

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096432.D
 Acq On : 3 Jul 2017 11:05
 Operator : SJ/MA
 Sample : PB100328BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Manual Integrations
 APPROVED

mohammad
 7/5/2017 11:41:01 AM

Quant Time: Jul 03 16:26:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131851	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	567978	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	250345	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	429153	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	242200	20.00	ng	-0.01
86) Perylene-d12	15.27	264	212648	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1002362	112.21	ng	0.00
7) Phenol-d6	6.37	99	1288218	117.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	778473	82.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	248979	127.32	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1316050	89.88	ng	-0.01
78) Terphenyl-d14	12.83	244	1008520	88.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	128672	30.377	ng	# 75
3) Pyridine	3.20	79	363184	31.249	ng	# 63
4) n-Nitrosodimethylamine	3.12	42	217952	37.993	ng	# 81
6) Aniline	6.39	93	386153	27.205	ng	# 1
8) 2-Chlorophenol	6.52	128	405827	42.601	ng	98
9) Benzaldehyde	6.27	77	130394	18.972	ng	99
10) Phenol	6.39	94	486711	38.902	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	406383	42.030	ng	93
12) 1,3-Dichlorobenzene	6.67	146	426216	42.671	ng	99
13) 1,4-Dichlorobenzene	6.75	146	428602	42.931	ng	97
14) 1,2-Dichlorobenzene	6.90	146	394064	42.989	ng	97
15) Benzyl Alcohol	6.87	79	330608	45.035	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	838424	42.655	ng	92
17) 2-Methylphenol	6.99	107	325975	42.937	ng	99
18) Hexachloroethane	7.24	117	156723	43.300	ng	# 81
19) n-Nitroso-di-n-propylamine	7.15	70	264684	40.456	ng	# 85
20) 3+4-Methylphenols	7.14	107	384182	45.369	ng	94
22) Acetophenone	7.13	105	520955	41.977	ng	# 95
24) Nitrobenzene	7.30	77	414248	41.777	ng	94
25) Isophorone	7.55	82	677288	36.957	ng	96
26) 2-Nitrophenol	7.62	139	227342	43.317	ng	# 88
27) 2,4-Dimethylphenol	7.67	122	374392	41.895	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	518706	42.876	ng	99
29) 2,4-Dichlorophenol	7.87	162	340016	44.099	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	320071	44.007	ng	98
31) Naphthalene	8.03	128	1152490	42.981	ng	100
32) Benzoic acid	7.81	122	234929	31.302	ng	95
33) 4-Chloroaniline	8.07	127	248403	22.303	ng	97
34) Hexachlorobutadiene	8.15	225	162476	43.554	ng	97
35) Caprolactam	8.46	113	122066m	45.911	ng	
36) 4-Chloro-3-methylphenol	8.57	107	355694	41.692	ng	89
37) 2-Methylnaphthalene	8.72	142	781115	45.764	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	250713	38.570	ng	98
40) Hexachlorocyclopentadiene	8.88	237	301534	95.403	ng	98

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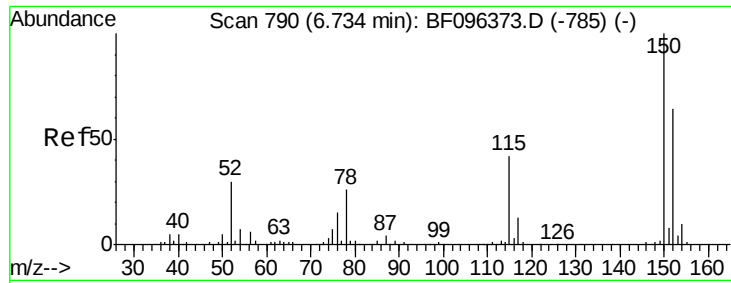
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	212140	41.255	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	225426	44.337	ng	95
45) 1,1'-Biphenyl	9.19	154	860438	40.114	ng	98
46) 2-Chloronaphthalene	9.21	162	632127	39.544	ng	95
47) 2-Nitroaniline	9.30	65	248993	42.808	ng	95
48) Acenaphthylene	9.62	152	1058404	41.785	ng	99
49) Dimethylphthalate	9.49	163	809611	43.321	ng	99
50) 2,6-Dinitrotoluene	9.55	165	186409	45.106	ng	# 88
51) Acenaphthene	9.79	154	605303	38.769	ng	99
52) 3-Nitroaniline	9.71	138	156315	30.326	ng	92
53) 2,4-Dinitrophenol	9.82	184	134625	61.332	ng	# 69
54) Dibenzofuran	9.97	168	945239	45.855	ng	99
55) 4-Nitrophenol	9.89	139	331380	77.564	ng	# 69
56) 2,4-Dinitrotoluene	9.95	165	245048	46.823	ng	# 90
57) Fluorene	10.31	166	665608	45.719	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	168824	47.993	ng	99
59) Diethylphthalate	10.19	149	798528	45.205	ng	100
60) 4-Chlorophenyl-phenylether	10.30	204	279853	44.180	ng	97
61) 4-Nitroaniline	10.33	138	189955	40.529	ng	91
62) Azobenzene	10.46	77	758372	44.400	ng	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	105434	35.623	ng	92
65) n-Nitrosodiphenylamine	10.42	169	638979	42.436	ng	98
66) 4-Bromophenyl-phenylether	10.79	248	183742	43.982	ng	93
67) Hexachlorobenzene	10.86	284	195768	42.808	ng	# 87
68) Atrazine	10.95	200	182306	42.379	ng	94
69) Pentachlorophenol	11.05	266	185078	68.284	ng	100
70) Phenanthrene	11.27	178	1025300	44.196	ng	99
71) Anthracene	11.32	178	1047427	44.306	ng	99
72) Carbazole	11.47	167	972730	40.914	ng	98
73) Di-n-butylphthalate	11.81	149	1220766	42.393	ng	99
74) Fluoranthene	12.45	202	987031	43.395	ng	99
76) Benzidine	12.57	184	64305	5.533	ng	# 58
77) Pyrene	12.67	202	1016035	52.263	ng	99
79) Butylbenzylphthalate	13.30	149	499373	50.743	ng	# 79
80) Benzo(a)anthracene	13.86	228	646646	46.105	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	182959	31.760	ng	# 95
82) Chrysene	13.90	228	650357	44.280	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	574648	52.312	ng	99
84) Di-n-octyl phthalate	14.47	149	991007	45.811	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.64	276	619570	53.441	ng	96
87) Benzo(b)fluoranthene	14.88	252	565705	42.456	ng	99
88) Benzo(k)fluoranthene	14.91	252	522836m	43.866	ng	
89) Benzo(a)pyrene	15.22	252	529326	44.496	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	497794	53.191	ng	96
91) Benzo(g,h,i)perylene	17.06	276	545139	56.214	ng	99

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



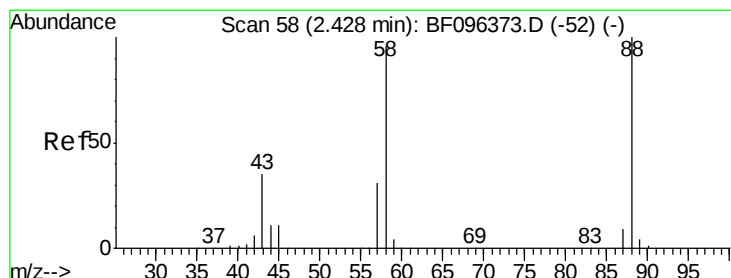
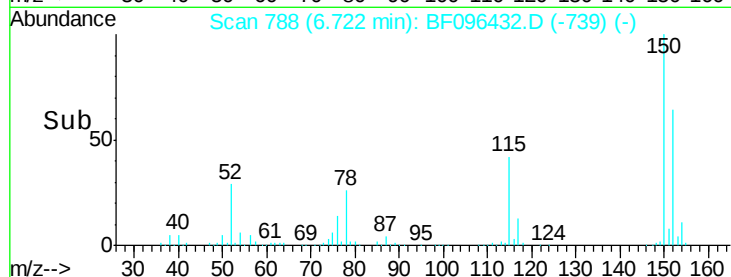
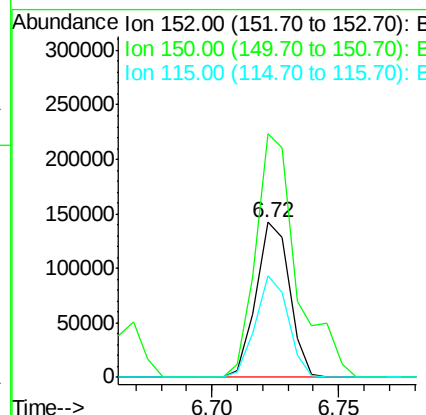
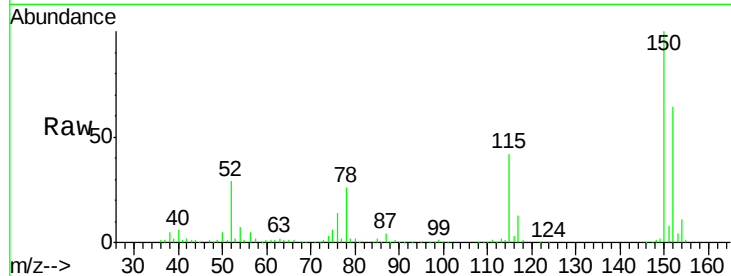
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	65.8	52.2	78.2

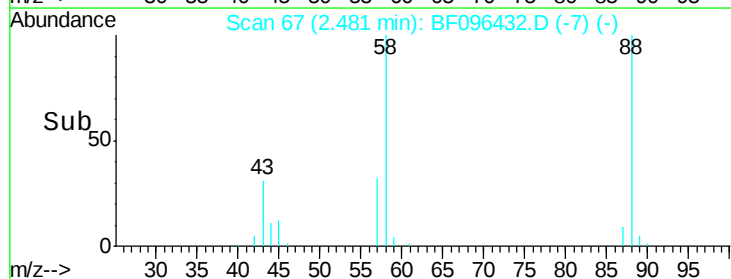
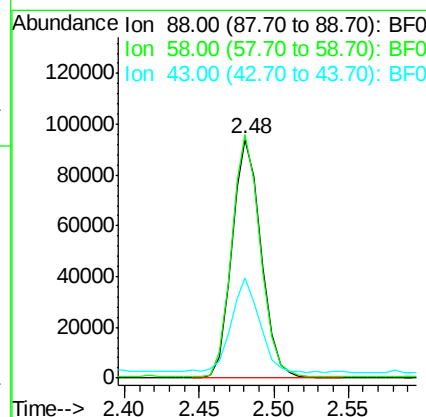
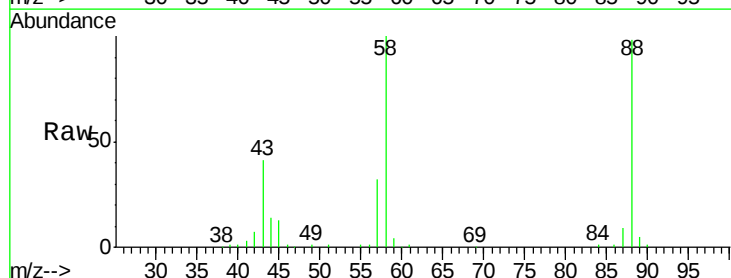
Manual Integrations
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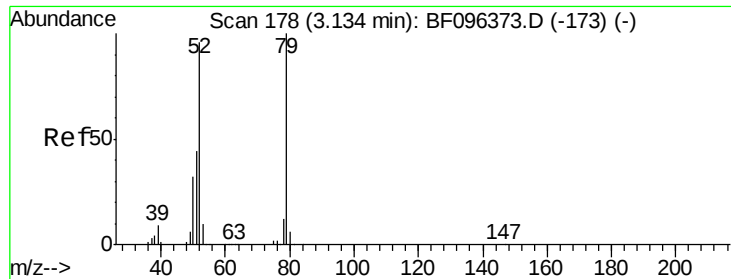
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#2
 1,4-Dioxane
 Concen: 30.377 ng
 RT: 2.48 min Scan# 67
 Delta R.T. 0.05 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.6	61.4	92.0#
43	39.9	23.4	35.0#





#3

Pyridine

Concen: 31.249 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.06 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

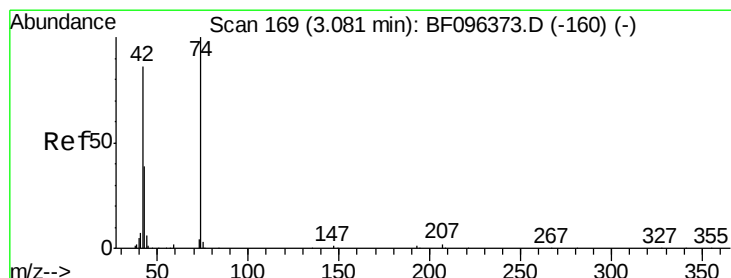
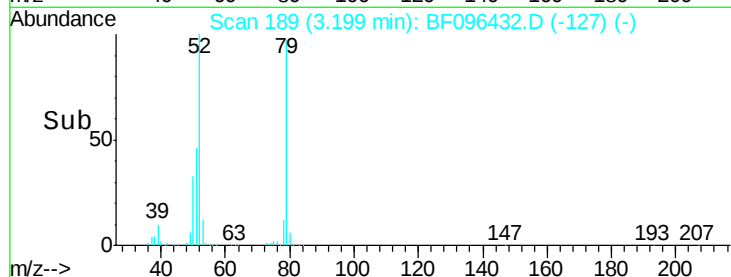
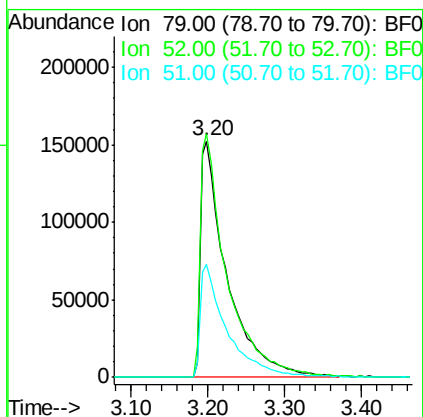
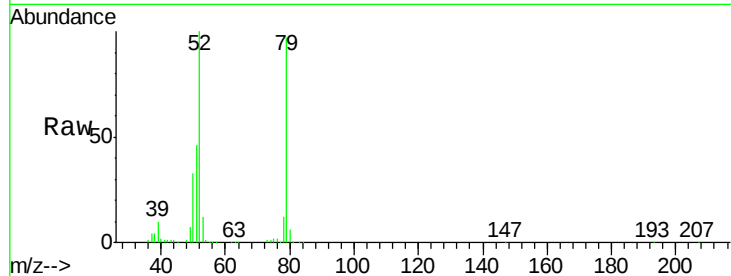
ClientSampleId :

PB100328BS

Tgt Ion:	79	Resp:	363184
Ion Ratio	Lower	Upper	
79	100		
52	103.0	54.8	82.2#
51	47.7	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 37.993 ng

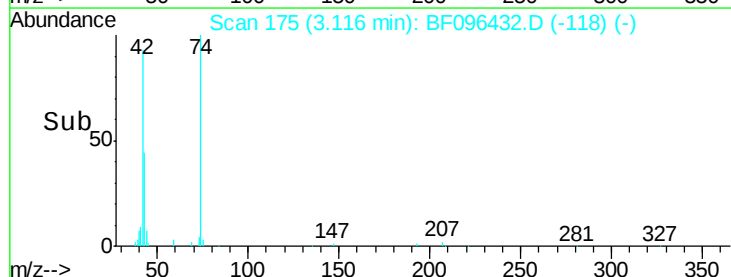
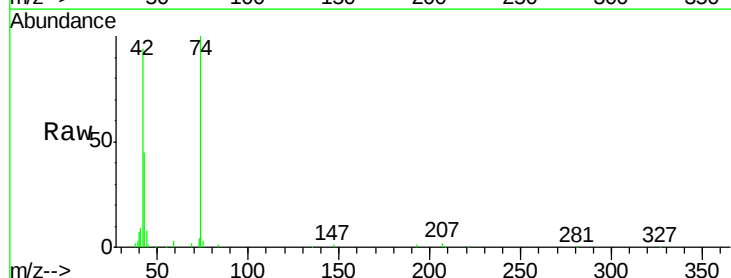
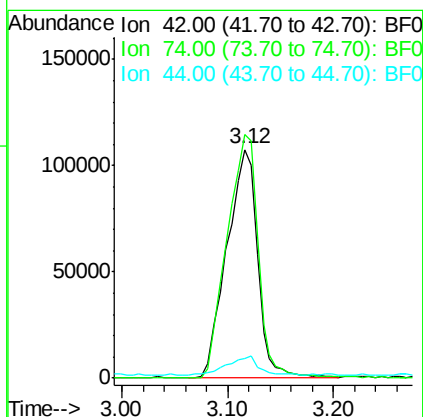
RT: 3.12 min Scan# 175

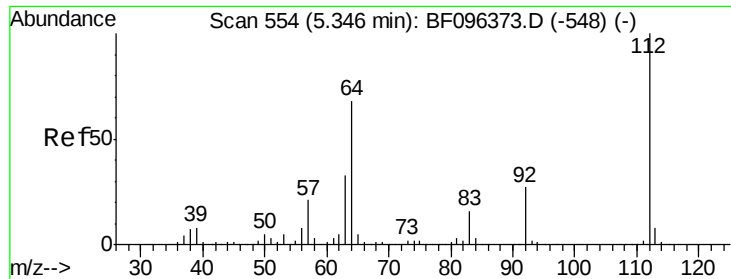
Delta R.T. 0.04 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:	42	Resp:	217952
Ion Ratio	Lower	Upper	
42	100		
74	106.6	103.9	155.9
44	8.5	5.7	8.5





