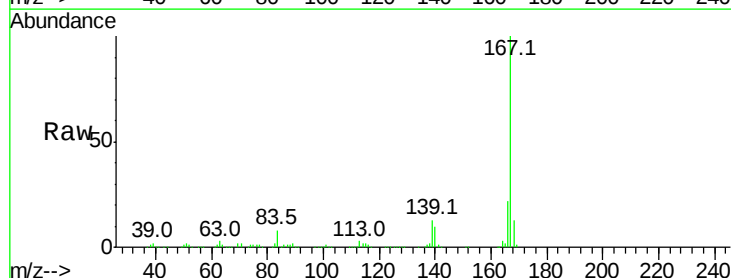
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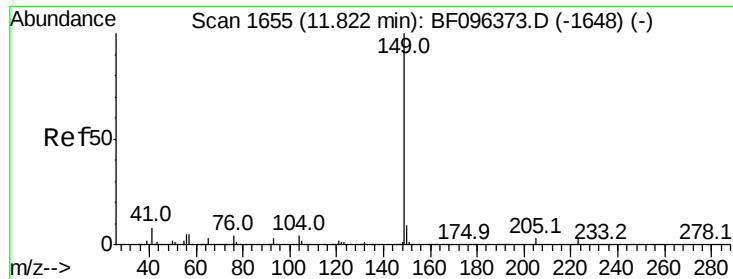
mohammad
 7/11/2017 1:35:22 PM



#72
 Carbazole
 Concen: 40.95 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.3	11.7	17.5





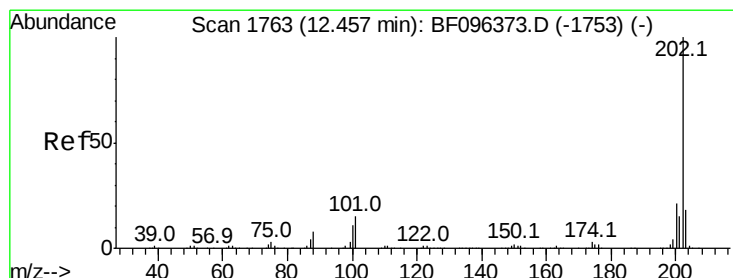
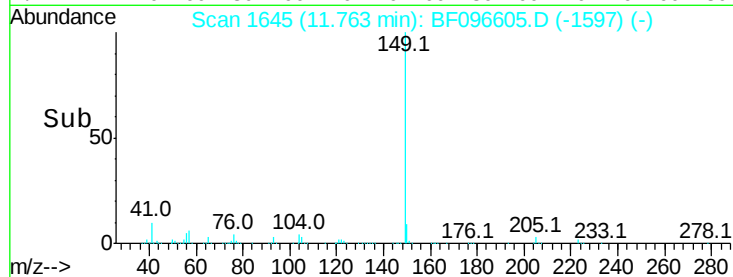
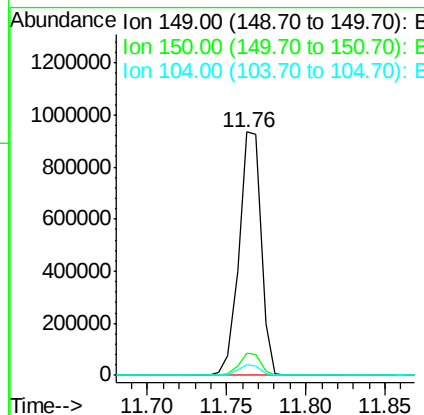
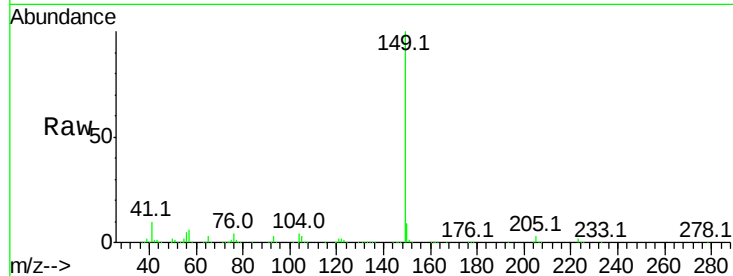
#73
Di-n-butylphthalate
Concen: 40.92 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

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

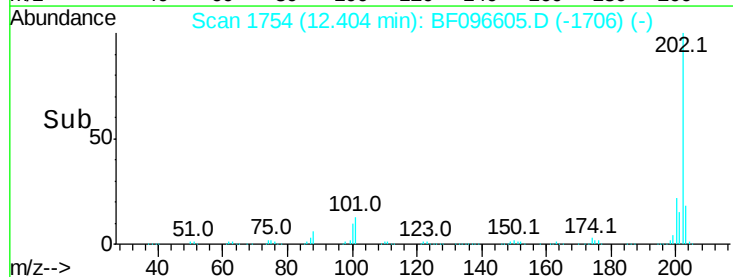
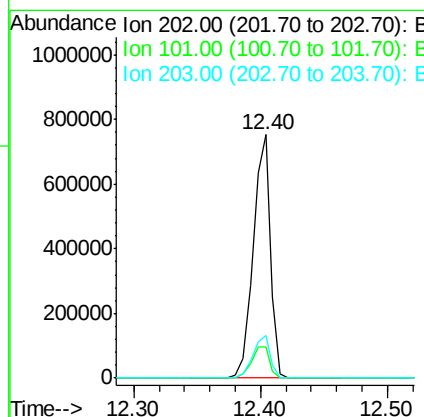
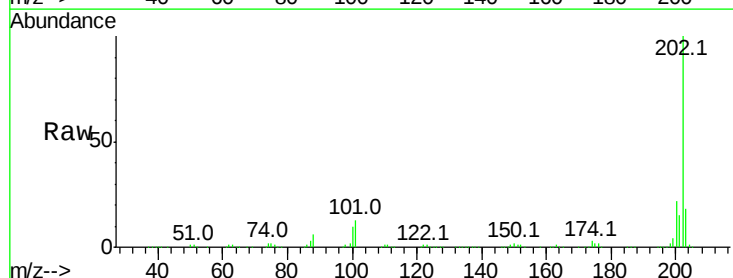
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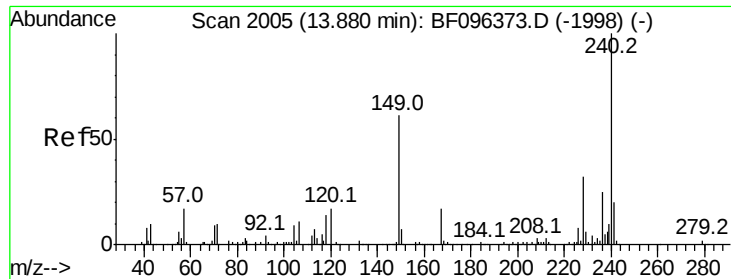
mohammad
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#74
Fluoranthene
Concen: 41.05 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	0.0	33.2	
203	17.5	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

