

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096535.D
 Acq On : 6 Jul 2017 16:08
 Operator : SJ/MA
 Sample : I4036-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Manual Integrations
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mohammad
 7/10/2017 11:44:49 AM

Quant Time: Jul 07 08:52:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128613	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	514650	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204388	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	285525	20.00	ng	0.00
75) Chrysene-d12	13.87	240	219665	20.00	ng	0.00
86) Perylene-d12	15.28	264	207012	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	865241	99.30	ng	0.02
7) Phenol-d6	6.36	99	1005650	93.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	582081	67.96	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	153182	95.95	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	925112	77.39	ng	0.00
78) Terphenyl-d14	12.82	244	534949	52.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	122385	29.620	ng	# 79
3) Pyridine	3.13	79	327931	28.926	ng	# 60
4) n-Nitrosodimethylamine	3.08	42	193826	34.638	ng	# 83
6) Aniline	6.37	93	289839	20.934	ng	# 1
8) 2-Chlorophenol	6.50	128	323471	34.810	ng	# 98
9) Benzaldehyde	6.26	77	111925	16.695	ng	# 99
10) Phenol	6.37	94	408012	33.432	ng	# 86
11) bis(2-Chloroethyl)ether	6.46	93	311402	33.018	ng	# 93
12) 1,3-Dichlorobenzene	6.66	146	338037	34.695	ng	# 99
13) 1,4-Dichlorobenzene	6.73	146	342800	35.201	ng	# 96
14) 1,2-Dichlorobenzene	6.89	146	317399	35.497	ng	# 98
15) Benzyl Alcohol	6.86	79	259531	36.243	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	651086	33.958	ng	# 92
17) 2-Methylphenol	6.98	107	255025	34.437	ng	# 98
18) Hexachloroethane	7.23	117	105592	29.908	ng	# 81
19) n-Nitroso-di-n-propylamine	7.13	70	210991	33.061	ng	# 84
20) 3+4-Methylphenols	7.13	107	303903	36.793	ng	# 83
22) Acetophenone	7.13	105	414499	36.860	ng	# 95
24) Nitrobenzene	7.30	77	307687	34.245	ng	# 91
25) Isophorone	7.54	82	565957	34.082	ng	# 95
26) 2-Nitrophenol	7.62	139	156997	33.013	ng	# 90
27) 2,4-Dimethylphenol	7.66	122	286178	35.342	ng	# 95
28) bis(2-Chloroethoxy)methane	7.75	93	392077	35.768	ng	# 99
29) 2,4-Dichlorophenol	7.86	162	254833	36.476	ng	# 100
30) 1,2,4-Trichlorobenzene	7.95	180	244236	37.060	ng	# 98
31) Naphthalene	8.02	128	887615	36.533	ng	# 99
32) Benzoic acid	7.73	122	18613m	2.737	ng	# 94
33) 4-Chloroaniline	8.07	127	155454	15.404	ng	# 99
34) Hexachlorobutadiene	8.15	225	128287	37.953	ng	# 99
35) Caprolactam	8.43	113	73194m	30.382	ng	# 91
36) 4-Chloro-3-methylphenol	8.56	107	258920	33.493	ng	# 98
37) 2-Methylnaphthalene	8.72	142	586331	37.911	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	209937	39.559	ng	# 99
40) Hexachlorocyclopentadiene	8.87	237	39307	15.233	ng	# 99

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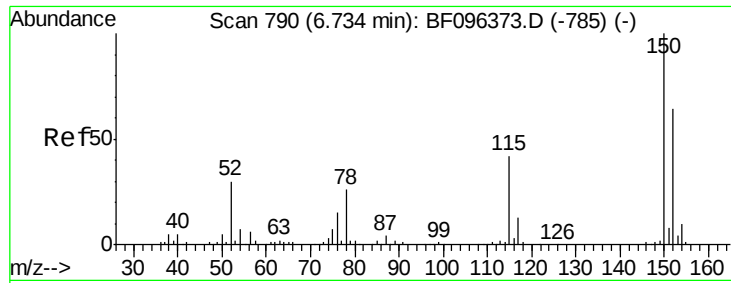
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	151739	36.143	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	159436	38.409	ng	93
45) 1,1'-Biphenyl	9.18	154	670411	38.282	ng	99
46) 2-Chloronaphthalene	9.20	162	526288	40.326	ng	93
47) 2-Nitroaniline	9.29	65	177937	37.470	ng	94
48) Acenaphthylene	9.62	152	813967	39.361	ng	98
49) Dimethylphthalate	9.48	163	778972	51.054	ng	99
50) 2,6-Dinitrotoluene	9.54	165	128331	38.035	ng #	87
51) Acenaphthene	9.79	154	426862	33.487	ng	98
52) 3-Nitroaniline	9.70	138	130239	30.948	ng	89
54) Dibenzofuran	9.96	168	630811	37.482	ng	99
55) 4-Nitrophenol	9.87	139	178015	51.036	ng #	72
56) 2,4-Dinitrotoluene	9.94	165	144807	33.891	ng #	80
57) Fluorene	10.30	166	443402	37.304	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	102208	35.589	ng	97
59) Diethylphthalate	10.18	149	545269	37.809	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	195248	37.754	ng	96
61) 4-Nitroaniline	10.32	138	119347	31.189	ng	91
62) Azobenzene	10.45	77	469577	33.673	ng	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	7522	3.820	ng	81
65) n-Nitrosodiphenylamine	10.41	169	420843	42.008	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	117557	42.295	ng	97
67) Hexachlorobenzene	10.85	284	112436	36.953	ng #	87
68) Atrazine	10.94	200	115934	40.507	ng	95
69) Pentachlorophenol	11.05	266	93627	51.920	ng	98
70) Phenanthrene	11.26	178	644383	41.749	ng	99
71) Anthracene	11.31	178	600348	38.169	ng	99
72) Carbazole	11.46	167	552347	34.919	ng	98
73) Di-n-butylphthalate	11.80	149	738293	38.535	ng	98
74) Fluoranthene	12.44	202	623524	41.203	ng	99
76) Benzidine	12.56	184	370169	35.120	ng #	92
77) Pyrene	12.67	202	640974	36.353	ng	98
79) Butylbenzylphthalate	13.30	149	298752	33.472	ng	89
80) Benzo(a)anthracene	13.86	228	488062	38.368	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	171368	32.800	ng #	97
82) Chrysene	13.90	228	499223	37.477	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	346547	34.783	ng	99
84) Di-n-octyl phthalate	14.47	149	696733	35.512	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.65	276	417244	39.681	ng	98
87) Benzo(b)fluoranthene	14.88	252	499287m	38.492	ng	
88) Benzo(k)fluoranthene	14.91	252	461944	39.812	ng	96
89) Benzo(a)pyrene	15.22	252	475713	41.078	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	338427	37.147	ng #	95
91) Benzo(g,h,i)perylene	17.06	276	316821	33.559	ng	98

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



#1

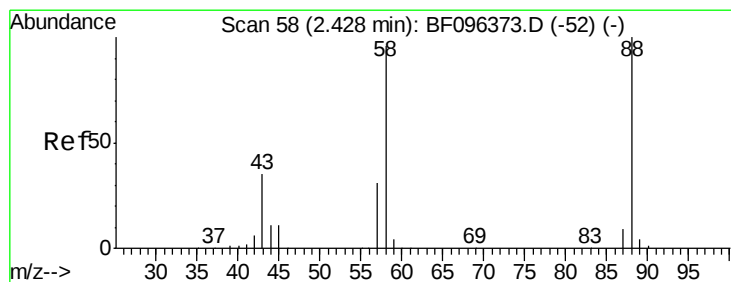
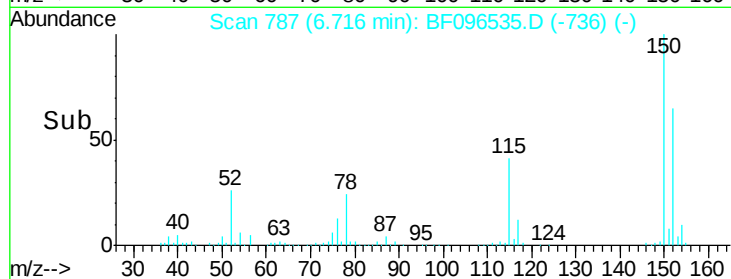
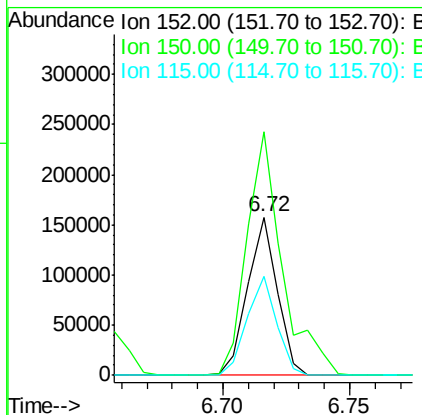
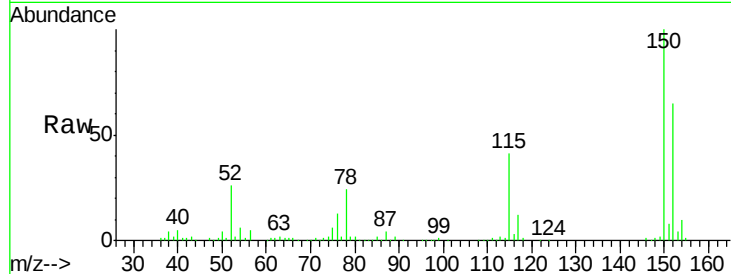
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	62.3	52.2	78.2

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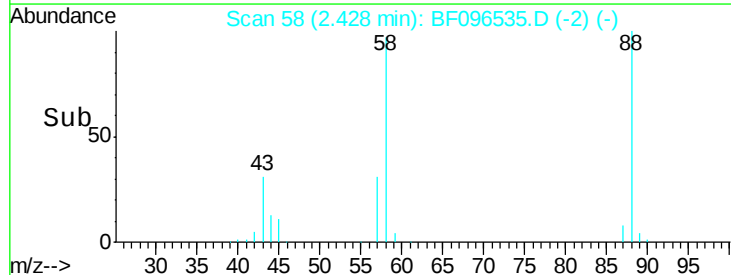
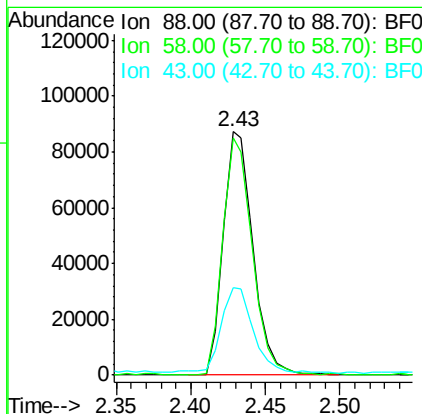
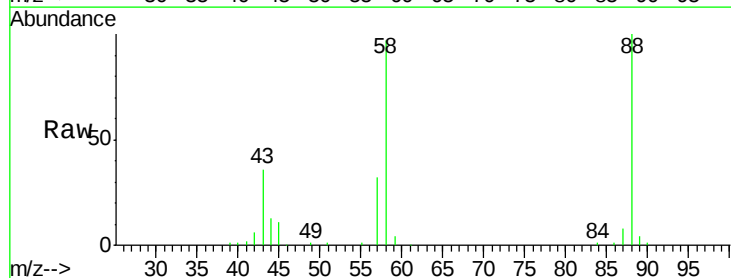
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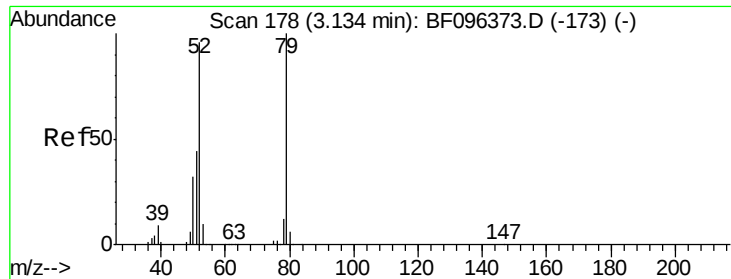


#2

1,4-Dioxane
Concen: 29.620 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.03 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.1	61.4	92.0#
43	37.0	23.4	35.0#





#3

Pyridine

Concen: 28.926 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.04 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

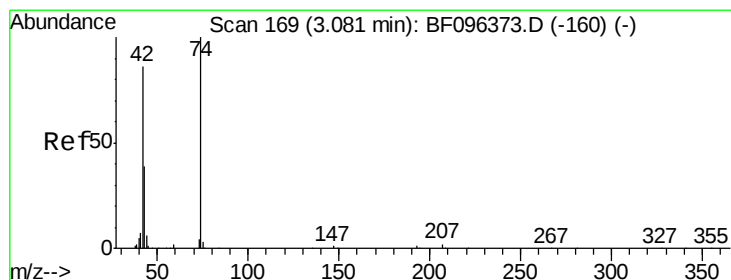
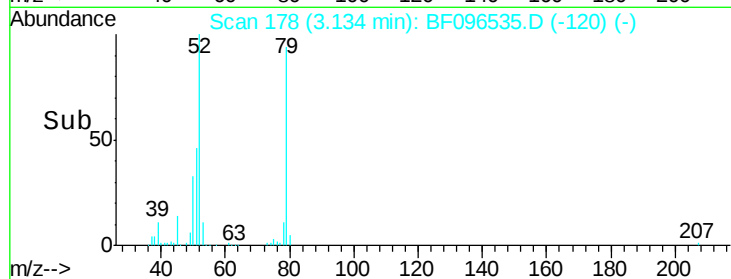
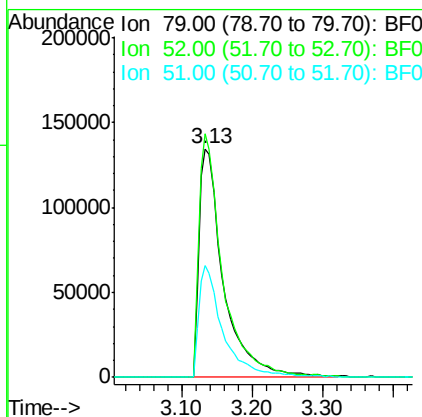
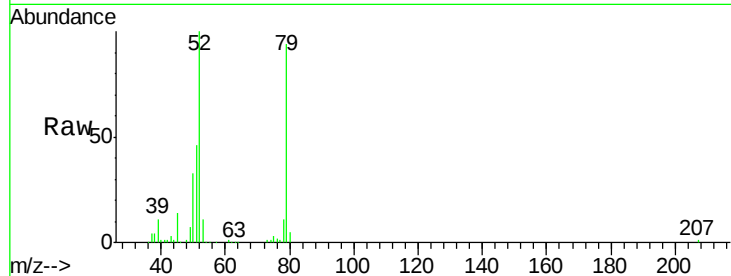
ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion:	79	Resp:	327931
Ion Ratio	Lower	Upper	
79	100		
52	106.6	54.8	82.2#
51	49.1	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 34.638 ng

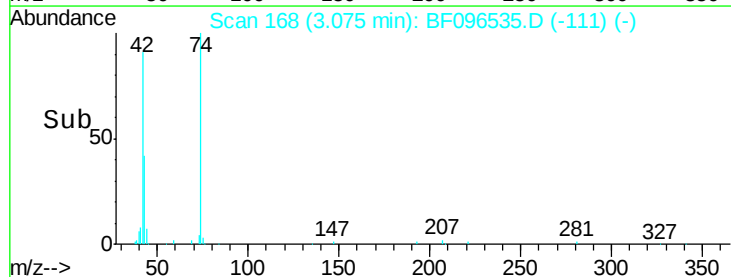
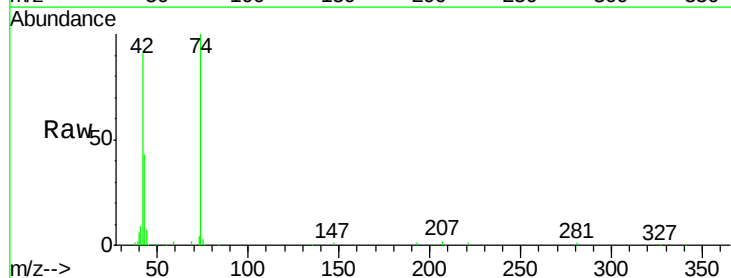
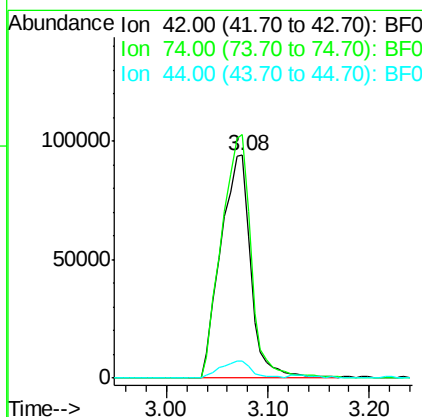
RT: 3.08 min Scan# 168

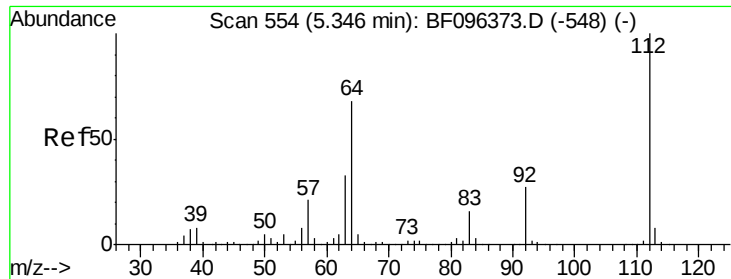
Delta R.T. 0.04 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:	42	Resp:	193826
Ion Ratio	Lower	Upper	
42	100		
74	109.3	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 99.296 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

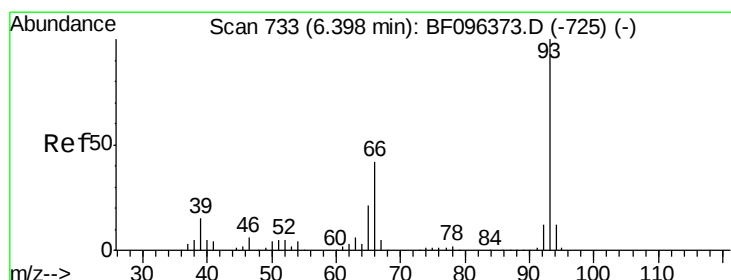
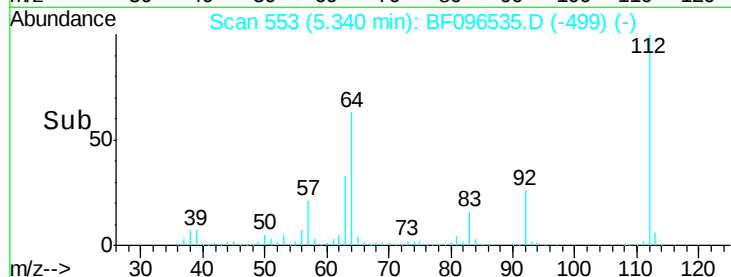
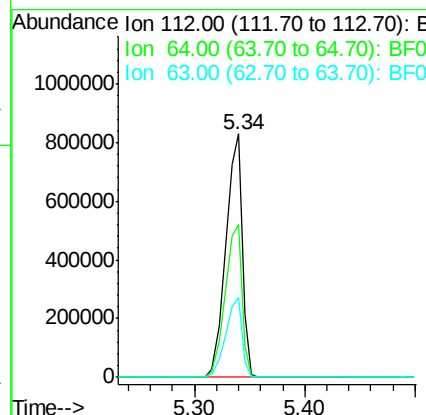
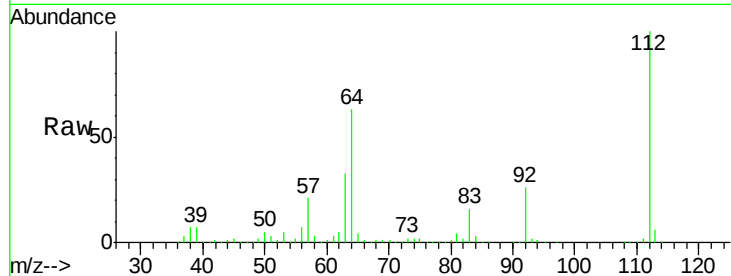
ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion:	112	Resp:	865241
Ion Ratio	Lower	Upper	
112	100		
64	62.8	46.0	69.0
63	32.6	23.4	35.0

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#6

Aniline

Concen: 20.934 ng

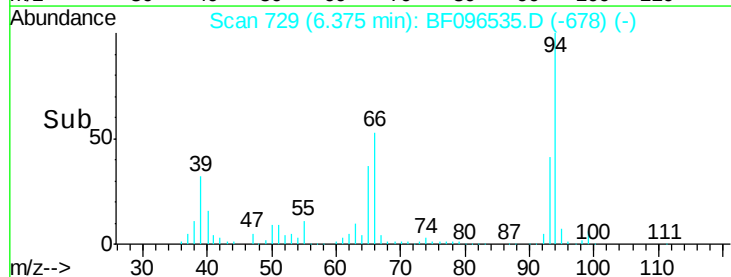
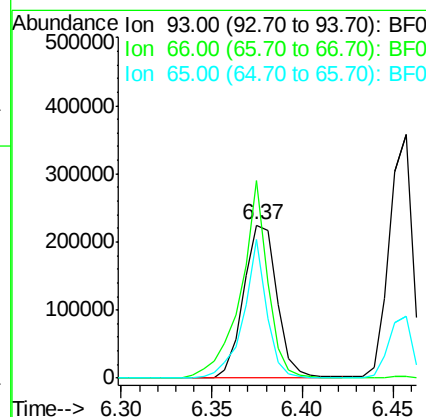
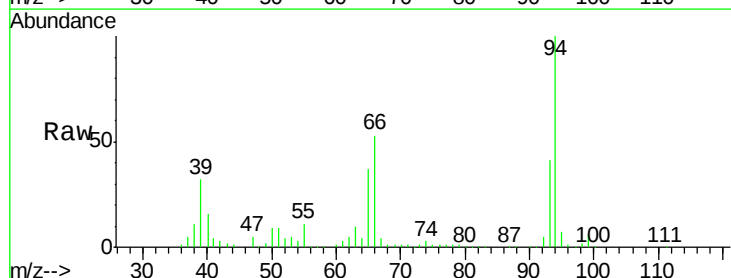
RT: 6.37 min Scan# 729

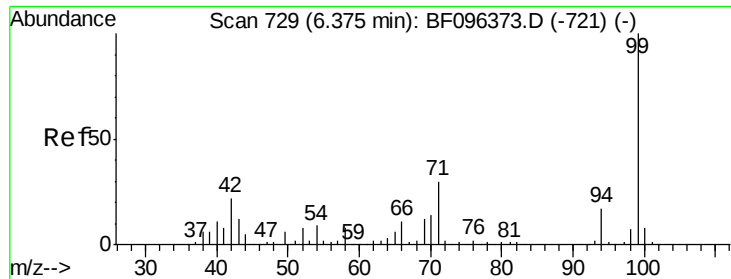
Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:	93	Resp:	289839
Ion Ratio	Lower	Upper	
93	100		
66	129.3	32.9	49.3#
65	90.5	16.0	24.0#





#7

Phenol-d6

Concen: 93.877 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion: 99 Resp: 1005650

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

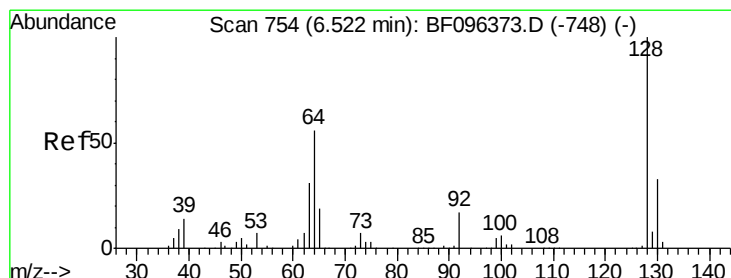
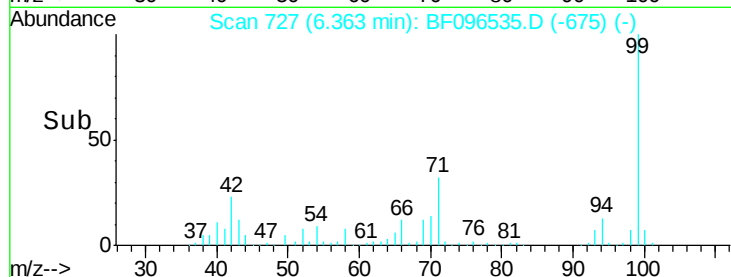
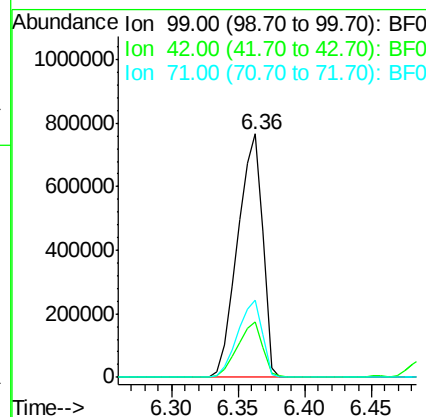
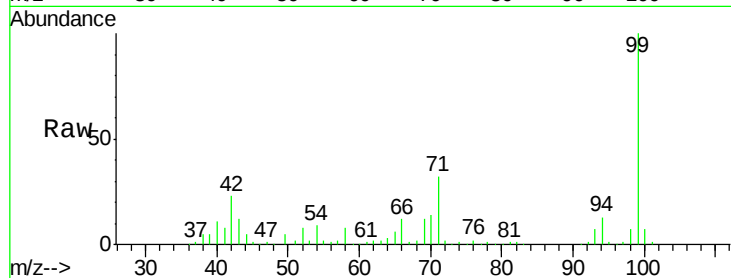
71 31.8 24.5 36.7

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#8

2-Chlorophenol

Concen: 34.810 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

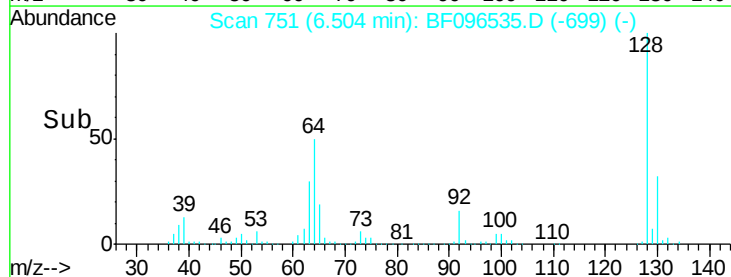
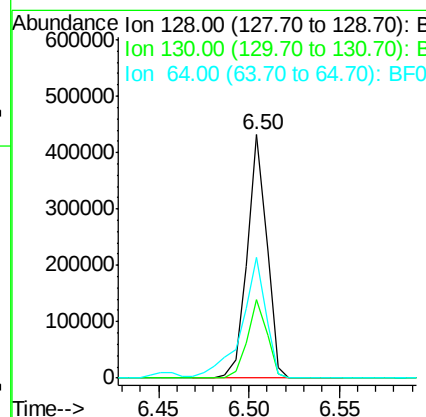
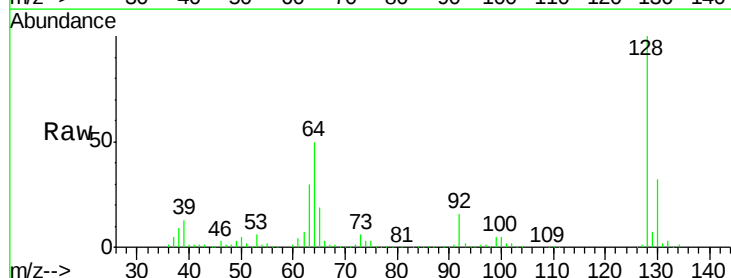
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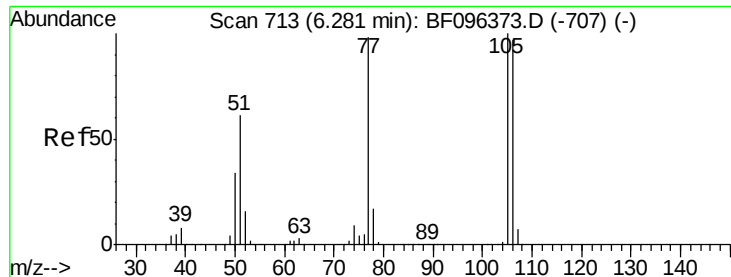
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 49.8 28.4 68.4





#9

Benzaldehyde

Concen: 16.695 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

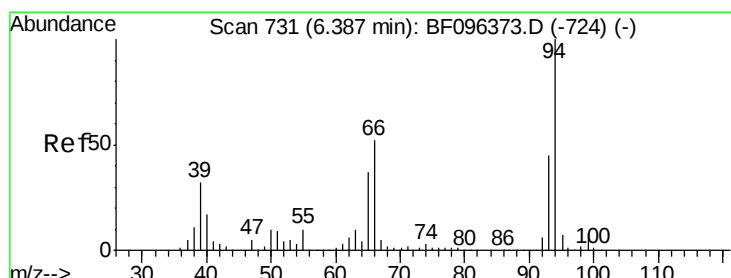
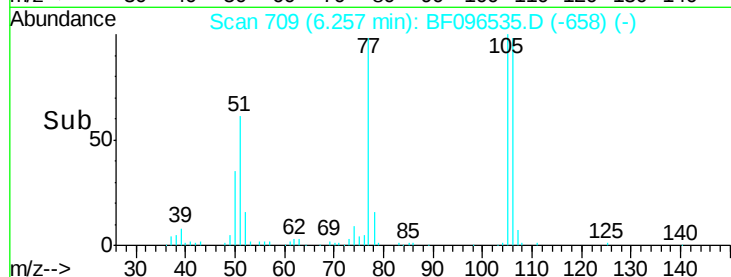
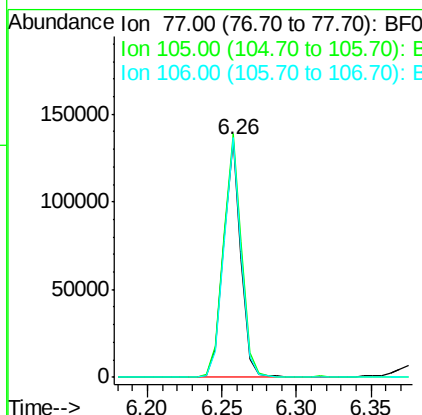
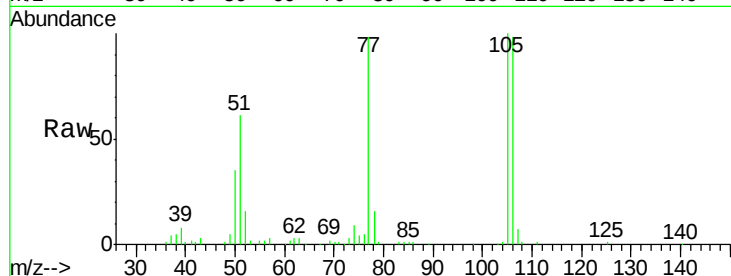
ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion:	77	Resp:	111925
Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.8	123.8
106	100.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 33.432 ng