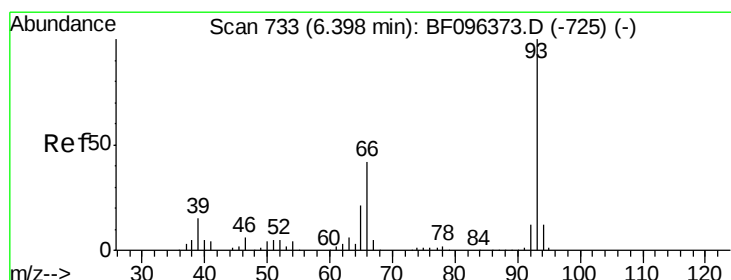
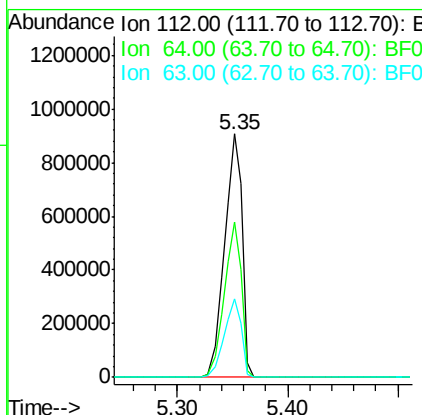
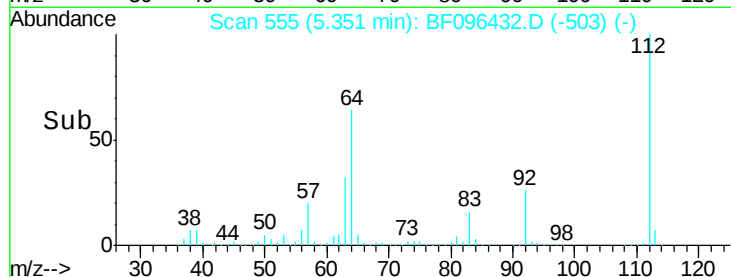
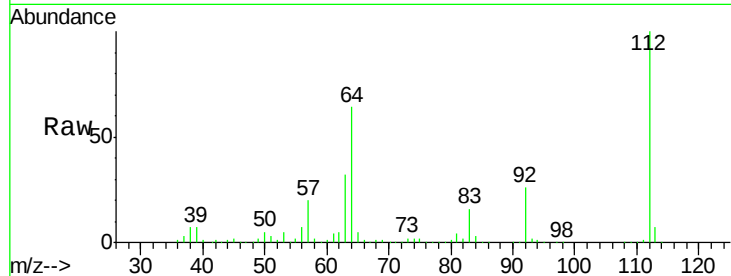
#5
2-Fluorophenol
Concen: 112.207 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion: 112 Resp: 1002362
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.0 23.4 35.0

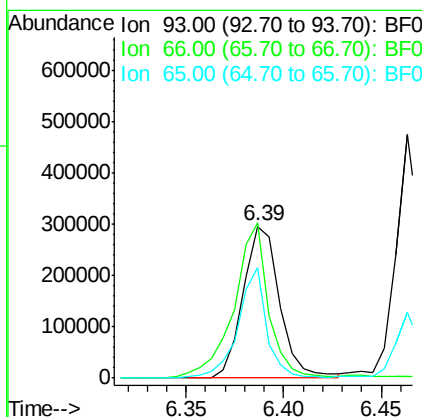
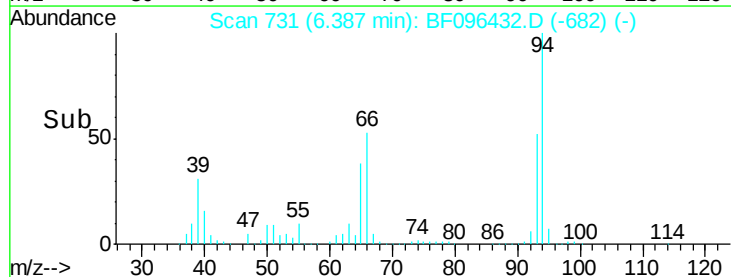
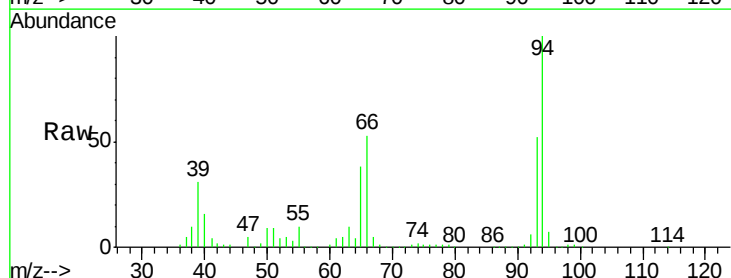
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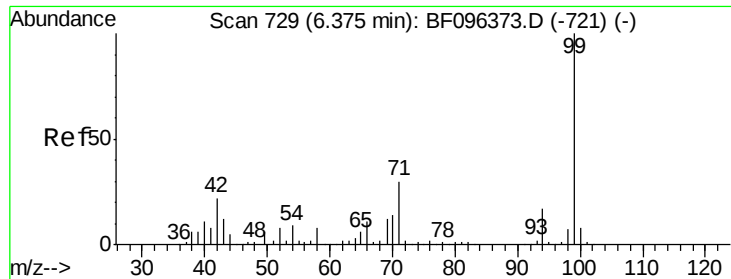
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#6
Aniline
Concen: 27.205 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion: 93 Resp: 386153
Ion Ratio Lower Upper
93 100
66 102.2 32.9 49.3#
65 72.8 16.0 24.0#





#7

Phenol-d6

Concen: 117.301 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

PB100328BS

Tgt Ion: 99 Resp: 1288218

Ion Ratio Lower Upper

99 100

42 20.8 13.5 20.3#

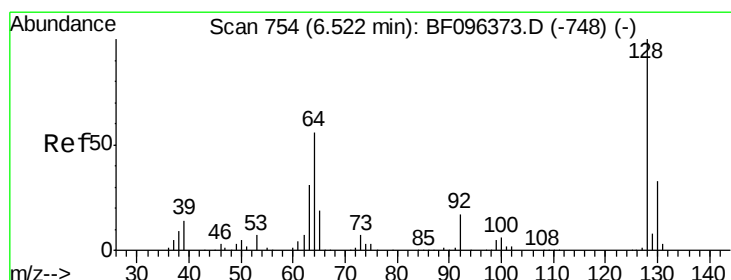
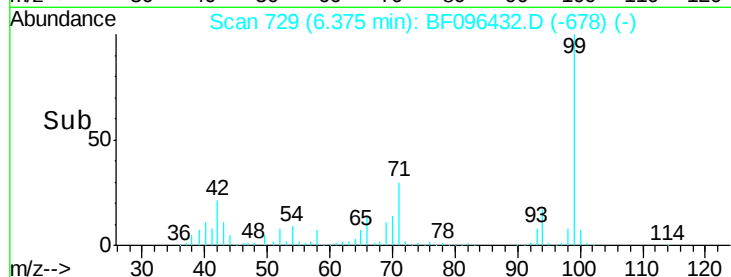
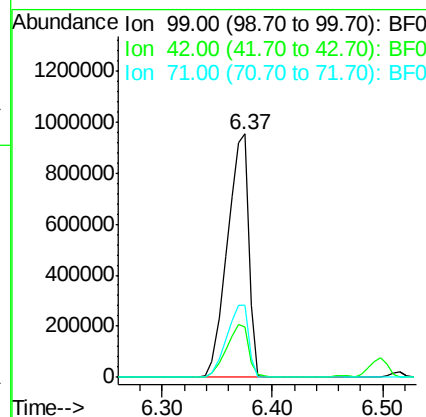
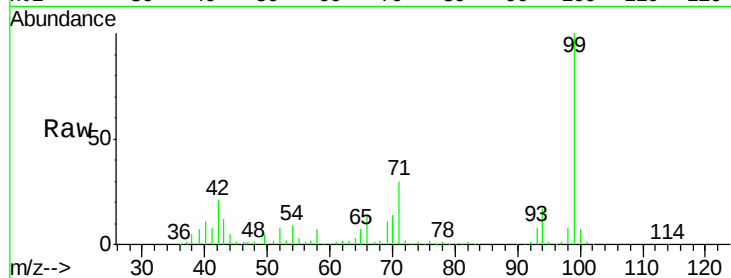
71 29.7 24.5 36.7

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#8

2-Chlorophenol

Concen: 42.601 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

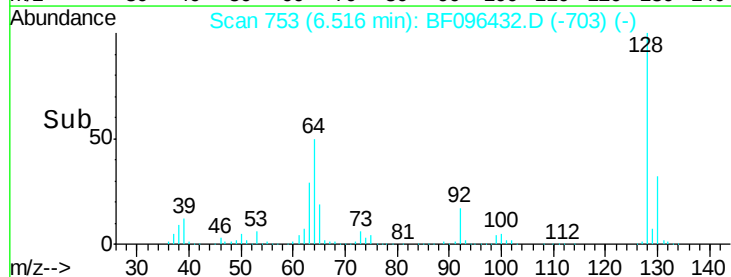
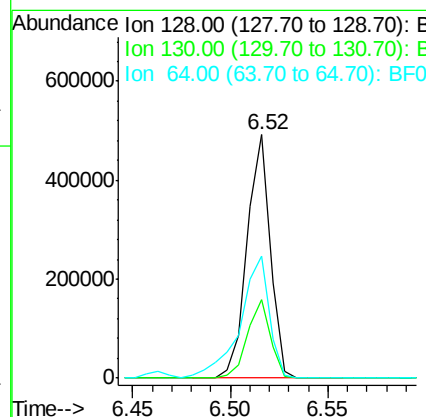
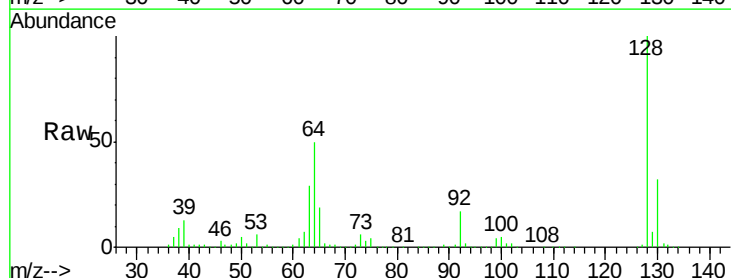
Tgt Ion: 128 Resp: 405827

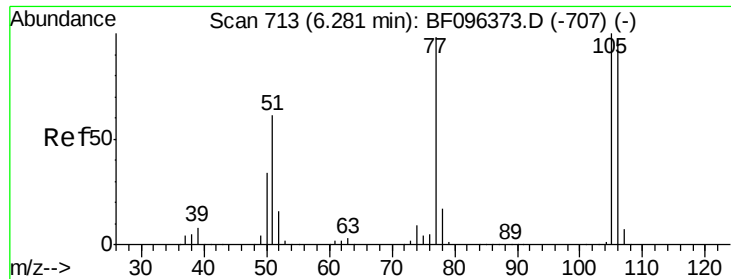
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 50.1 28.4 68.4





#9

Benzaldehyde

Concen: 18.972 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

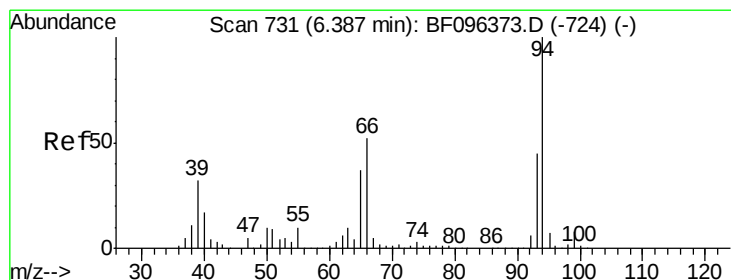
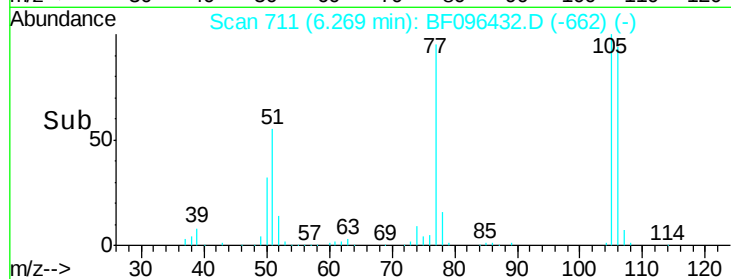
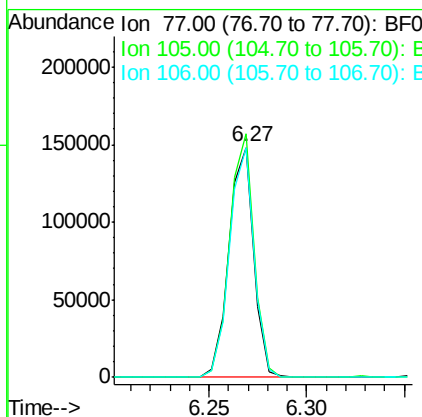
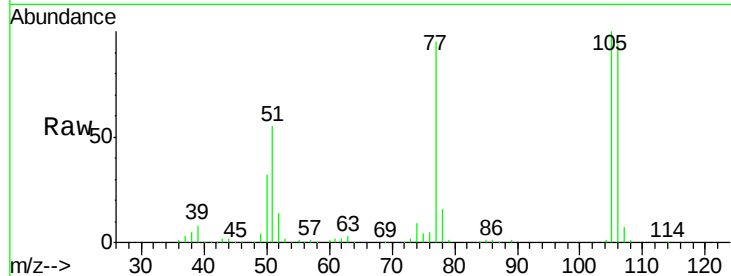
ClientSampleId :

PB100328BS

Tgt Ion:	77	Resp:	130394
Ion Ratio	Lower	Upper	
77	100		
105	105.8	83.8	123.8
106	99.8	79.1	119.1

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#10

Phenol

Concen: 38.902 ng

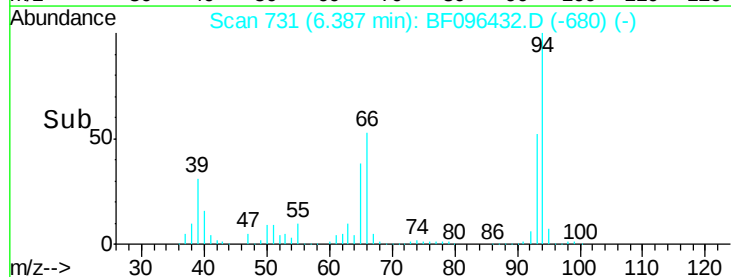
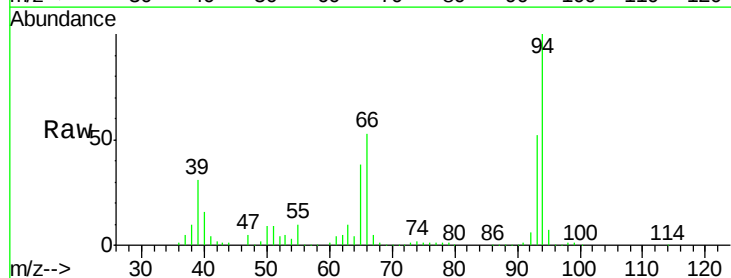
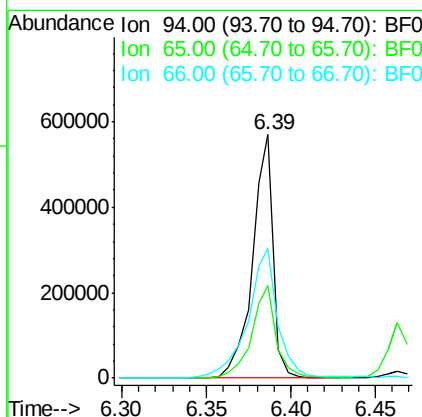
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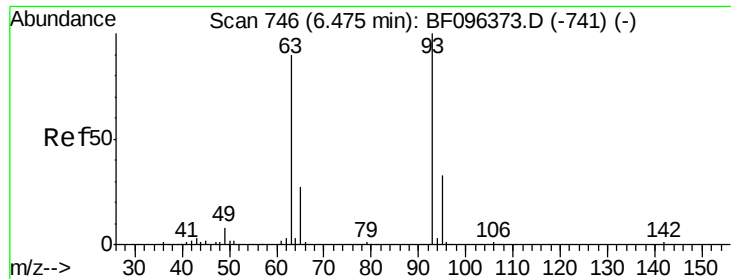
Delta R.T. 0.00 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:	94	Resp:	486711
Ion Ratio	Lower	Upper	
94	100		
65	37.8	9.9	49.9
66	53.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.030 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

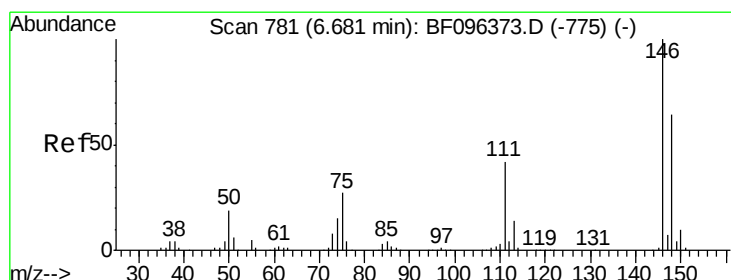
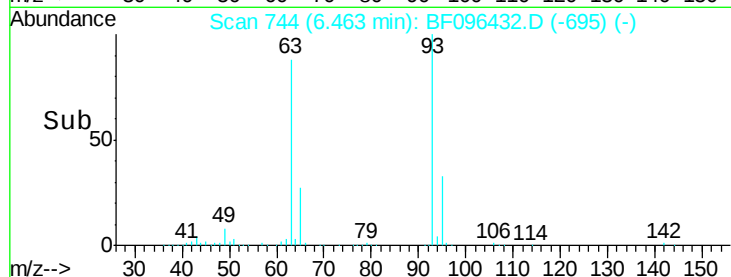
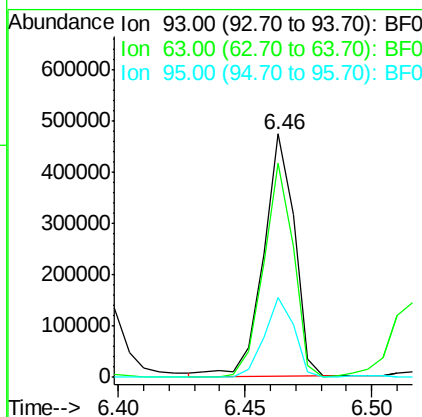
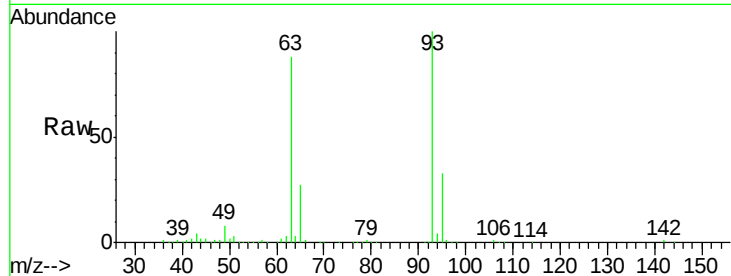
ClientSampleId :

PB100328BS

Tgt Ion:	93	Resp:	406383
Ion	Ratio	Lower	Upper
93	100		
63	88.2	59.2	99.2
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.671 ng