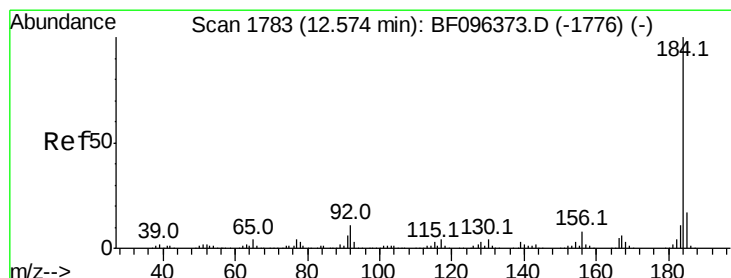
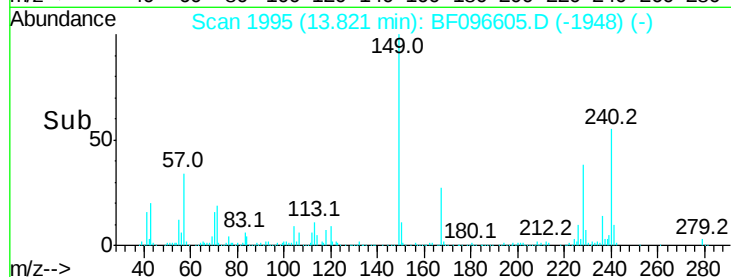
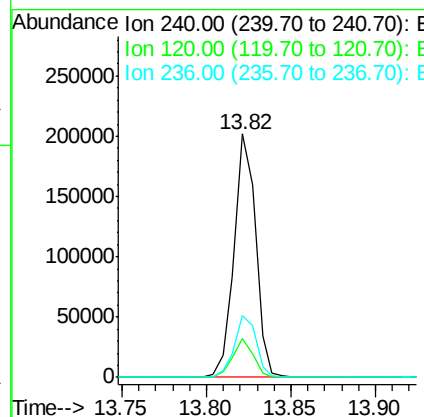
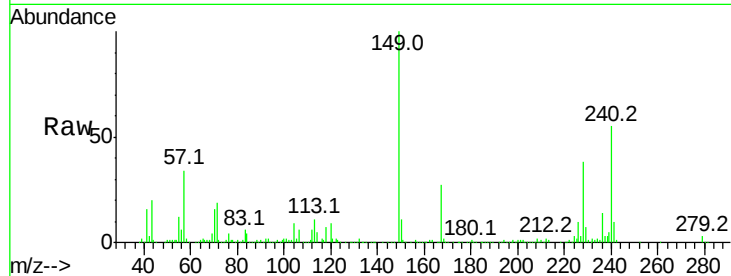
ClientSampled :

PB100517BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	25.7	20.5	30.7

Manual Integrations
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#76

Benzidine

Concen: 35.46 ng

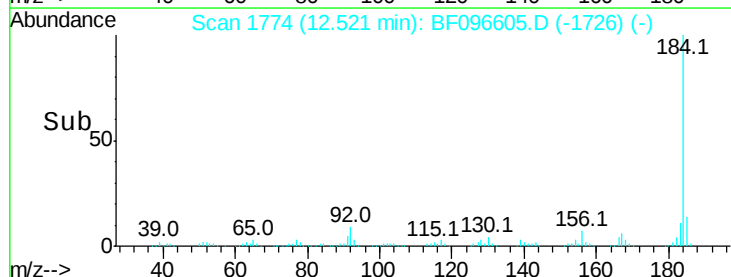
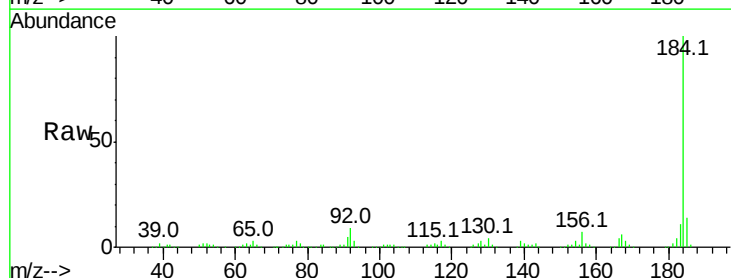
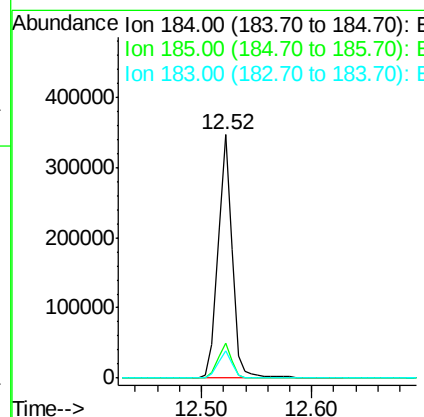
RT: 12.52 min Scan# 1774

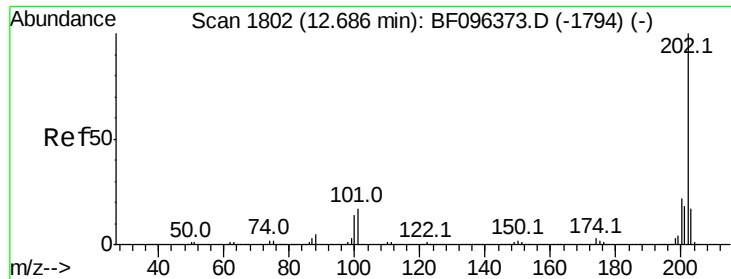
Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	11.4	9.8	14.6