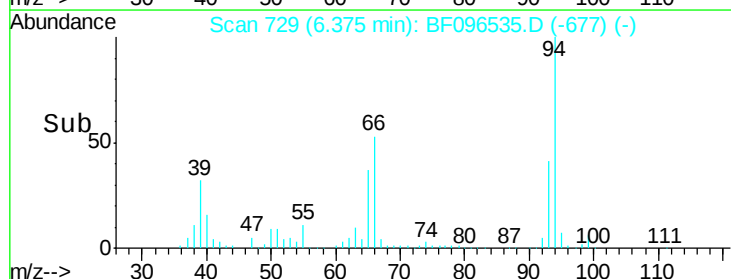
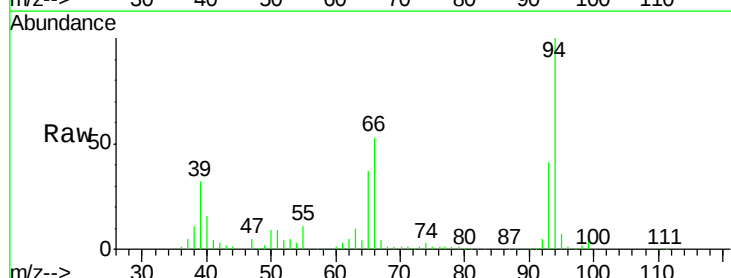
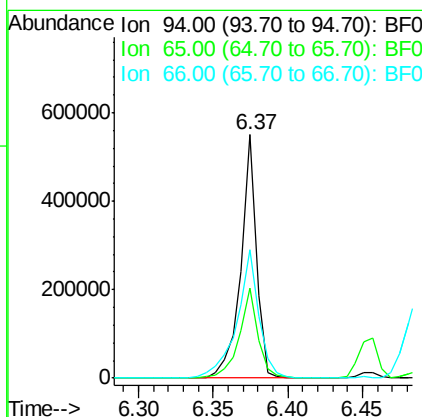
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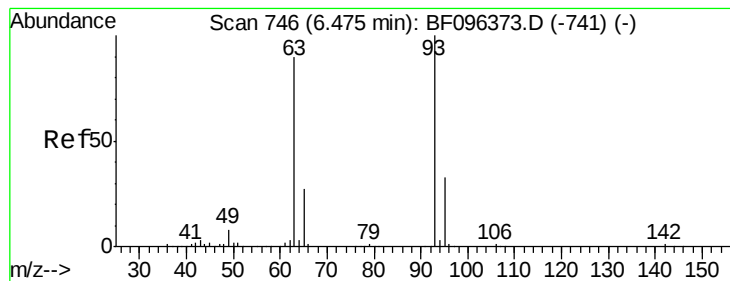
Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:	94	Resp:	408012
Ion	Ratio	Lower	Upper
94	100		
65	36.9	9.9	49.9
66	52.7	23.1	63.1





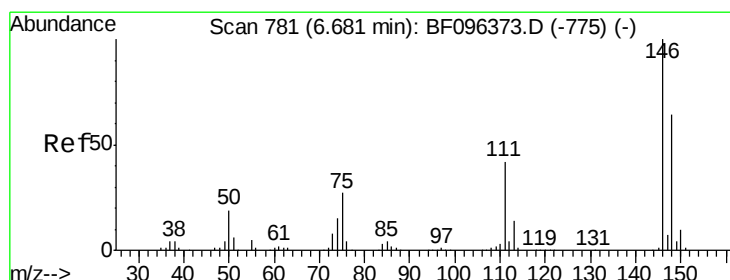
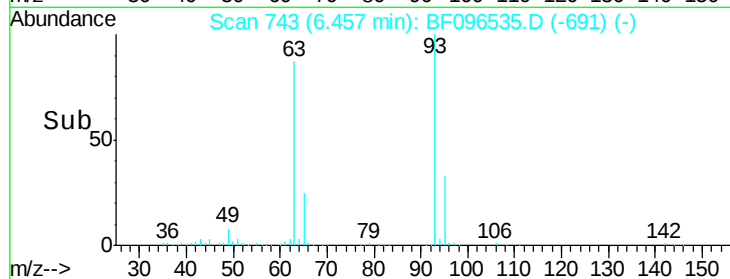
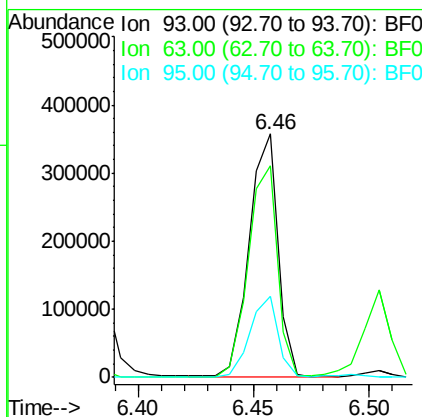
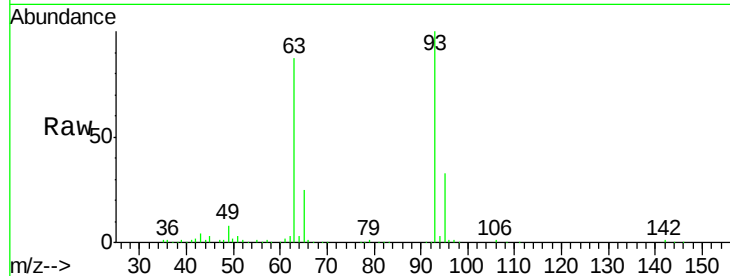
#11
bis(2-Chloroethyl)ether
Concen: 33.018 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.1	59.2	99.2
95	33.3	12.8	52.8

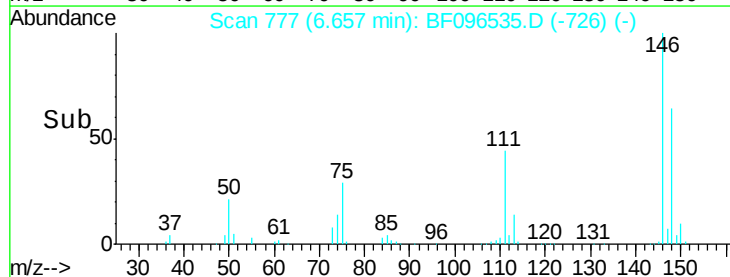
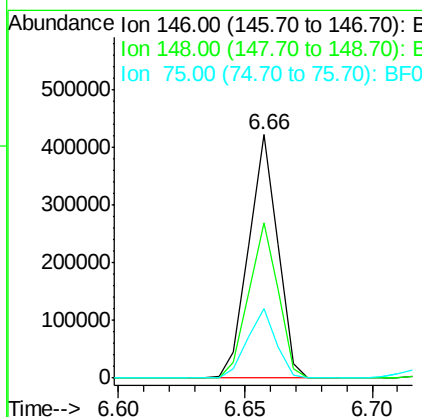
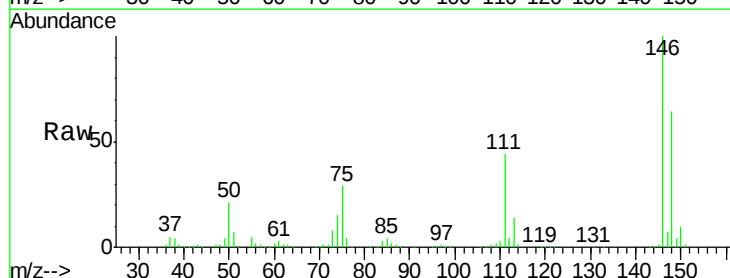
Manual Integrations
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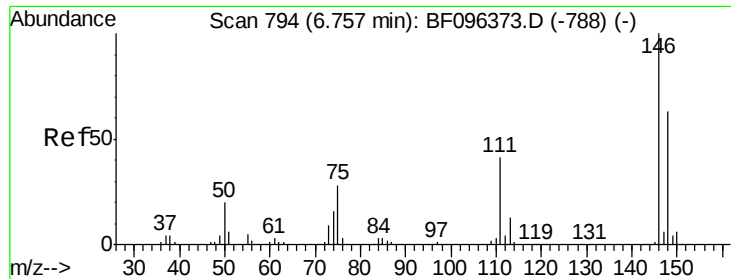
mohammad
7/10/2017 11:44:49 AM



#12
1,3-Dichlorobenzene
Concen: 34.695 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	28.8	23.1	34.7





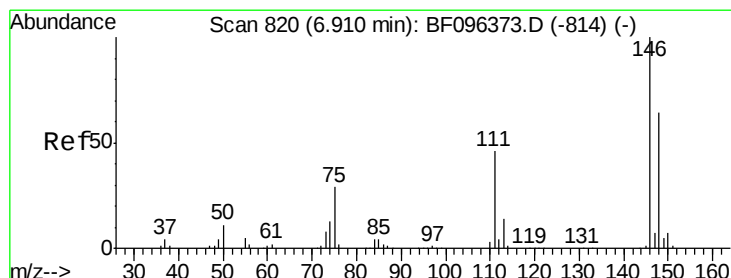
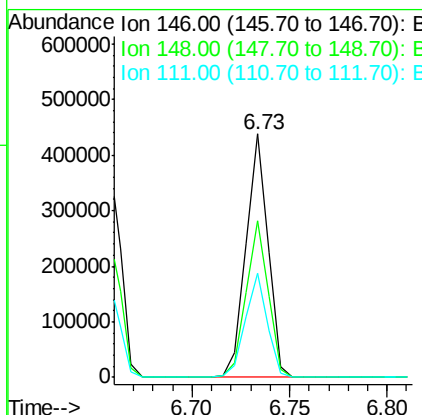
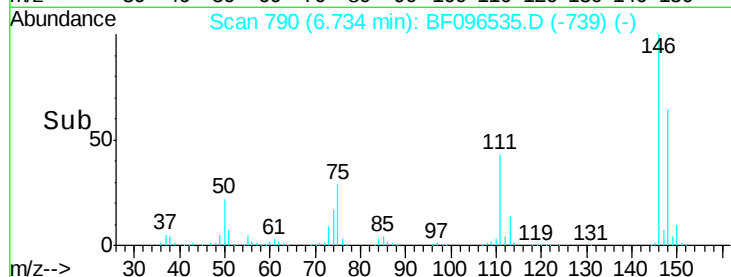
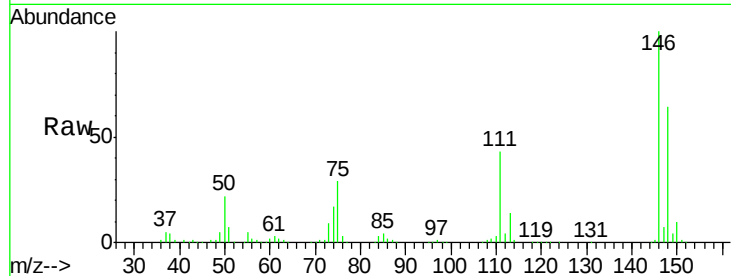
#13
 1,4-Dichlorobenzene
 Concen: 35.201 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.7	30.3	45.5

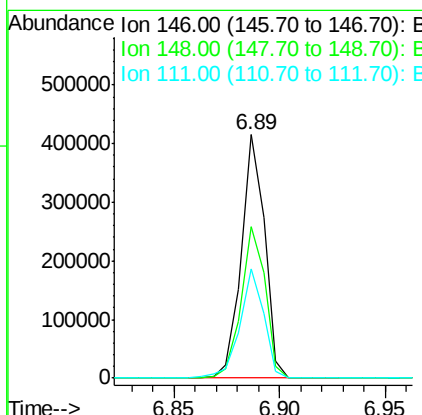
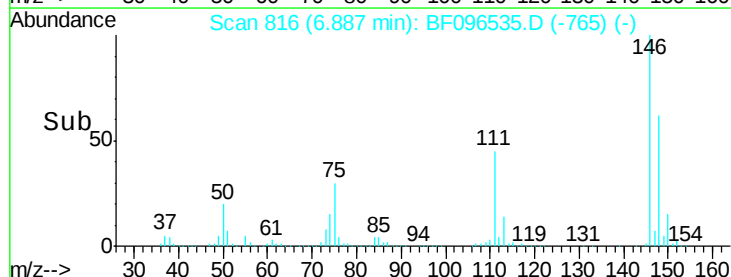
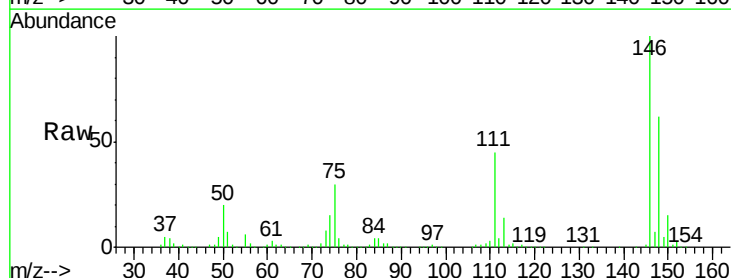
Manual Integrations
 APPROVED

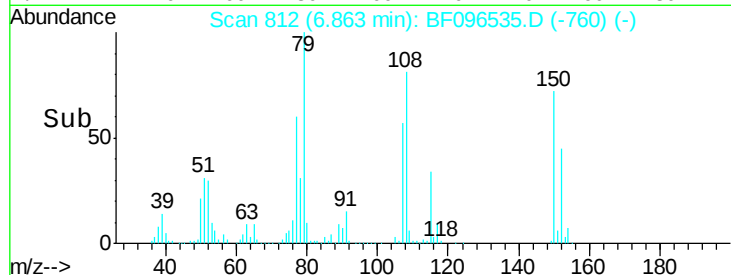
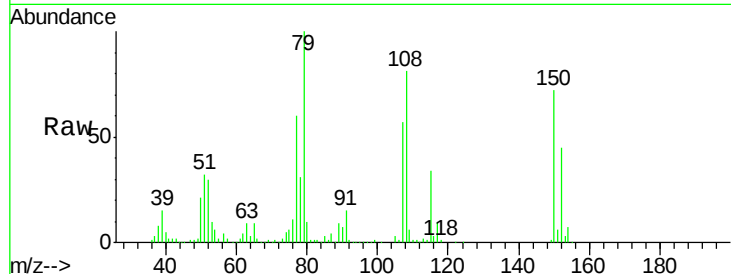
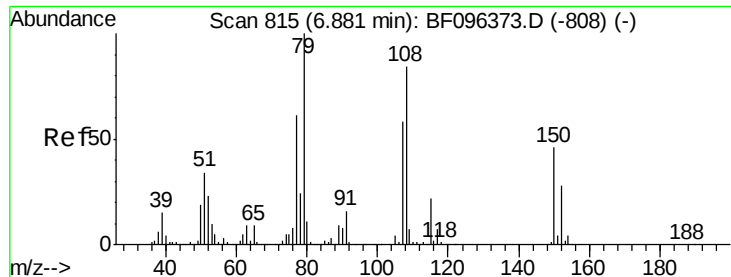
mohammad
 7/10/2017 11:44:49 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.497 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	44.6	38.2	57.4





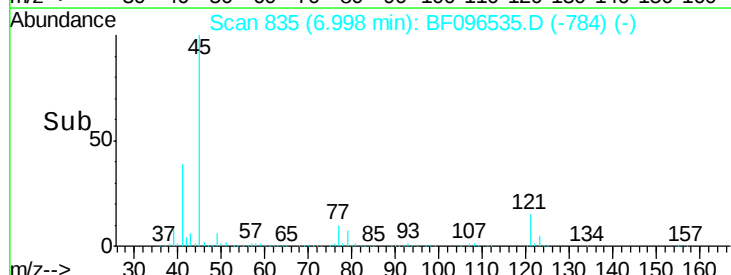
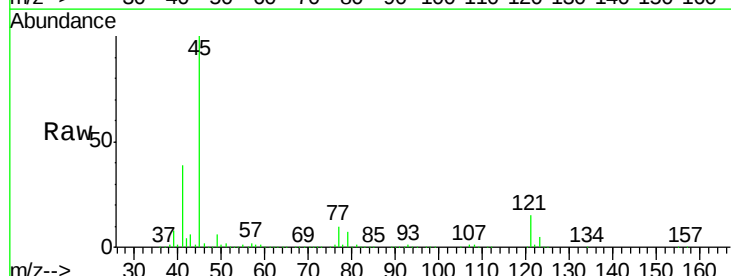
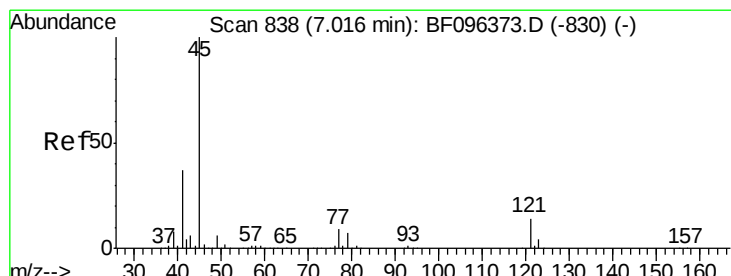
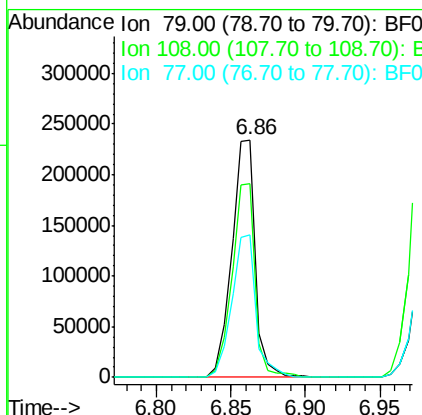
#15
Benzyl Alcohol
Concen: 36.243 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion: 79 Resp: 259531
Ion Ratio Lower Upper
79 100
108 81.4 63.4 95.0
77 60.1 49.2 73.8

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

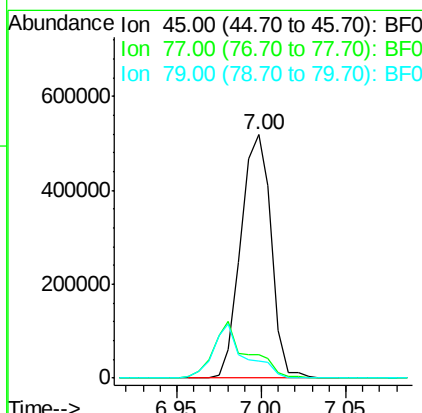
Manual Integrations
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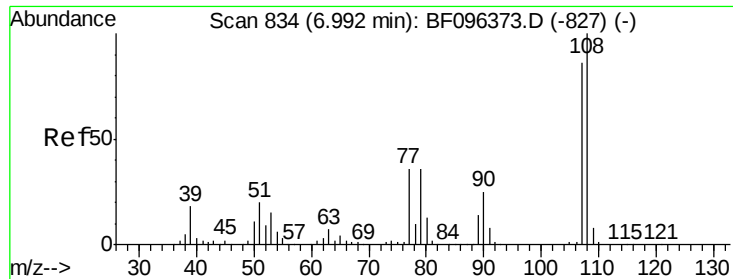
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.958 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion: 45 Resp: 651086
Ion Ratio Lower Upper
45 100
77 9.8 0.0 33.2
79 7.1 0.0 30.0





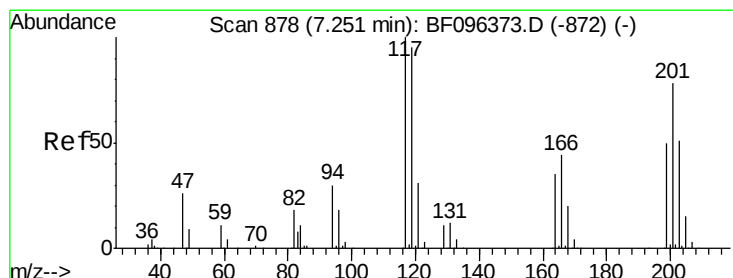
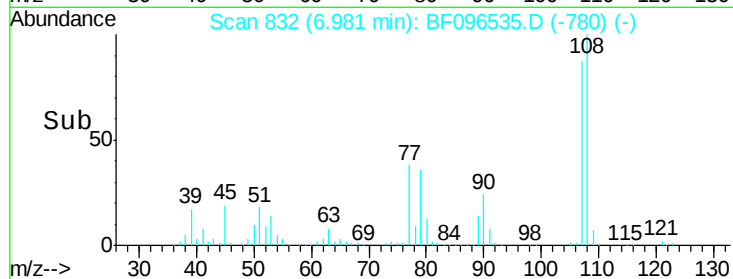
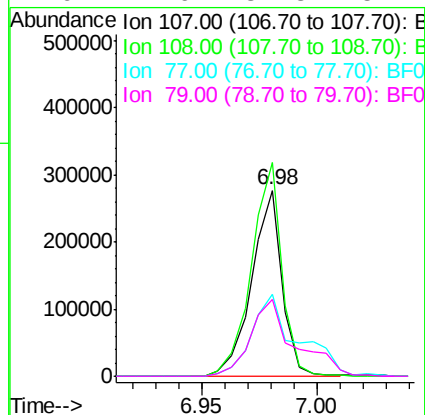
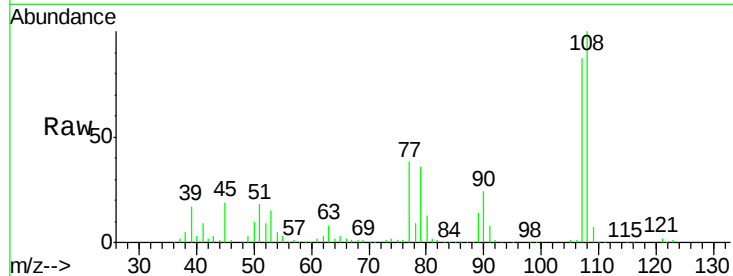
#17
2-Methylphenol
Concen: 34.437 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	255025		
108	114.9	93.4	140.0	
77	43.8	35.8	53.6	
79	41.6	34.8	52.2	

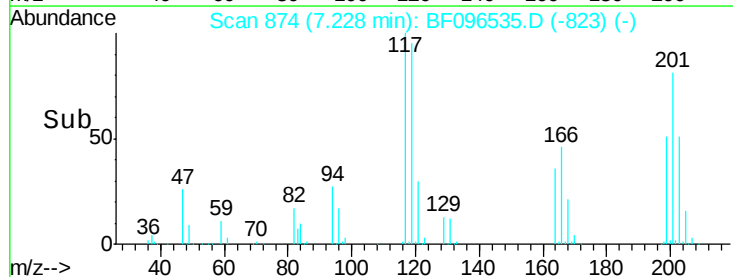
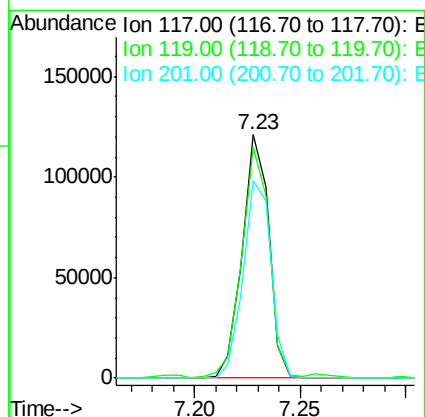
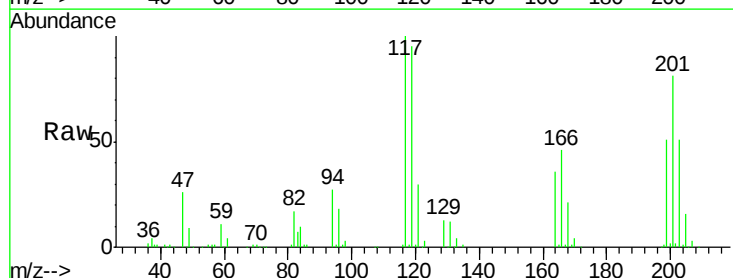
Manual Integrations
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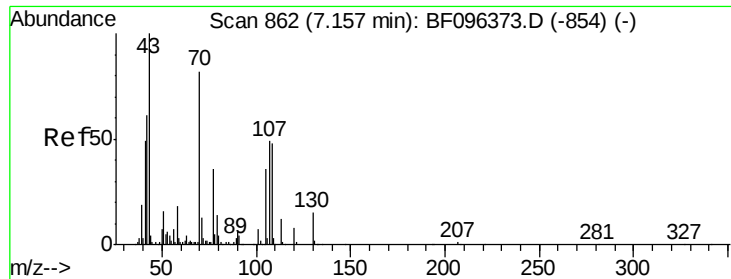
mohammad
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#18
Hexachloroethane
Concen: 29.908 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105592		
119	94.8	77.4	116.0	
201	80.9	94.6	141.8#	





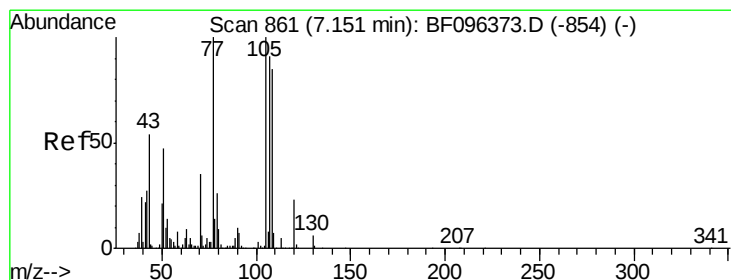
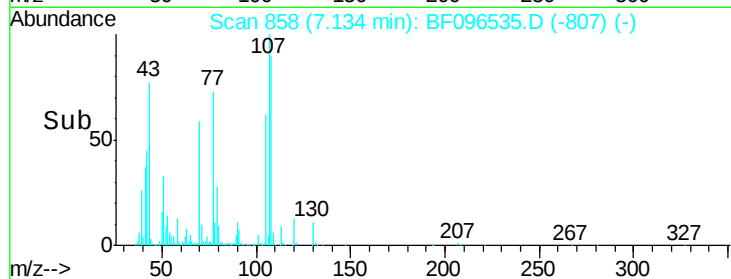
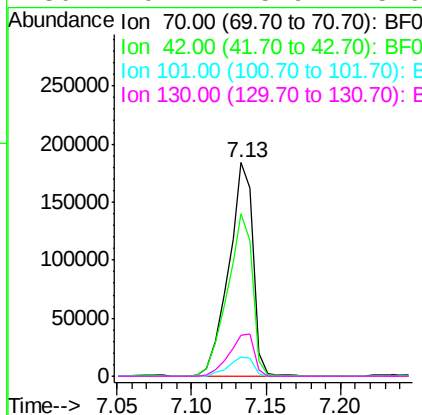
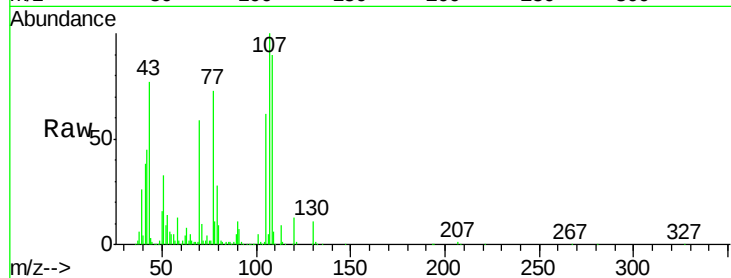
#19
n-Nitroso-di-n-propylamine
Concen: 33.061 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	76.0	47.2	70.8#
101	9.1	7.2	10.8
130	19.2	15.9	23.9

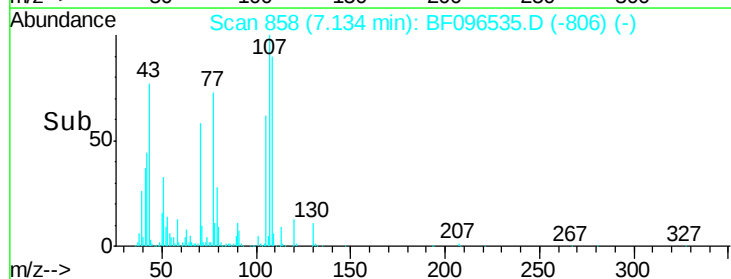
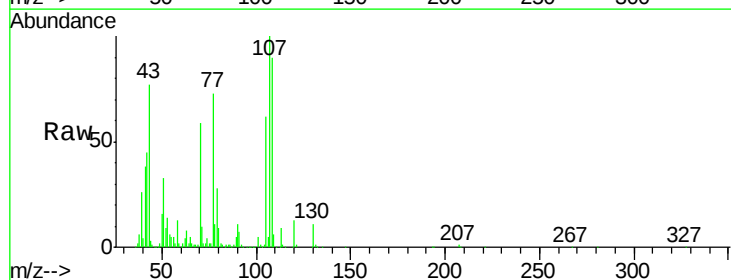
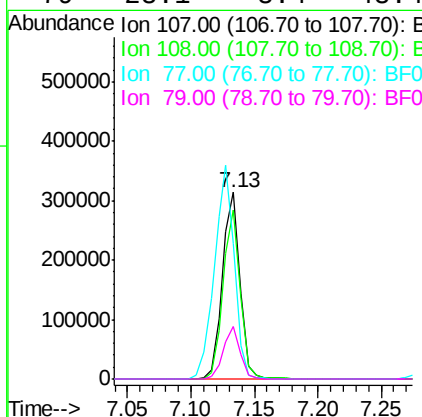
Manual Integrations
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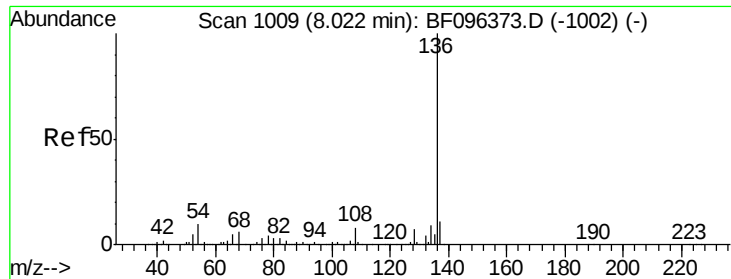
mohammad
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#20
3+4-Methylphenols
Concen: 36.793 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.0	111.0
77	72.7	90.5	130.5#
79	28.1	8.4	48.4