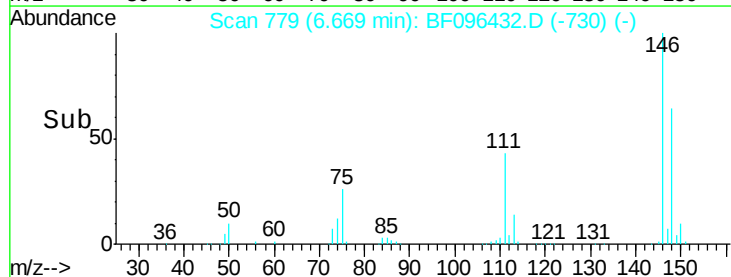
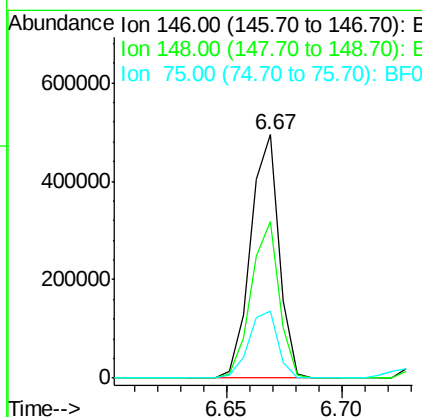
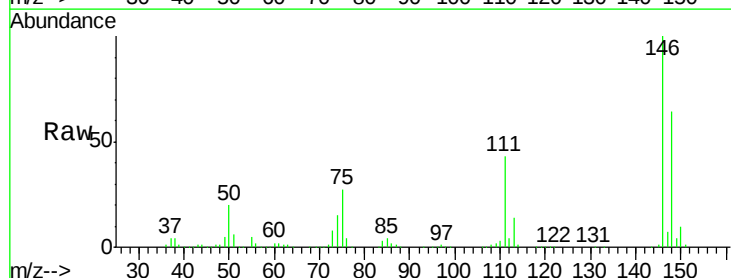
RT: 6.67 min Scan# 779

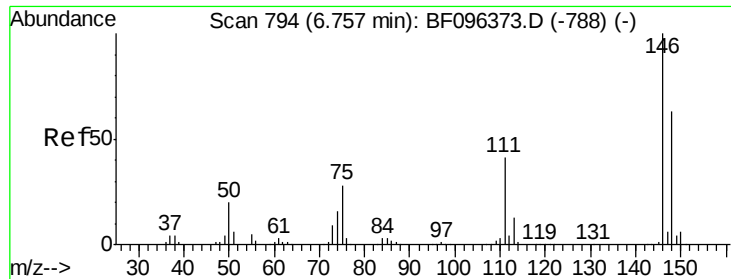
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:	146	Resp:	426216
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
75	27.5	23.1	34.7





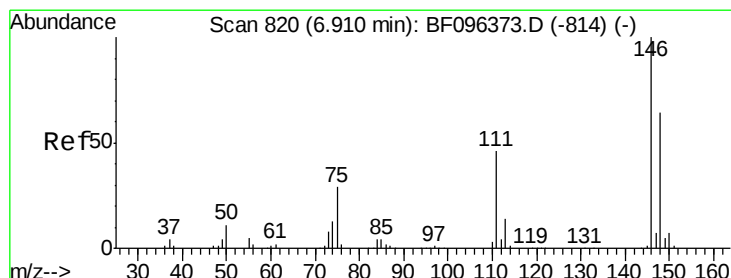
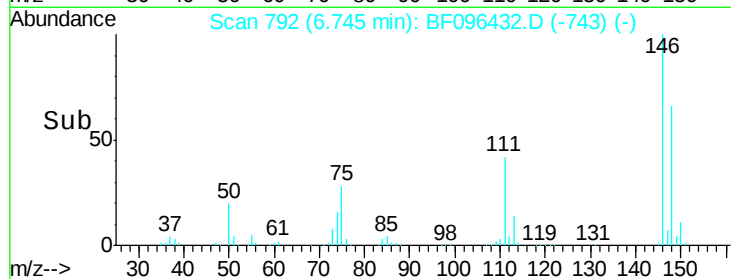
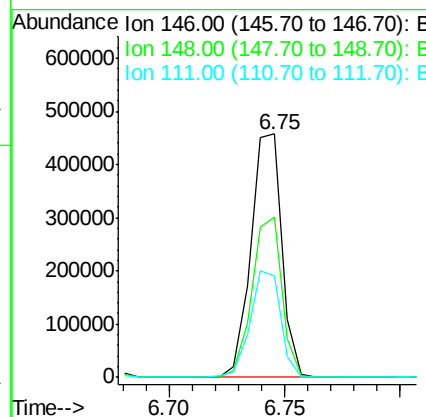
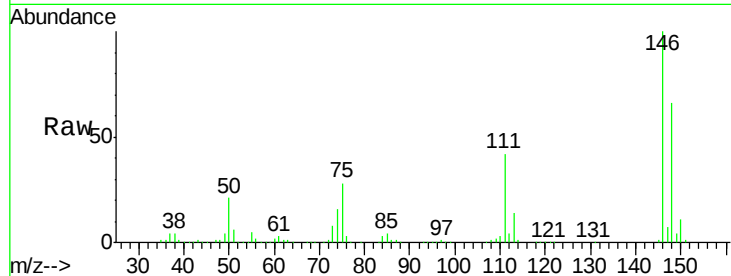
#13
 1,4-Dichlorobenzene
 Concen: 42.931 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.2	78.2
111	41.8	30.3	45.5

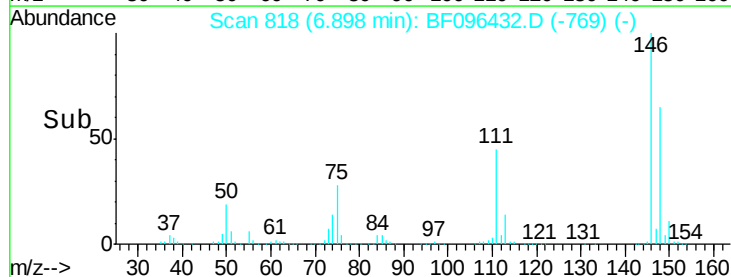
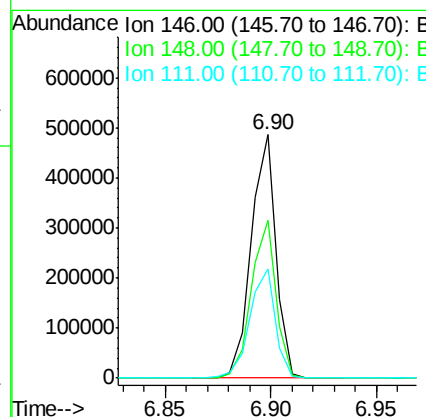
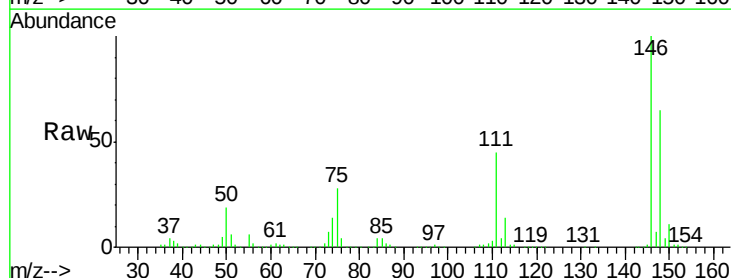
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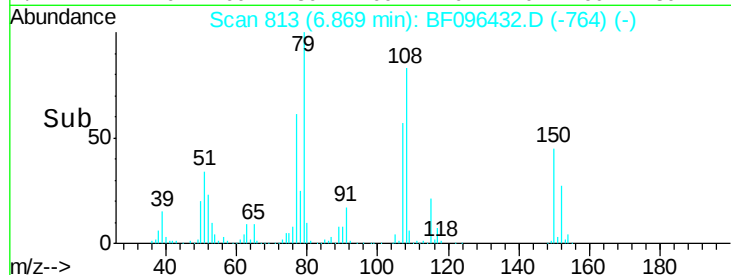
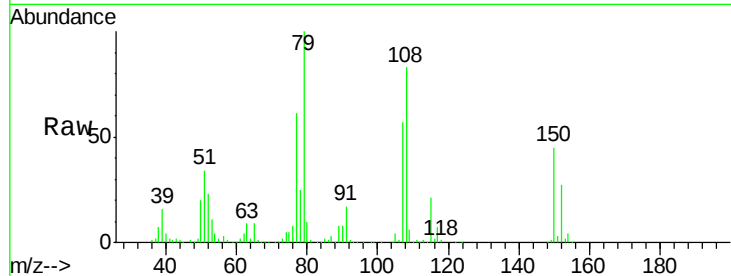
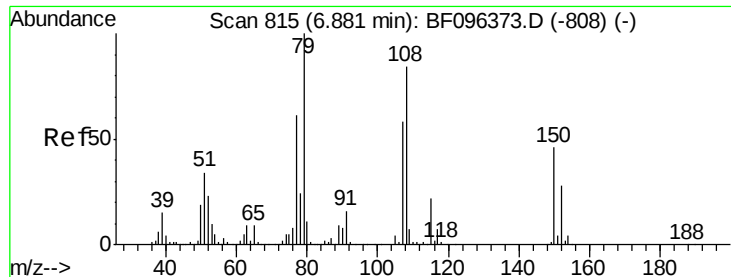
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.989 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	44.9	38.2	57.4





#15

Benzyl Alcohol

Concen: 45.035 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.4	63.4	95.0
77	61.1	49.2	73.8

Instrument :

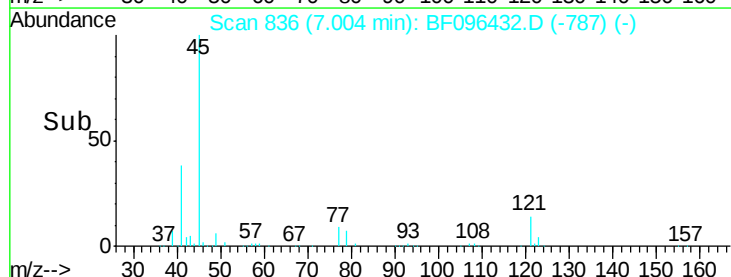
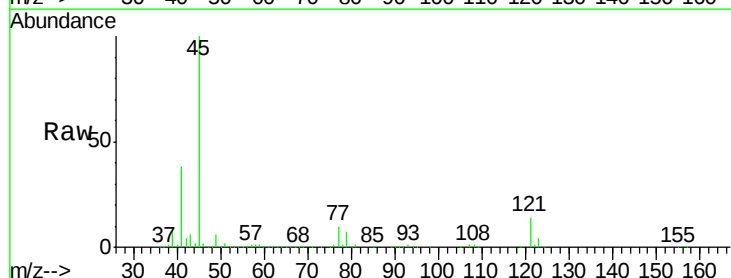
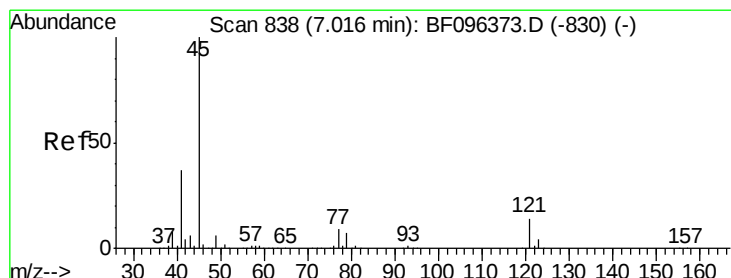
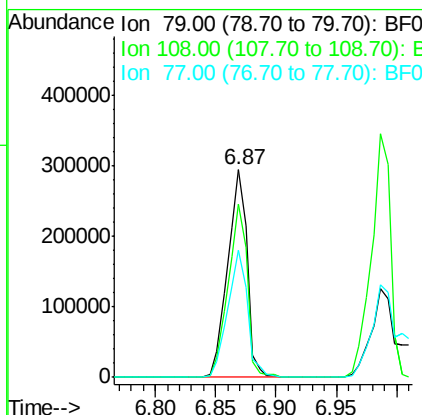
BNA_F

ClientSampleId :

PB100328BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.655 ng

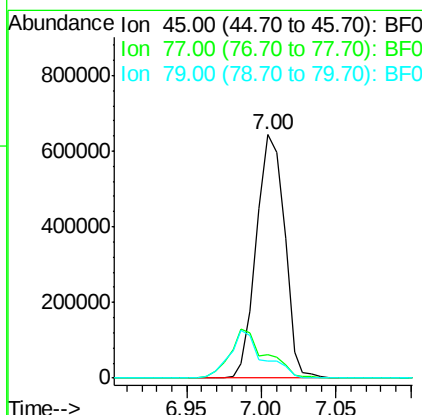
RT: 7.00 min Scan# 836

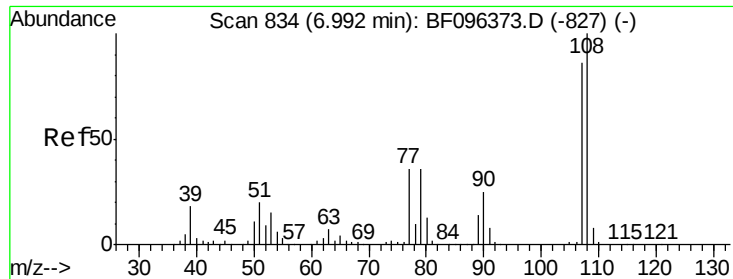
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	33.2
79	7.2	0.0	30.0





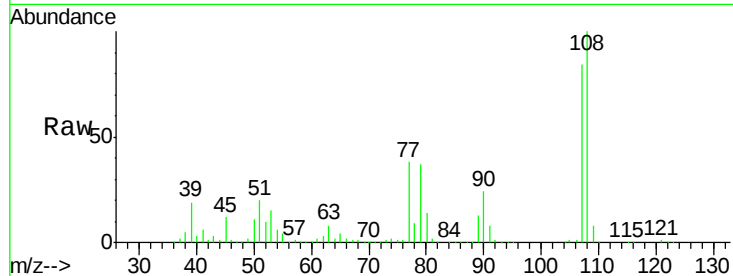
#17
2-Methylphenol
Concen: 42.937 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

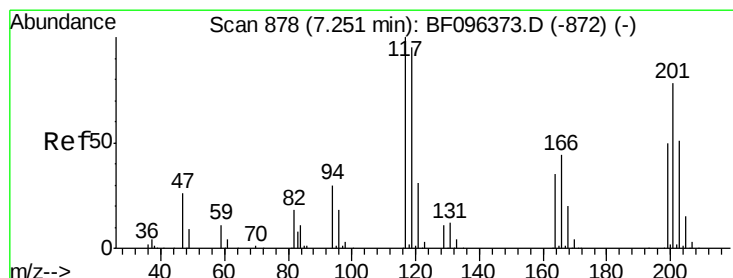
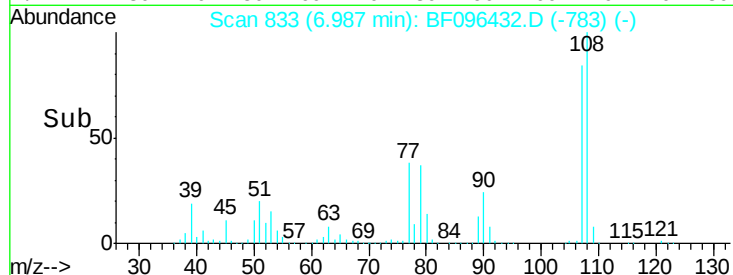
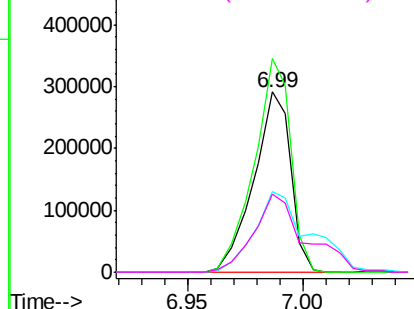
Tgt Ion:	107	Resp:	325975
Ion Ratio	Lower	Upper	
107	100		
108	118.5	93.4	140.0
77	44.8	35.8	53.6
79	43.5	34.8	52.2

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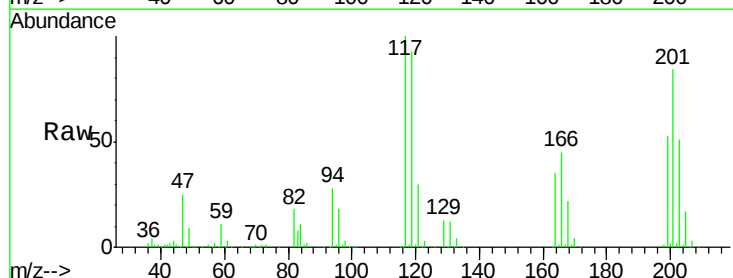


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

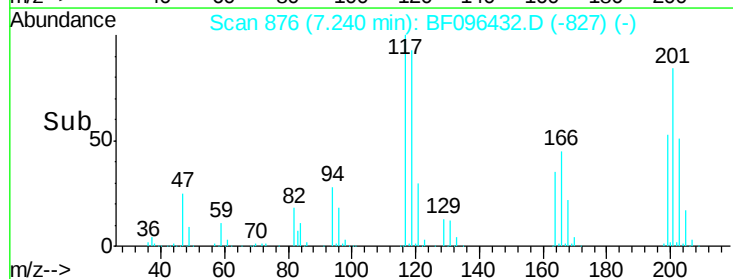
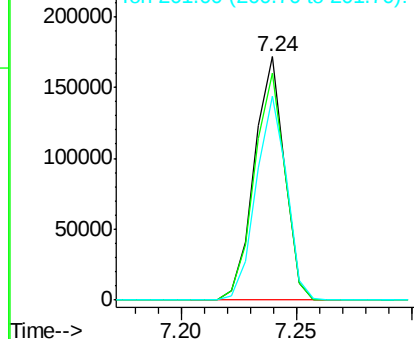