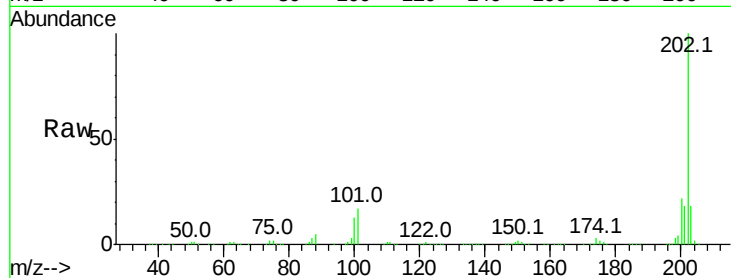
#77
Pvrene
Concen: 50.50 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.0	14.4	21.6

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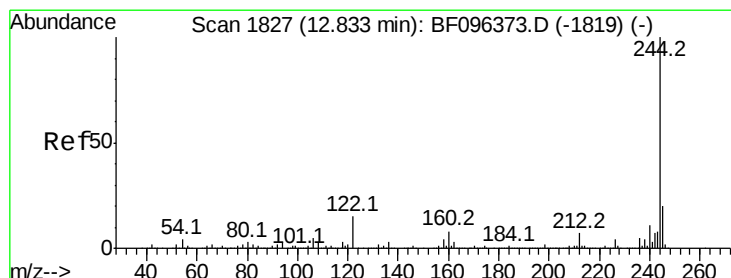
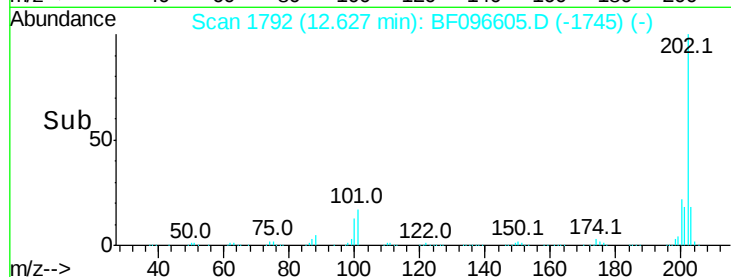
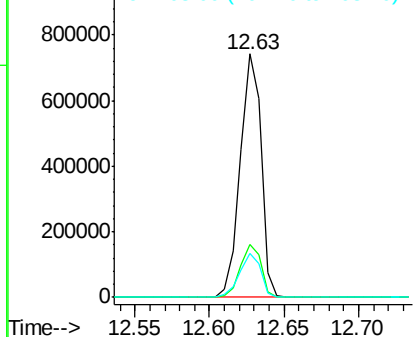


Abundance

Ion 202.00 (201.70 to 202.70): E

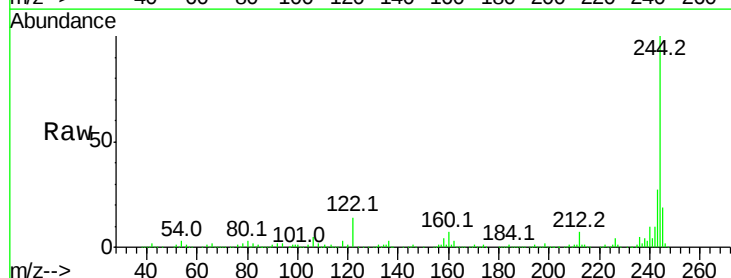
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 89.72 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.7	10.3	15.5

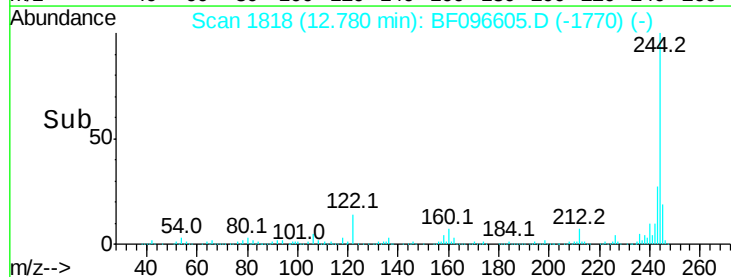
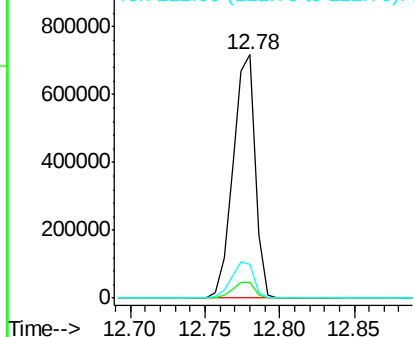


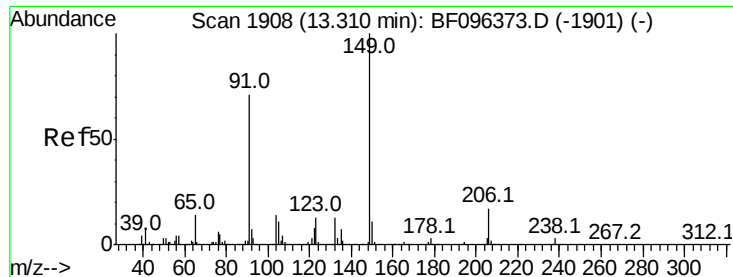
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