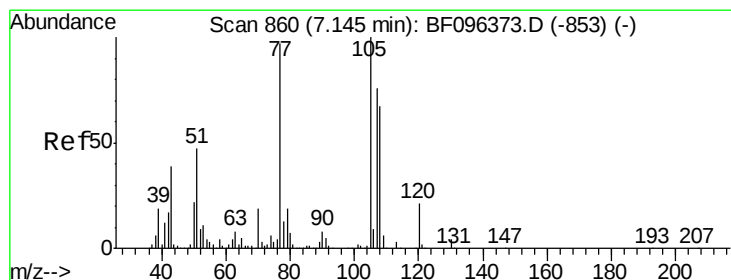
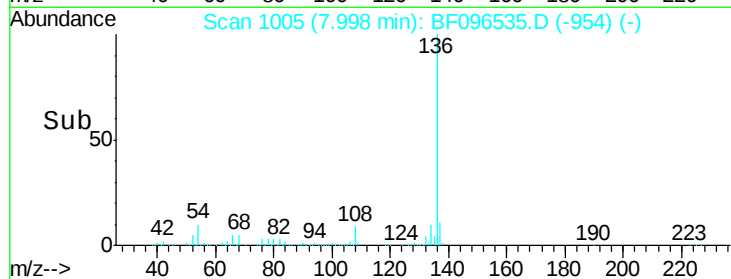
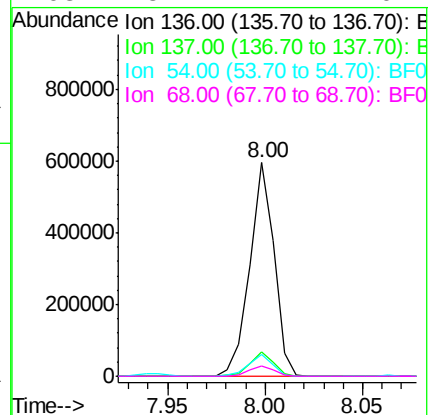
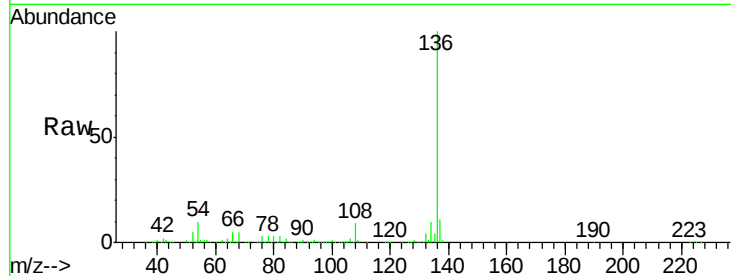
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	514650		
137	11.2	8.5	12.7	
54	10.0	4.9	7.3	
68	5.1	4.1	6.1	

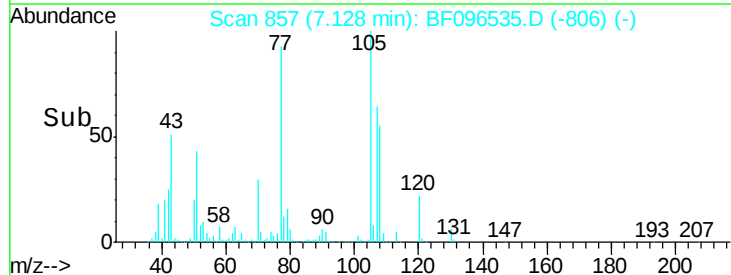
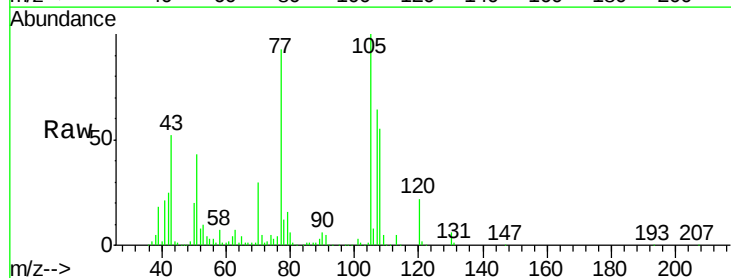
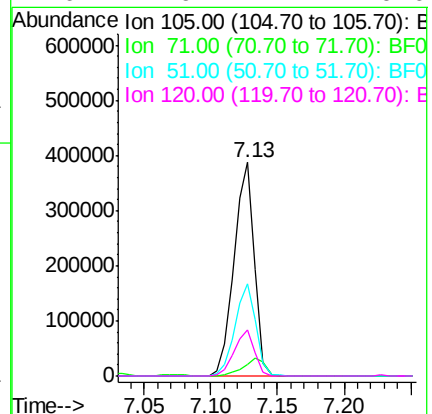
Manual Integrations
APPROVED

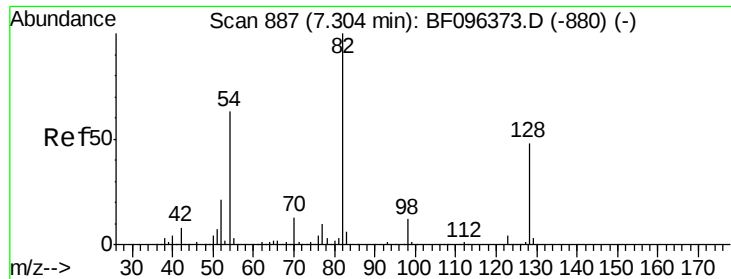
mohammad
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#22
Acetophenone
Concen: 36.860 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	414499		
71	5.3	2.8	4.2	
51	43.2	30.7	46.1	
120	21.9	17.4	26.0	





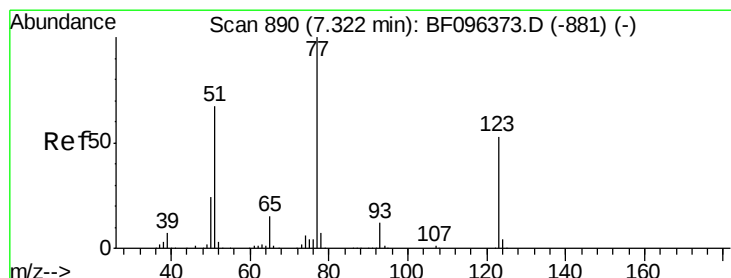
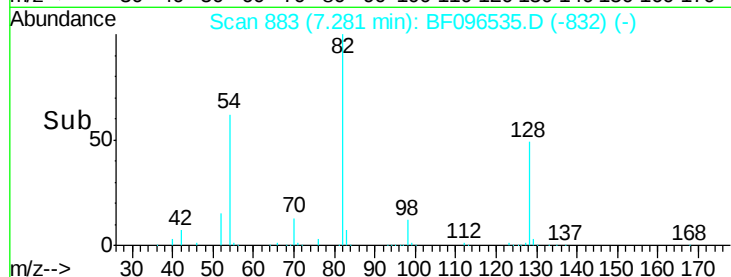
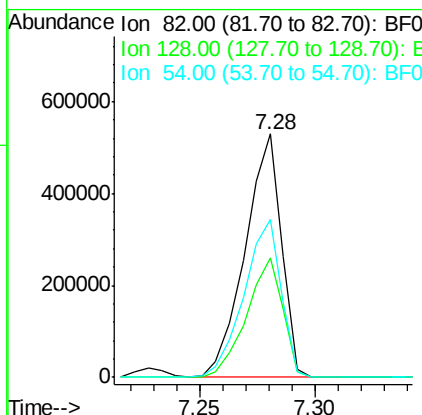
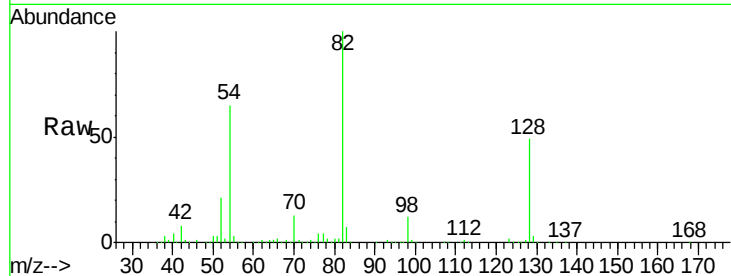
#23
 Nitrobenzene-d5
 Concen: 67.964 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	65.1	42.2	63.2

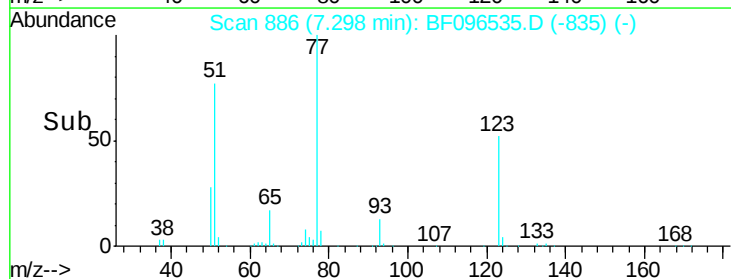
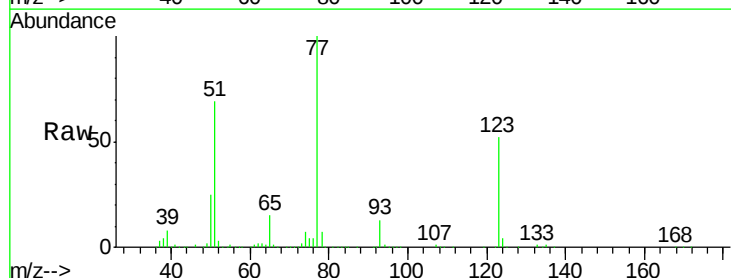
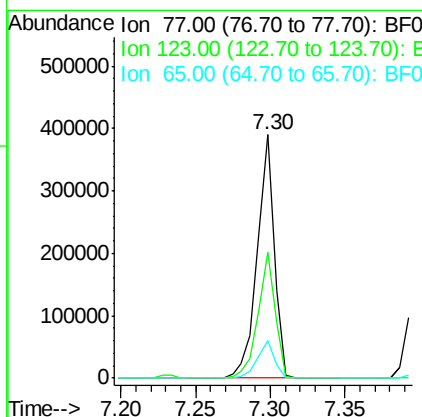
Manual Integrations
 APPROVED

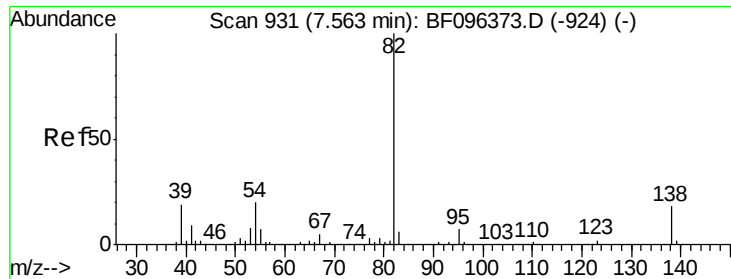
mohammad
 7/10/2017 11:44:49 AM



#24
 Nitrobenzene
 Concen: 34.245 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.6	35.8	53.8
65	15.3	10.6	15.8





#25

Isophorone

Concen: 34.082 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

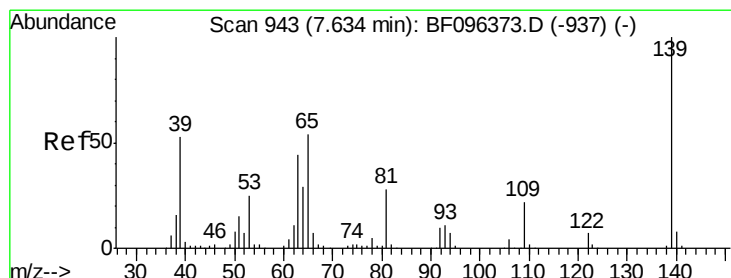
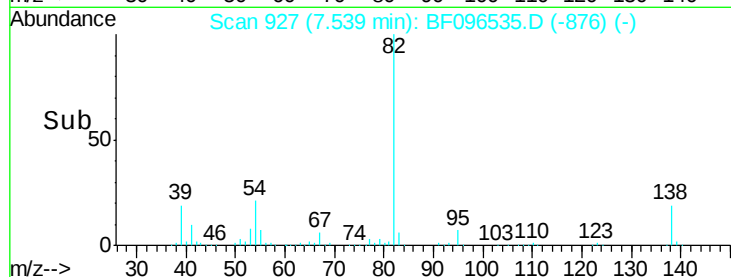
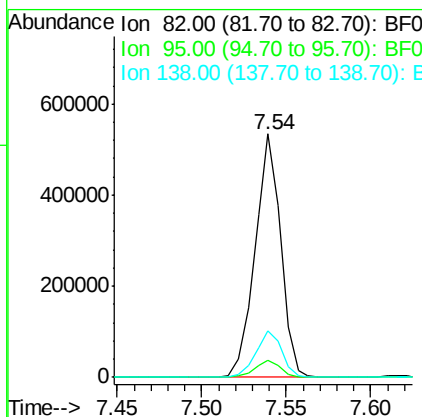
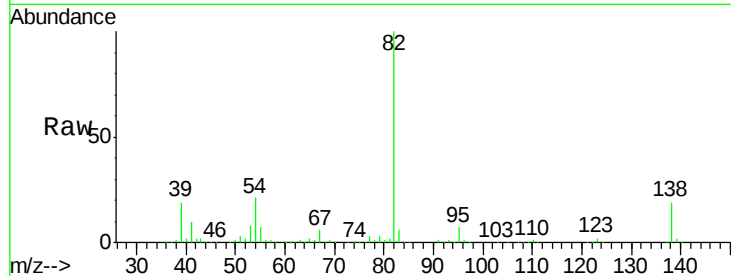
ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion:	82	Resp:	565957
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.3	7.9
138	19.1	13.1	19.7

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#26

2-Nitrophenol

Concen: 33.013 ng

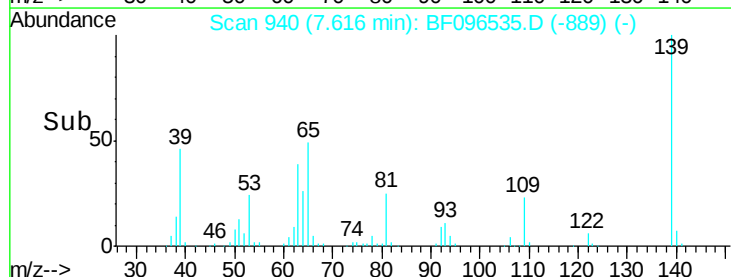
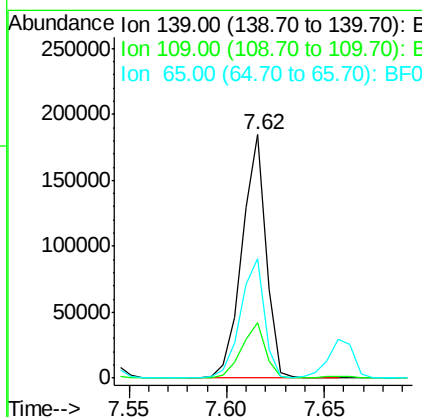
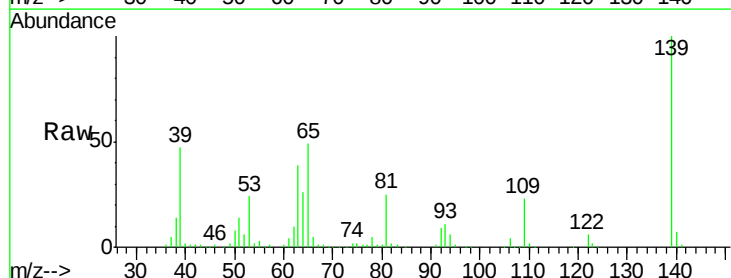
RT: 7.62 min Scan# 940

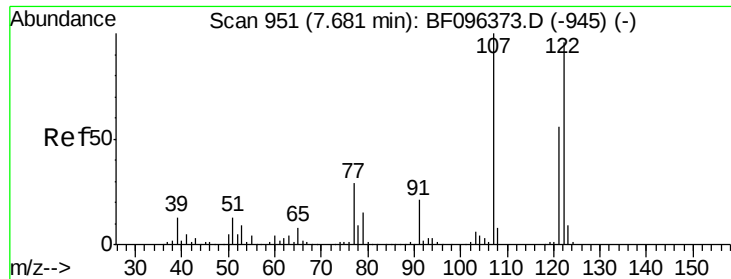
Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:	139	Resp:	156997
Ion Ratio		Lower	Upper
139	100		
109	22.8	21.0	31.6
65	49.3	33.0	49.6





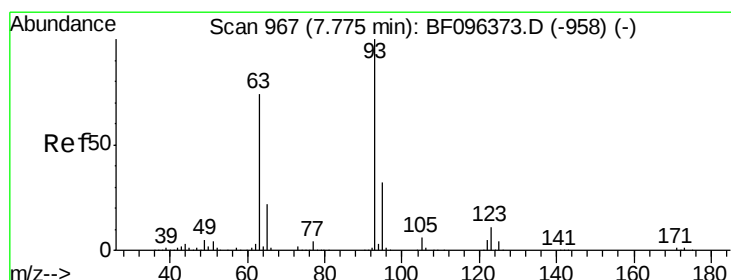
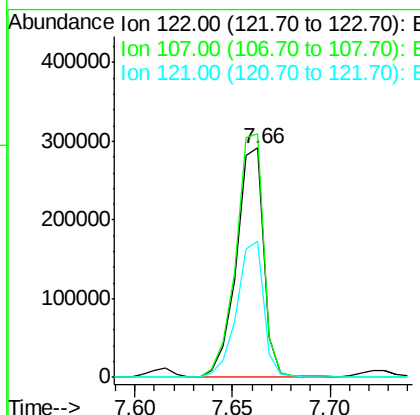
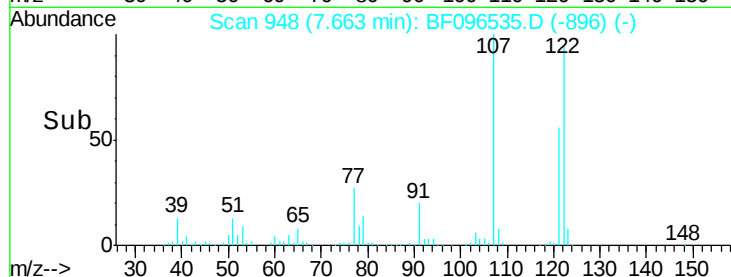
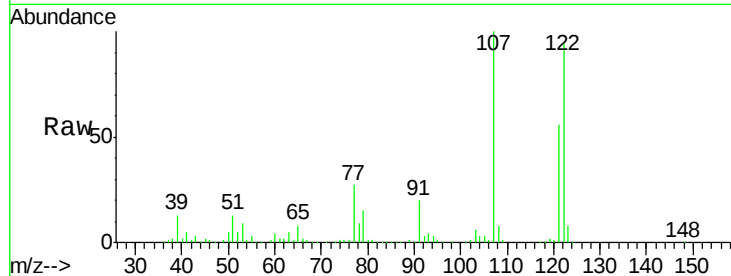
#27
 2,4-Dimethylphenol
 Concen: 35.342 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	286178		
107	106.3	89.2	133.8	
121	59.4	45.2	67.8	

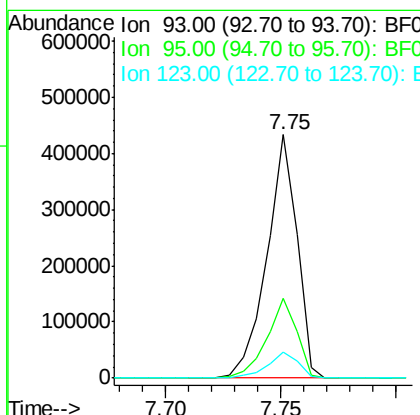
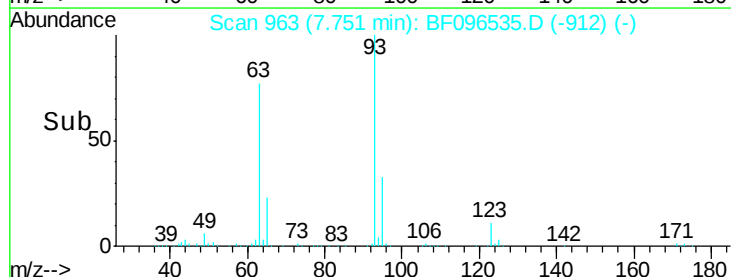
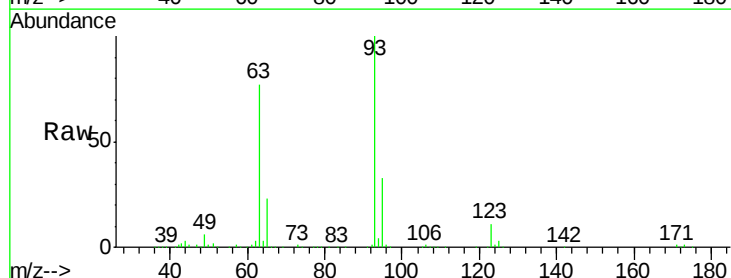
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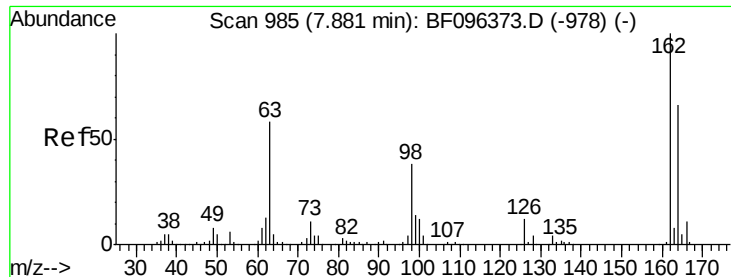
mohammad
 7/10/2017 11:44:49 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.768 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	392077		
95	32.9	26.5	39.7	
123	10.5	9.0	13.4	





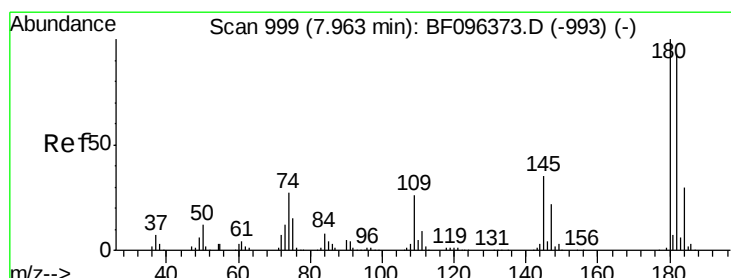
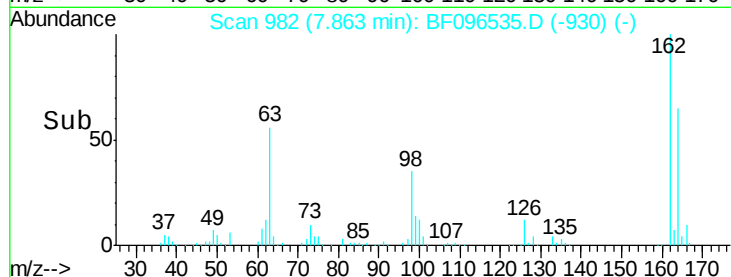
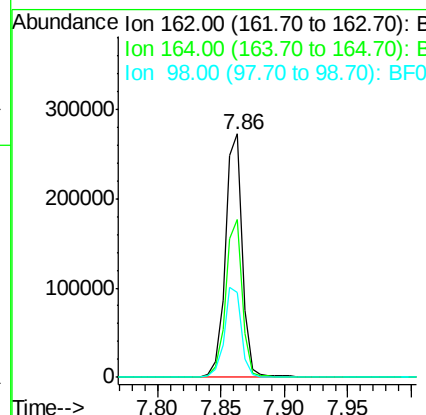
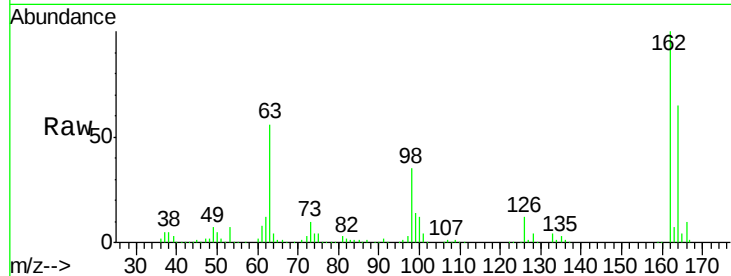
#29
2,4-Dichlorophenol
Concen: 36.476 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	44.6	84.6
98	35.0	14.8	54.8

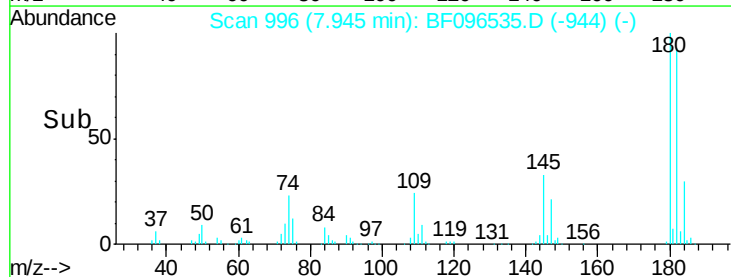
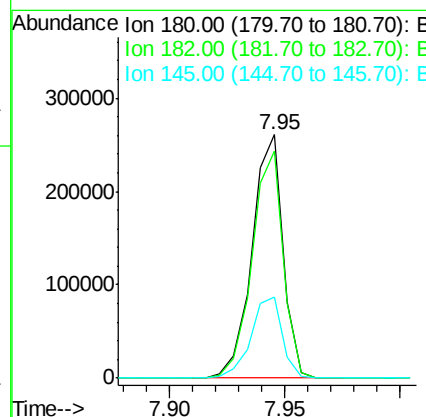
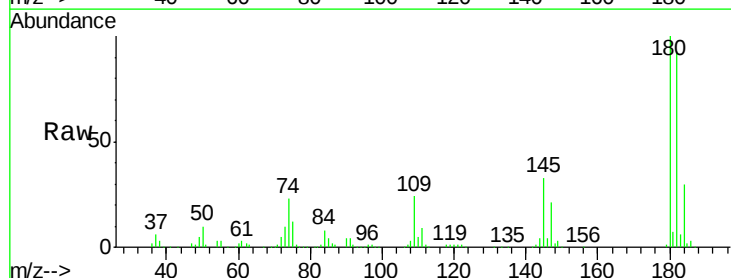
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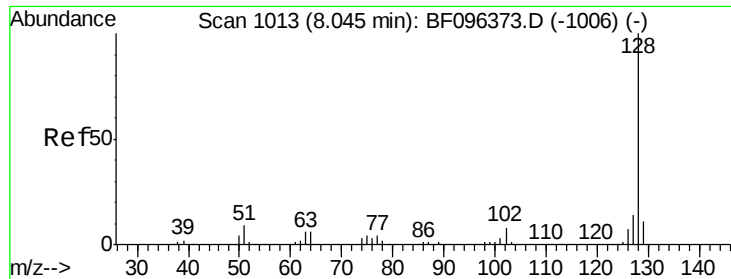
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#30
1,2,4-Trichlorobenzene
Concen: 37.060 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.3	75.8	113.6
145	33.1	25.3	37.9





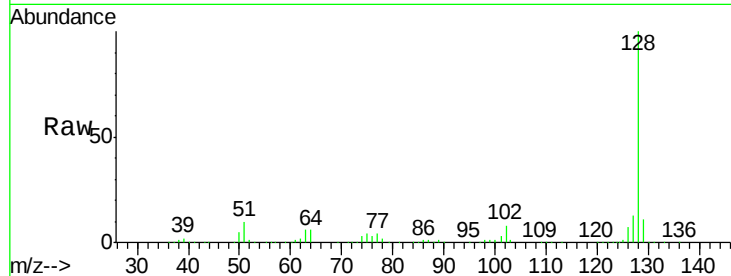
#31
Naphthalene
Concen: 36.533 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

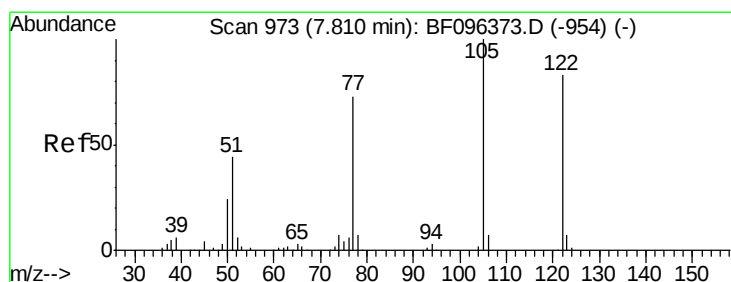
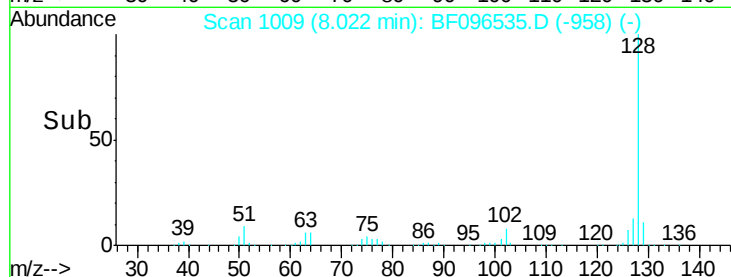
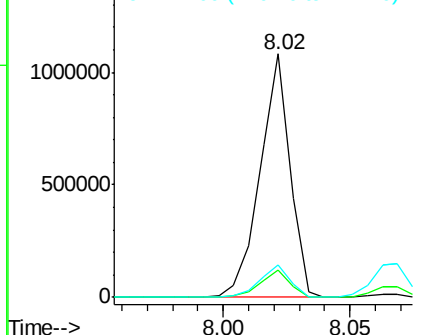
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	887615		
129	11.0	9.0	13.6	
127	13.2	10.8	16.2	