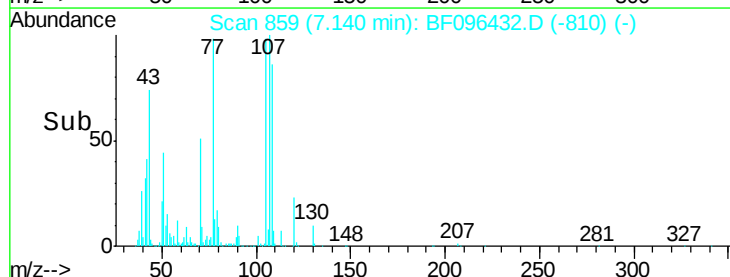
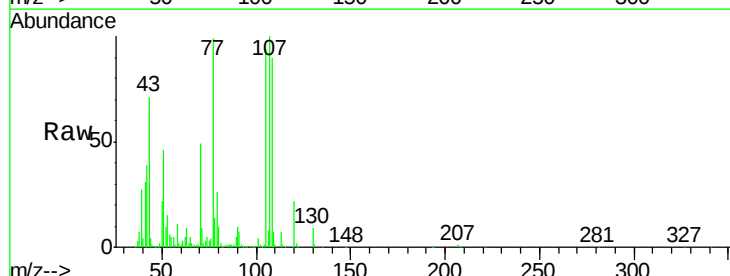
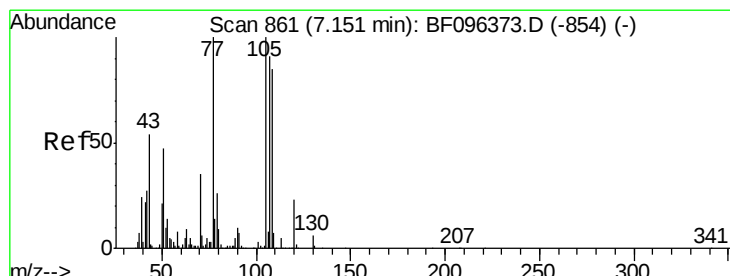
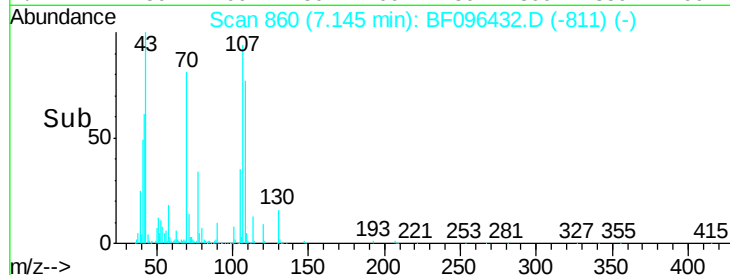
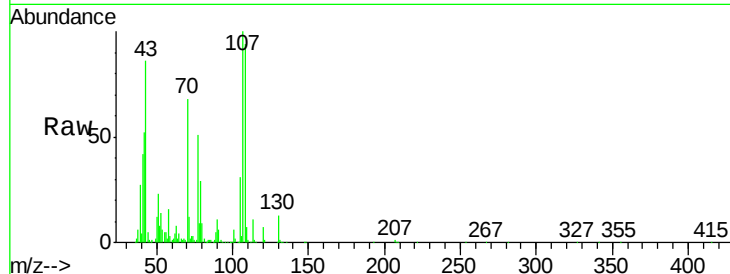
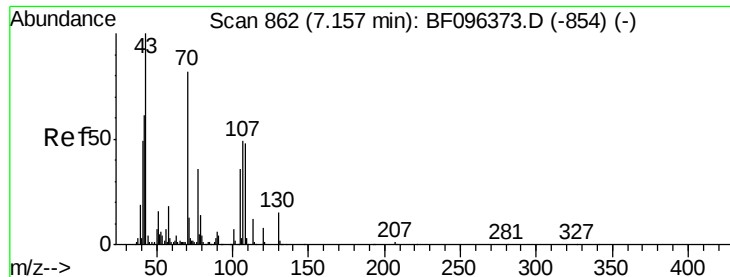
#18
Hexachloroethane
Concen: 43.300 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:	117	Resp:	156723
Ion Ratio	Lower	Upper	
117	100		
119	93.2	77.4	116.0
201	83.8	94.6	141.8#



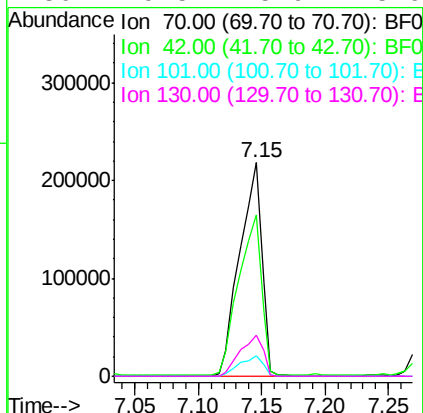
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.456 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.7	47.2	70.8#
101	9.4	7.2	10.8
130	19.5	15.9	23.9



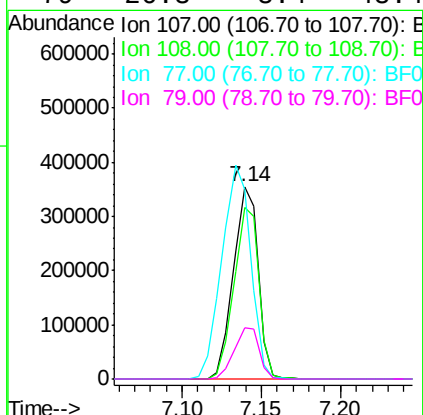
Instrument :
BNA_F
ClientSampleId :
PB100328BS

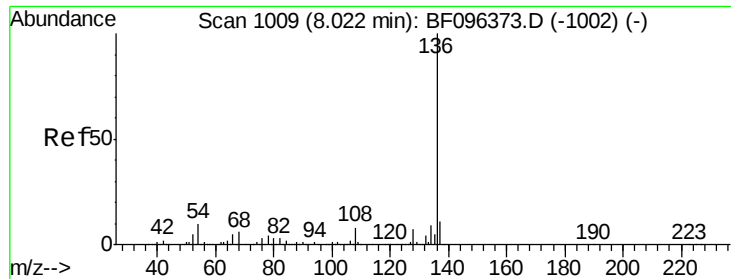
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#20
3+4-Methylphenols
Concen: 45.369 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.0	111.0
77	98.7	90.5	130.5
79	26.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

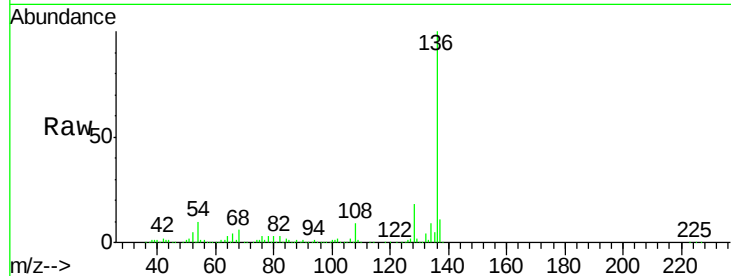
ClientSampleId :

PB100328BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.5	4.9	7.3#
68	5.6	4.1	6.1

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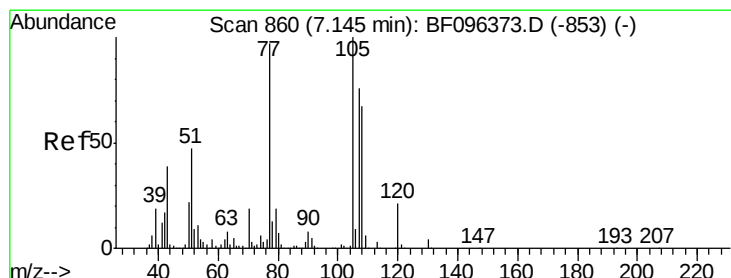
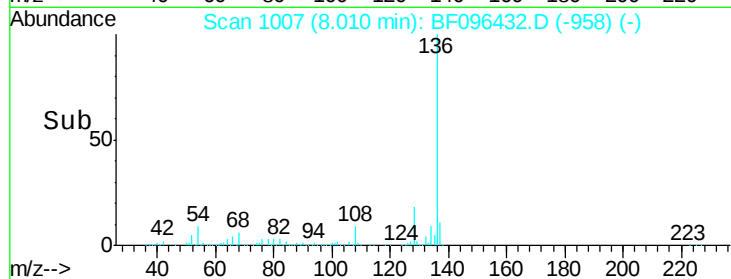
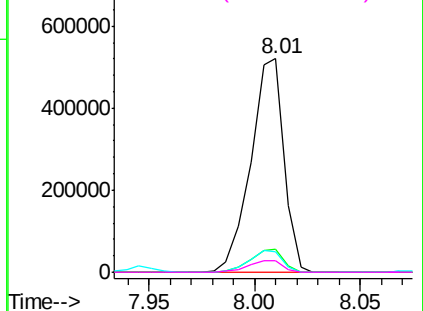


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.977 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

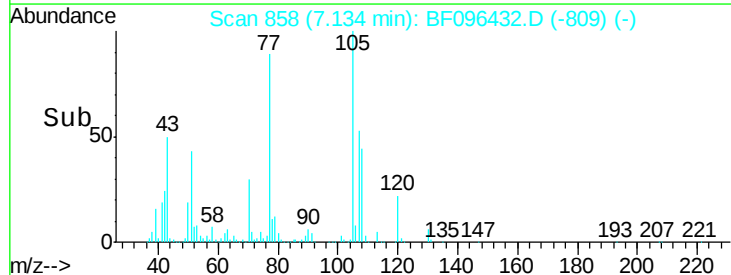
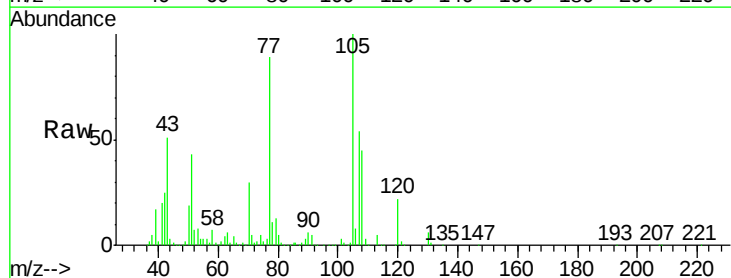
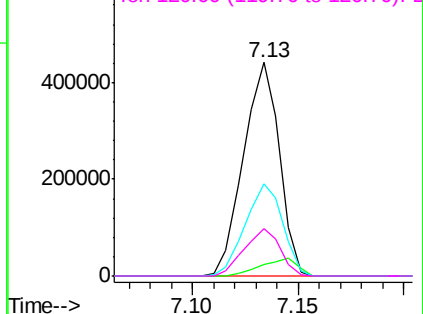
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.1	2.8	4.2#
51	42.9	30.7	46.1
120	22.2	17.4	26.0

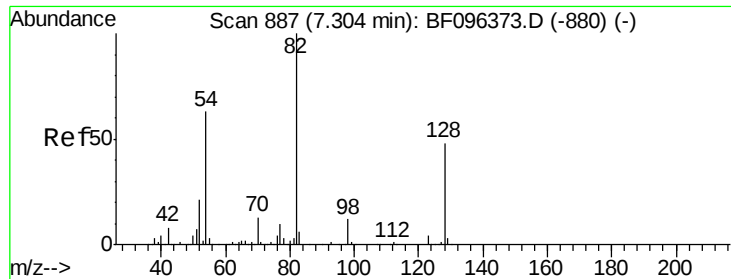
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





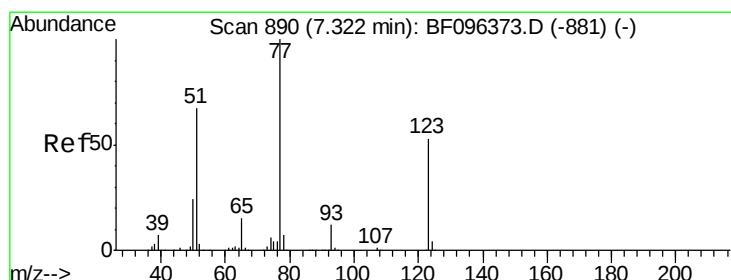
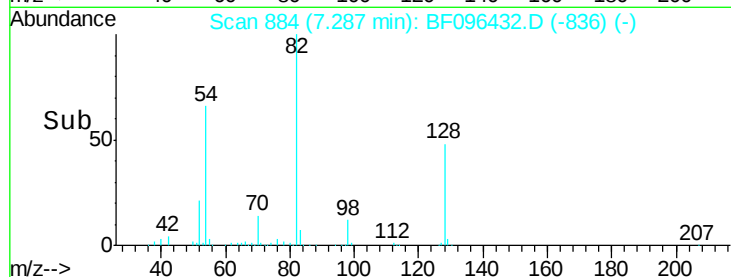
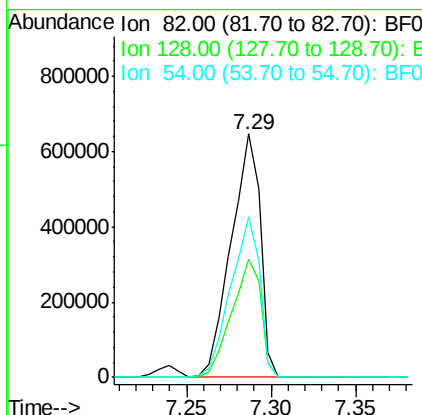
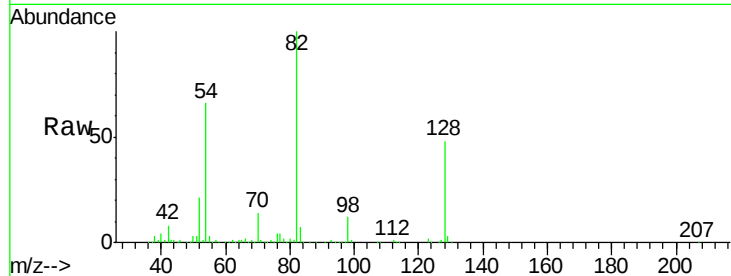
#23
 Nitrobenzene-d5
 Concen: 82.361 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	65.8	42.2	63.2#

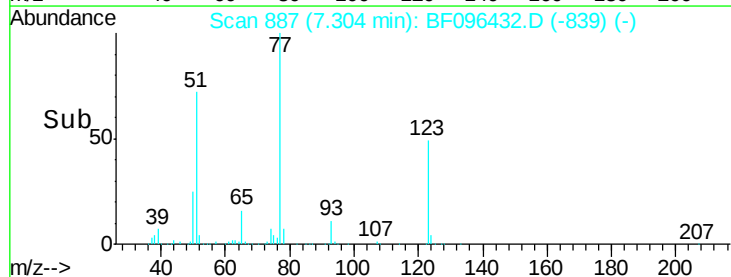
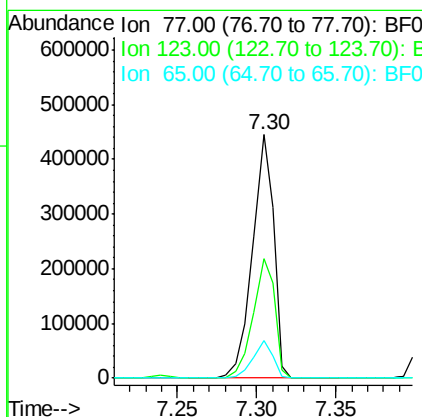
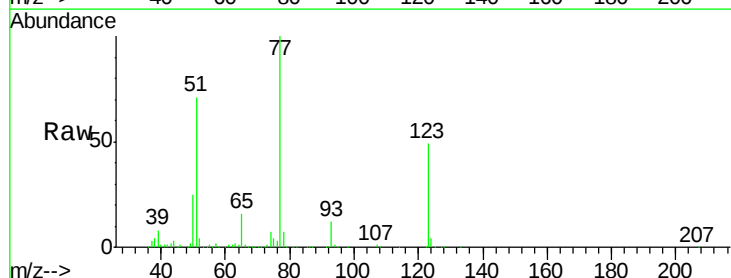
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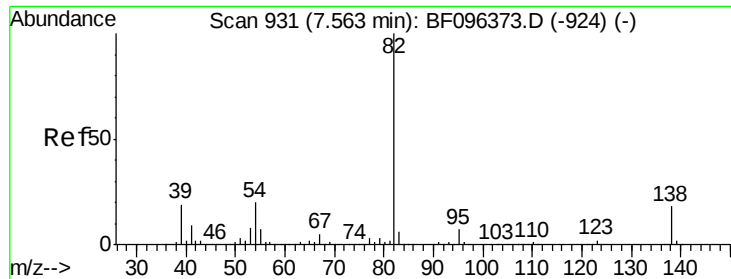
mohammad
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#24
 Nitrobenzene
 Concen: 41.777 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	35.8	53.8
65	15.6	10.6	15.8





#25

Isophorone

Concen: 36.957 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

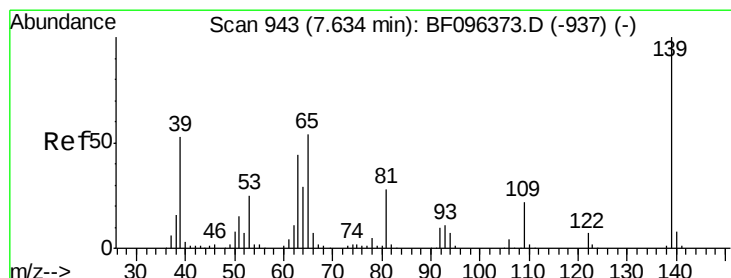
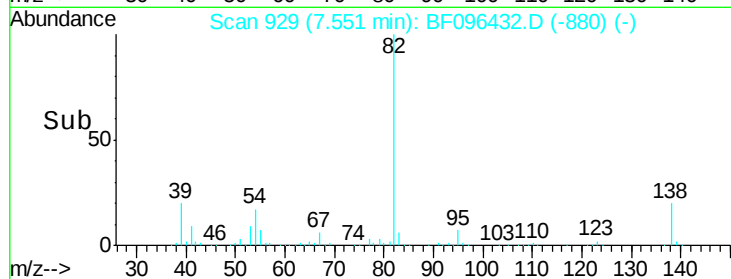
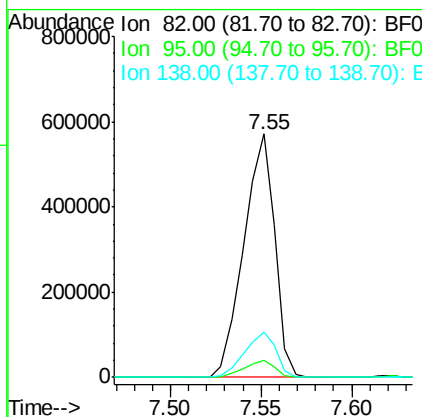
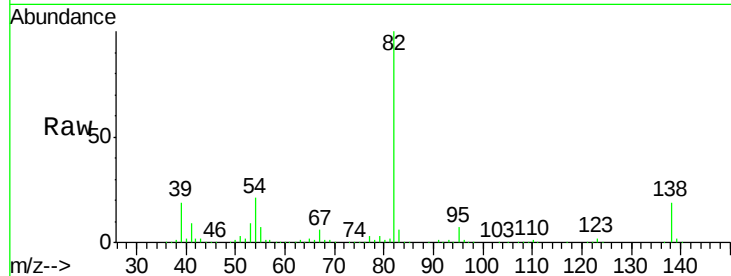
ClientSampleId :

PB100328BS

Tgt Ion:	82	Resp:	677288
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.3	7.9
138	18.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 43.317 ng