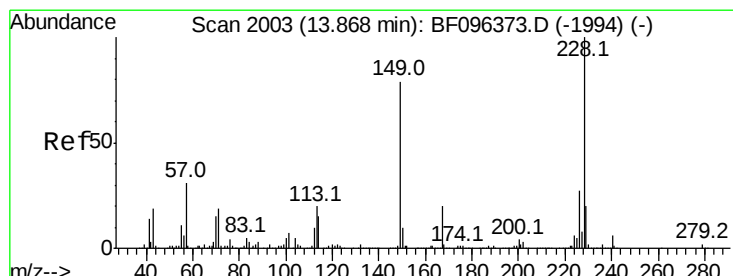
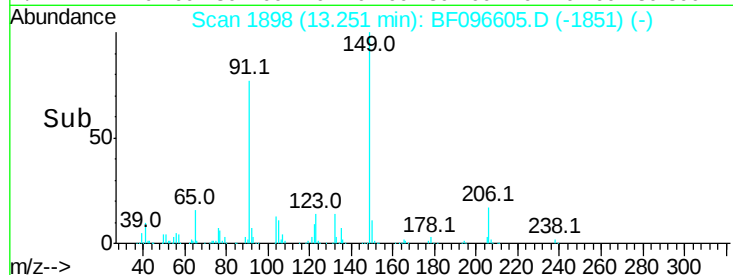
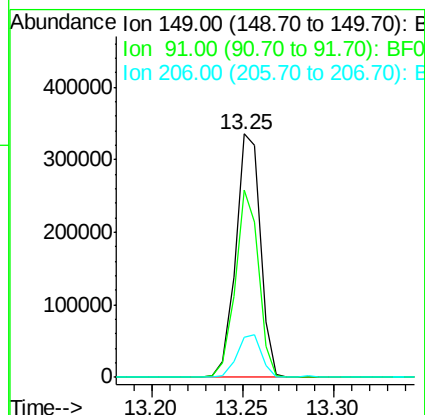
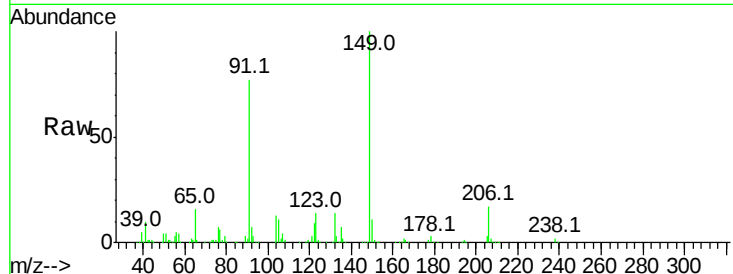
#79
Butylbenzylphthalate
Concen: 43.65 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	77.0	45.0	67.4#	
206	16.6	17.0	25.6#	

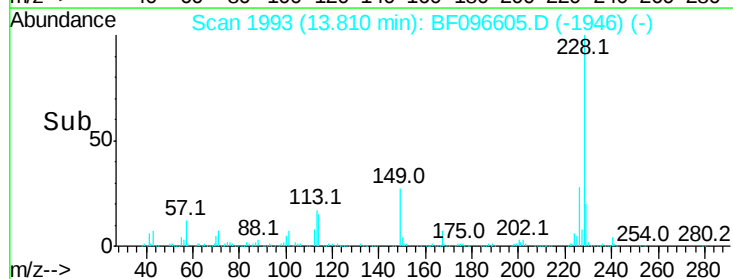
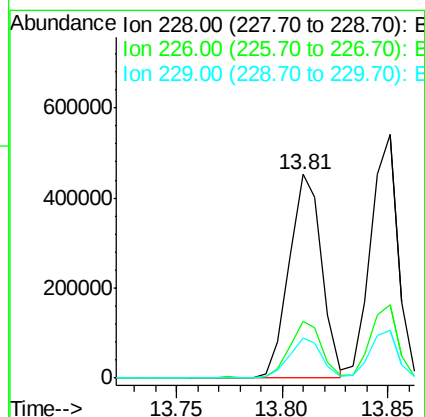
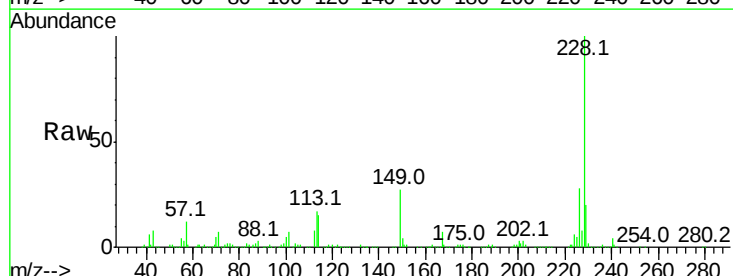
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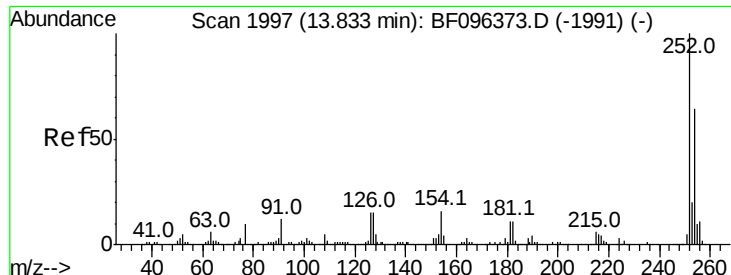
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#80
Benzo(a)anthracene
Concen: 46.76 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.9	22.6	33.8	
229	20.0	16.3	24.5	





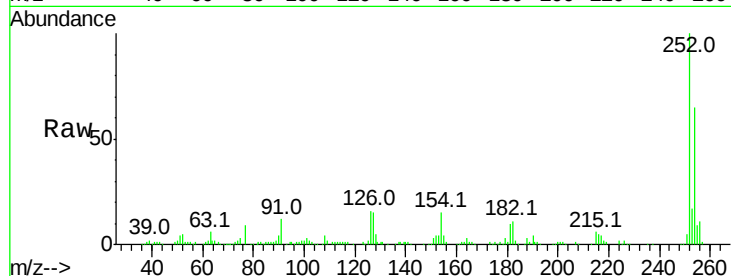
#81
 3,3'-Dichlorobenzidine
 Concen: 30.55 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	16.4	15.8	23.8

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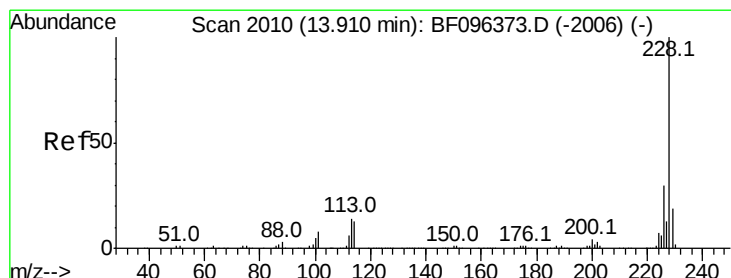
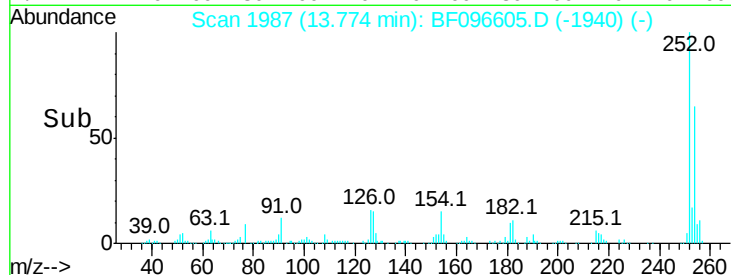
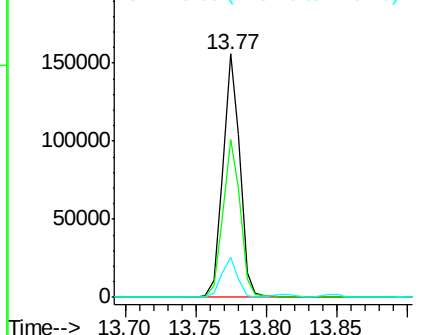