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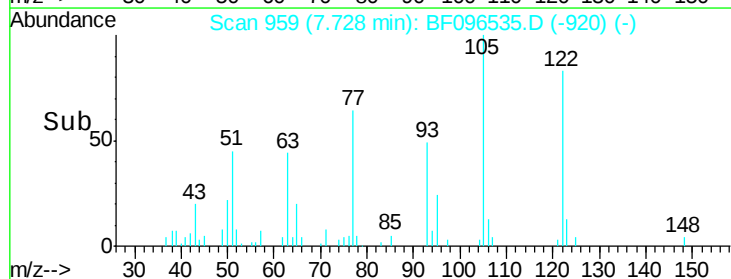
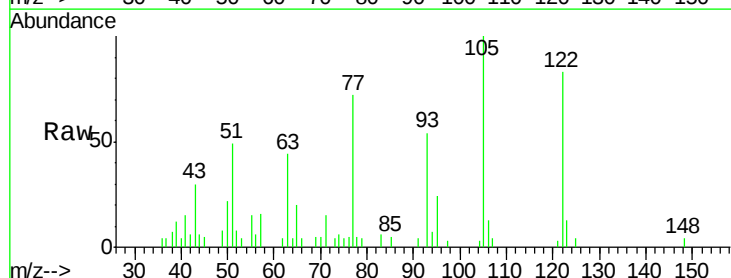
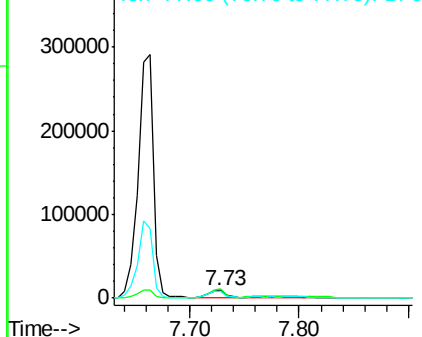
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

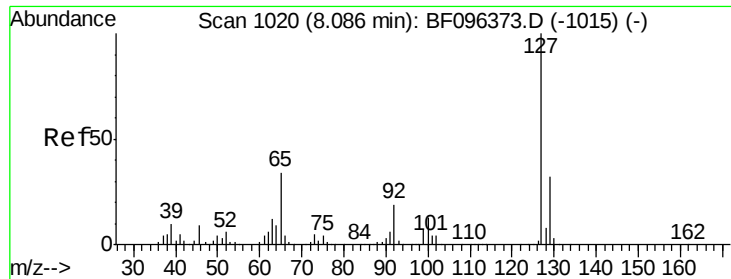


#32
Benzoic acid
Concen: 2.737 ng m
RT: 7.73 min Scan# 959
Delta R.T. -0.07 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18613		
105	121.0	103.3	143.3	
77	86.7	73.7	113.7	

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





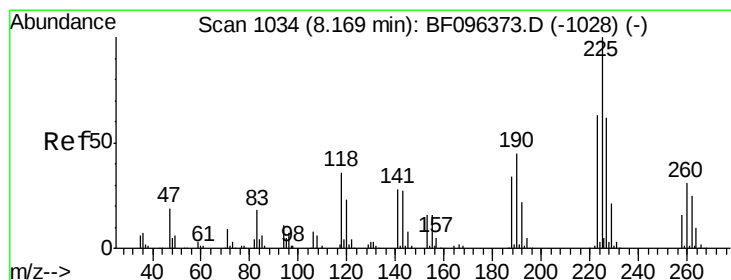
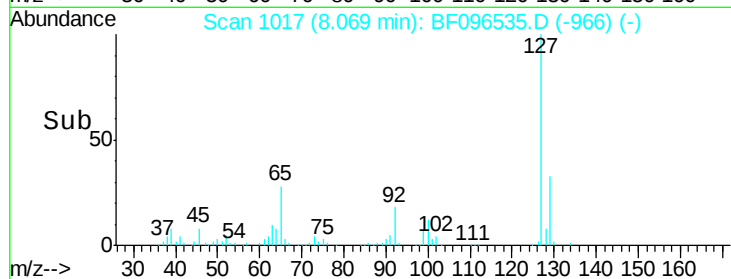
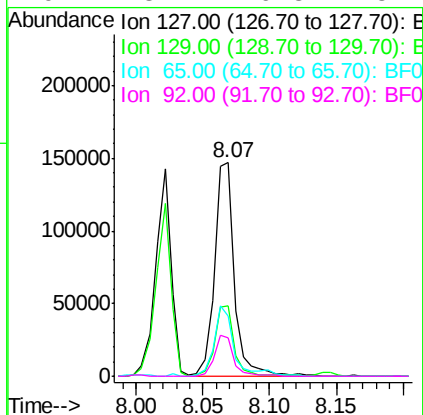
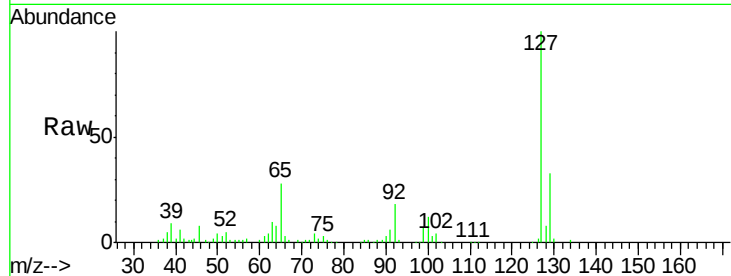
#33
4-Chloroaniline
Concen: 15.404 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	155454		
129	32.9	26.2	39.2	
65	28.4	27.8	41.8	
92	18.2	16.8	25.2	

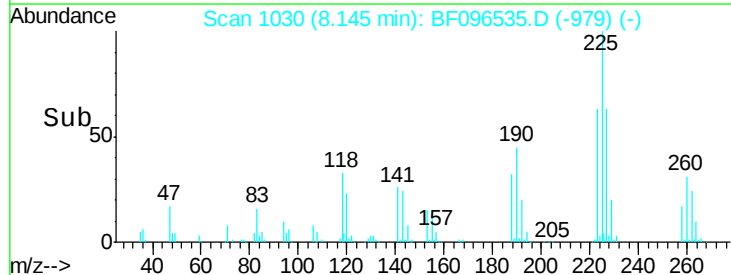
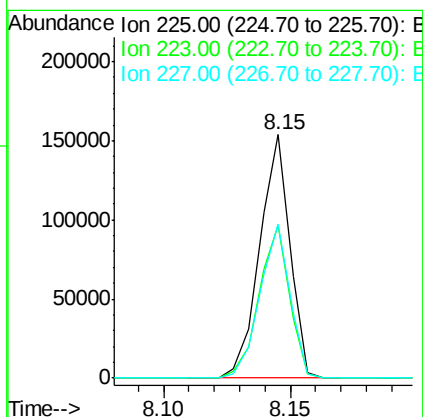
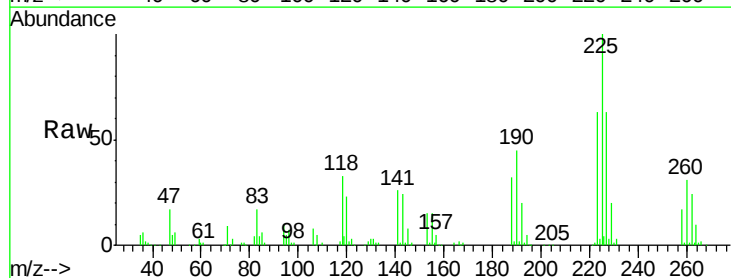
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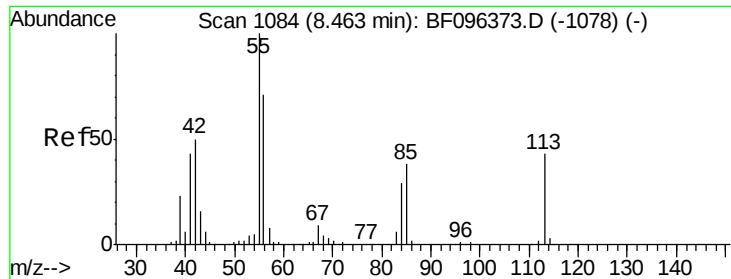
mohammad
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#34
Hexachlorobutadiene
Concen: 37.953 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128287		
223	62.7	48.8	73.2	
227	63.3	51.1	76.7	





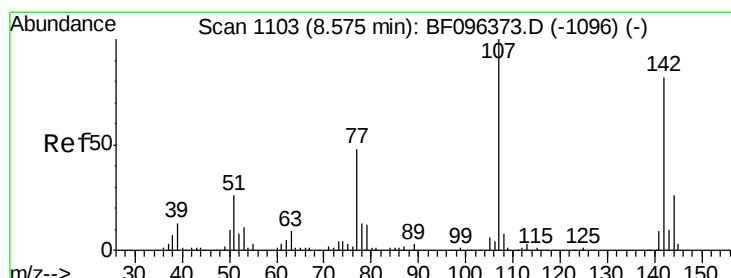
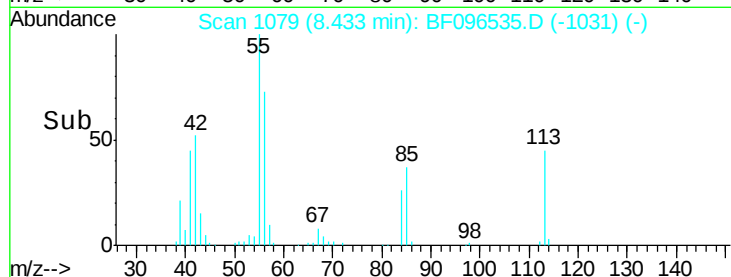
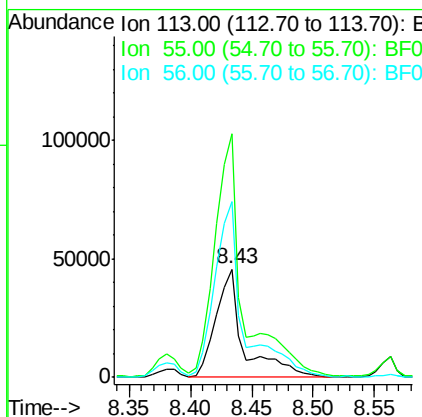
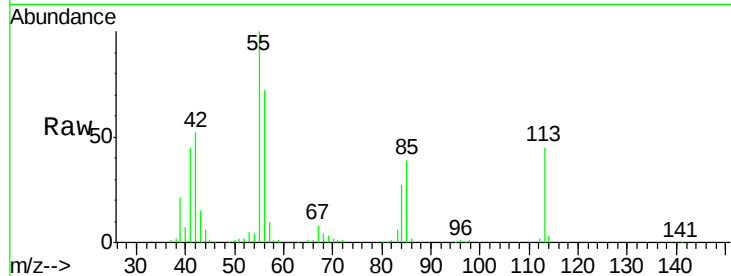
#35
 Caprolactam
 Concen: 30.382 ng m
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion:113 Resp: 73194
 Ion Ratio Lower Upper
 113 100
 55 224.6 150.2 190.2#
 56 162.0 107.8 147.8#

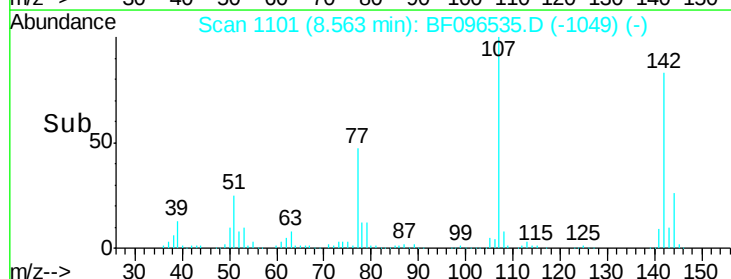
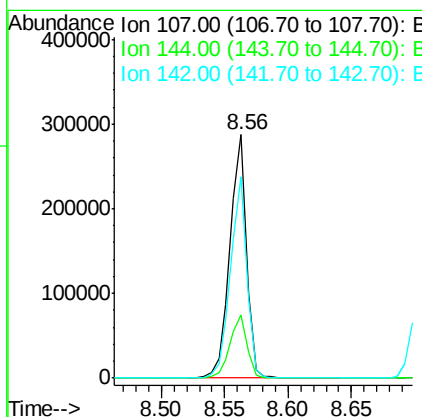
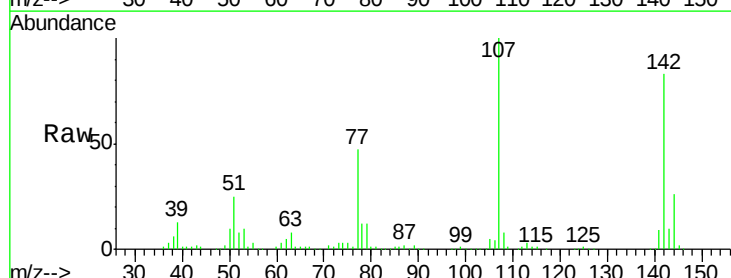
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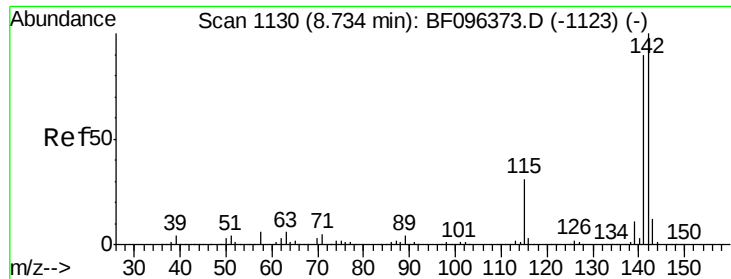
mohammad
 7/10/2017 11:44:49 AM



#36
 4-Chloro-3-methylphenol
 Concen: 33.493 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion:107 Resp: 258920
 Ion Ratio Lower Upper
 107 100
 144 26.0 24.2 36.4
 142 82.6 73.4 110.0





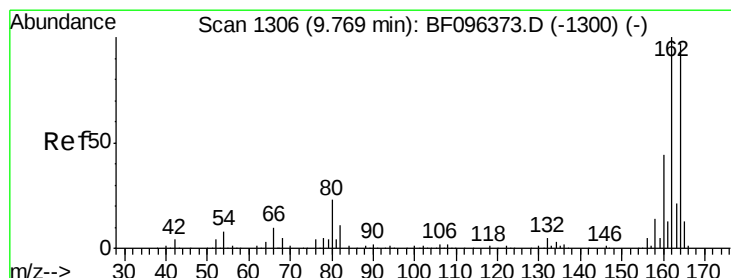
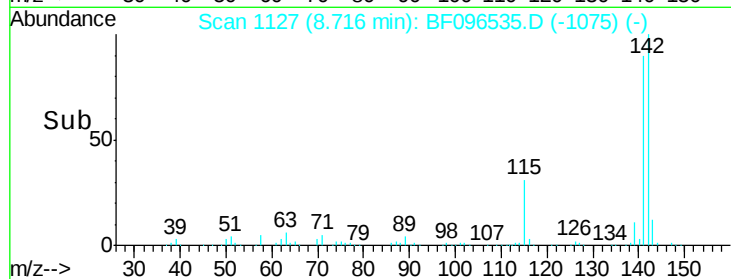
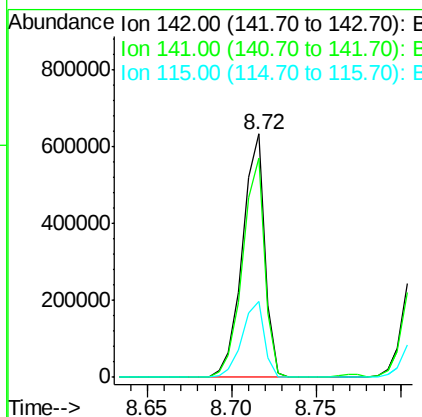
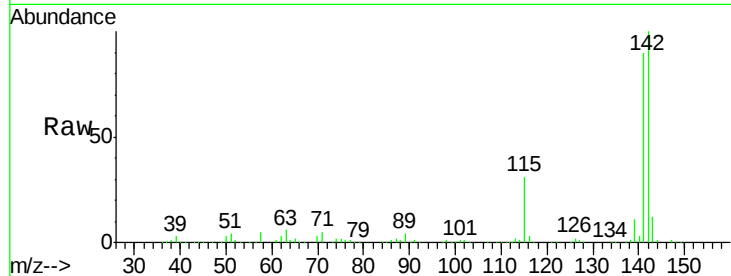
#37
2-Methylnaphthalene
Concen: 37.911 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	31.1	27.1	40.7

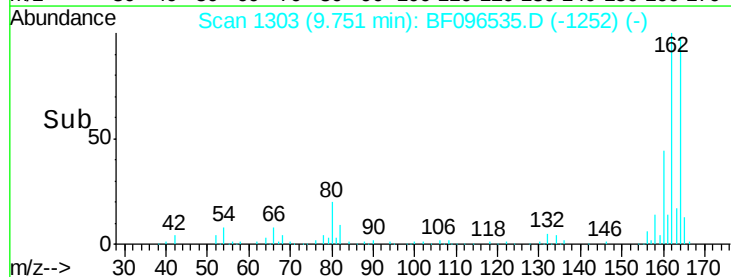
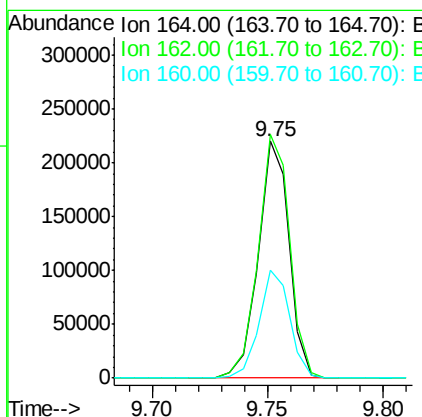
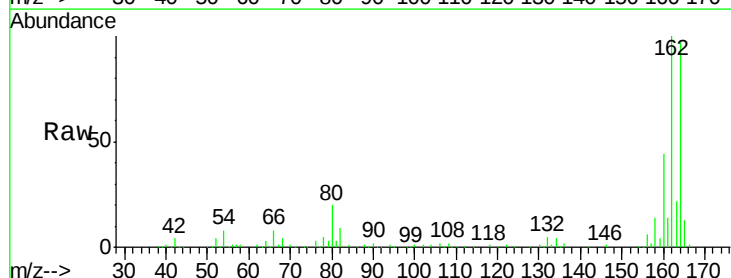
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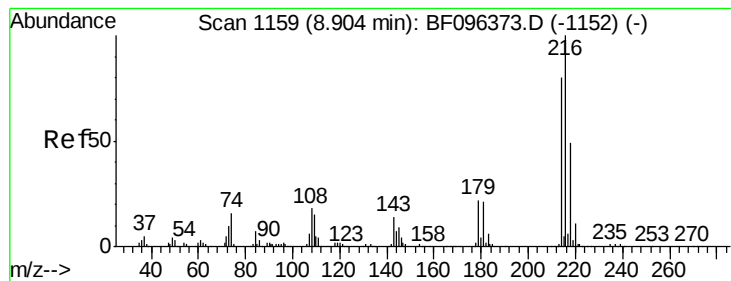
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.559 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

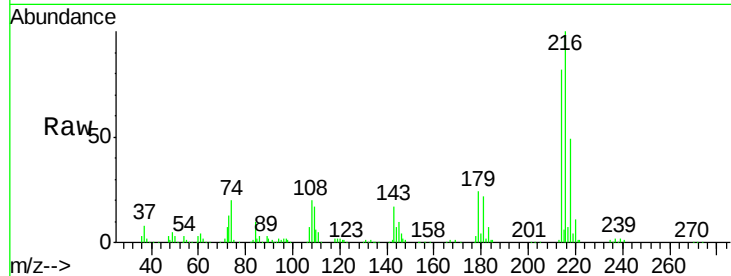
ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	209937		
214	80.0	63.4	95.2	
179	22.5	17.9	26.9	
108	19.3	16.5	24.7	

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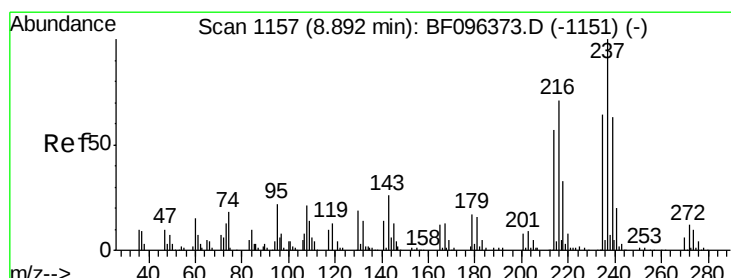
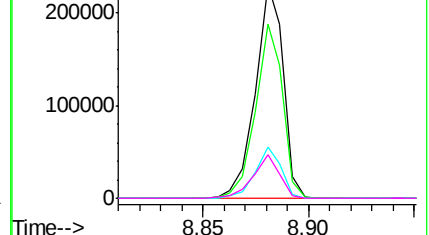
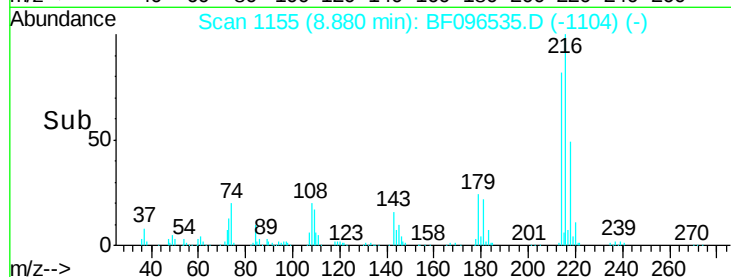


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 15.233 ng

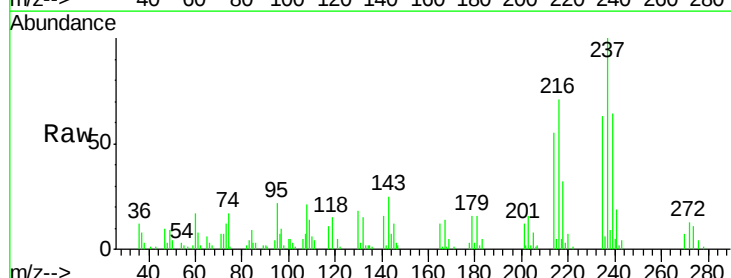
RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

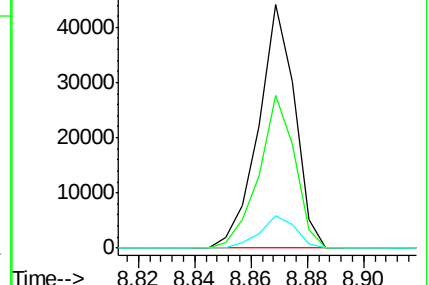
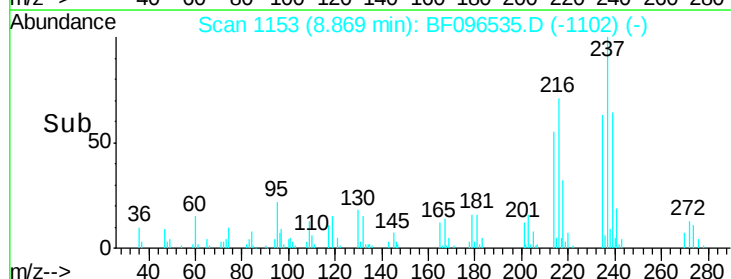
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	39307		
235	63.0	42.6	82.6	
272	13.2	0.0	31.9	

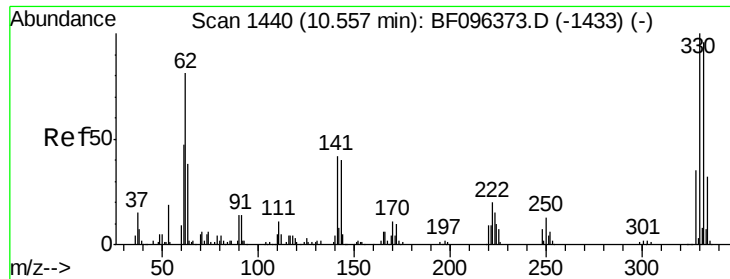


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





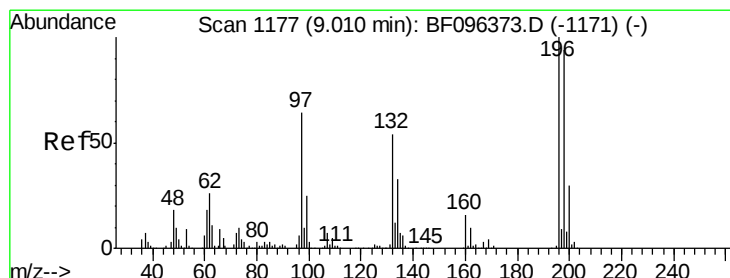
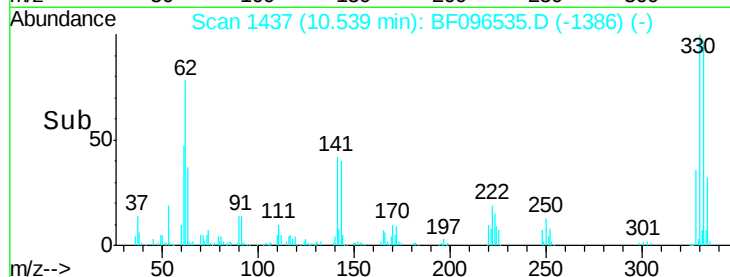
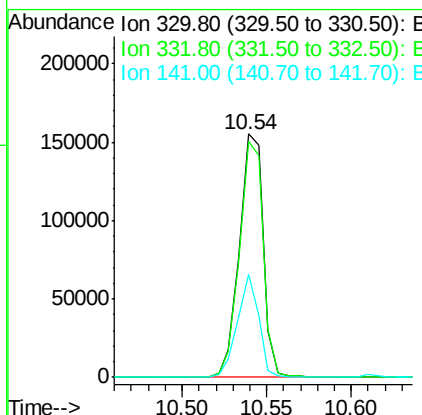
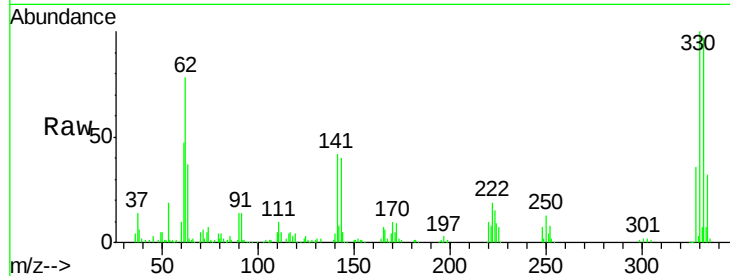
#41
 2,4,6-Tribromophenol
 Concen: 95.947 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	153182		
332	96.8	76.6	115.0	
141	37.1	31.4	47.2	

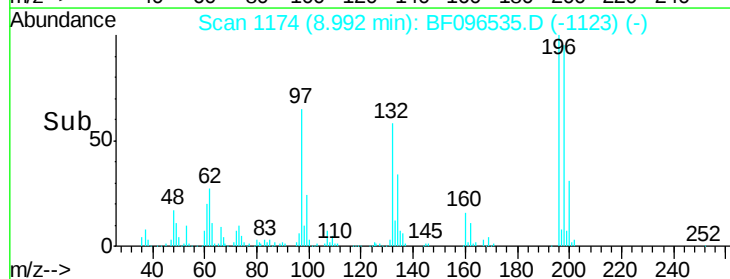
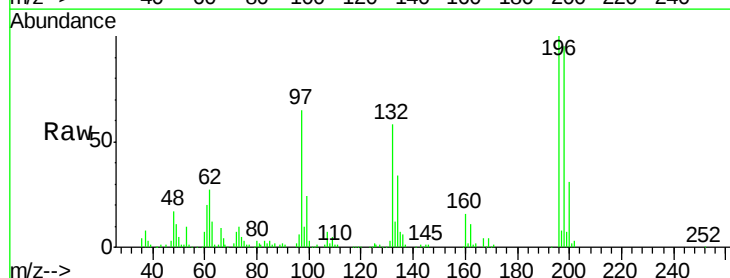
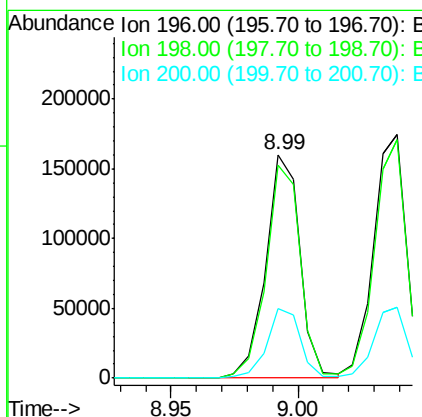
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#42
 2,4,6-Trichlorophenol
 Concen: 36.143 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151739		
198	95.4	74.2	111.4	
200	30.9	24.0	36.0	





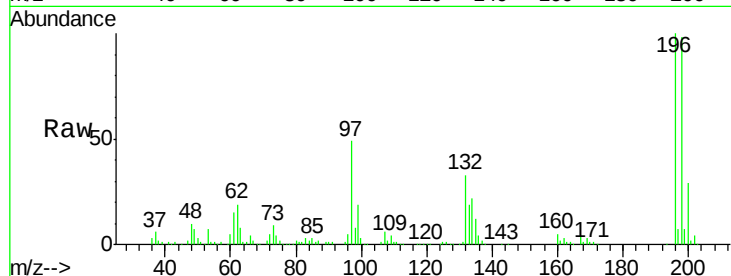
#43
 2,4,5-Trichlorophenol
 Concen: 38.409 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

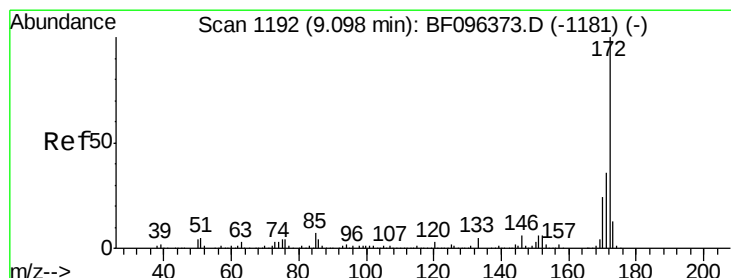
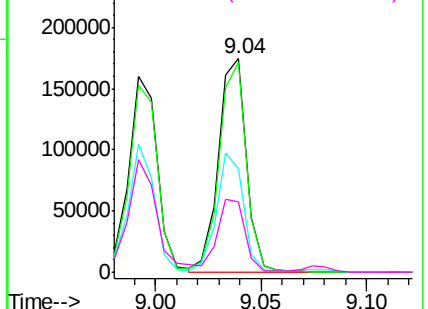
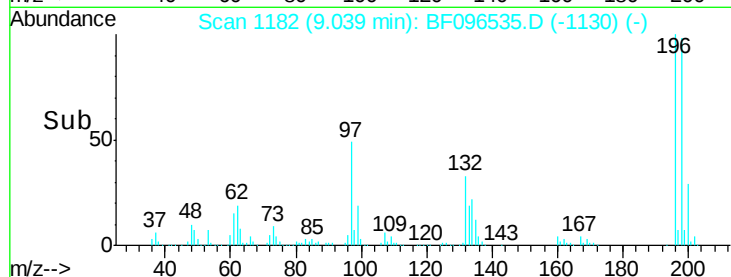
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159436		
198	98.2	75.7	113.5	
97	48.7	47.7	71.5	
132	33.1	28.0	42.0	