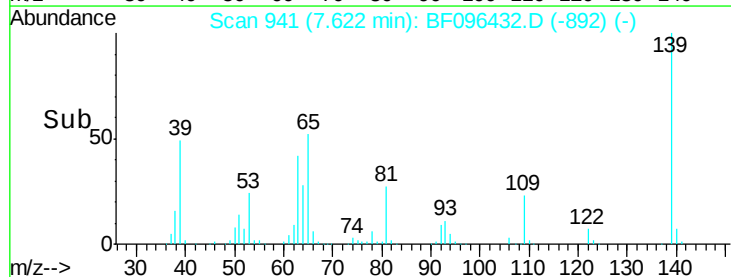
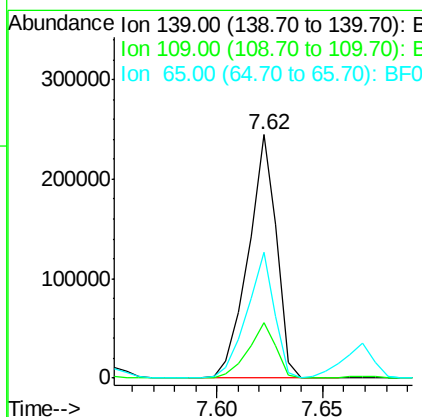
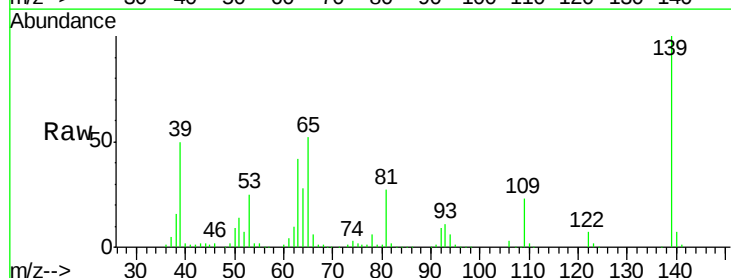
RT: 7.62 min Scan# 941

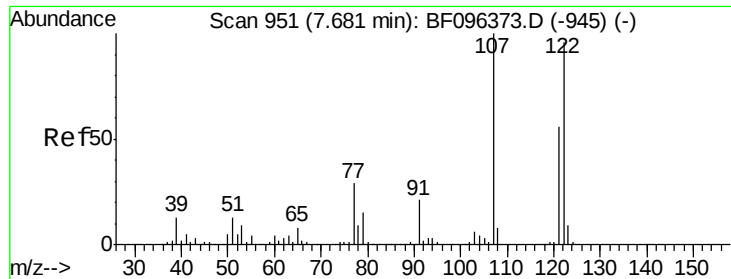
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:	139	Resp:	227342
Ion Ratio		Lower	Upper
139	100		
109	23.0	21.0	31.6
65	51.5	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 41.895 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

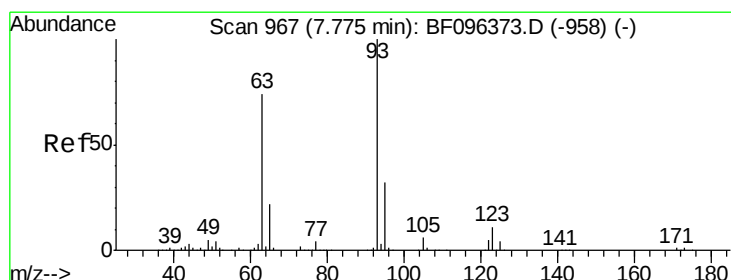
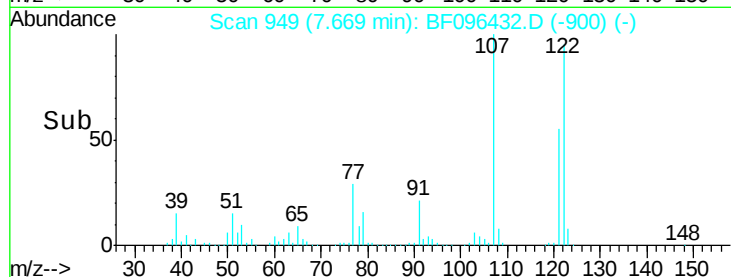
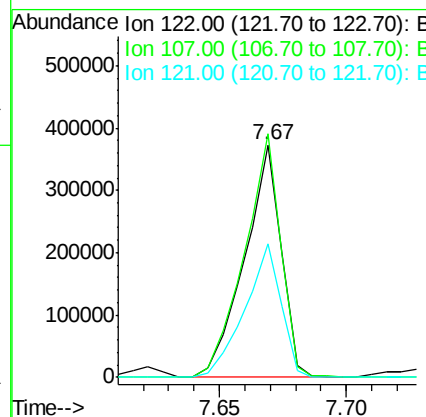
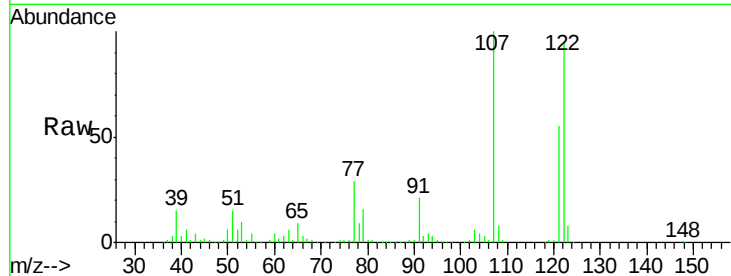
ClientSampled :

PB100328BS

Tgt Ion:	122	Resp:	374392
Ion Ratio	Lower	Upper	
122	100		
107	104.8	89.2	133.8
121	57.6	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.876 ng

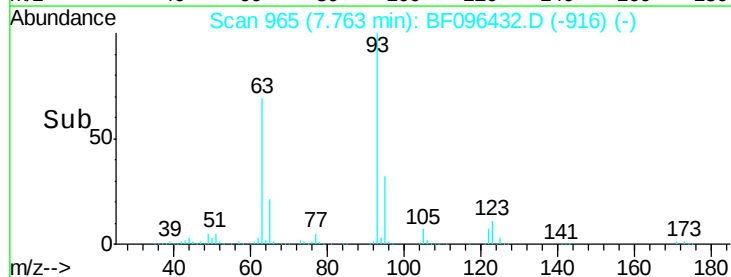
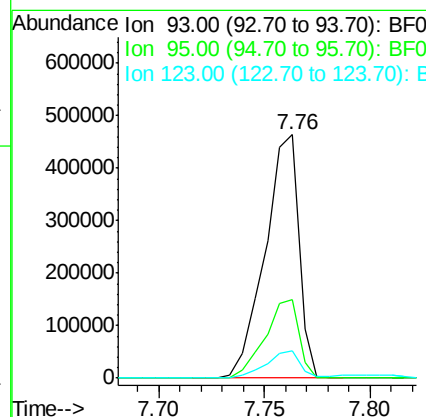
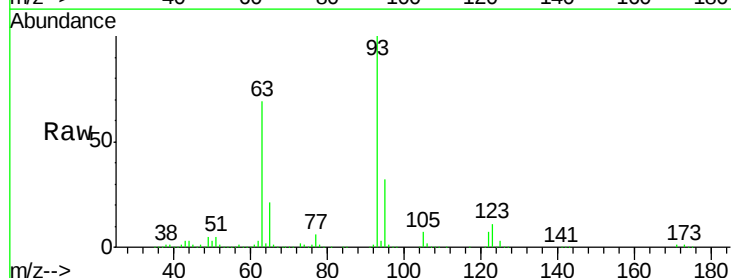
RT: 7.76 min Scan# 965

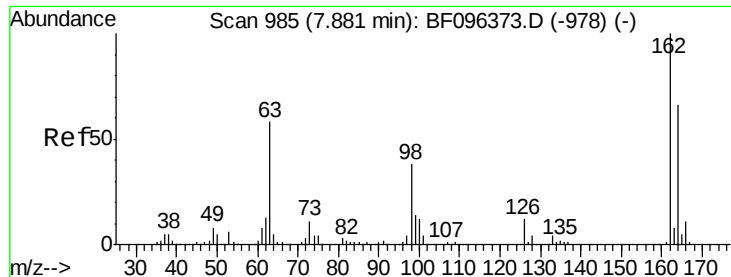
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:	93	Resp:	518706
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	11.1	9.0	13.4





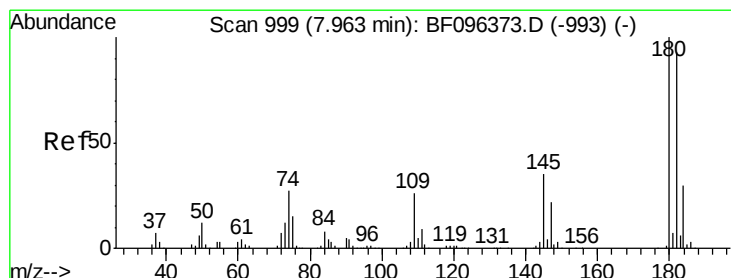
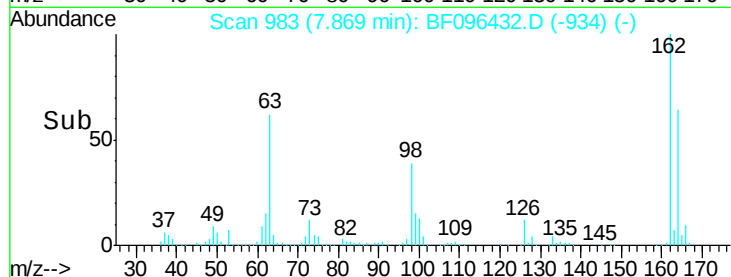
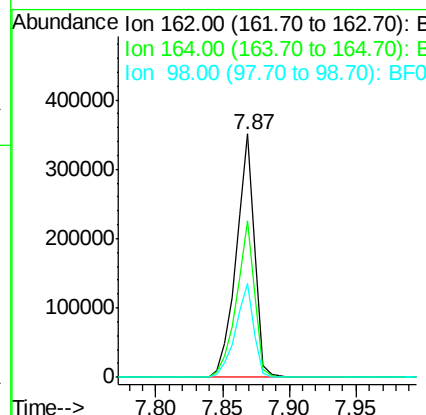
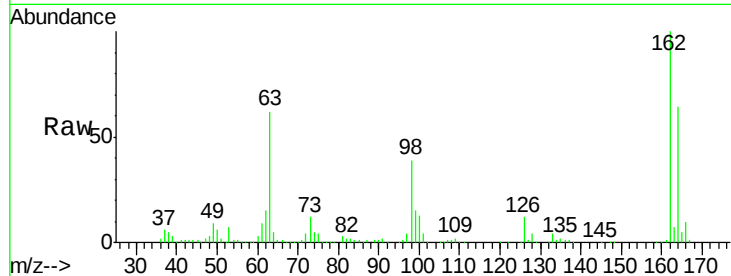
#29
2,4-Dichlorophenol
Concen: 44.099 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	340016		
164	64.1	44.6	84.6	
98	38.7	14.8	54.8	

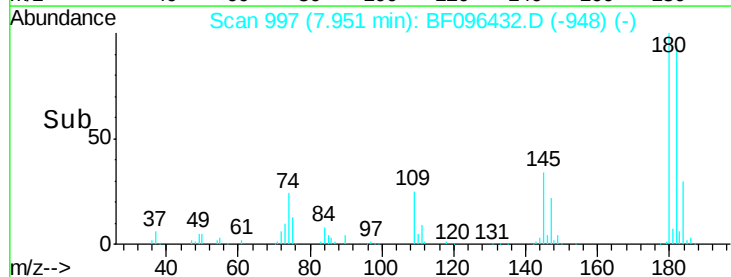
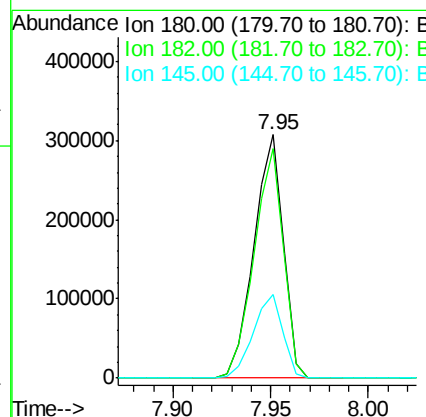
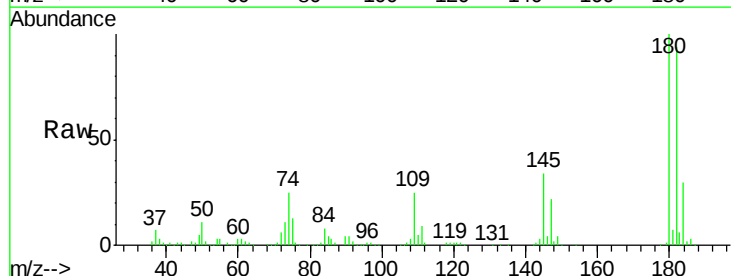
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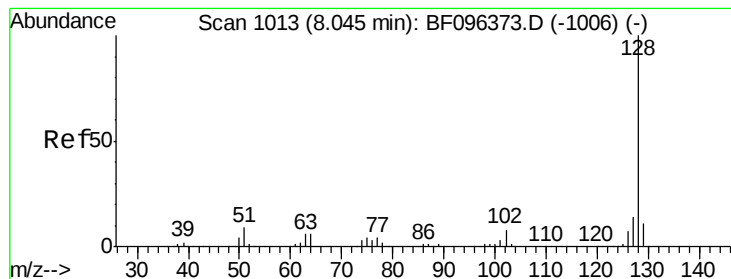
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.007 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320071		
182	94.3	75.8	113.6	
145	34.3	25.3	37.9	





#31

Naphthalene

Concen: 42.981 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

PB100328BS

Tgt Ion:128 Resp: 1152490

Ion Ratio Lower Upper

128 100

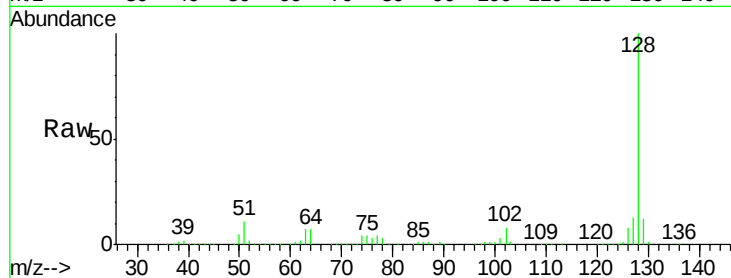
129 11.6 9.0 13.6

127 13.5 10.8 16.2

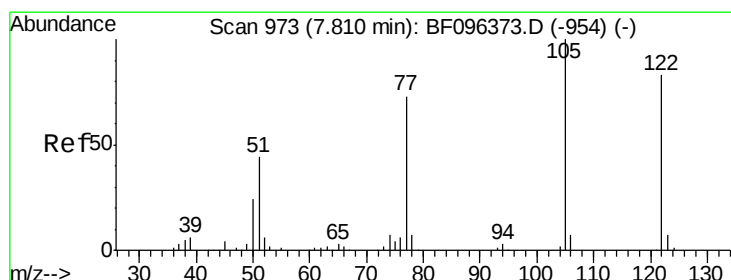
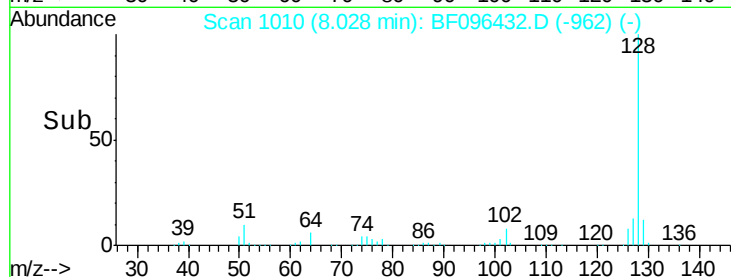
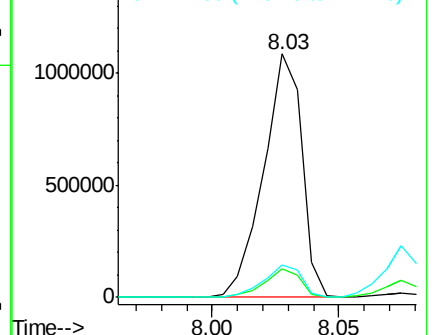
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.302 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

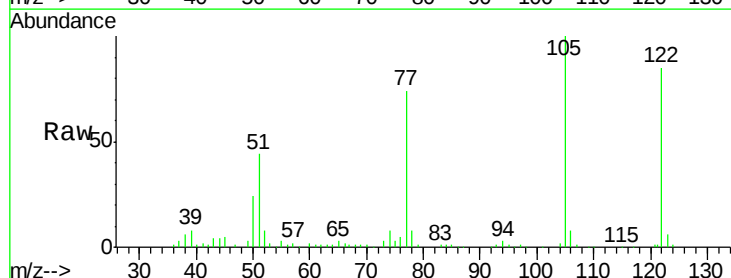
Tgt Ion:122 Resp: 234929

Ion Ratio Lower Upper

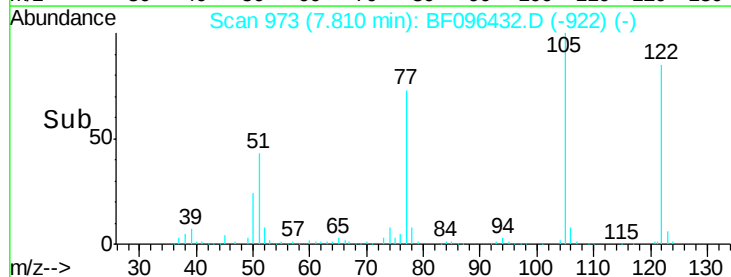
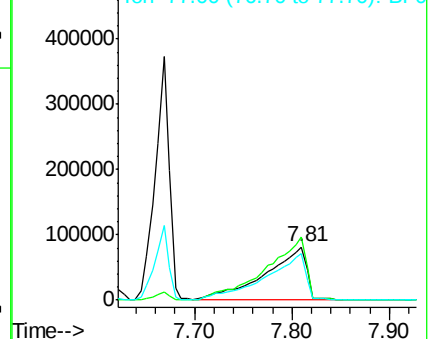
122 100