Abundance

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: 45.05 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

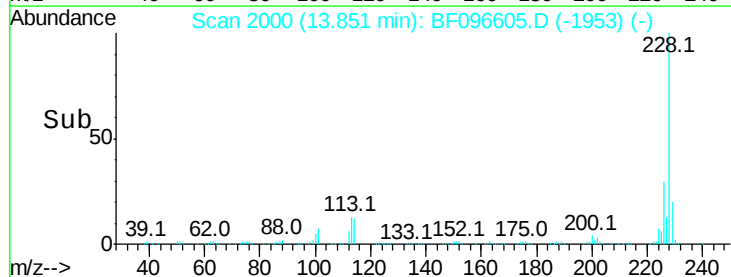
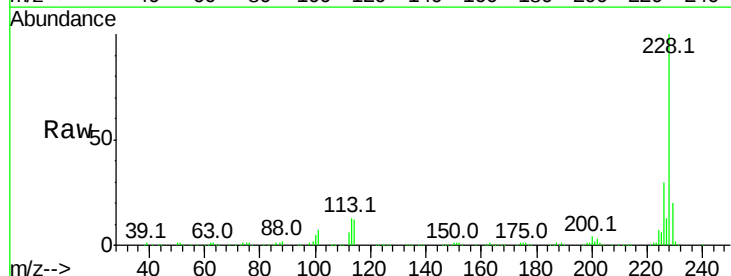
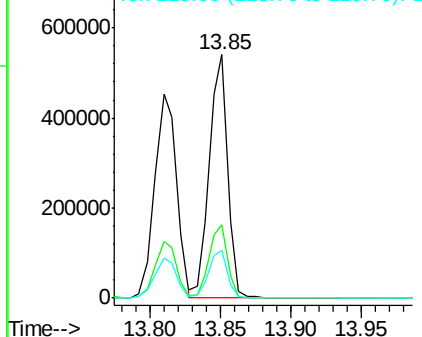
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.7	15.8	23.6

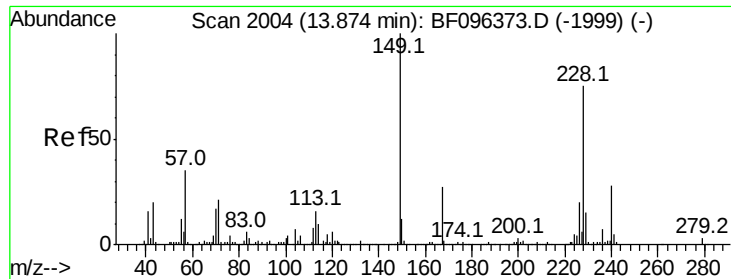
Abundance

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





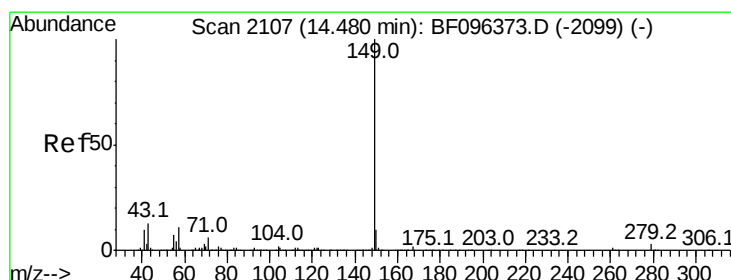
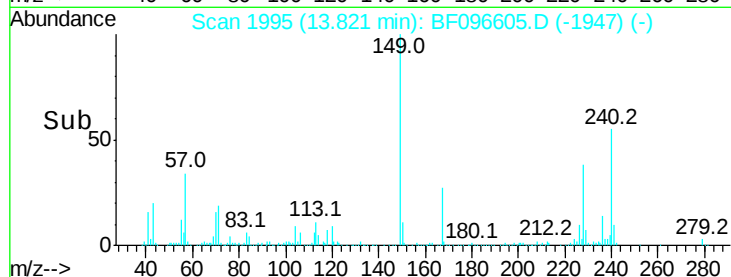
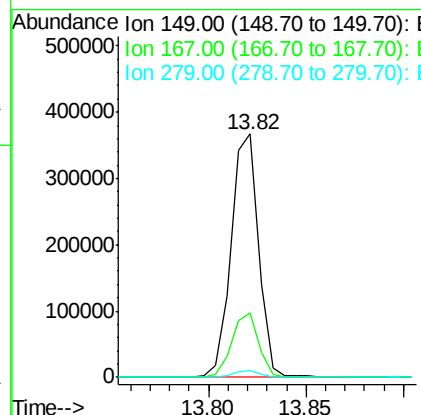
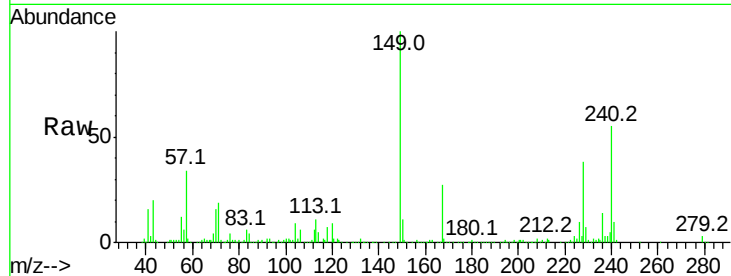
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.00 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	357517		
167	26.5		21.0	31.4
279	2.9		1.9	2.9