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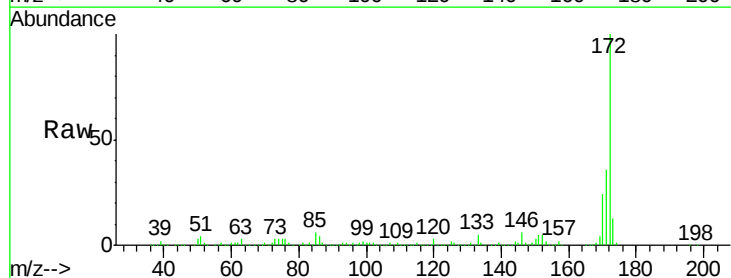


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

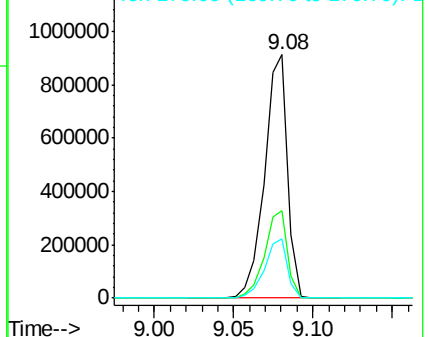
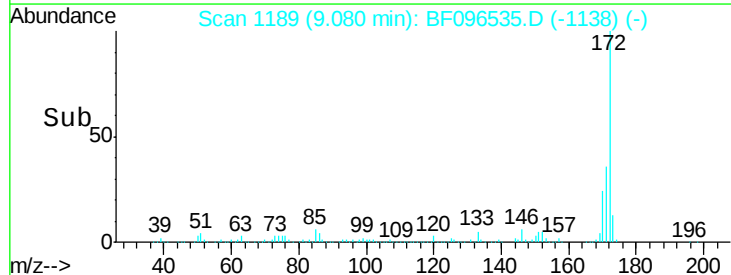


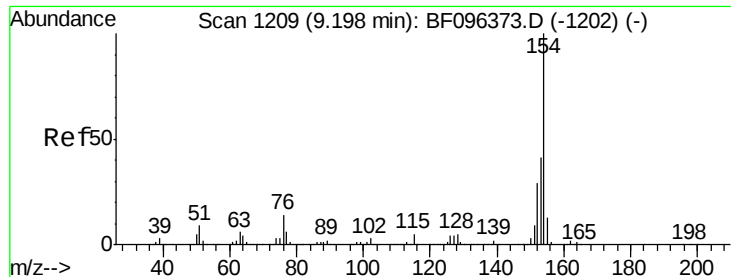
#44
 2-Fluorobiphenyl
 Concen: 77.389 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	925112		
171	35.7	29.6	44.4	
170	24.3	19.8	29.8	



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





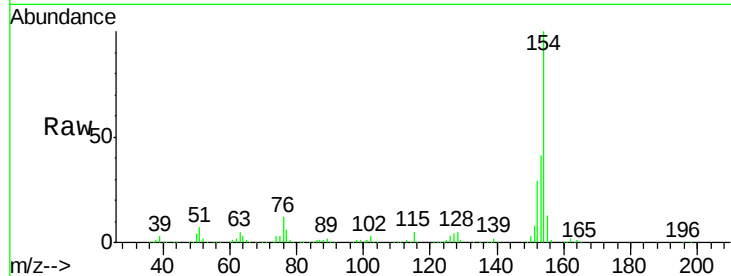
#45
 1,1'-Biphenyl
 Concen: 38.282 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

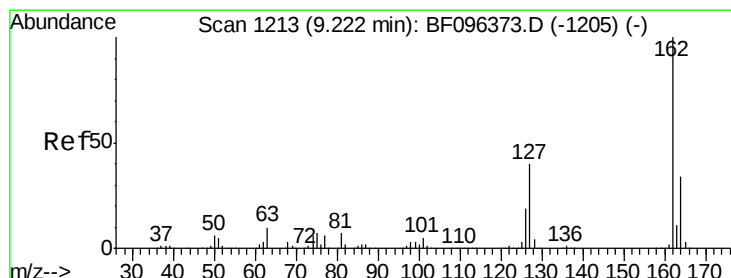
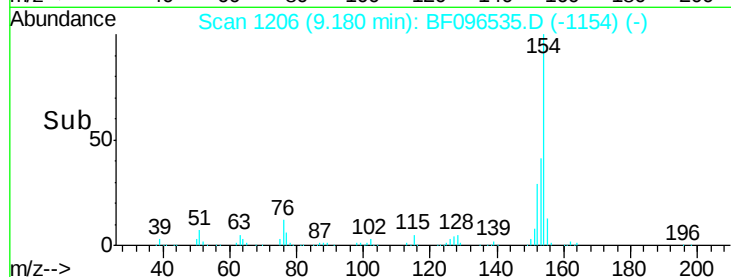
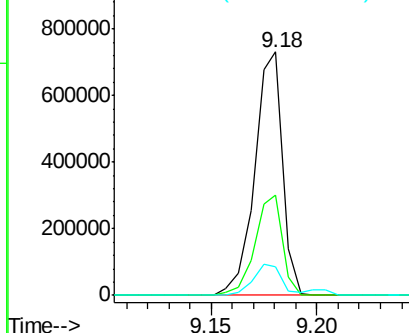
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.4	21.2	61.2
76	11.8	0.0	29.9

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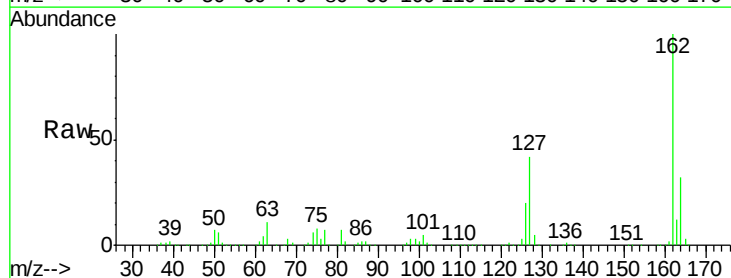


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

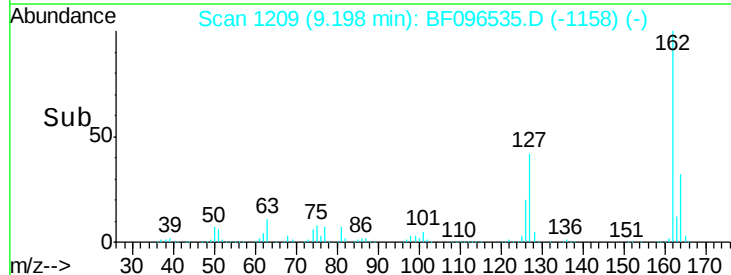
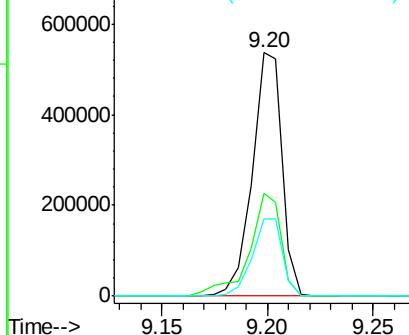


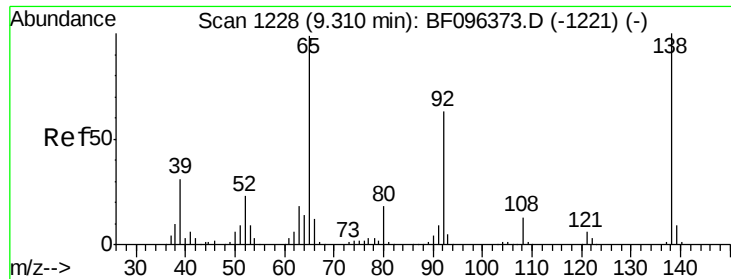
#46
 2-Chloronaphthalene
 Concen: 40.326 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.0	28.3	42.5
164	32.0	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





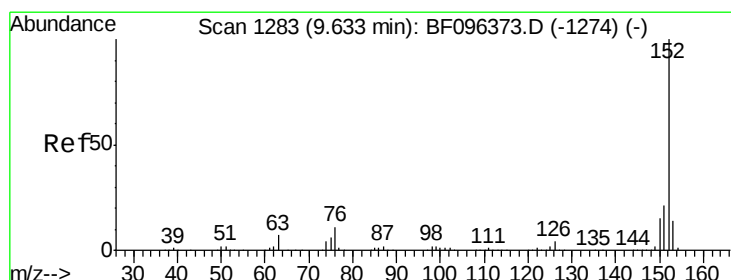
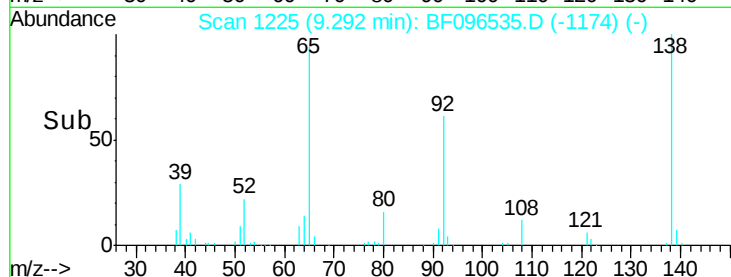
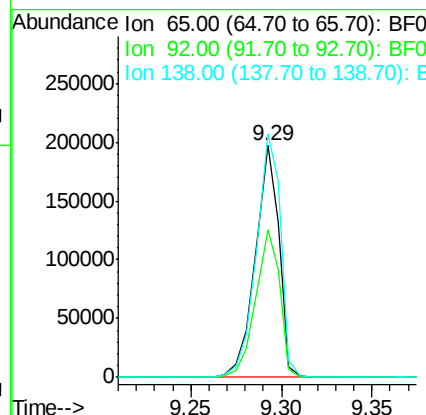
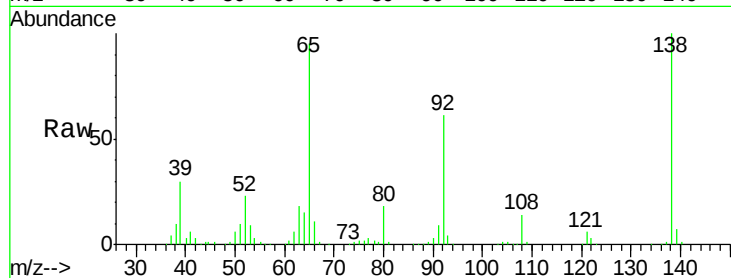
#47
2-Nitroaniline
Concen: 37.470 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	53.9	80.9
138	105.2	78.8	118.2

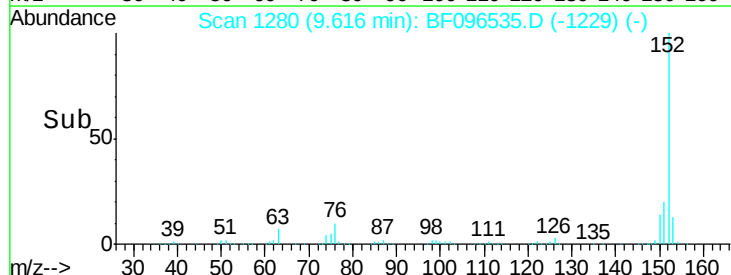
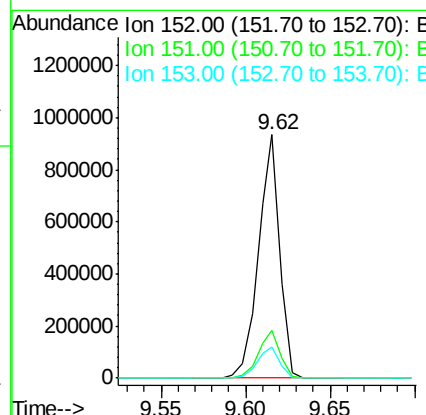
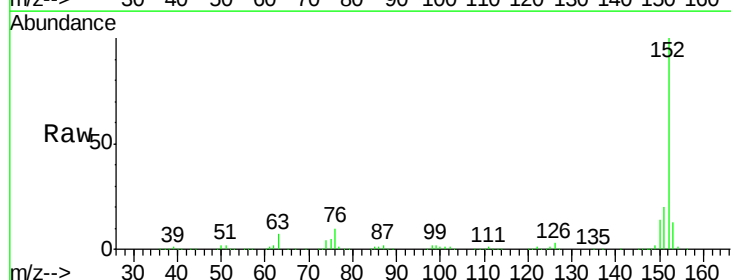
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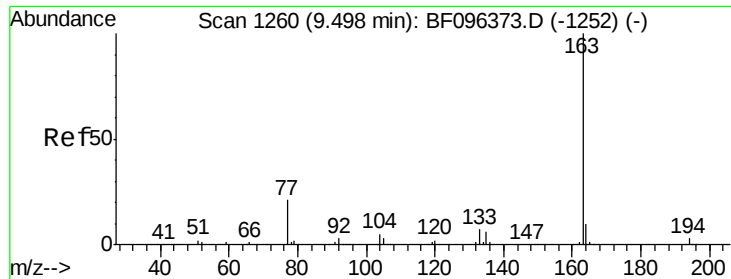
mohammad
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#48
Acenaphthylene
Concen: 39.361 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.0	10.8	16.2





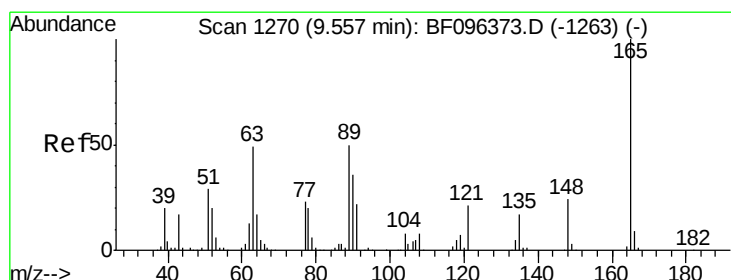
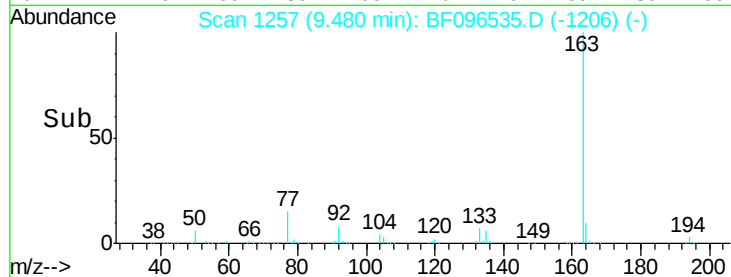
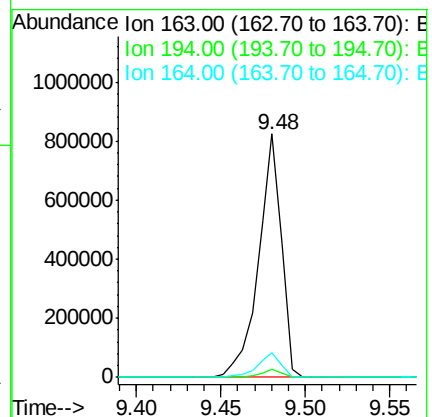
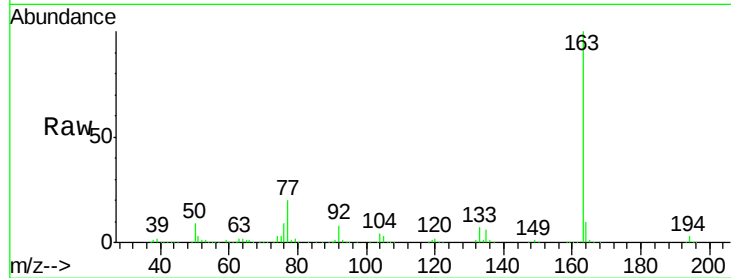
#49
Dimethylphthalate
Concen: 51.054 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	778972		
194	3.2	2.6	4.0	
164	10.3	8.4	12.6	

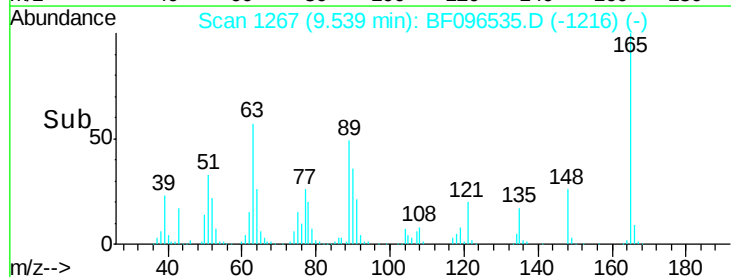
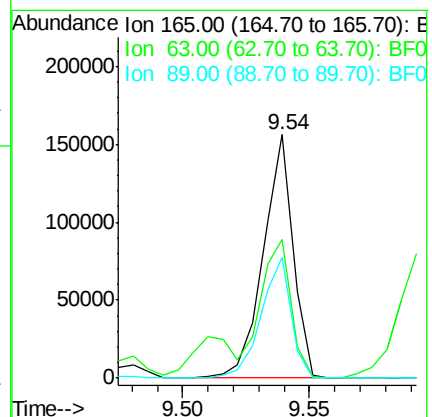
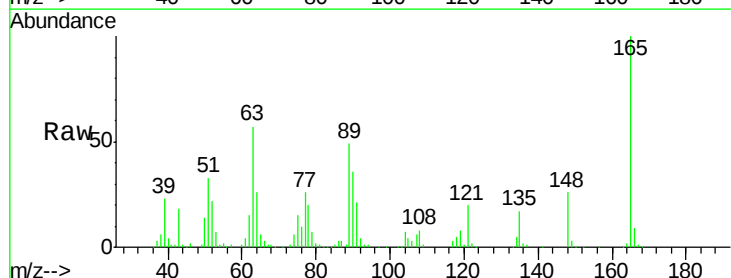
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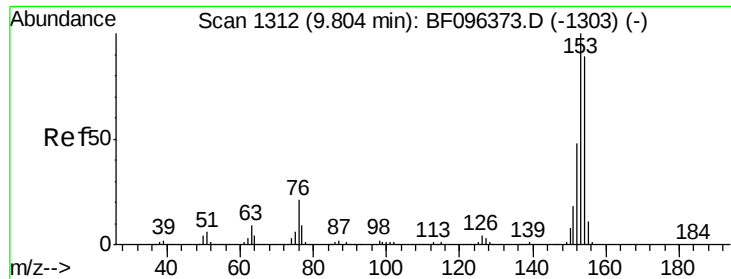
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#50
2,6-Dinitrotoluene
Concen: 38.035 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	128331		
63	57.0	34.3	51.5#	
89	49.3	37.1	55.7	





#51

Acenaphthene

Concen: 33.487 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

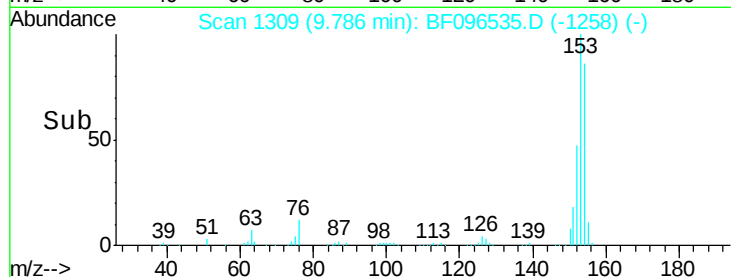
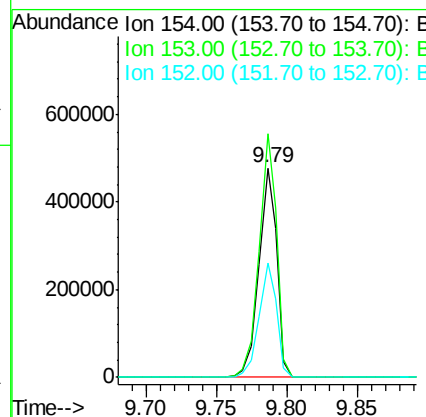
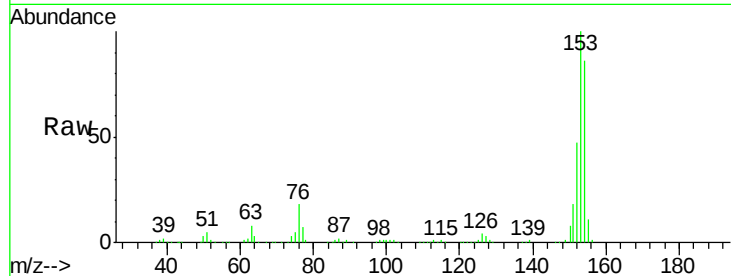
ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion:	154	Resp:	426862
Ion Ratio	Lower	Upper	
154	100		
153	116.2	90.5	135.7
152	54.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 30.948 ng

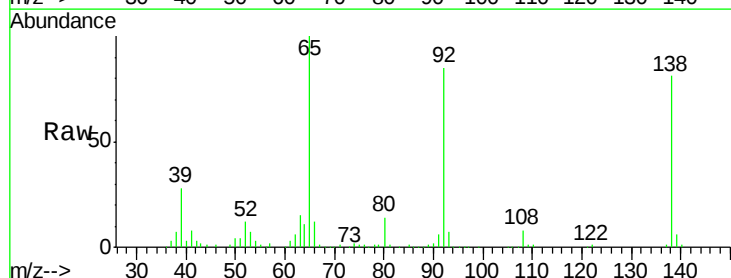
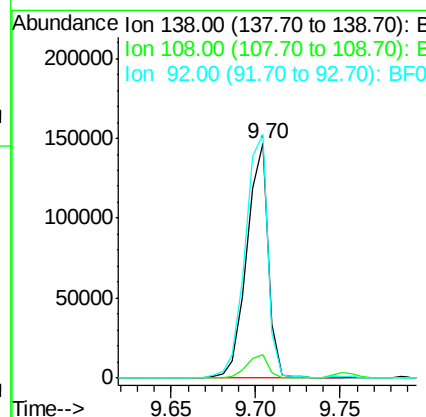
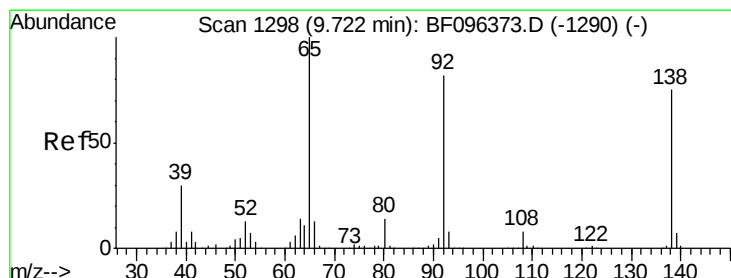
RT: 9.70 min Scan# 1295

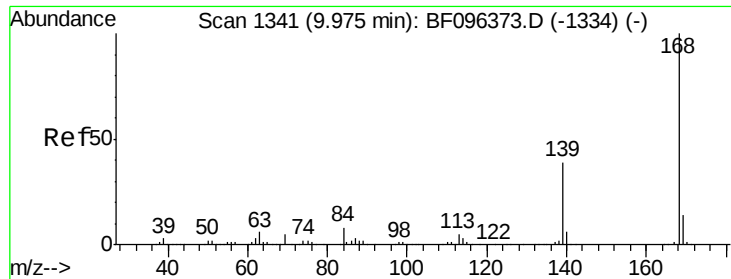
Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:	138	Resp:	130239
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	104.0	93.8	140.6





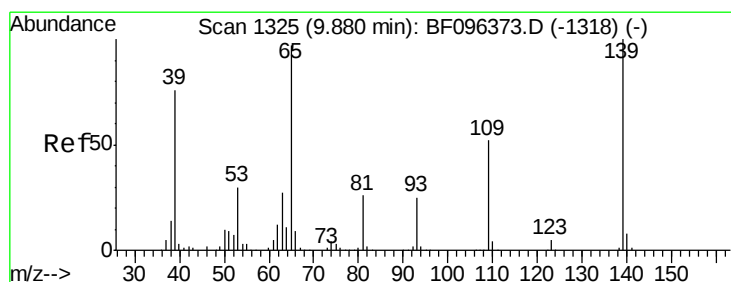
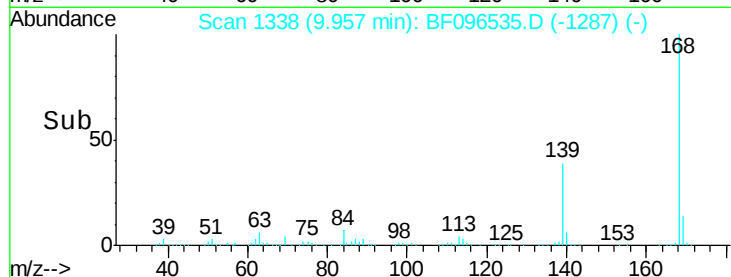
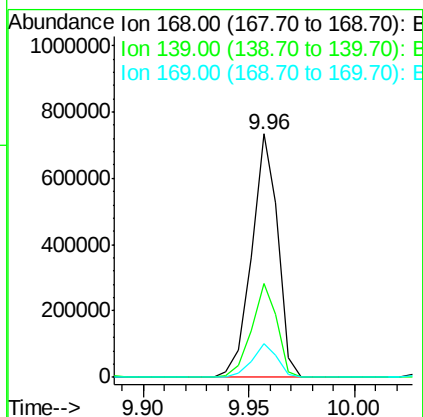
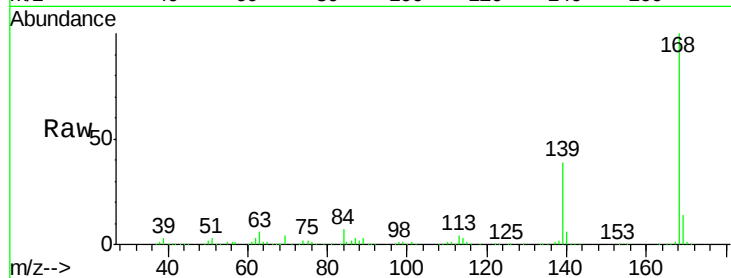
#54
Dibenzofuran
Concen: 37.482 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	630811		
139	38.6	30.6	45.8	
169	13.7	10.8	16.2	

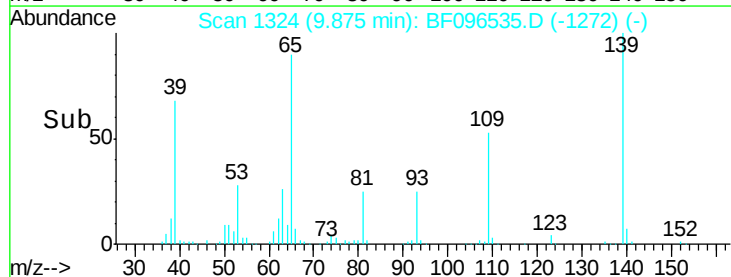
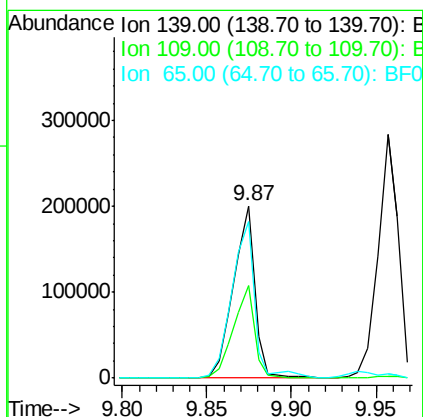
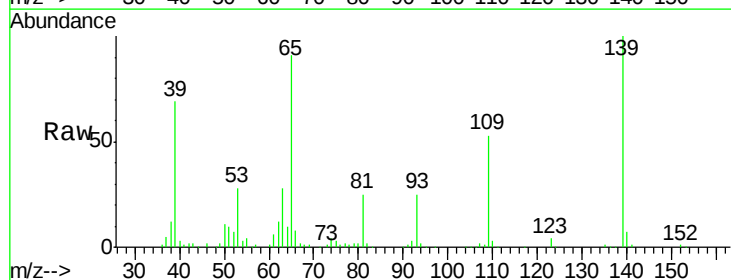
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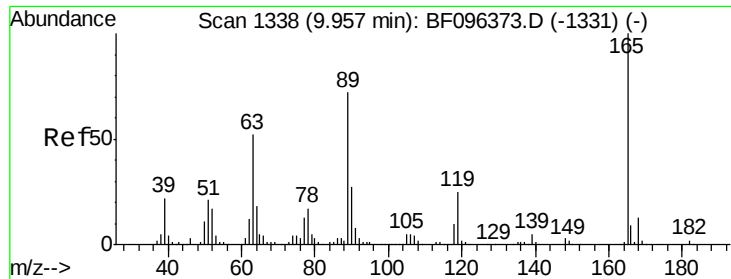
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#55
4-Nitrophenol
Concen: 51.036 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	178015		
109	53.5	34.1	74.1	
65	90.7	31.4	71.4#	





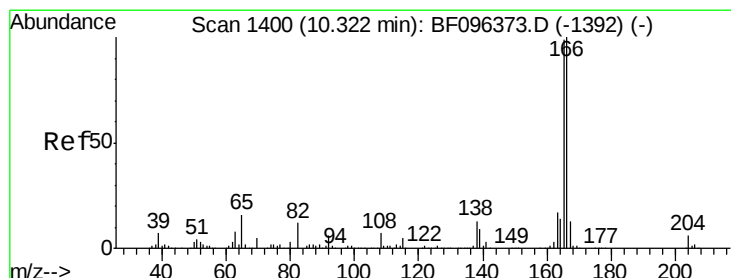
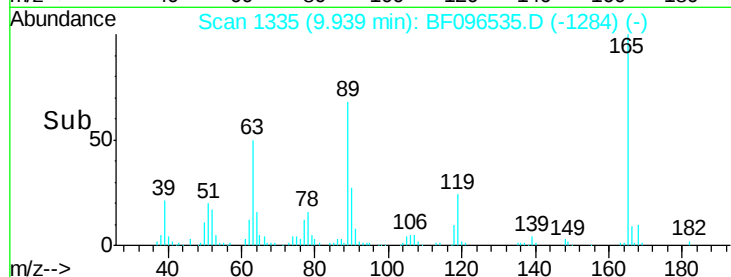
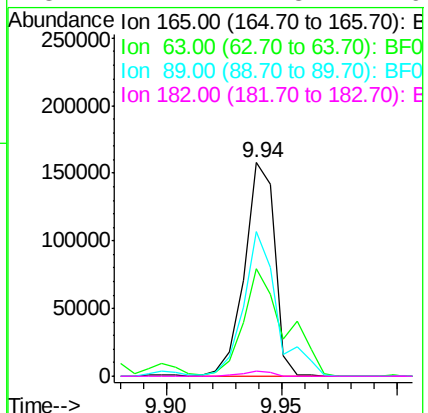
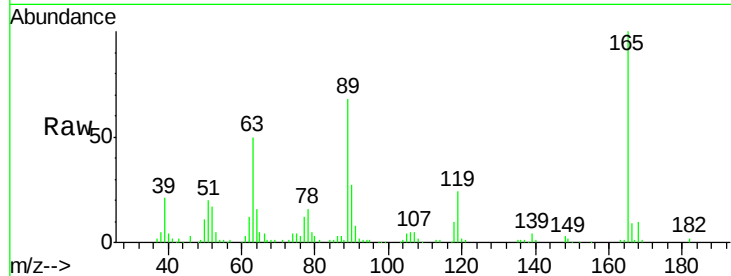
#56
2,4-Dinitrotoluene
Concen: 33.891 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.3	25.4	38.0#
89	67.6	46.4	69.6
182	2.2	1.8	2.6