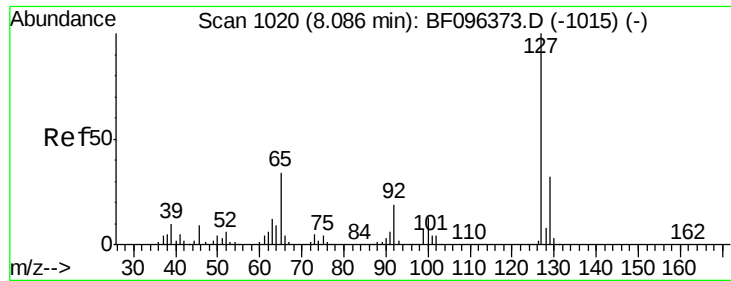
105 118.3 103.3 143.3

77 87.2 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





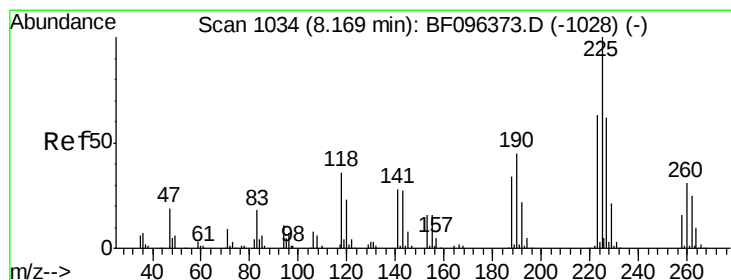
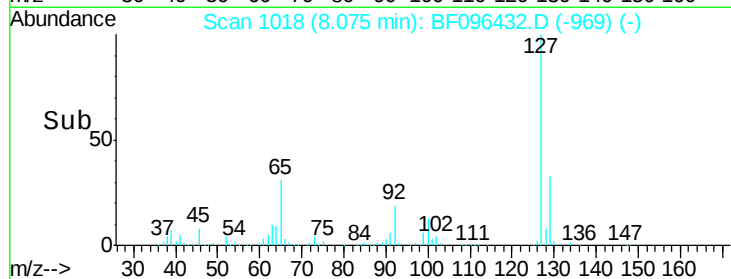
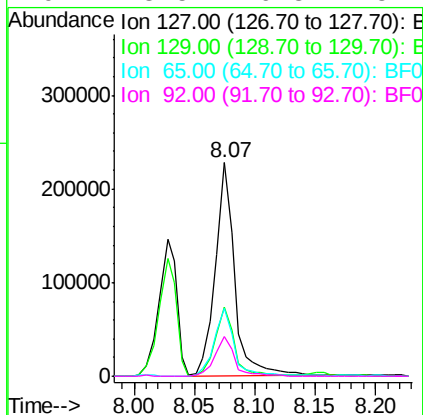
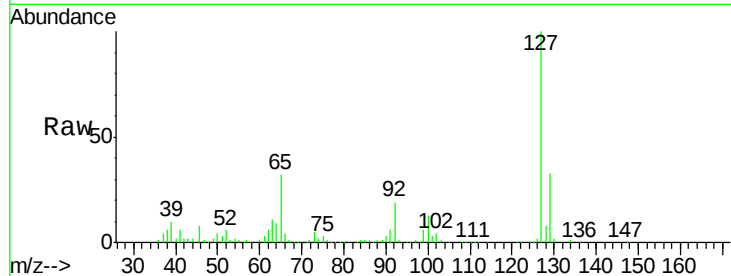
#33
4-Chloroaniline
Concen: 22.303 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	248403		
129	32.5	26.2	39.2	
65	32.0	27.8	41.8	
92	18.5	16.8	25.2	

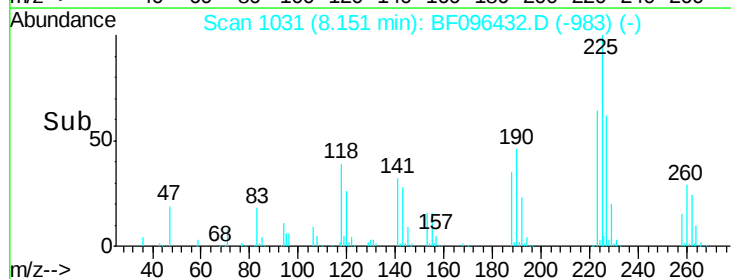
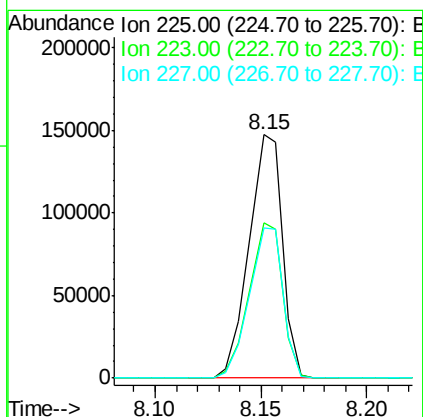
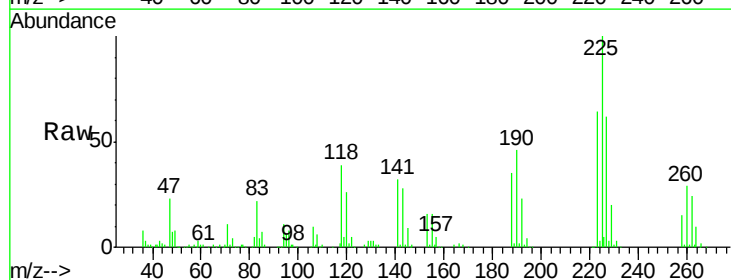
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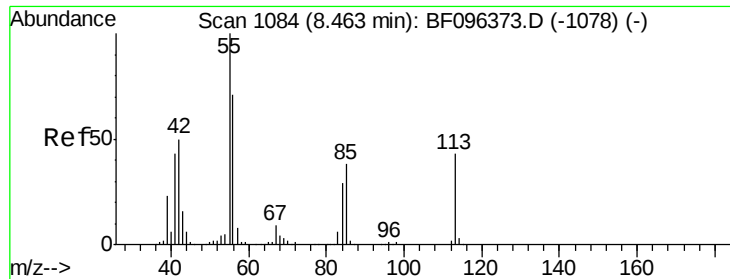
mohammad
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#34
Hexachlorobutadiene
Concen: 43.554 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162476		
223	64.0	48.8	73.2	
227	61.8	51.1	76.7	





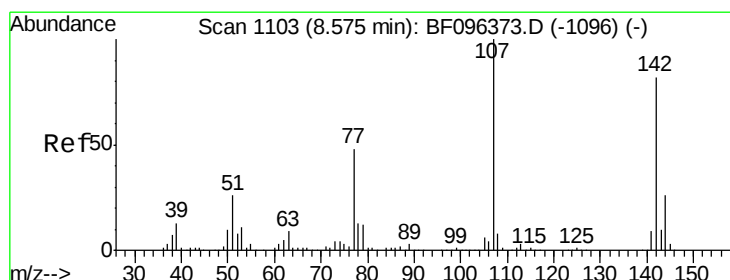
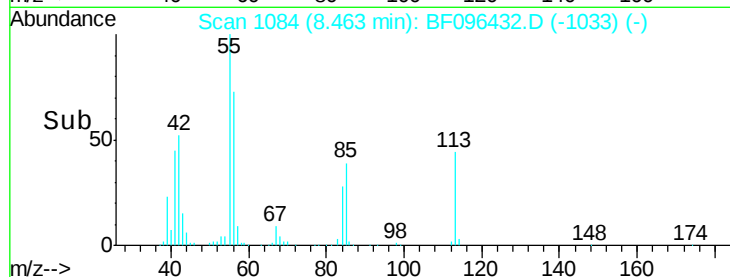
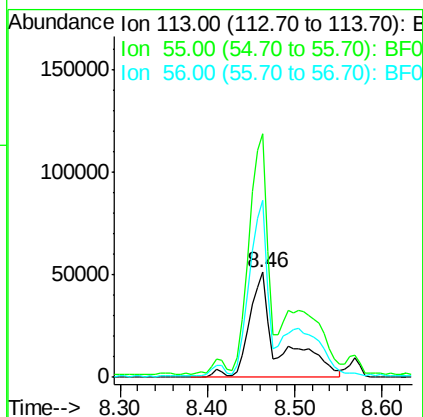
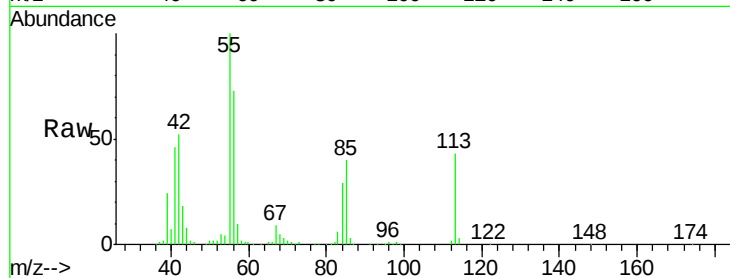
#35
 Caprolactam
 Concen: 45.911 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion:113 Resp: 122066
 Ion Ratio Lower Upper
 113 100
 55 231.6 150.2 190.2#
 56 168.1 107.8 147.8#

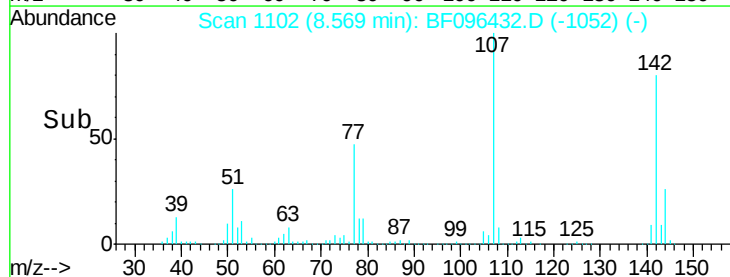
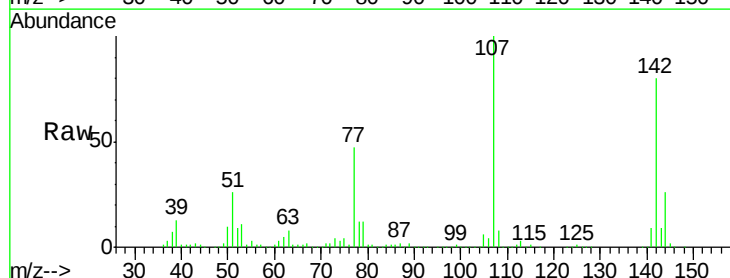
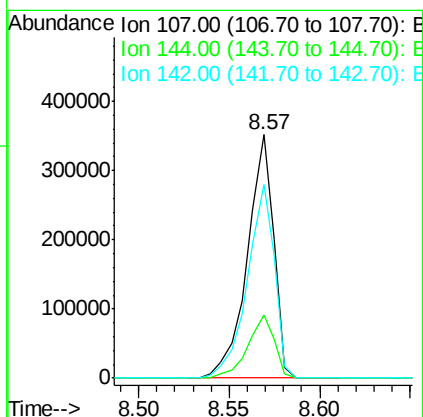
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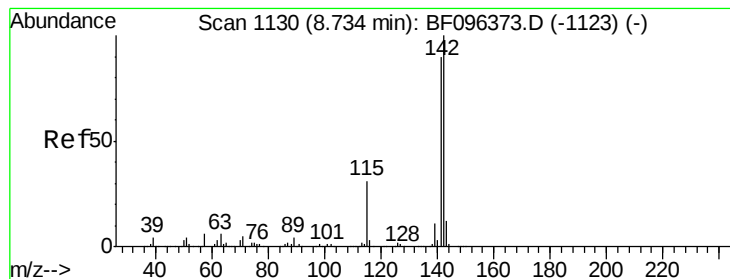
mohammad
 7/5/2017 11:41:01 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.692 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:107 Resp: 355694
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 79.7 73.4 110.0





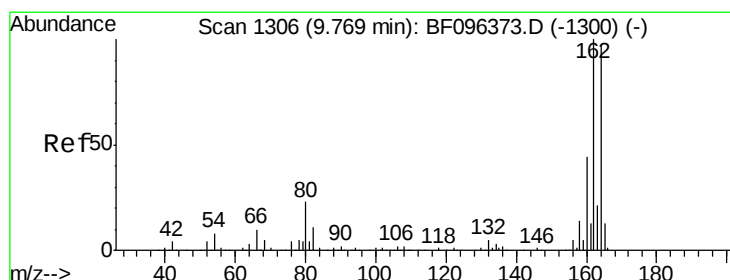
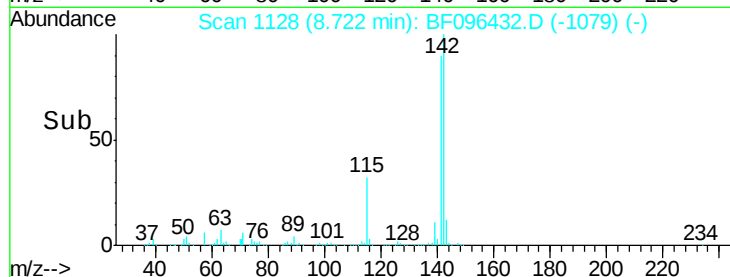
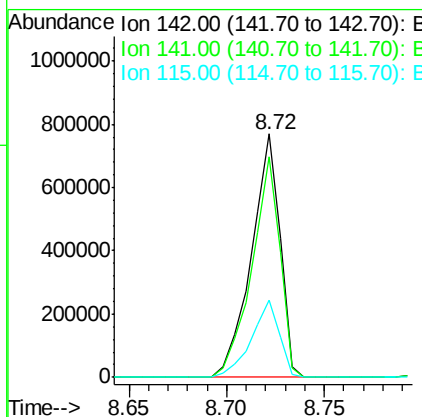
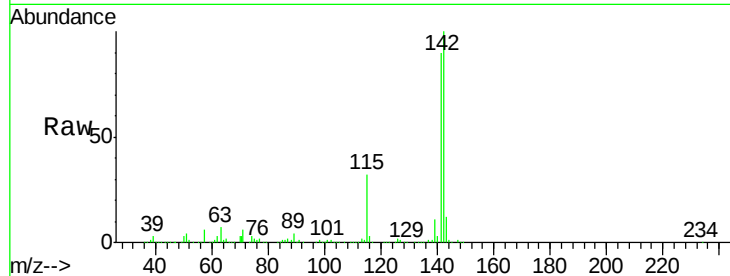
#37
 2-Methylnaphthalene
 Concen: 45.764 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	781115		
141	90.5	71.3	106.9	
115	31.7	27.1	40.7	

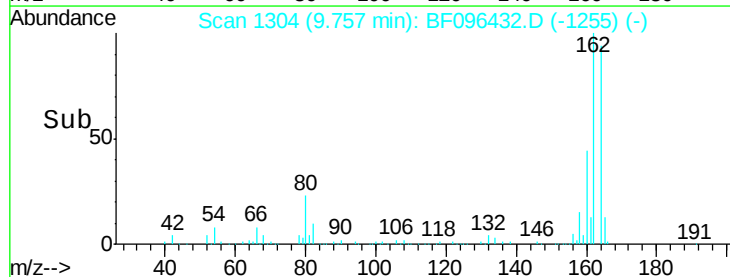
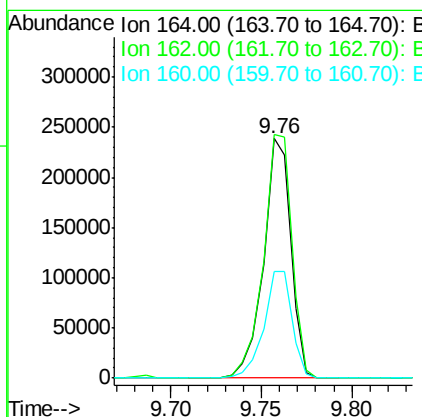
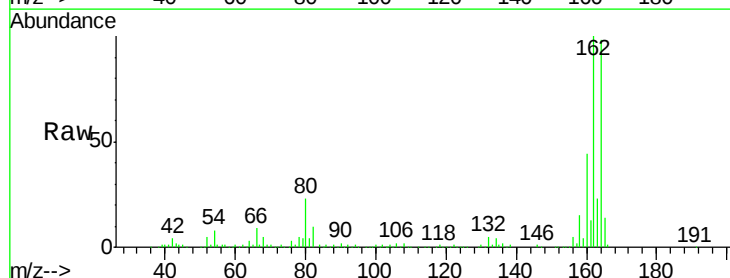
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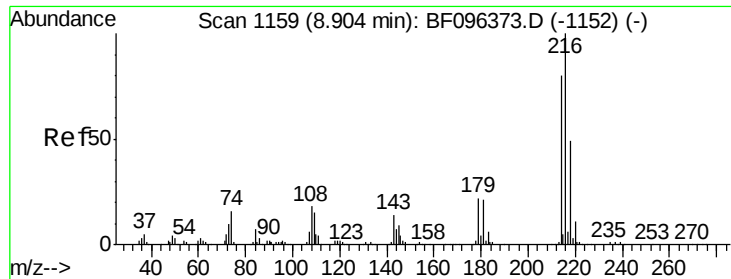
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

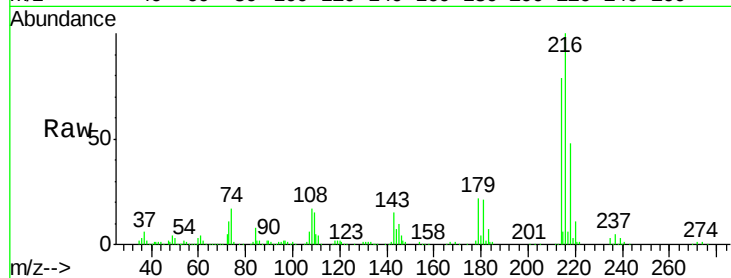
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	250345		
162	101.7	82.6	123.8	
160	44.5	36.2	54.2	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.570 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

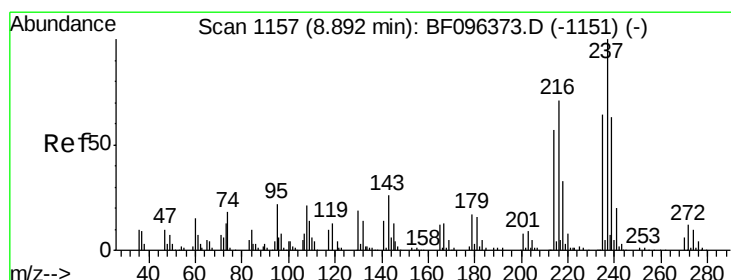
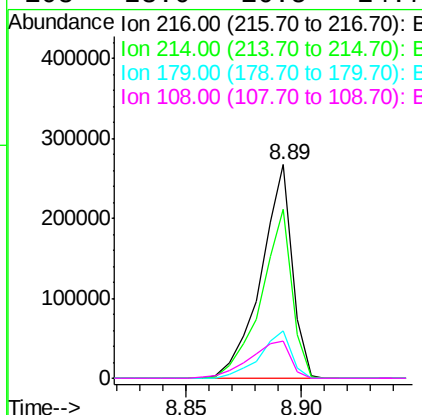
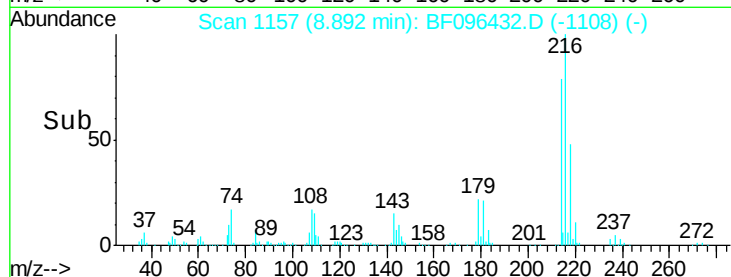
Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	250713		
214	78.1	63.4	95.2	
179	22.4	17.9	26.9	
108	23.0	16.5	24.7	