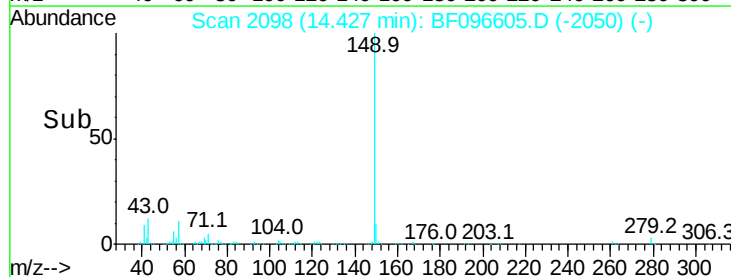
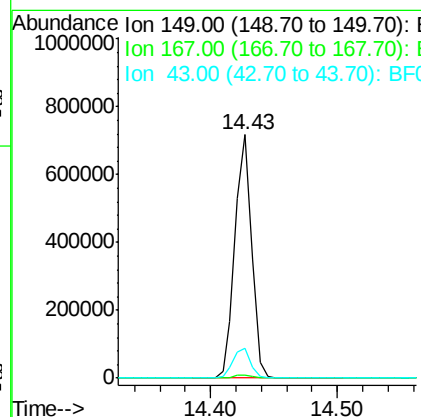
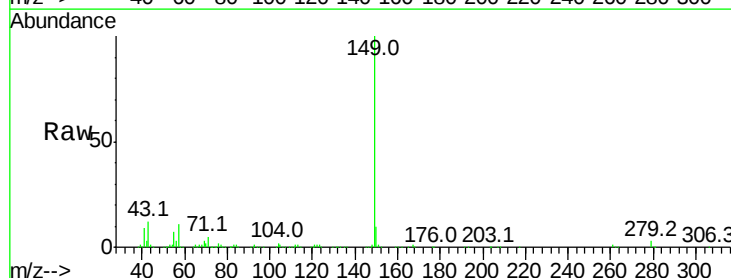
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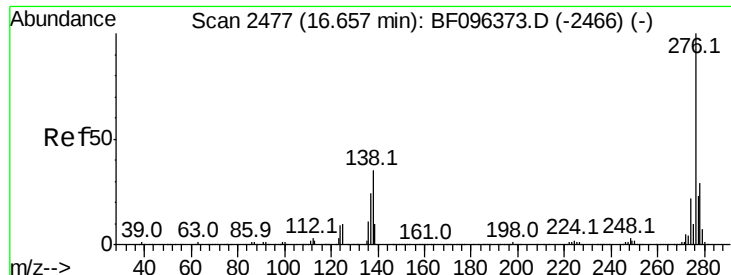
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#84
 Di-n-octyl phthalate
 Concen: 40.84 ng
 RT: 14.43 min Scan# 2098
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	653482		
167	1.5		1.2	1.8
43	13.0		8.5	12.7#





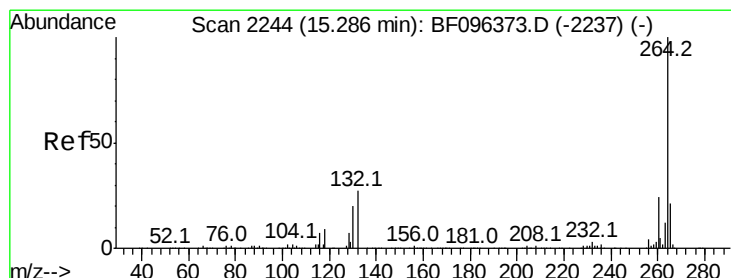
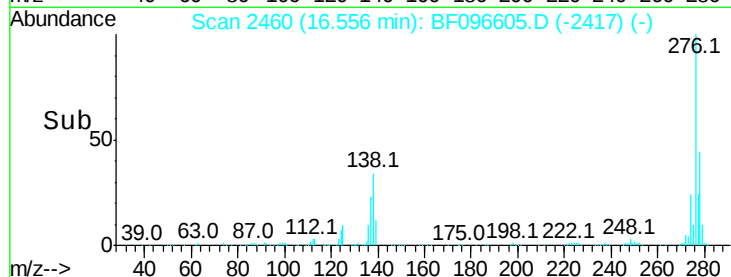
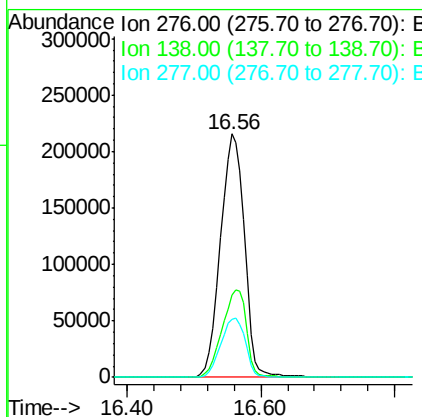
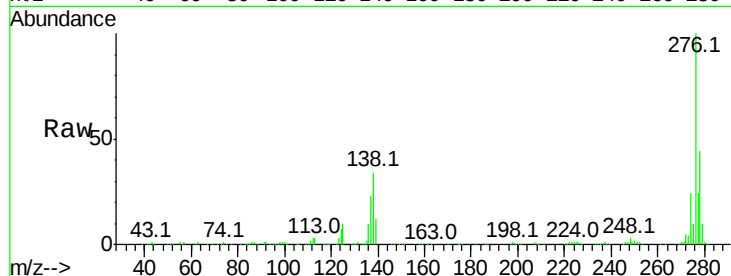
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.08 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.05 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	36.5	27.8	41.6	
277	25.1	20.2	30.4	