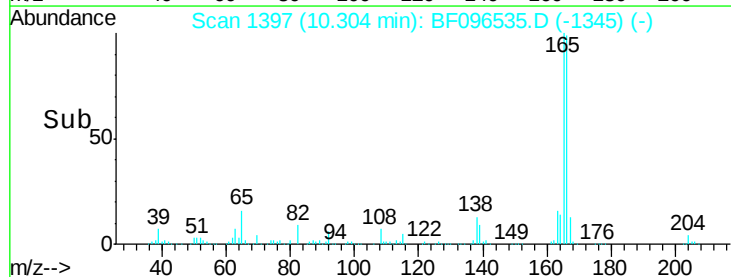
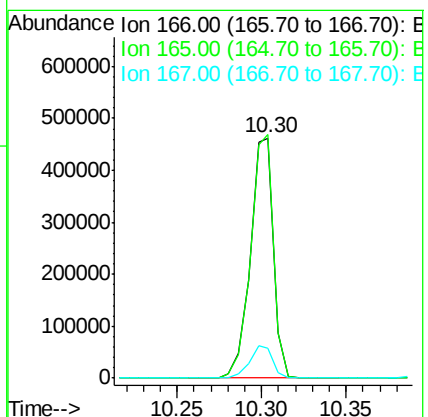
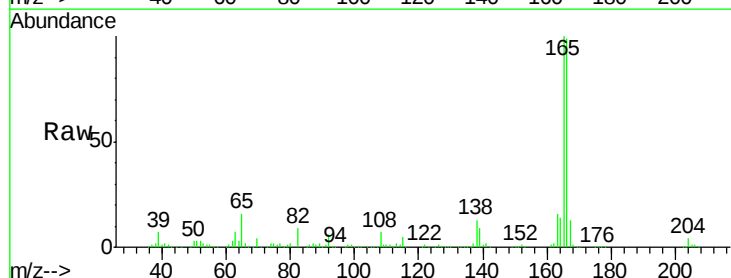
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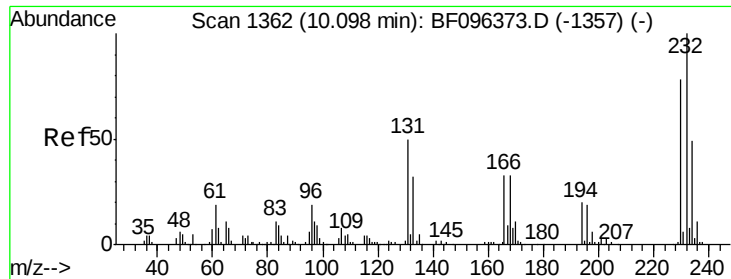
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#57
Fluorene
Concen: 37.304 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	101.3	78.8	118.2
167	12.7	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 35.589 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF096535.D

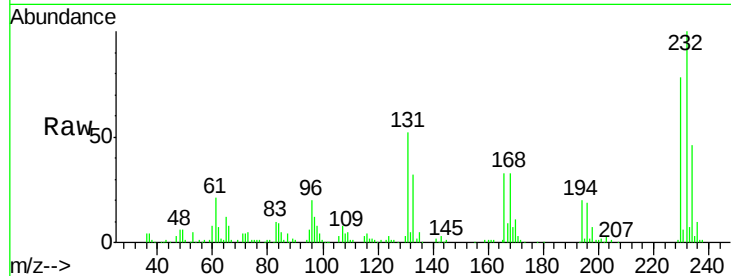
Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

CIY-SB-01-0-50MSD



Tgt Ion: 232 Resp: 102208

Ion Ratio Lower Upper

232 100

131 53.6 44.8 67.2

130 2.6 2.3 3.5

166 34.3 29.0 43.4

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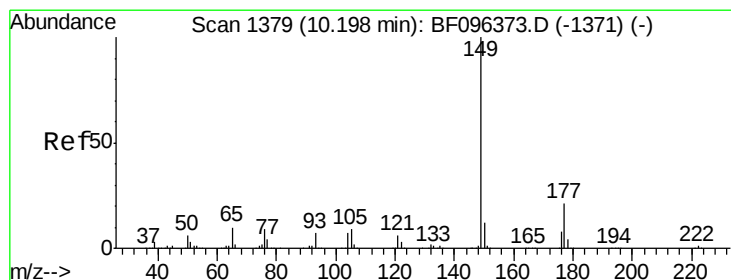
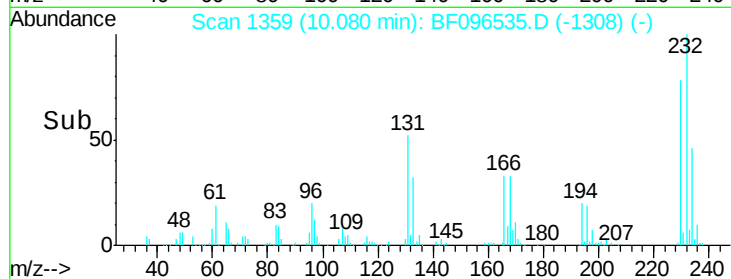
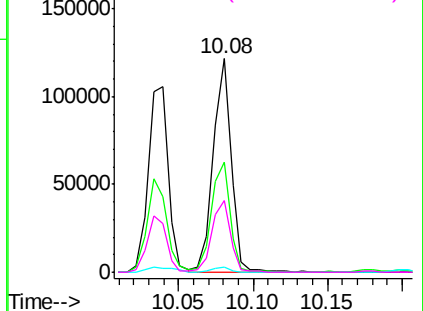
mohammad
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Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 37.809 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion: 149 Resp: 545269

Ion Ratio Lower Upper

149 100

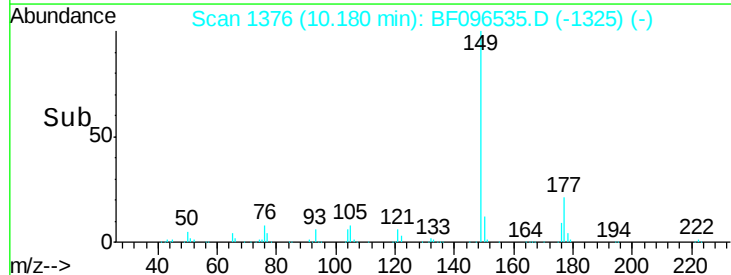
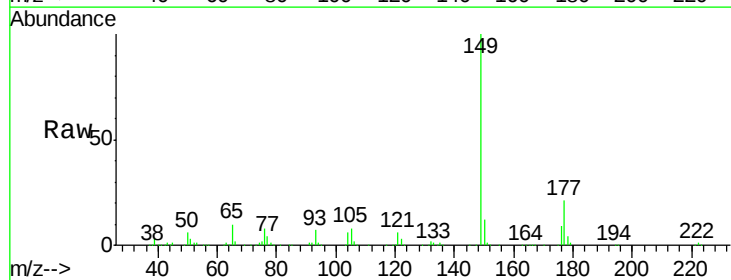
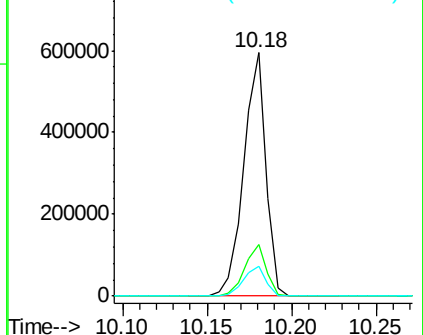
177 21.4 16.7 25.1

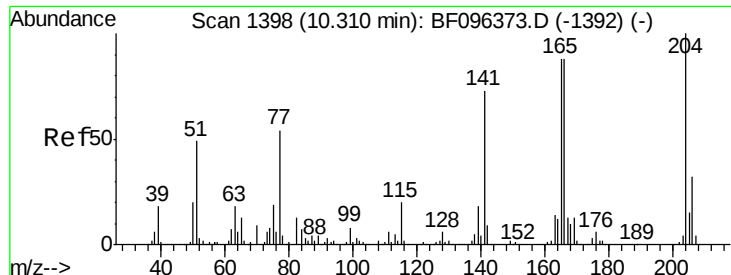
150 12.2 10.2 15.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





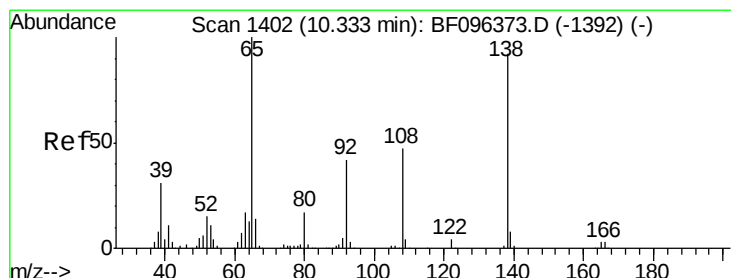
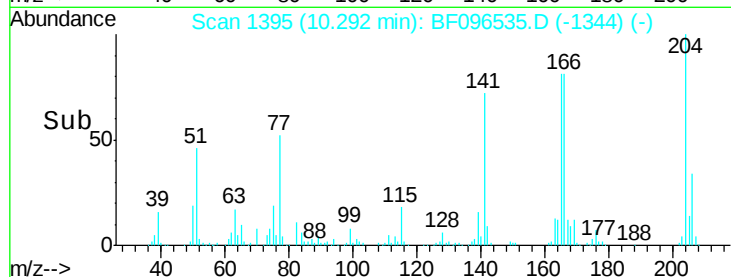
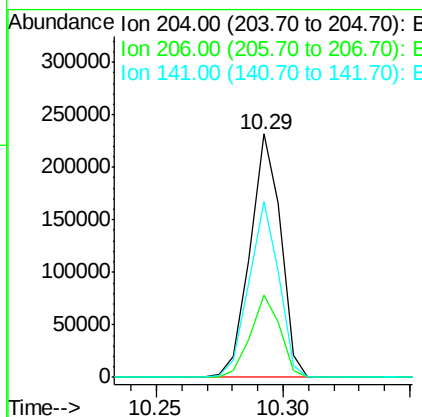
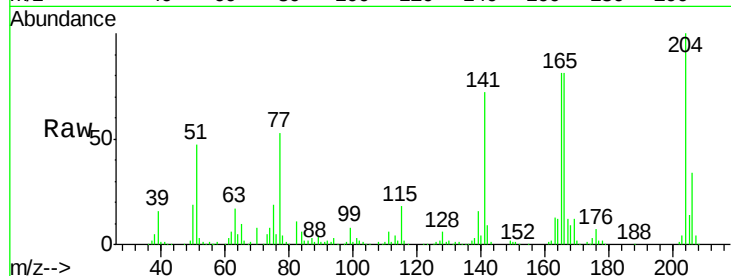
#60
 4-Chlorophenyl-phenylether
 Concen: 37.754 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	72.0	60.8	91.2

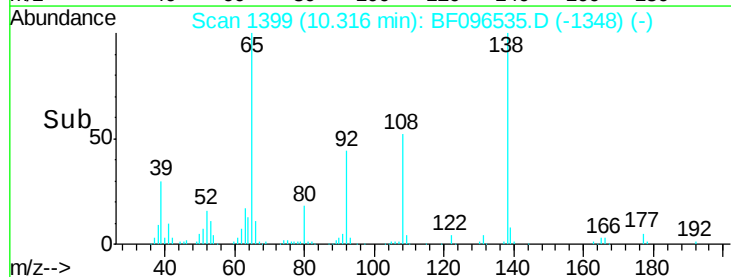
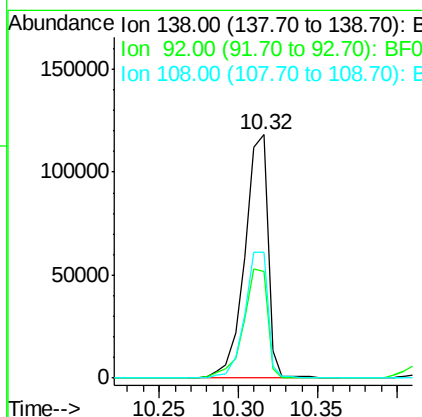
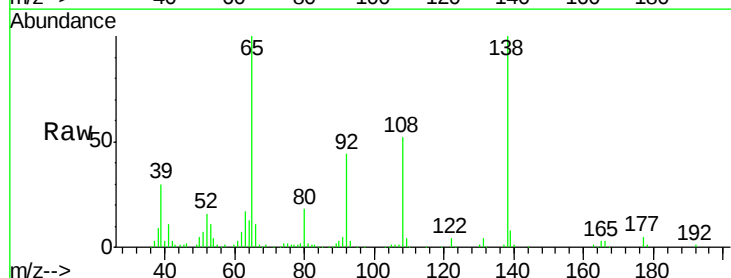
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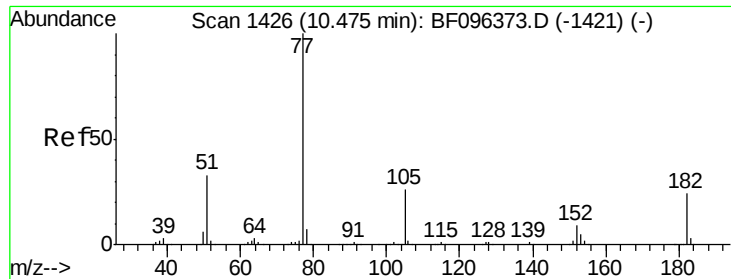
mohammad
 7/10/2017 11:44:49 AM



#61
 4-Nitroaniline
 Concen: 31.189 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.7	21.8	61.8
108	51.9	42.3	82.3





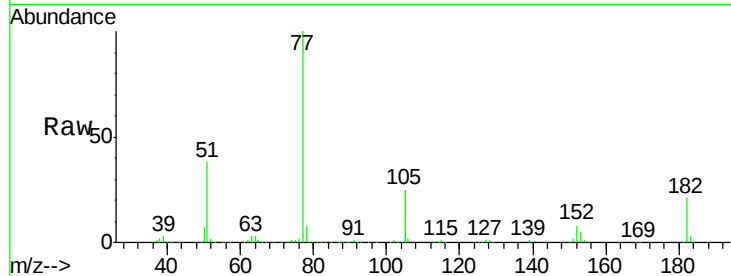
#62
Azobenzene
Concen: 33.673 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

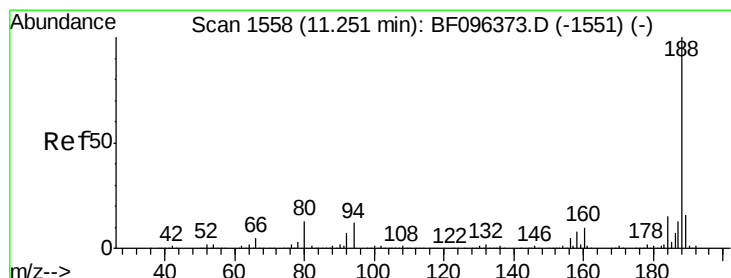
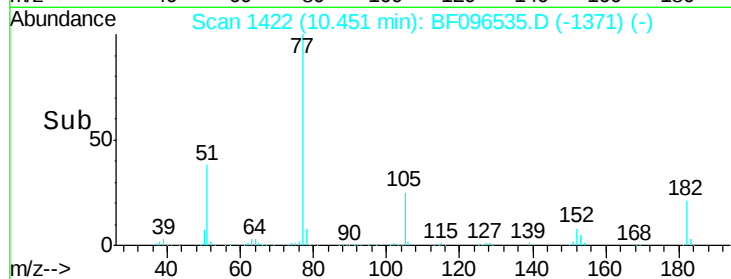
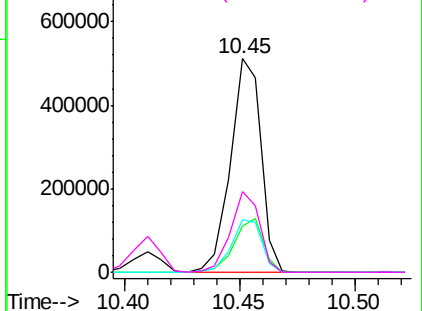
Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.1	40.1
105	24.7	3.6	43.6
51	37.7	9.4	49.4

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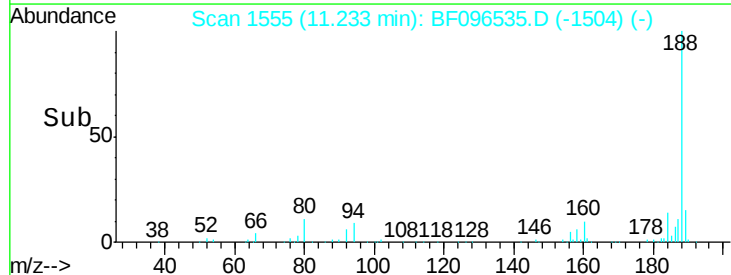
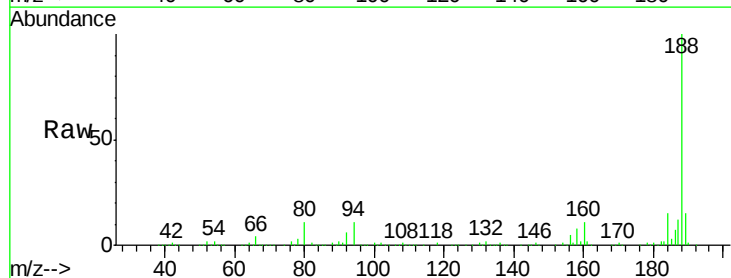
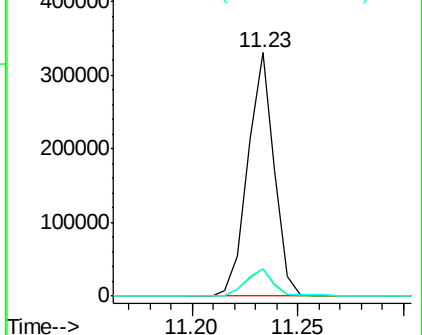
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

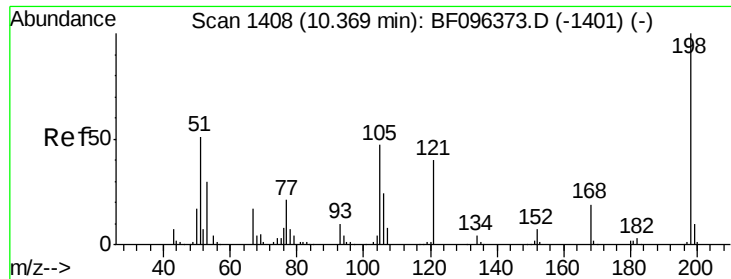


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.5	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





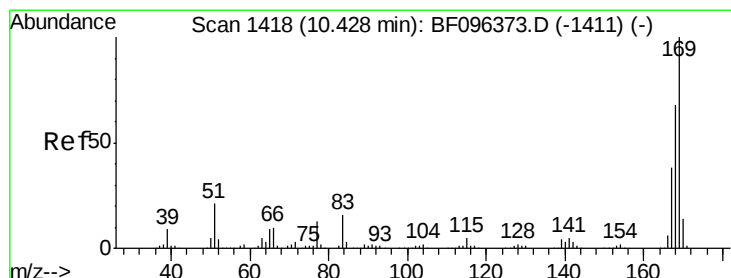
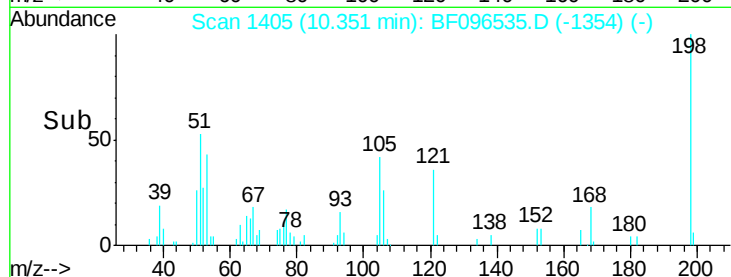
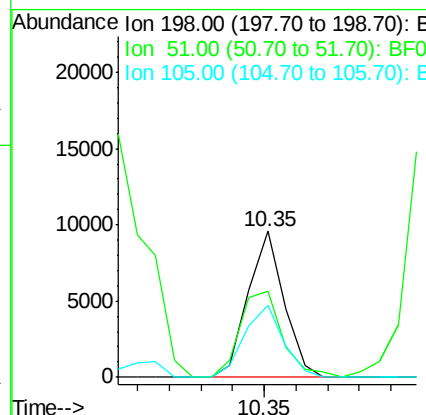
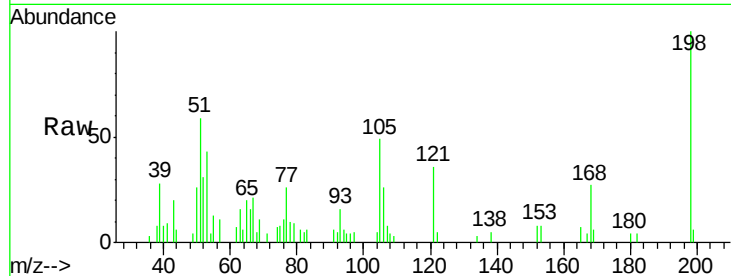
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.820 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.8	53.2	93.2
105	49.3	45.8	85.8

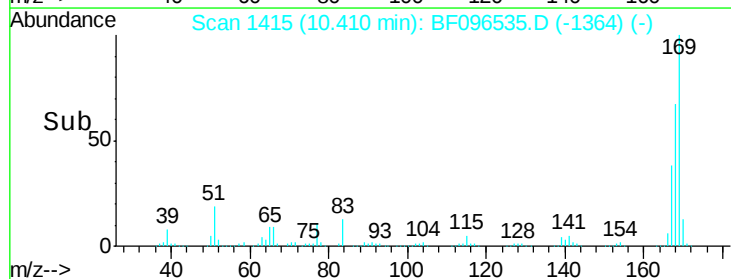
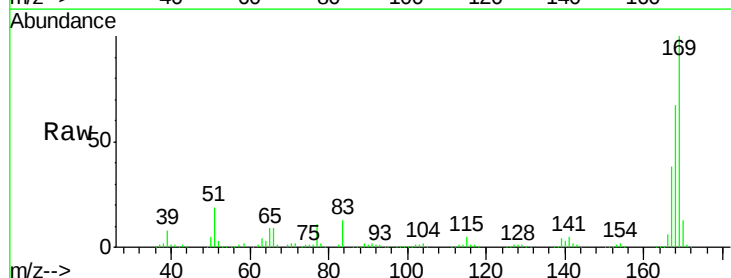
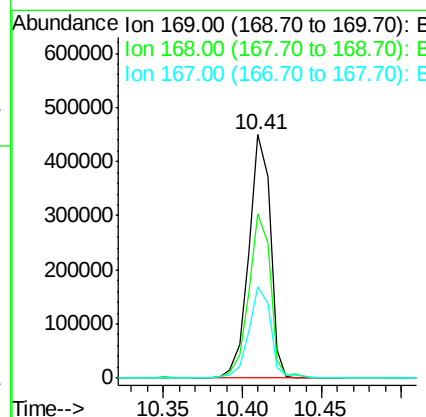
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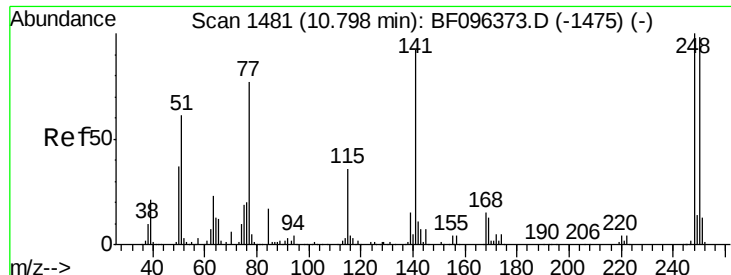
mohammad
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#65
 n-Nitrosodiphenylamine
 Concen: 42.008 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	37.6	29.5	44.3





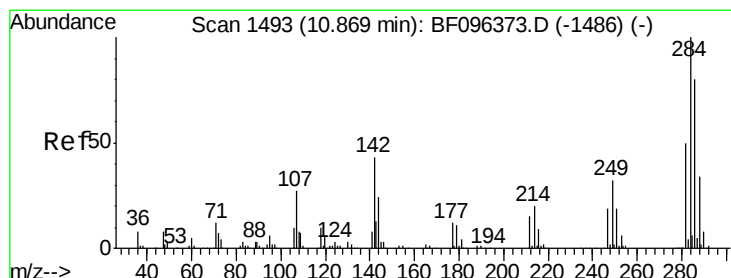
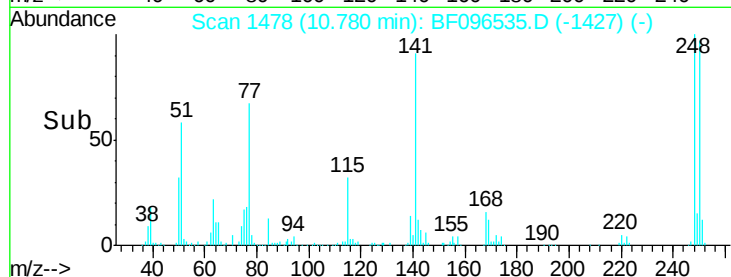
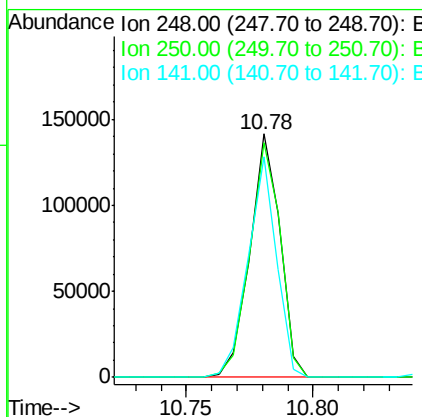
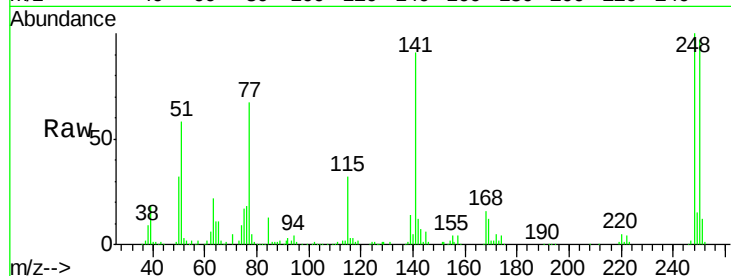
#66
 4-Bromophenyl-phenylether
 Concen: 42.295 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.8	115.2
141	90.6	68.6	103.0

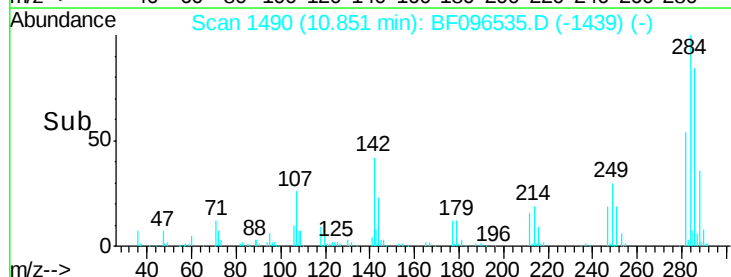
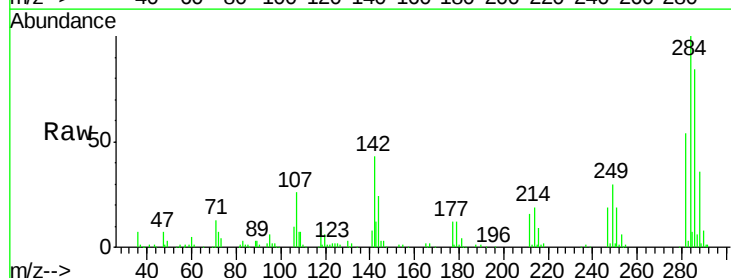
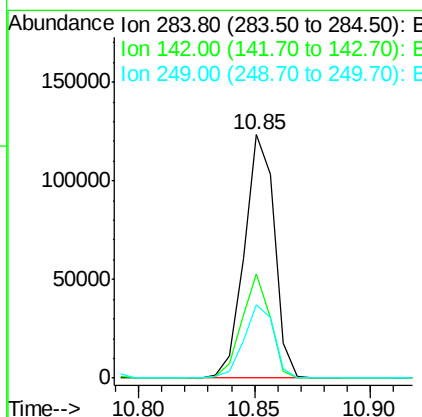
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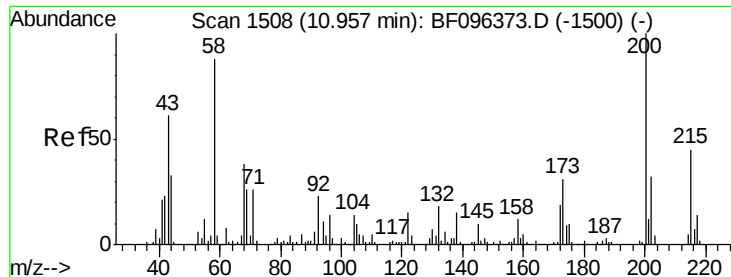
mohammad
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#67
 Hexachlorobenzene
 Concen: 36.953 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.8	22.8	34.2#
249	29.9	24.0	36.0