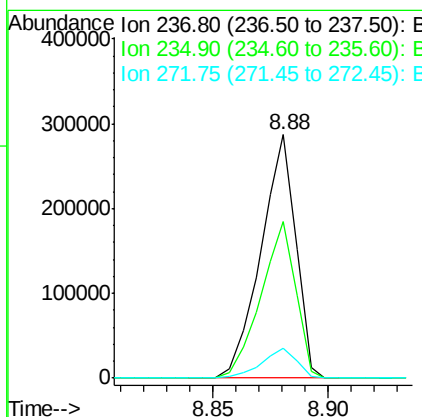
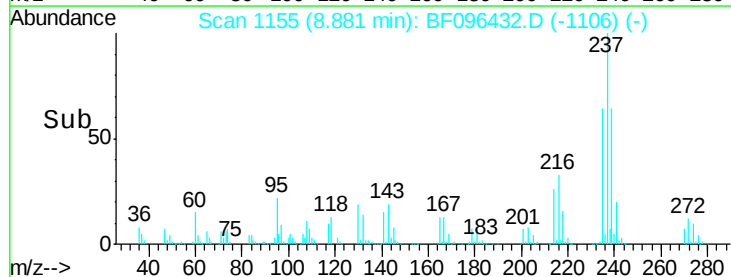
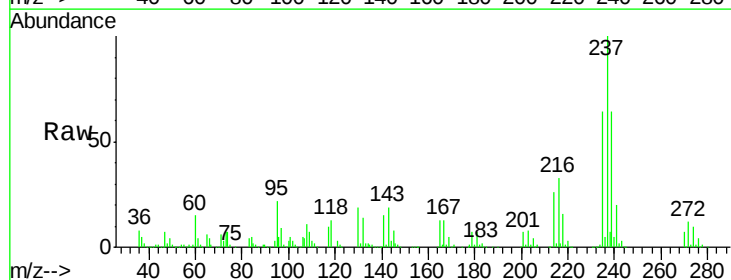
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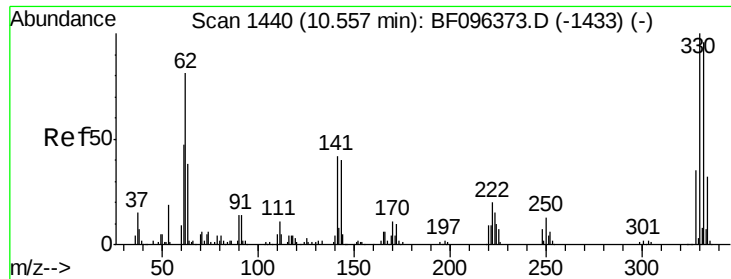
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 95.403 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	301534		
235	64.1	42.6	82.6	
272	12.4	0.0	31.9	





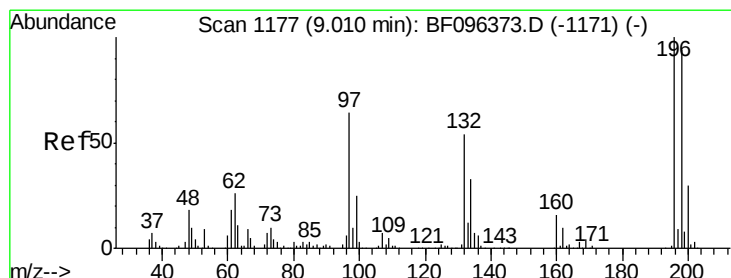
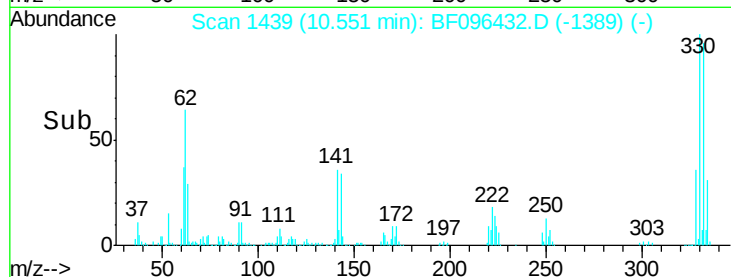
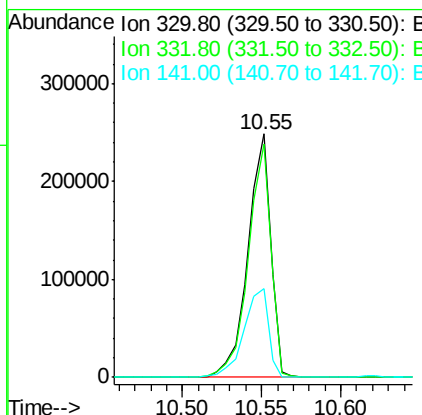
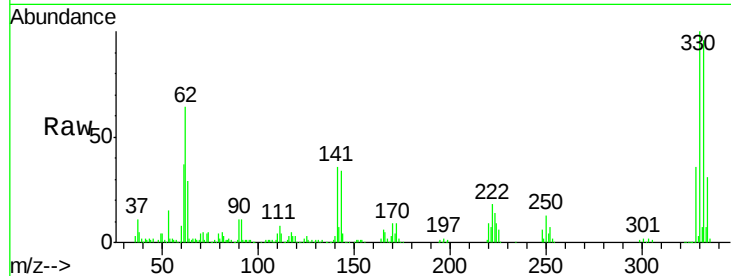
#41
 2,4,6-Tribromophenol
 Concen: 127.322 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	248979		
332	94.9	76.6	115.0	
141	39.4	31.4	47.2	

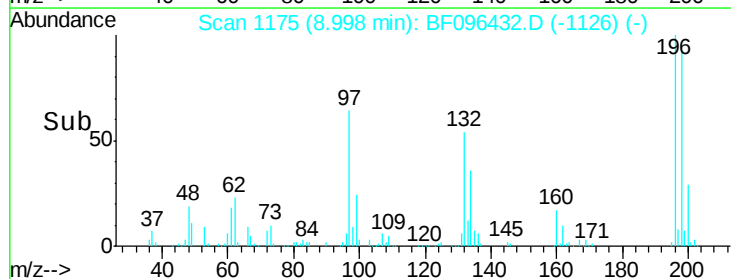
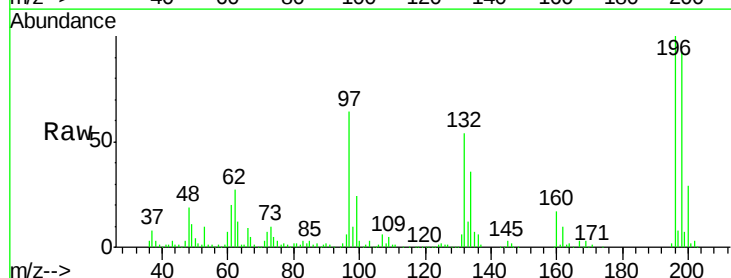
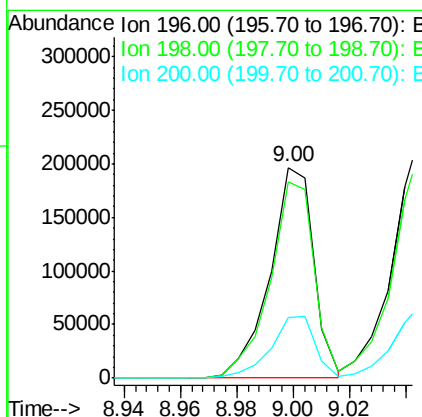
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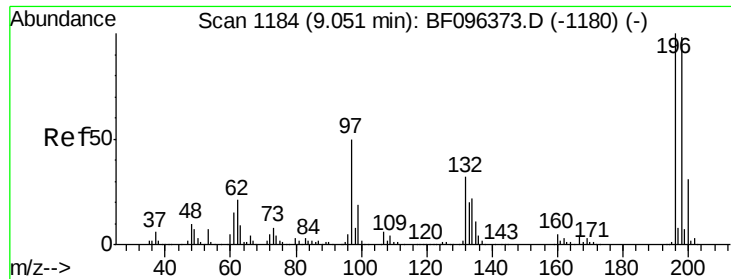
mohammad
 7/5/2017 11:41:01 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.255 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212140		
198	93.4	74.2	111.4	
200	28.8	24.0	36.0	





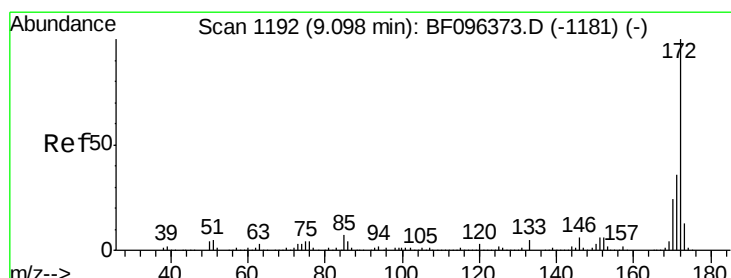
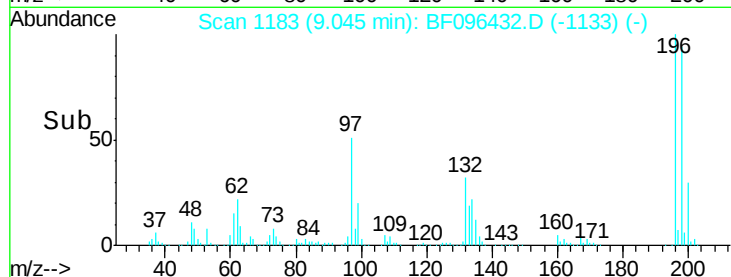
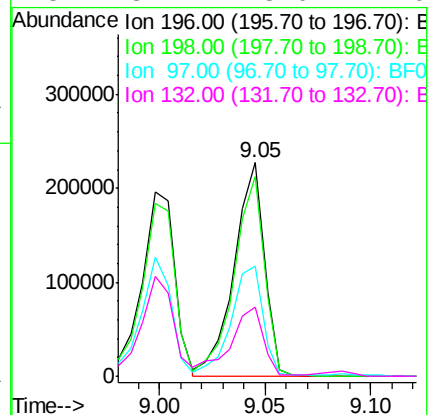
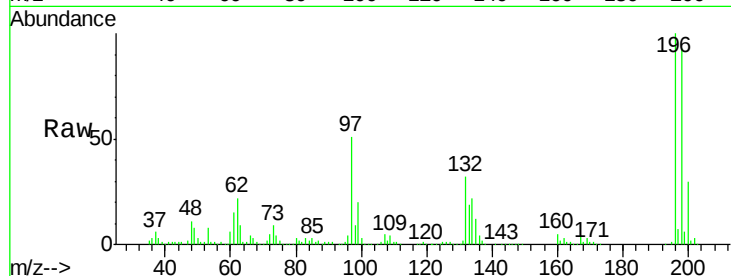
#43
 2,4,5-Trichlorophenol
 Concen: 44.337 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225426		
198	93.4	75.7	113.5	
97	51.4	47.7	71.5	
132	32.1	28.0	42.0	

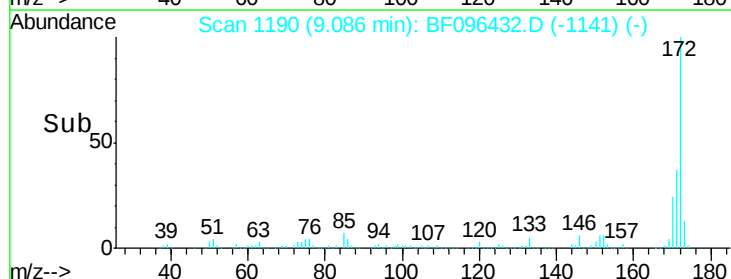
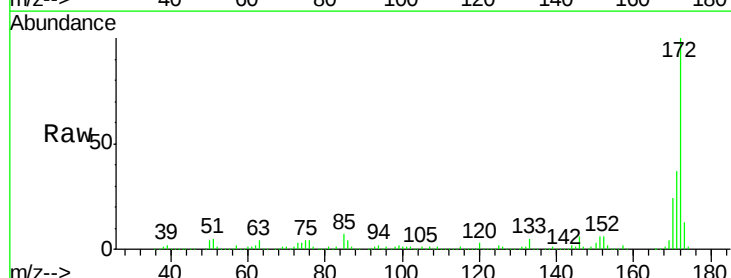
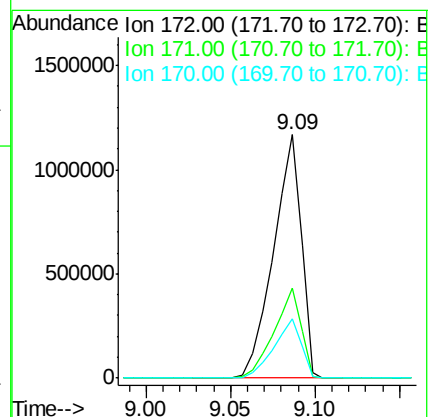
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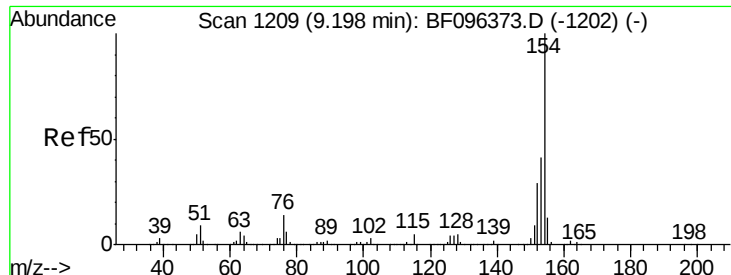
mohammad
 7/5/2017 11:41:01 AM



#44
 2-Fluorobiphenyl
 Concen: 89.882 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1316050		
171	36.8	29.6	44.4	
170	24.1	19.8	29.8	





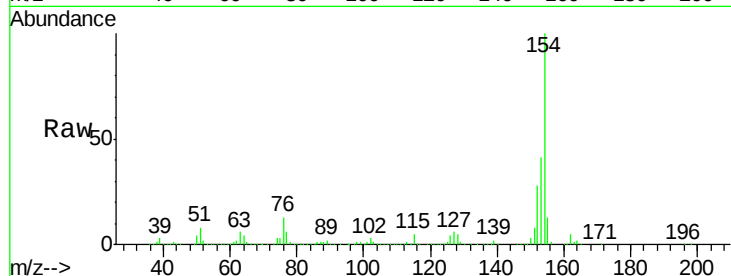
#45
1,1'-Biphenyl
Concen: 40.114 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

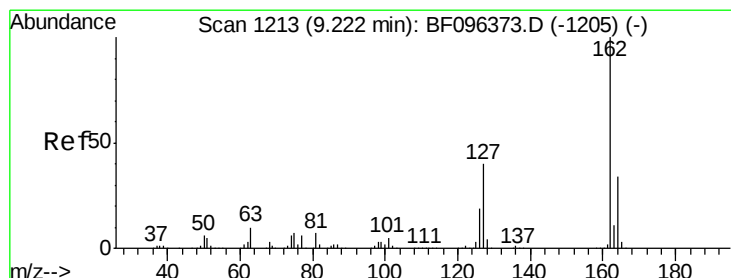
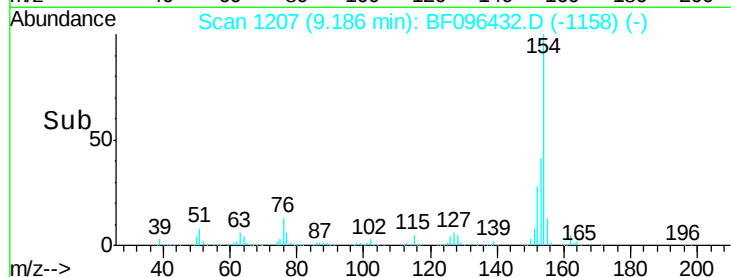
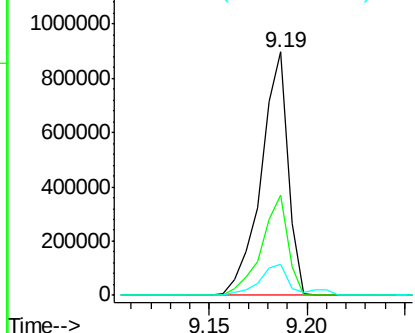
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.4	21.2	61.2
76	12.7	0.0	29.9

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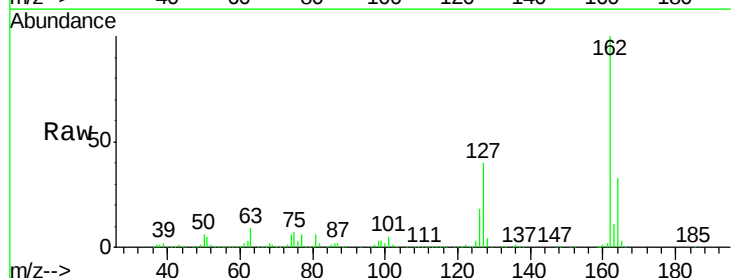


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

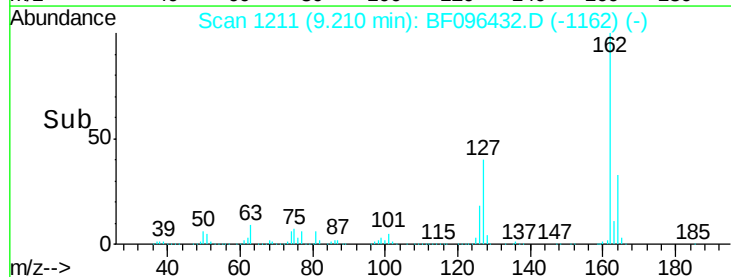
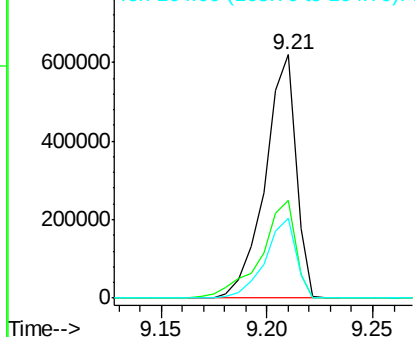


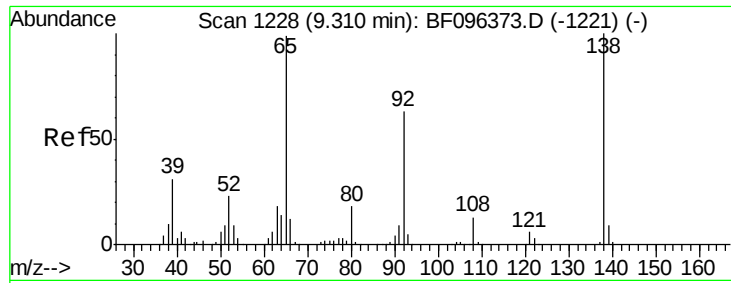
#46
2-Chloronaphthalene
Concen: 39.544 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.3	28.3	42.5
164	32.7	27.0	40.4