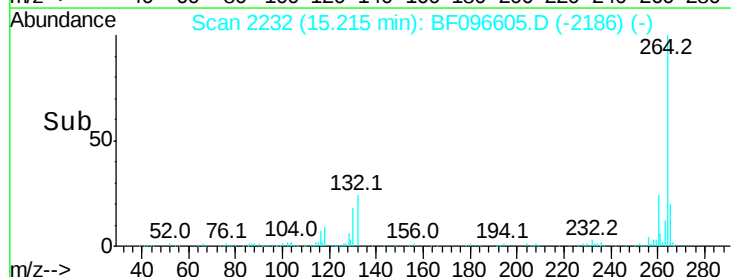
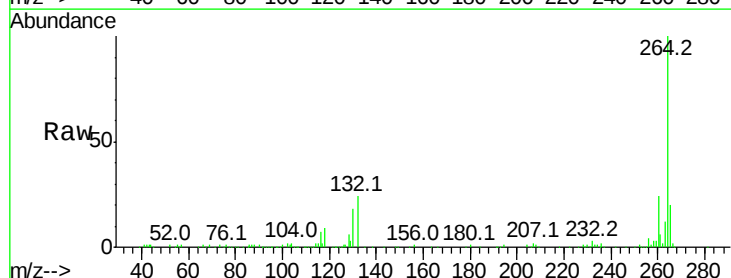
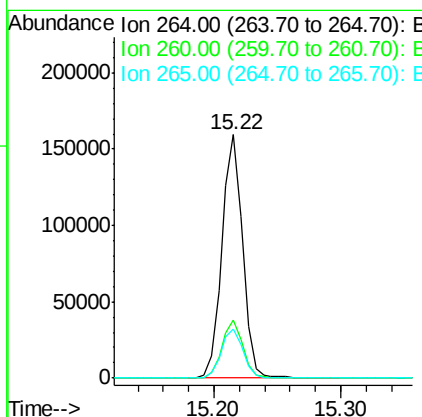
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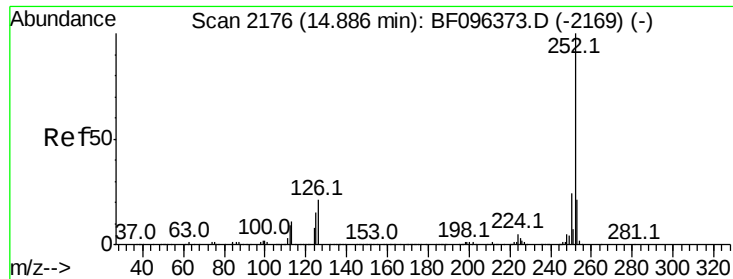
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.8	19.5	29.3	
265	20.0	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 40.65 ng

RT: 14.83 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

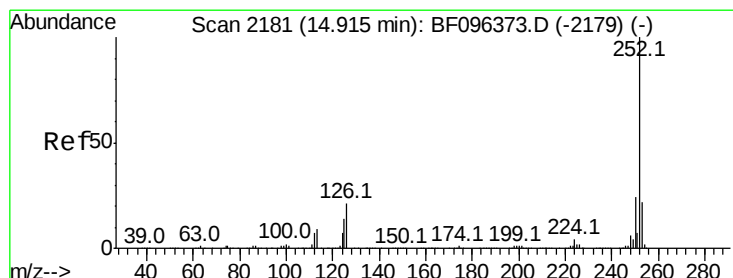
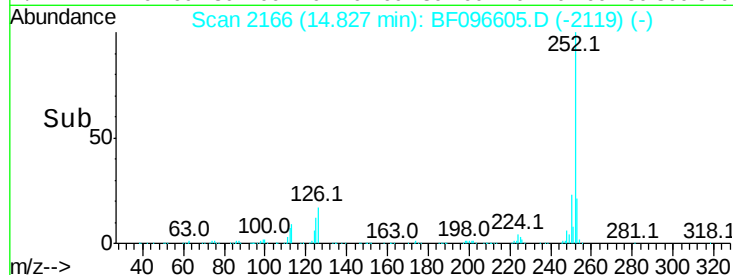
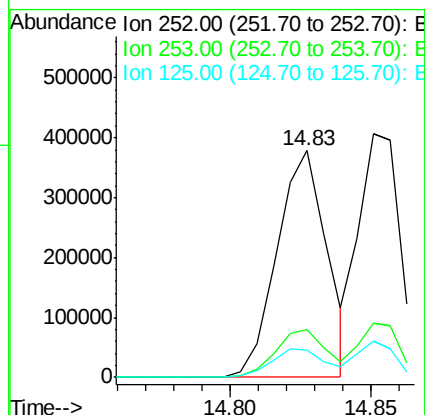
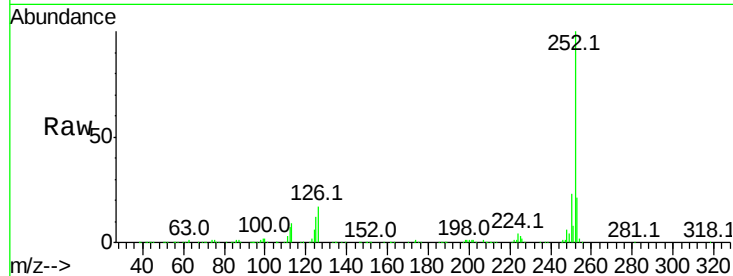
ClientSampleId :

PB100517BS

Tot Ion:	252	Resp:	461929
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.1	27.1
125	12.1	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.64 ng

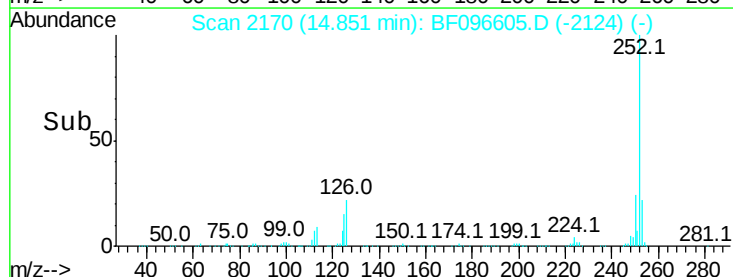
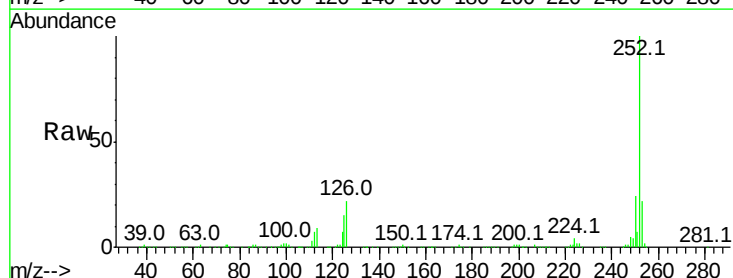
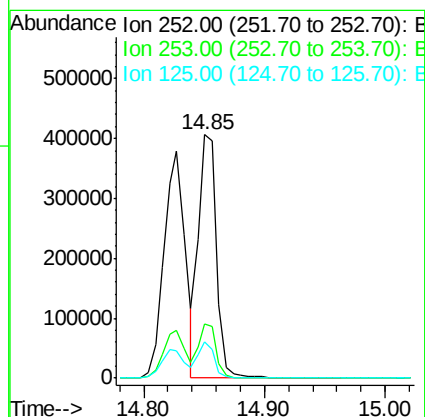
RT: 14.85 min Scan# 2170