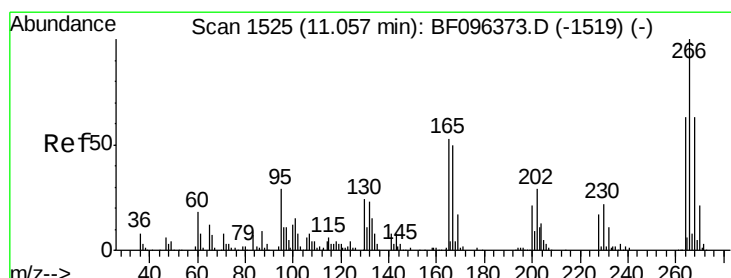
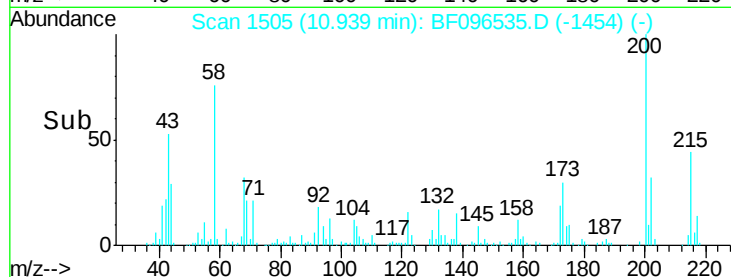
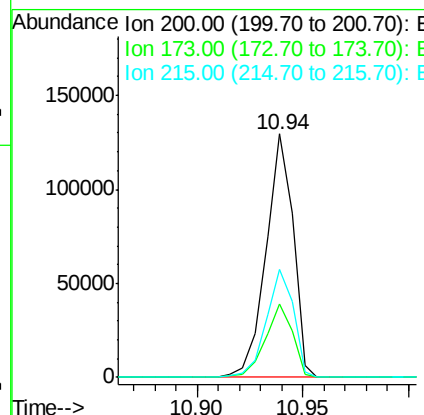
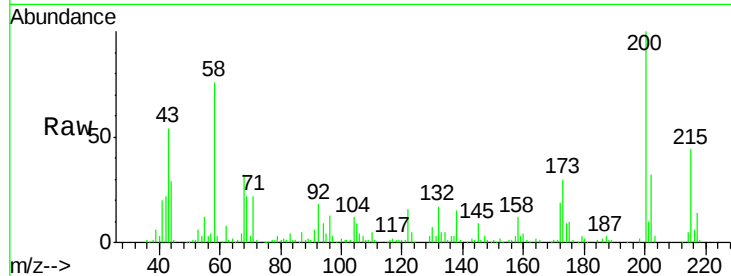
#68
Atrazine
Concen: 40.507 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	115934		
173	29.9	6.3	46.3	
215	44.3	27.2	67.2	

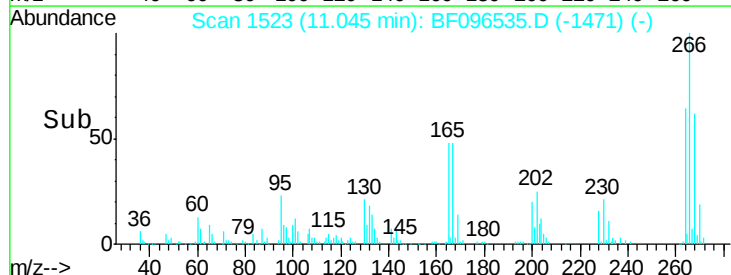
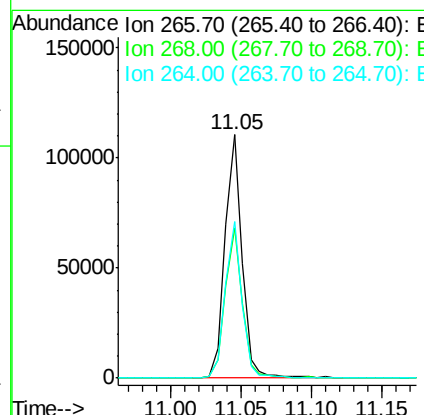
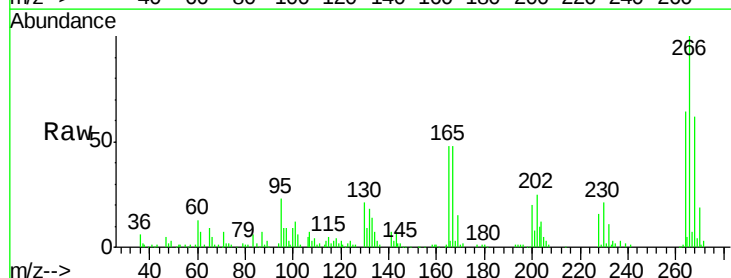
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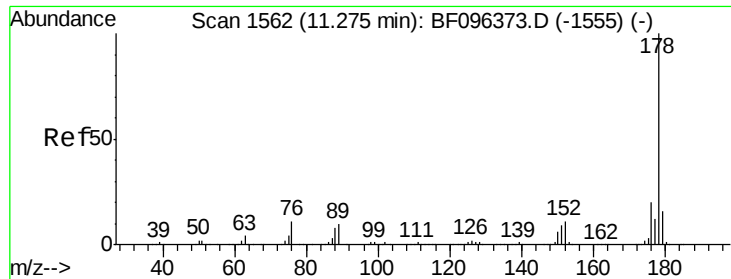
mohammad
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#69
Pentachlorophenol
Concen: 51.920 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	93627		
268	61.9	51.1	76.7	
264	64.1	51.7	77.5	





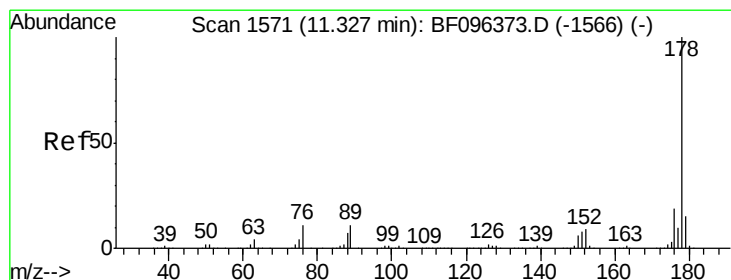
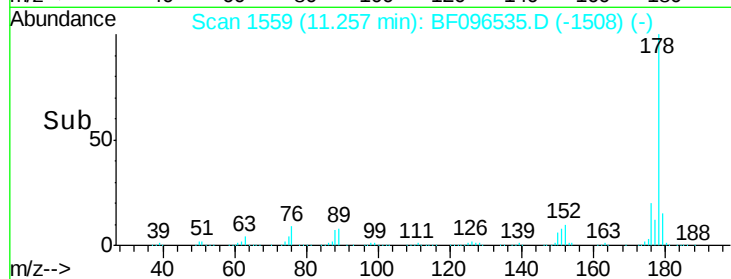
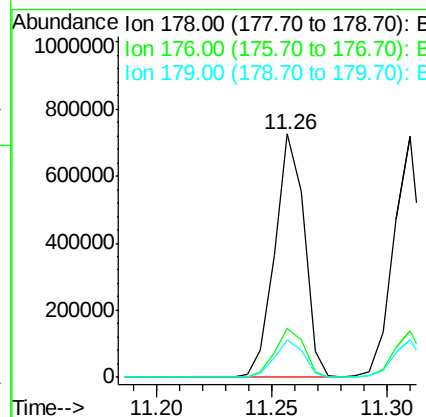
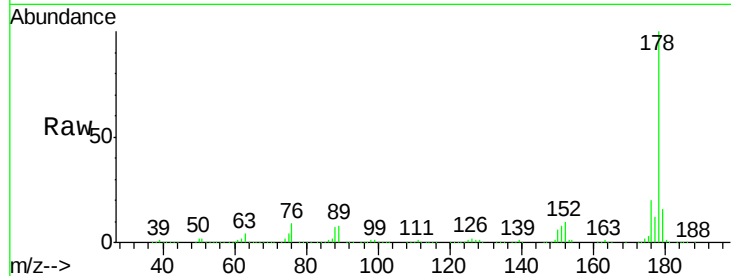
#70
Phenanthrene
Concen: 41.749 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.6	12.6	19.0

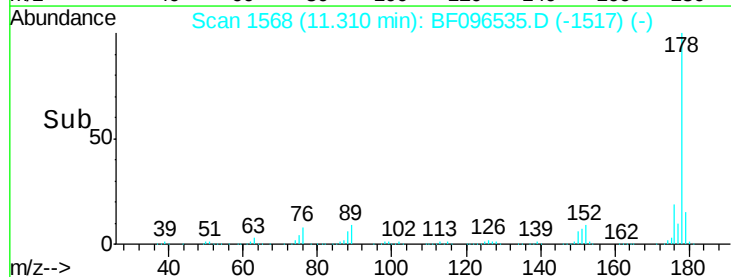
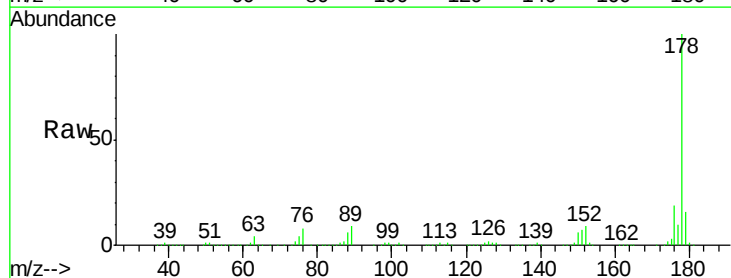
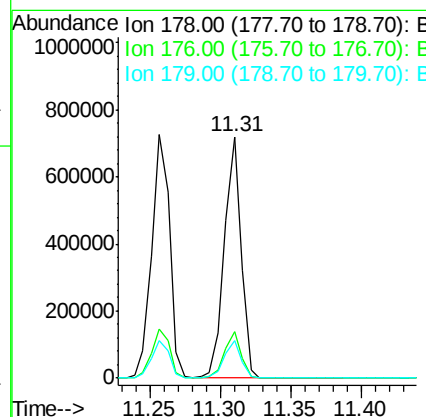
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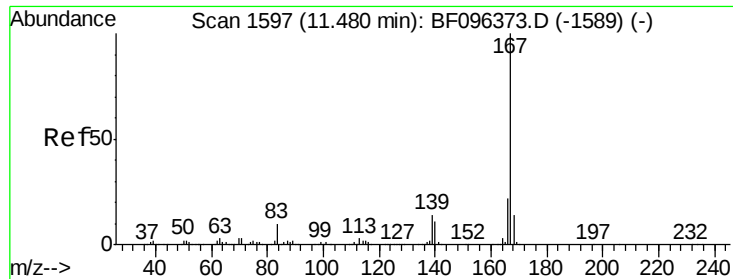
mohammad
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#71
Anthracene
Concen: 38.169 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

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





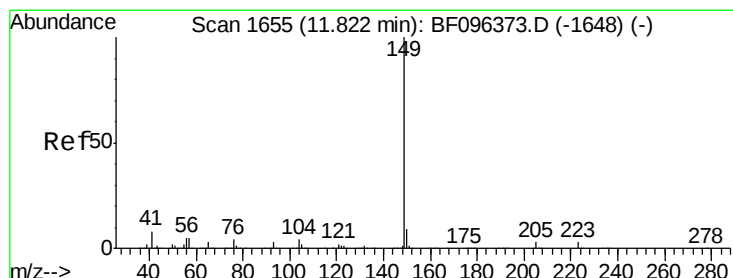
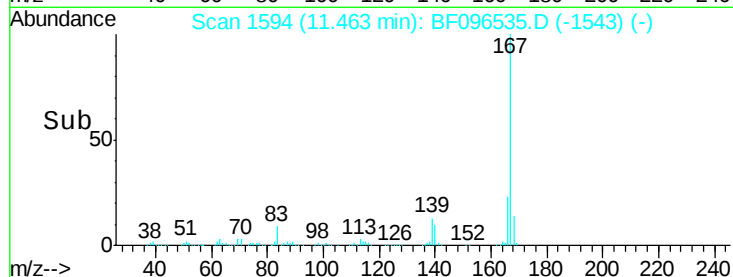
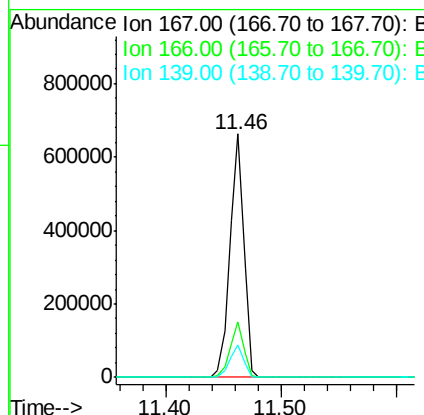
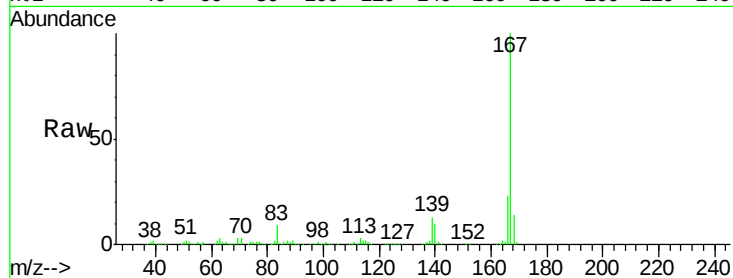
#72
 Carbazole
 Concen: 34.919 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	13.3	11.7	17.5

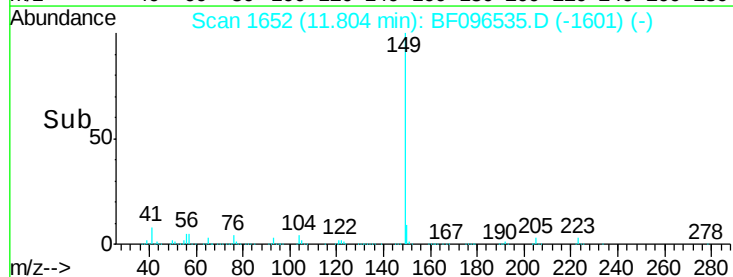
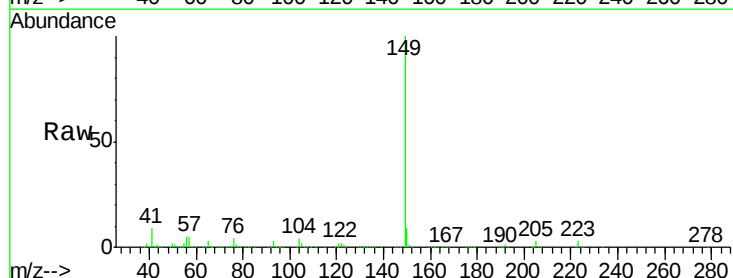
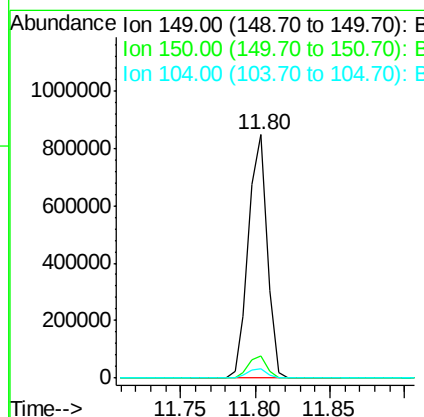
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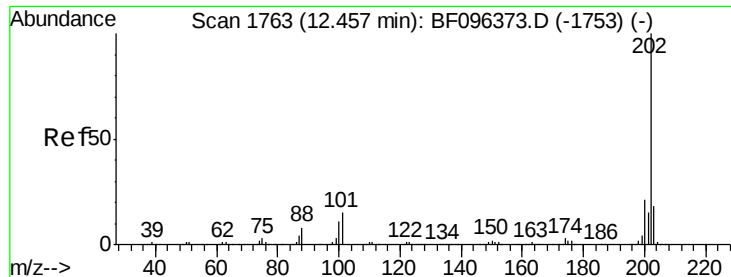
mohammad
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#73
 Di-n-butylphthalate
 Concen: 38.535 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.0	4.0	6.0





#74

Fluoranthene

Concen: 41.203 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

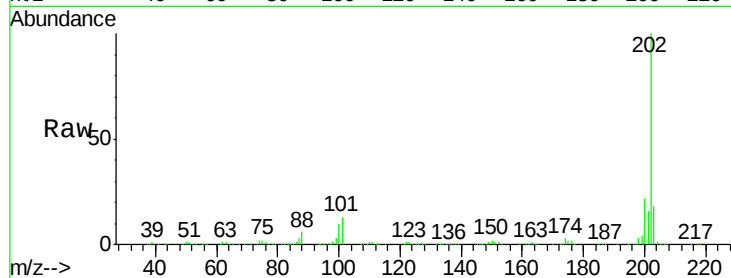
ClientSampleId :

CIY-SB-01-0-50MSD

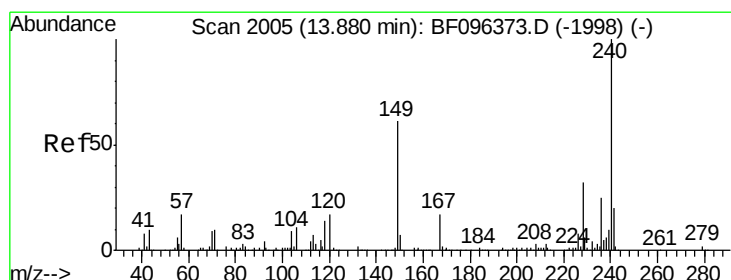
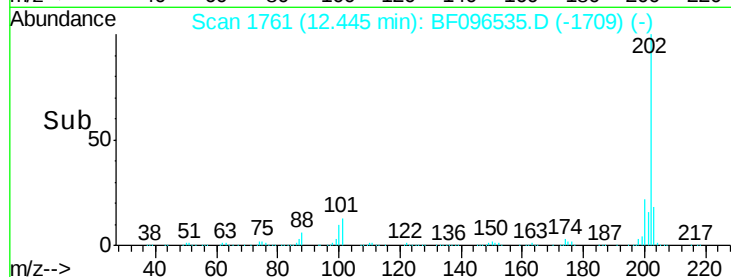
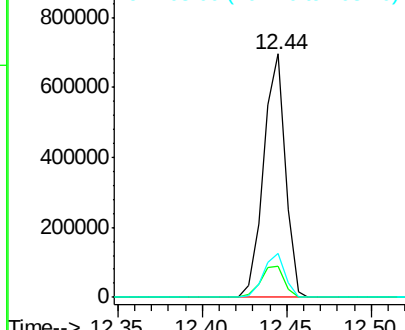
Tgt	Ion	202	Resp:	623524
Ion	Ratio	Lower	Upper	
202	100			
101	12.7	0.0	33.2	
203	18.0	0.0	38.1	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

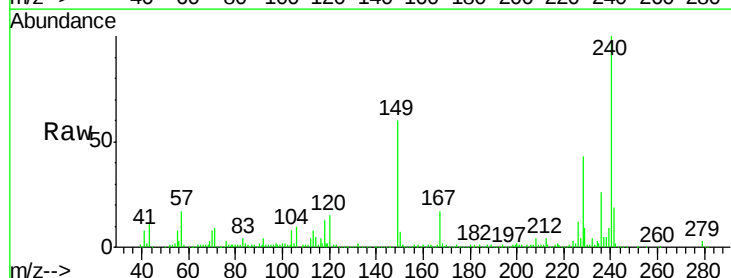
RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

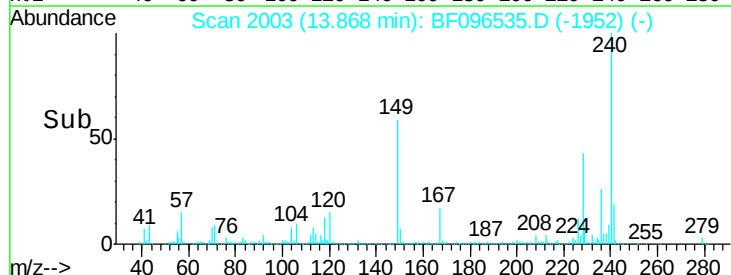
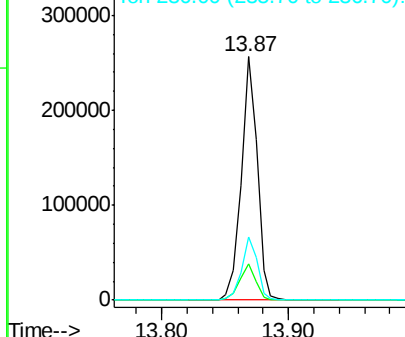
Lab File: BF096535.D

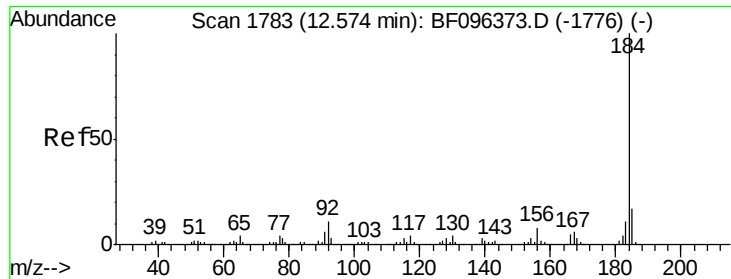
Acq: 6 Jul 2017 16:08

Tgt	Ion	240	Resp:	219665
Ion	Ratio	Lower	Upper	
240	100			
120	14.9	5.8	8.8#	
236	25.8	20.5	30.7	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 35.120 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

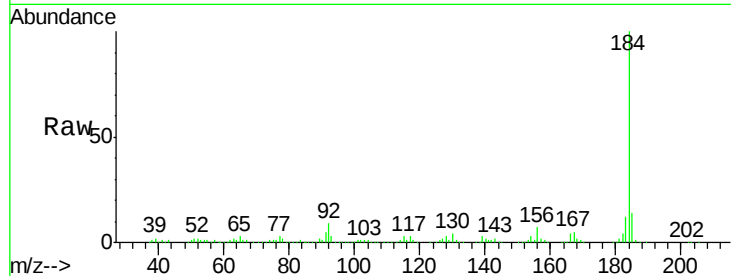
ClientSampleId :

CIY-SB-01-0-50MSD

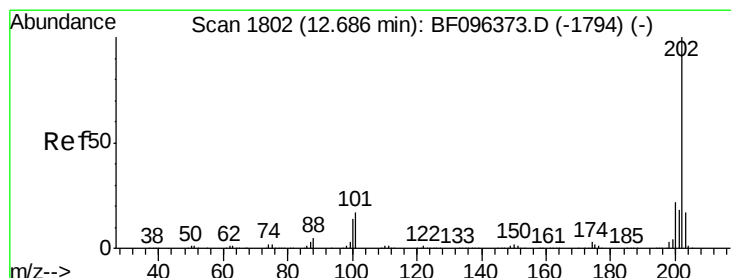
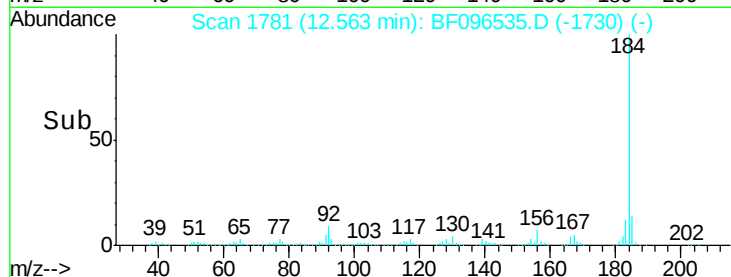
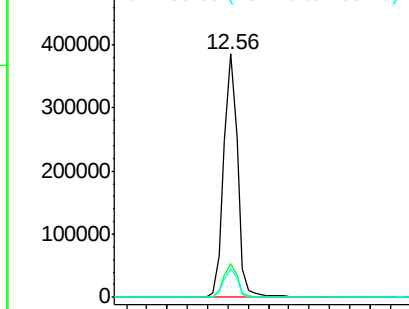
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	15.5	23.3#
183	11.7	9.8	14.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.353 ng

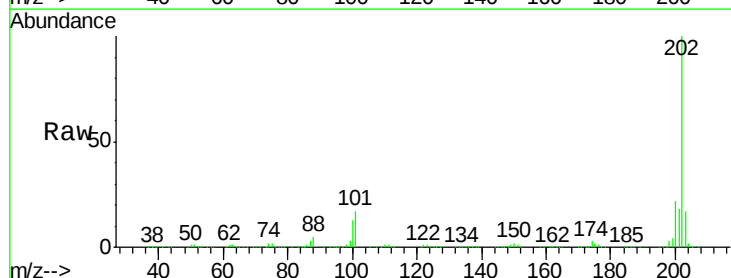
RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

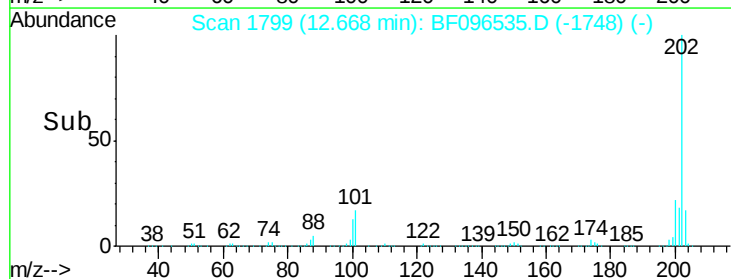
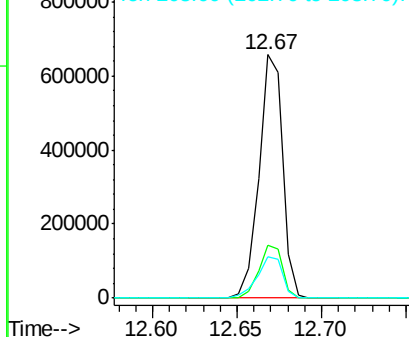
Lab File: BF096535.D

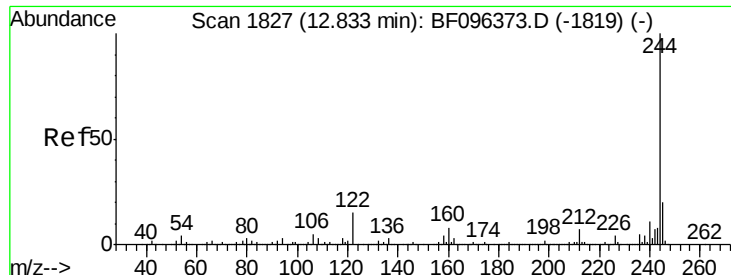
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.0	14.4	21.6



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





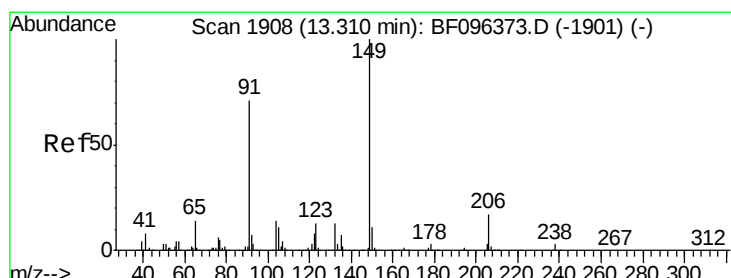
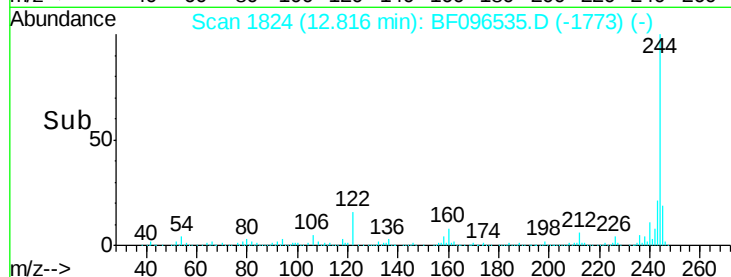
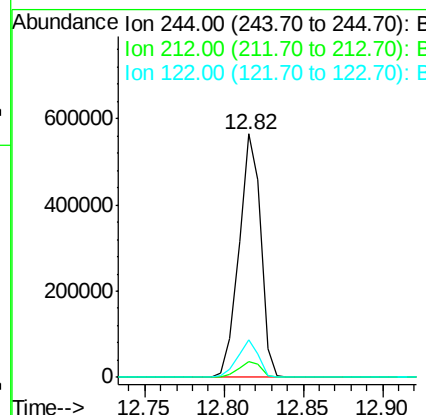
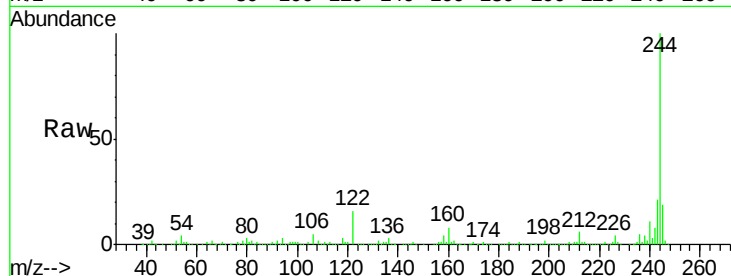
#78
 Terphenyl-d14
 Concen: 52.038 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	15.7	10.3	15.5

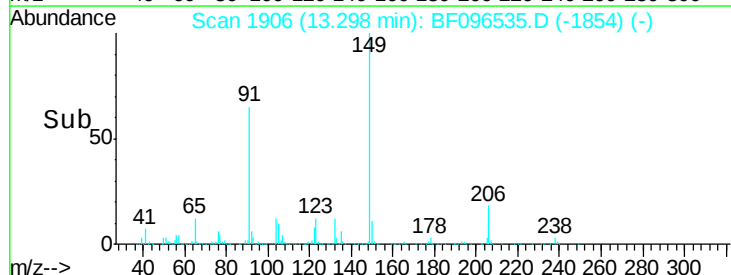
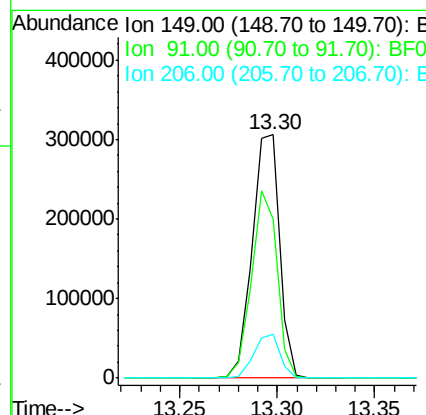
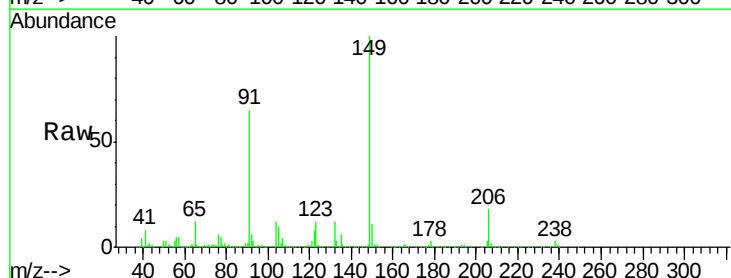
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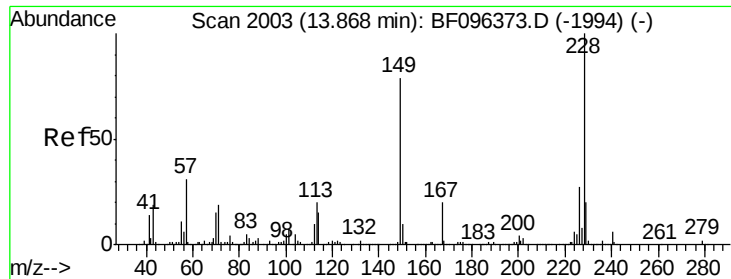
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#79
 Butylbenzylphthalate
 Concen: 33.472 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	45.0	67.4
206	18.3	17.0	25.6





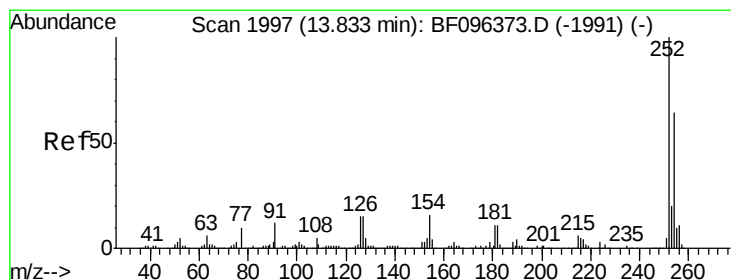
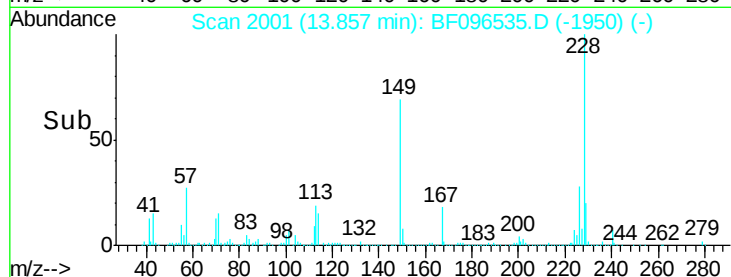
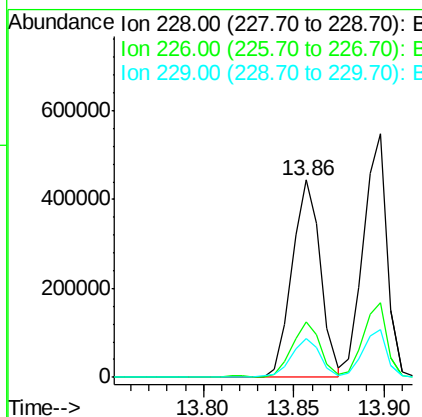
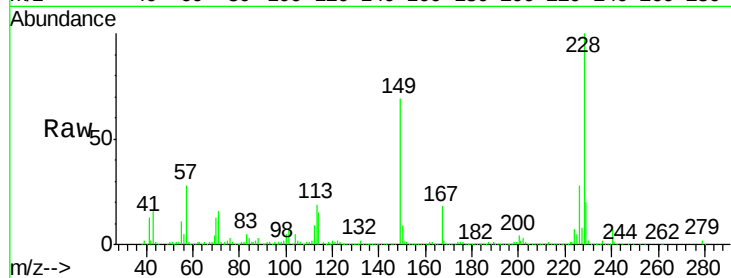
#80
Benzo(a)anthracene
Concen: 38.368 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.9	16.3	24.5

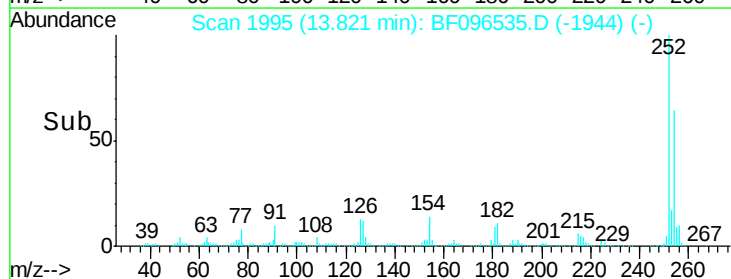
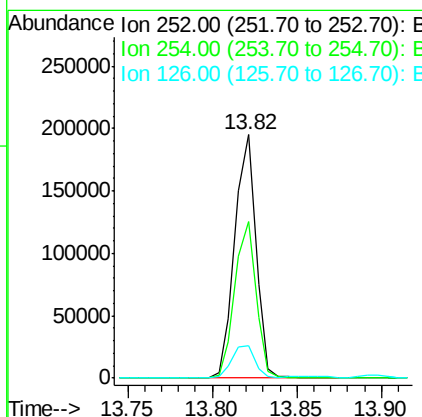
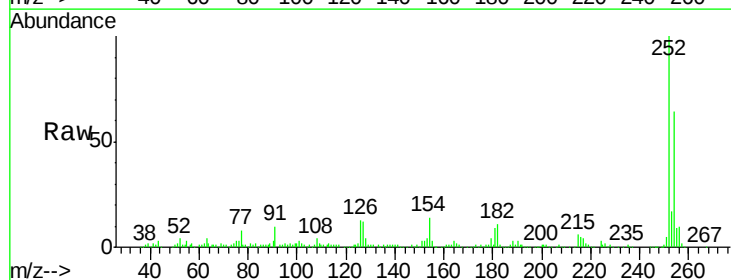
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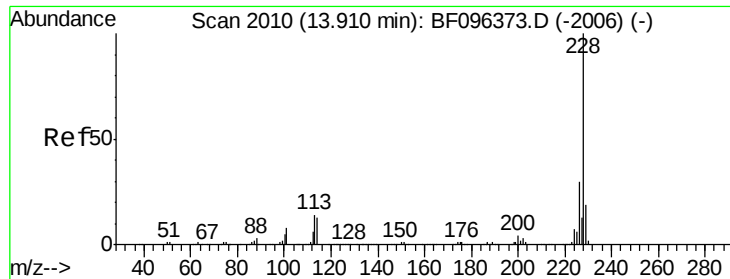
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#81
3,3'-Dichlorobenzidine
Concen: 32.800 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.2	15.8	23.8#





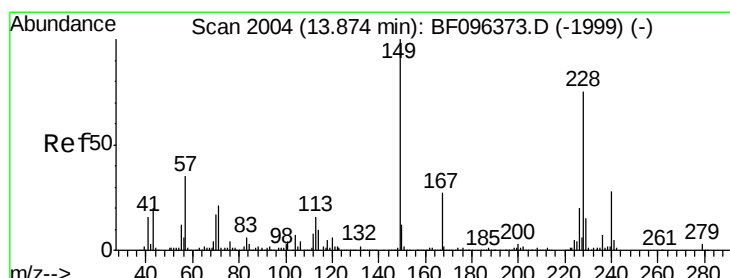
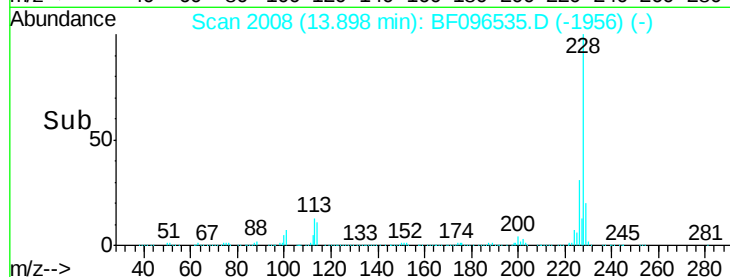
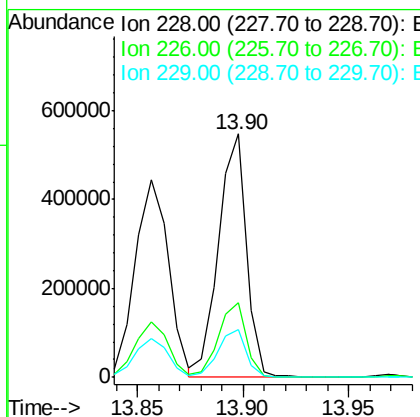
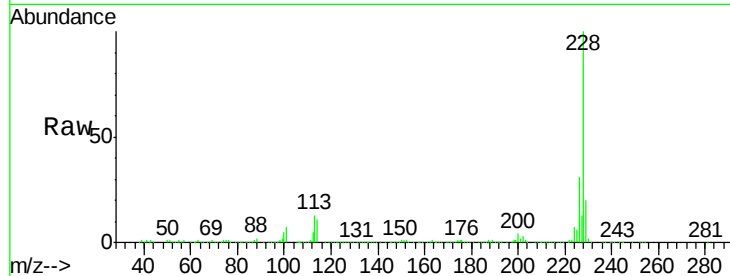
#82
Chrysene
Concen: 37.477 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.7	15.8	23.6

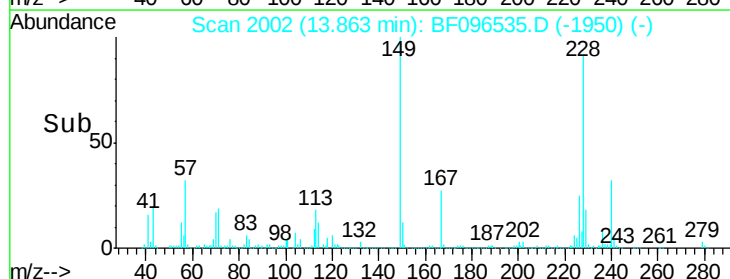
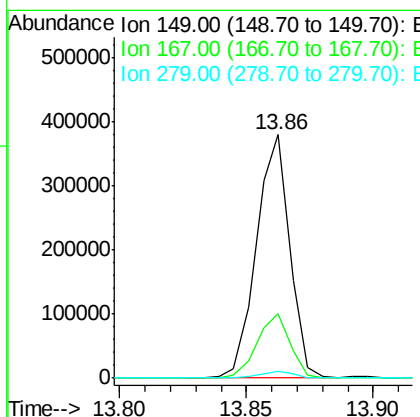
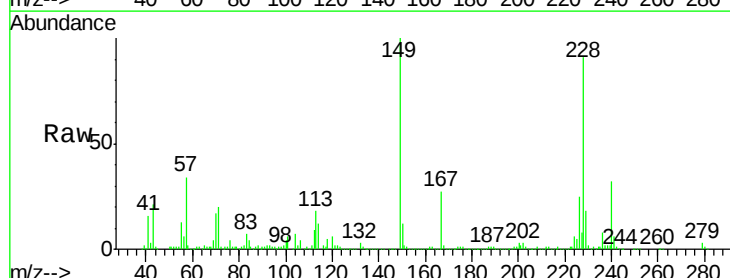
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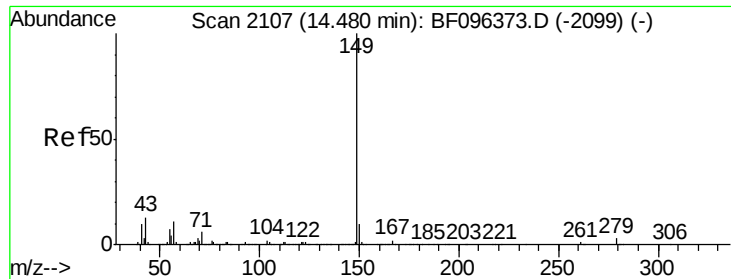
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#83
Bis(2-ethylhexyl)phthalate
Concen: 34.783 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	2.9	1.9	2.9





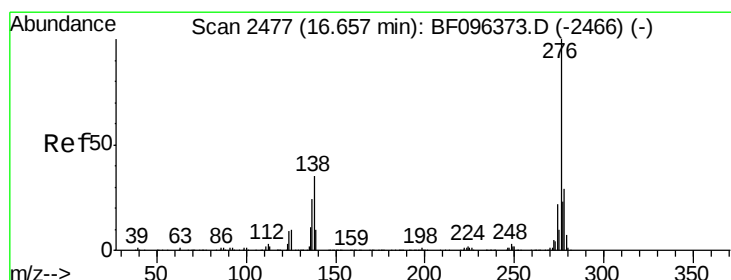
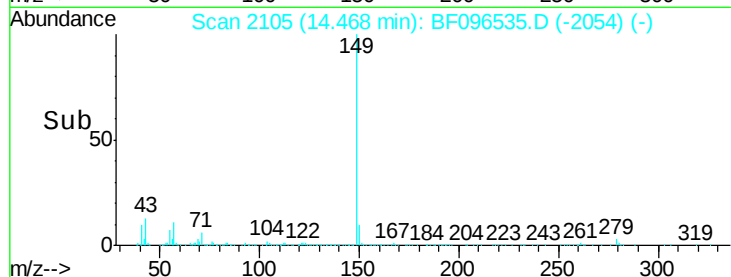
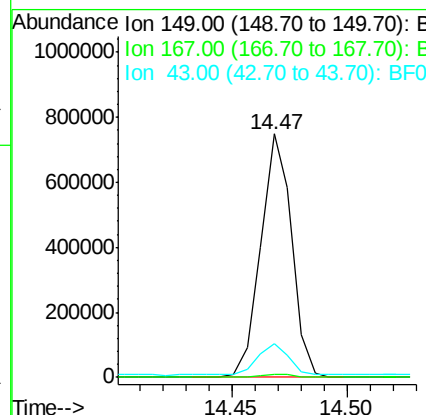
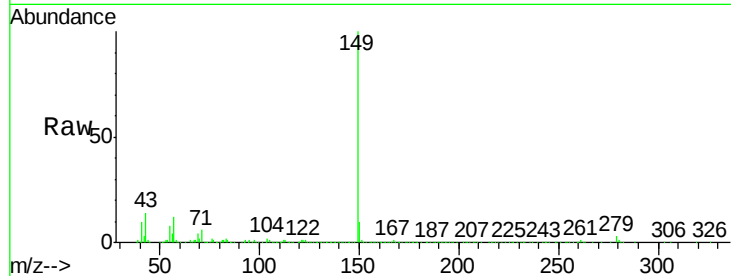
#84
Di-n-octyl phthalate
Concen: 35.512 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	13.4	8.5	12.7

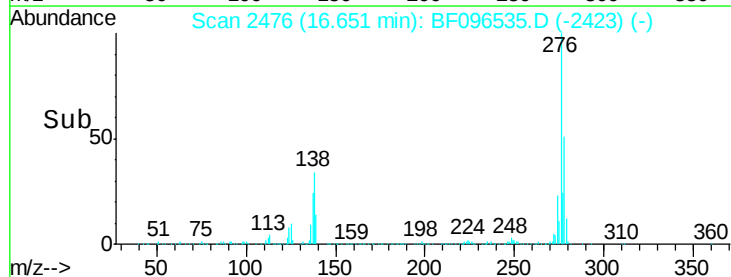
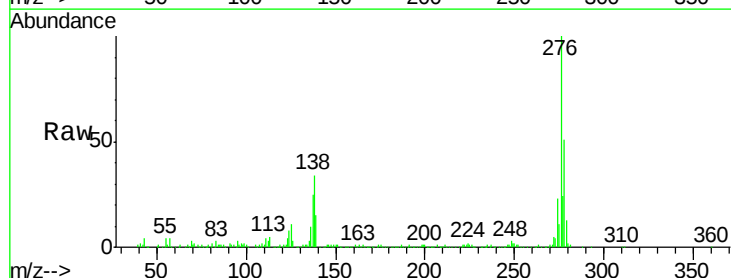
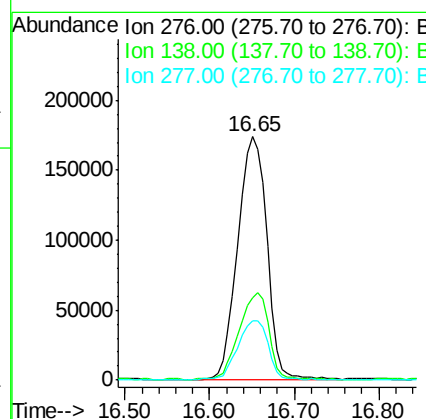
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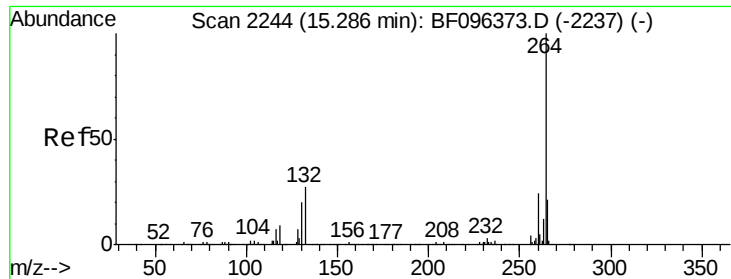
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#85
Indeno(1,2,3-cd)pyrene
Concen: 39.681 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	36.2	27.8	41.6
277	25.6	20.2	30.4





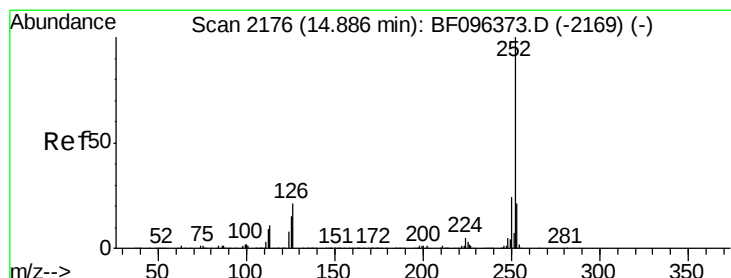
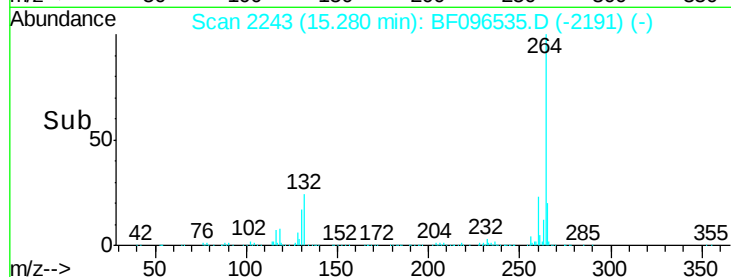
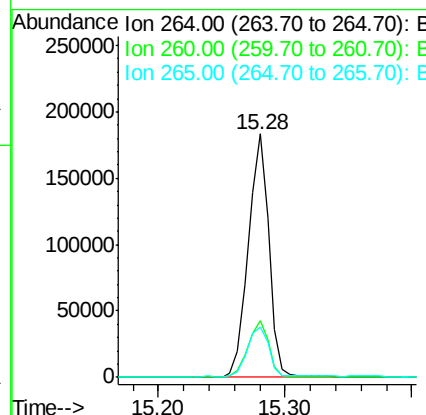
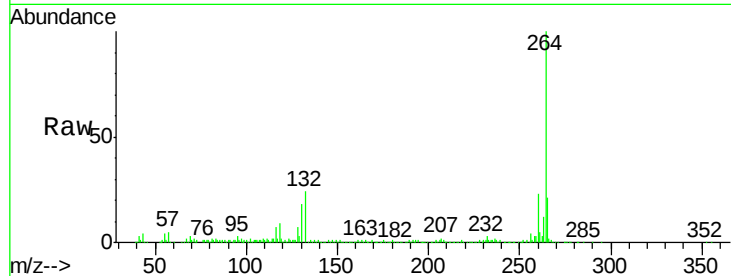
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.6	17.2	25.8

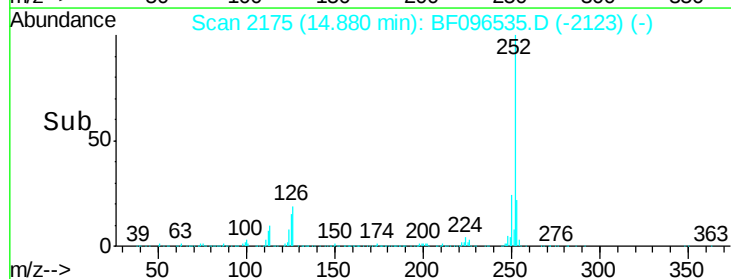
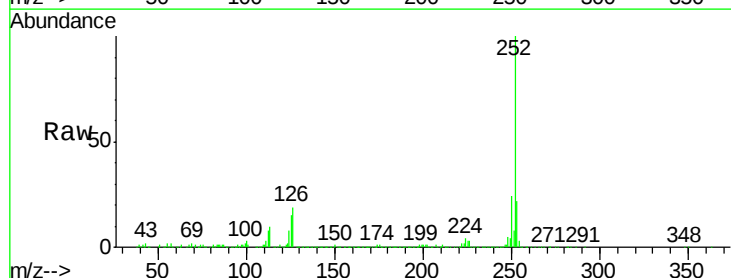
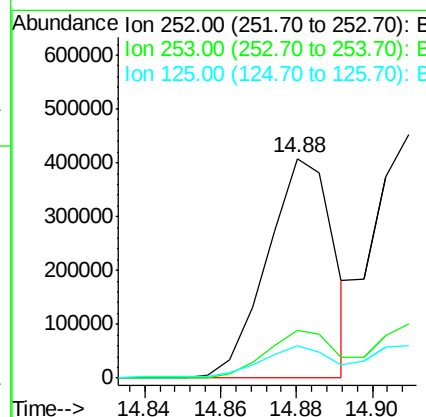
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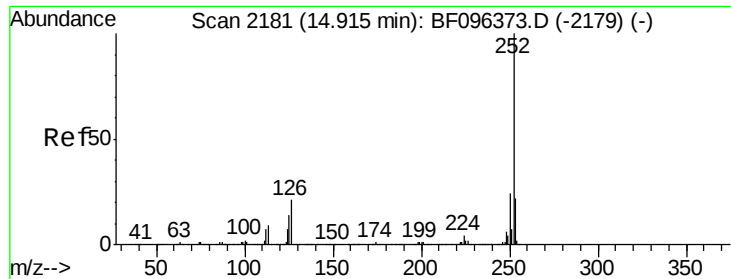
mohammad
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#87
Benzo(b)fluoranthene
Concen: 38.492 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	15.1	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 39.812 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

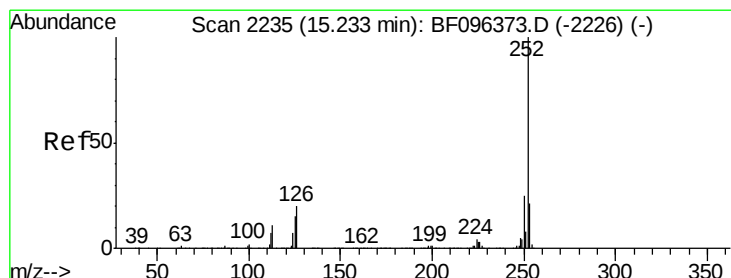
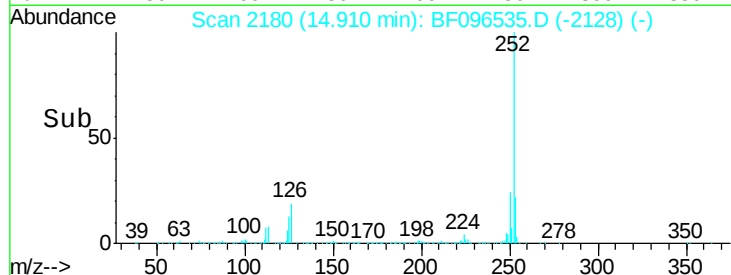
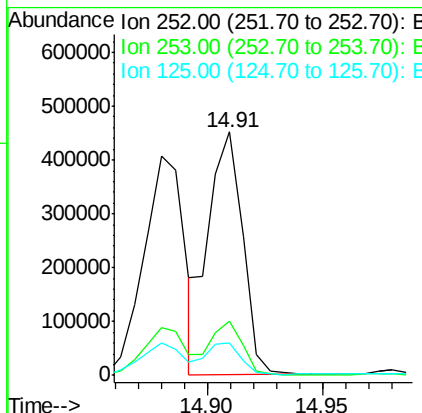
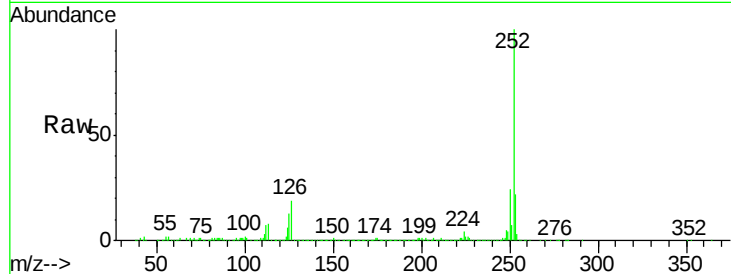
ClientSampleId :

CIY-SB-01-0-50MSD

Tgt Ion:	252	Resp:	461944
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	13.4	13.1	19.7

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#89

Benzo(a)pyrene

Concen: 41.078 ng

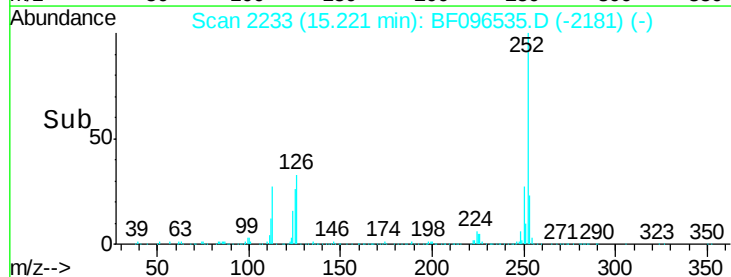
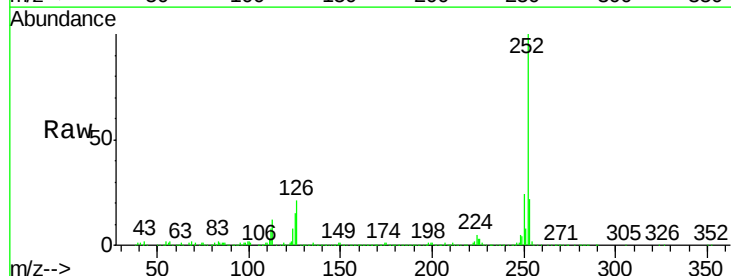
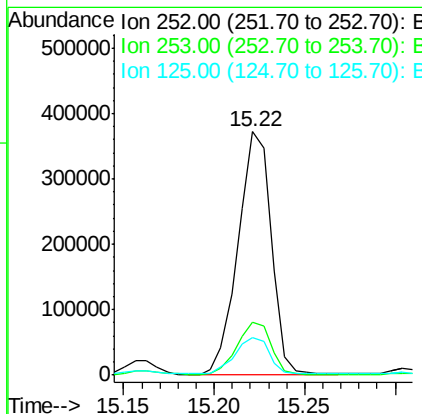
RT: 15.22 min Scan# 2233

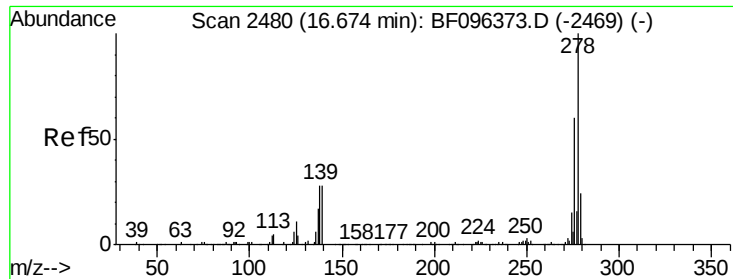
Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:	252	Resp:	475713
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	15.2	11.0	16.4





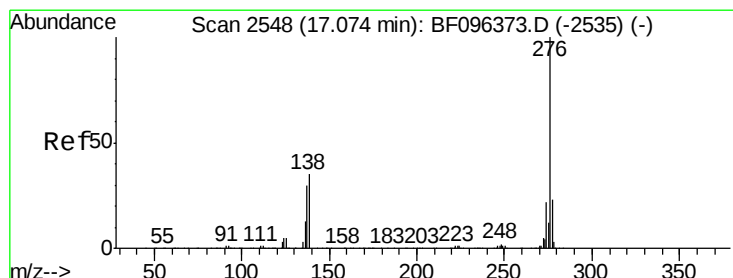
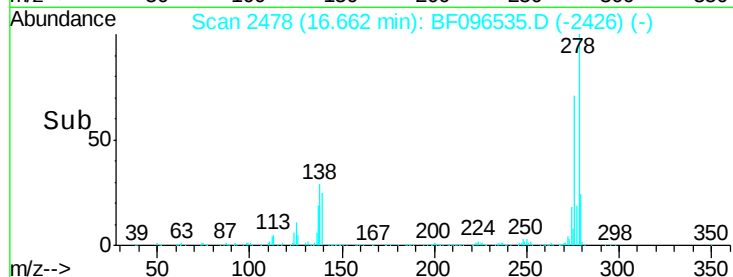
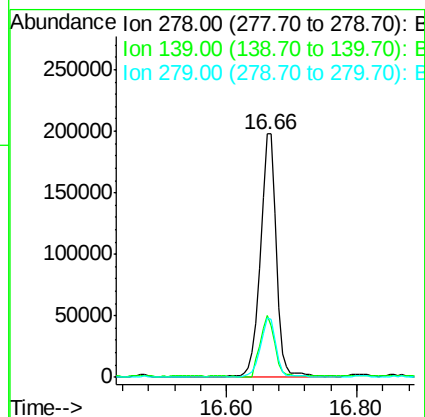
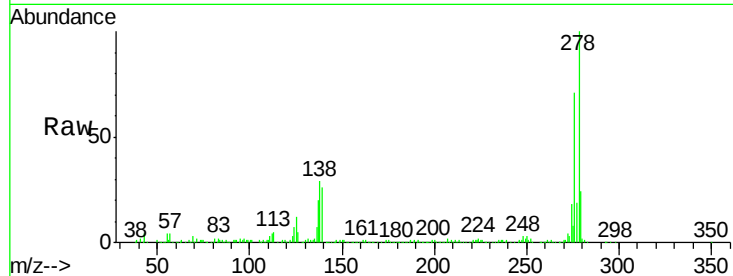
#90
Dibenzo(a,h)anthracene
Concen: 37.147 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.5	16.6	24.8#
279	24.2	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 33.559 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	29.6	25.4	38.0