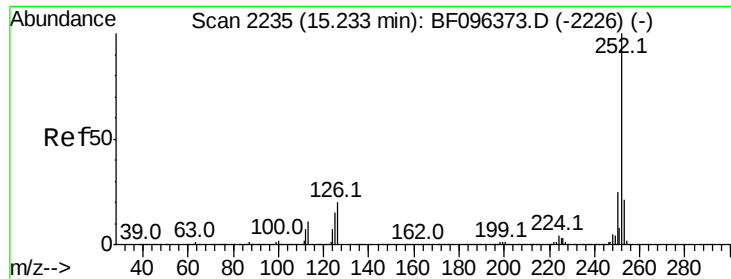
Delta R.T. -0.03 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:	252	Resp:	423336
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	14.8	13.1	19.7





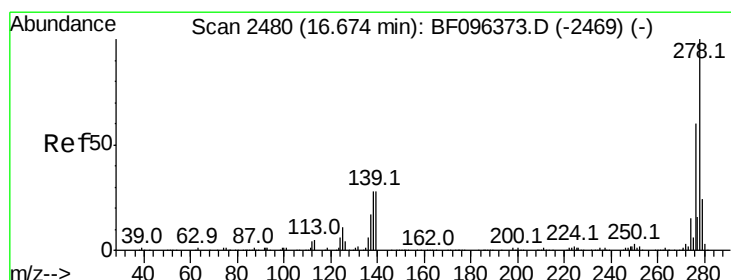
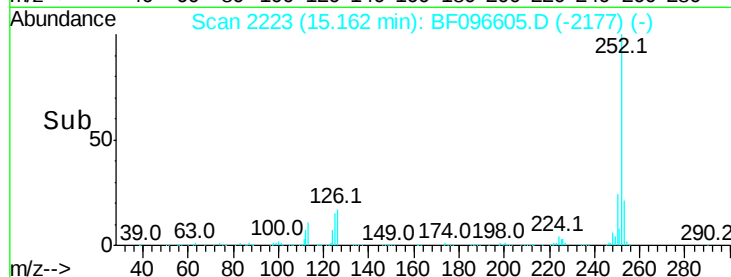
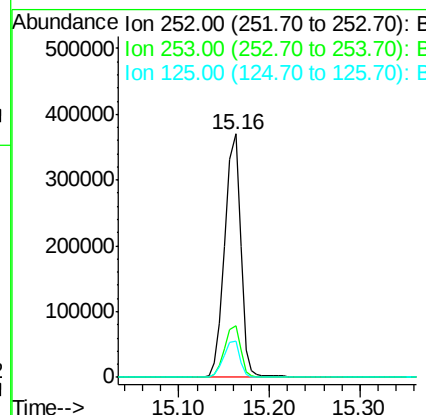
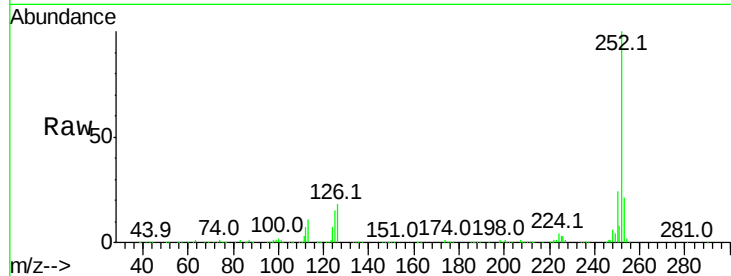
#89
Benzo(a)pyrene
Concen: 44.70 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB100517BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	14.9	11.0	16.4

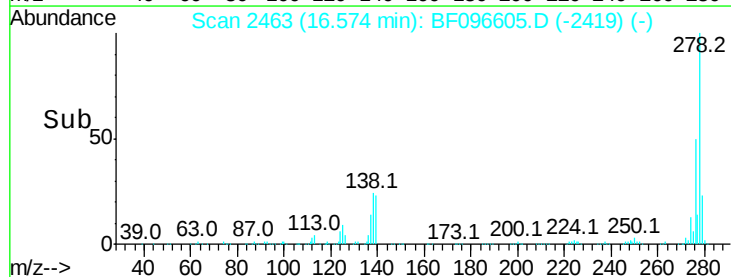
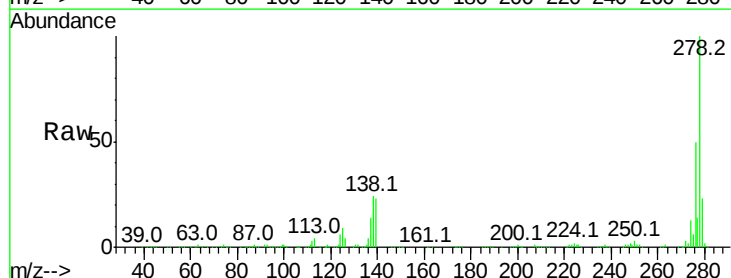
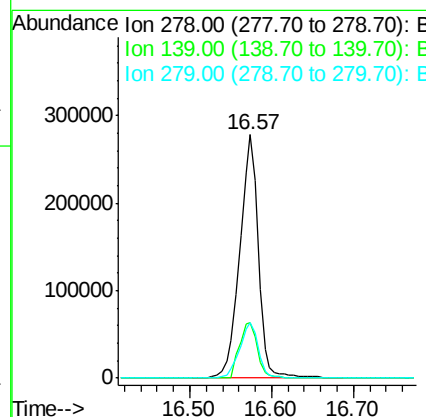
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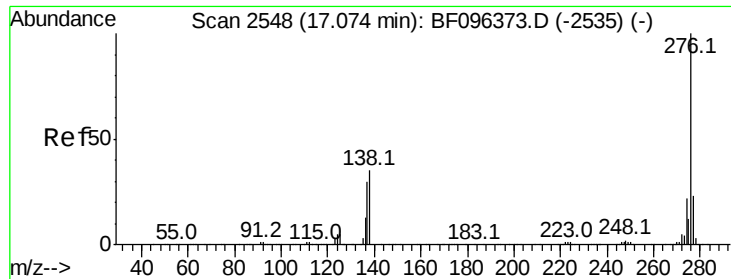
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 55.69 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.04 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	22.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 59.11 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.04 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	31.0	25.4	38.0

Manual Integrations
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