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





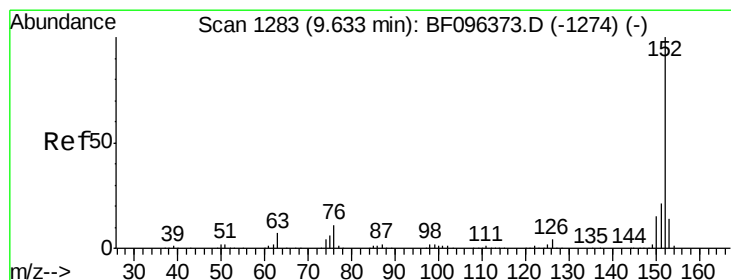
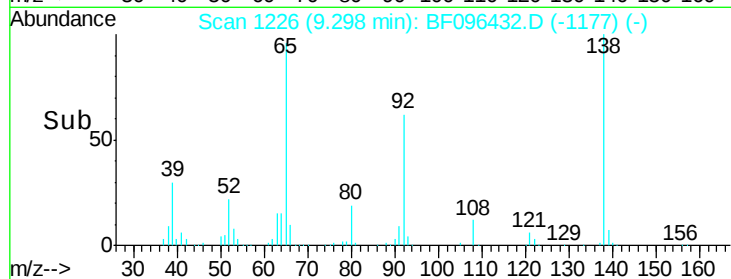
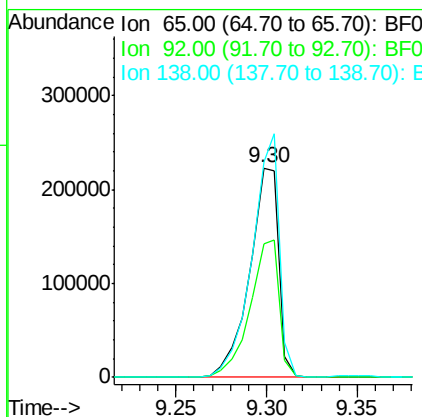
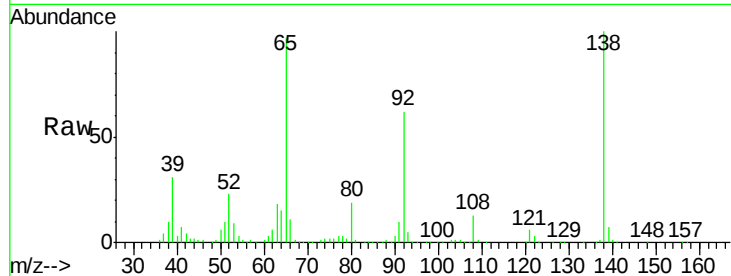
#47
2-Nitroaniline
Concen: 42.808 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	53.9	80.9
138	103.1	78.8	118.2

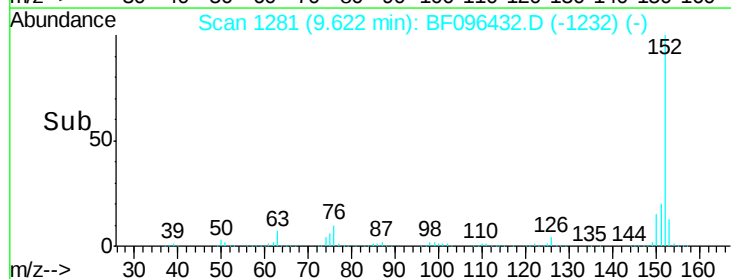
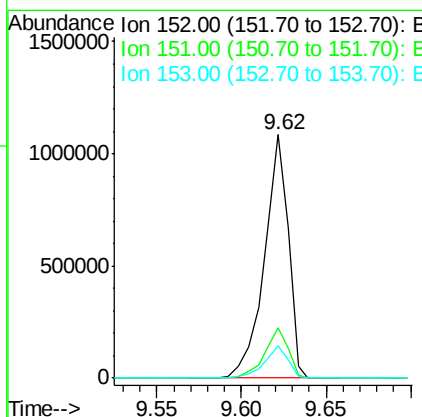
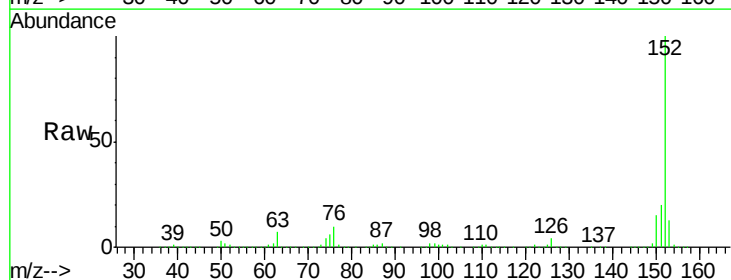
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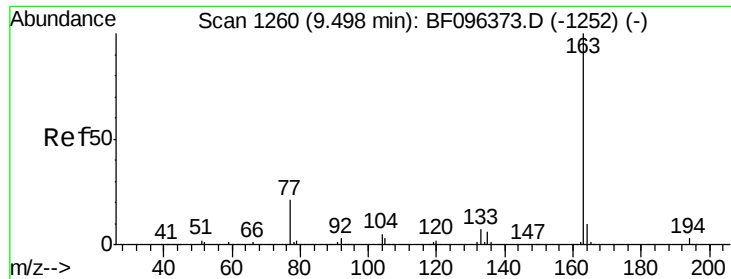
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#48
Acenaphthylene
Concen: 41.785 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.4	10.8	16.2





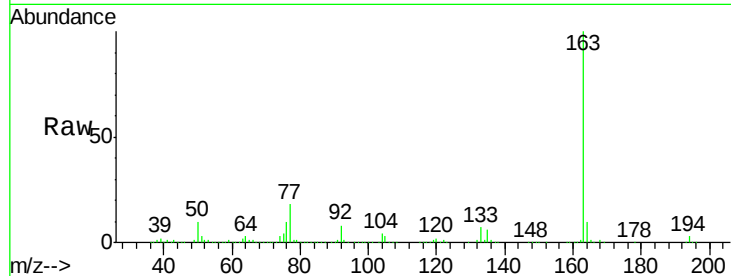
#49
Dimethylphthalate
Concen: 43.321 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

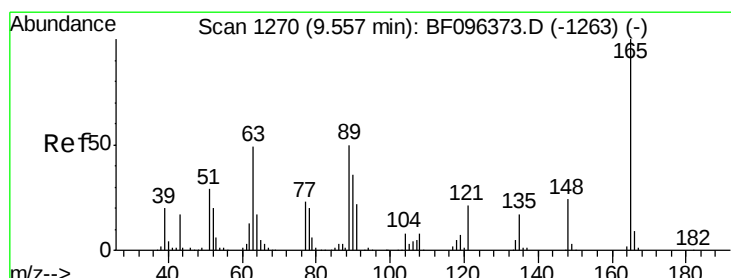
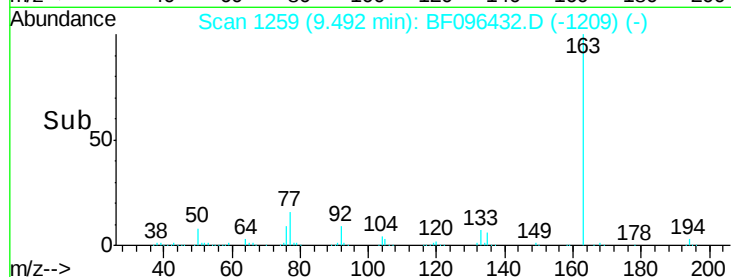
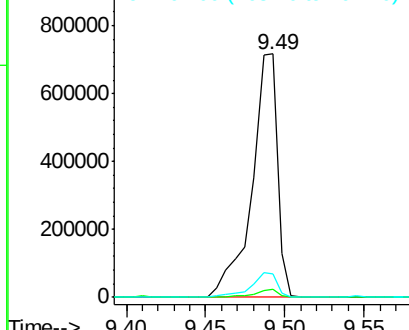
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6

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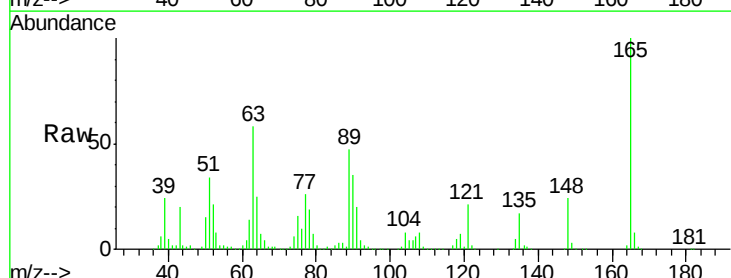


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

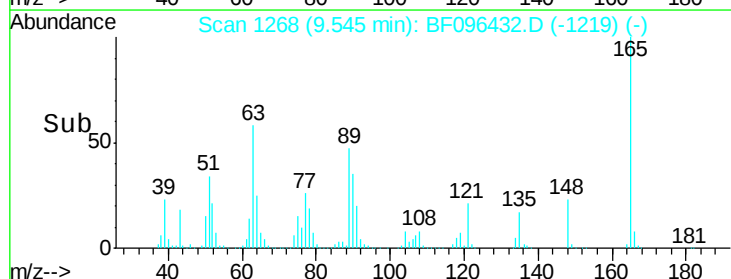
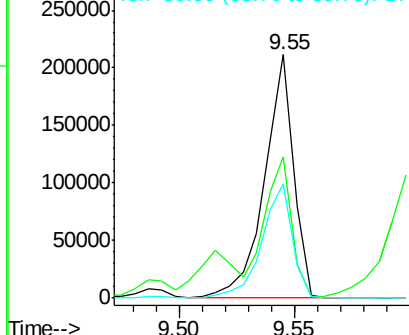


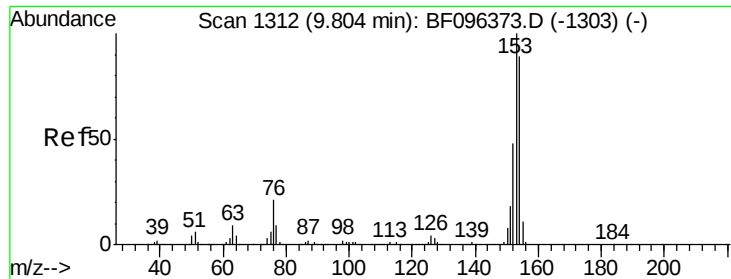
#50
2,6-Dinitrotoluene
Concen: 45.106 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.2	34.3	51.5#
89	46.7	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.769 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

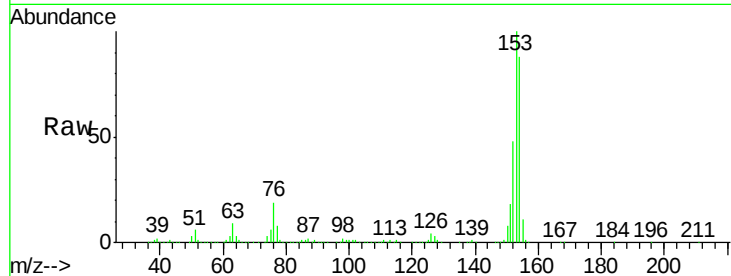
ClientSampleId :

PB100328BS

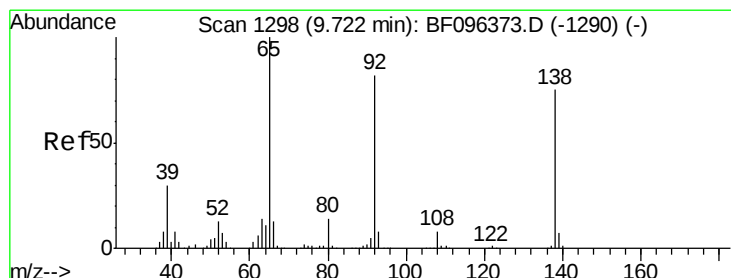
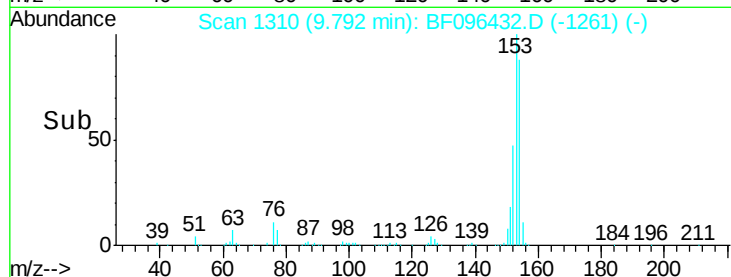
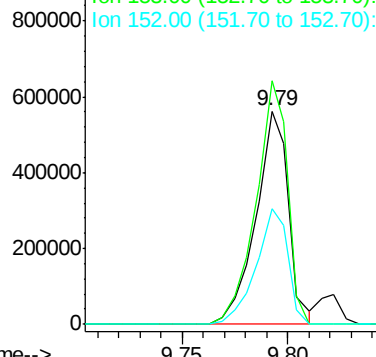
Tgt Ion:	154	Resp:	605303
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.5	135.7
152	54.3	43.6	65.4

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



#52

3-Nitroaniline

Concen: 30.326 ng

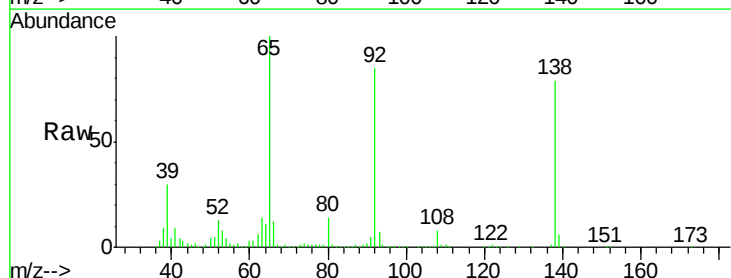
RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

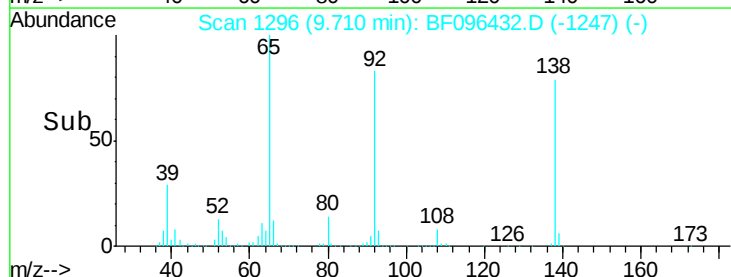
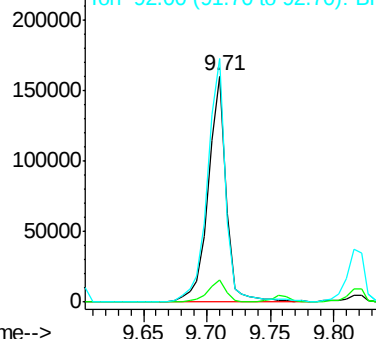
Lab File: BF096432.D

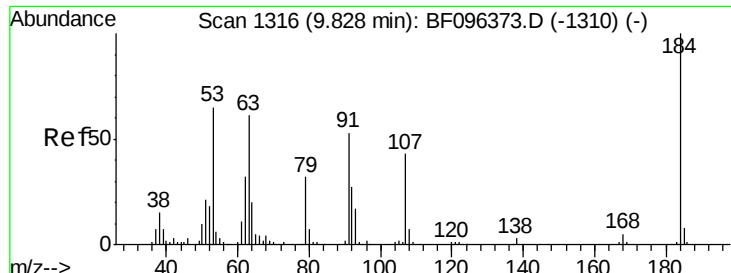
Acq: 3 Jul 2017 11:05

Tgt Ion:	138	Resp:	156315
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.1	13.7
92	107.7	93.8	140.6



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





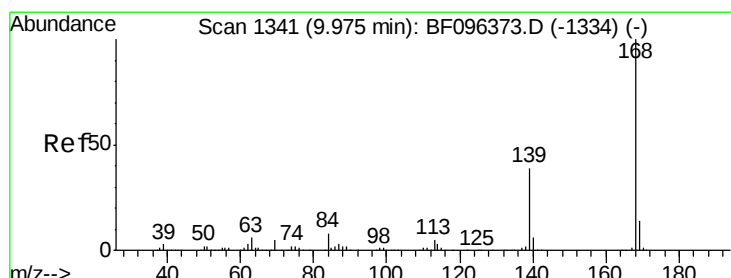
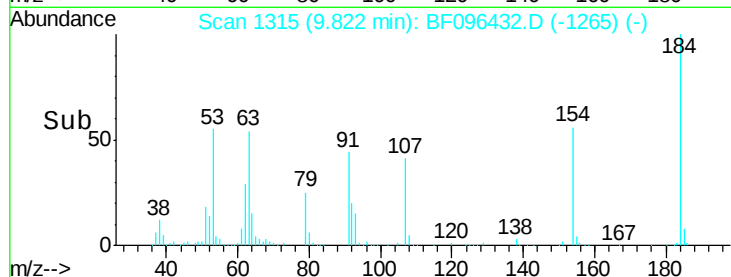
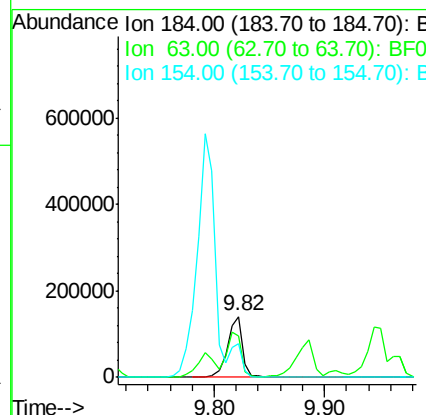
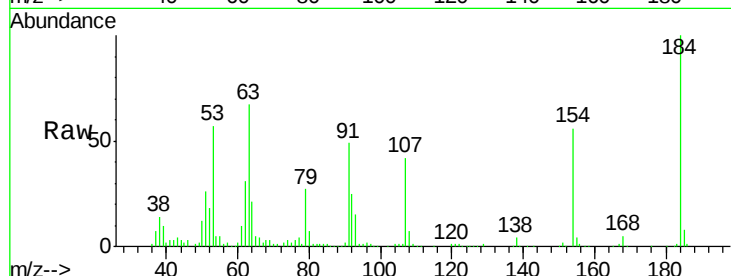
#53
2,4-Dinitrophenol
Concen: 61.332 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	134625		
63	67.0	62.7	94.1	
154	56.2	81.1	121.7#	

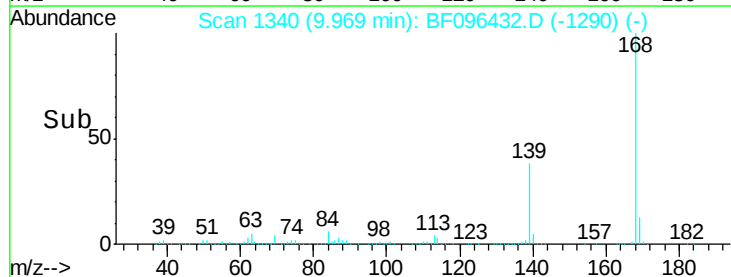
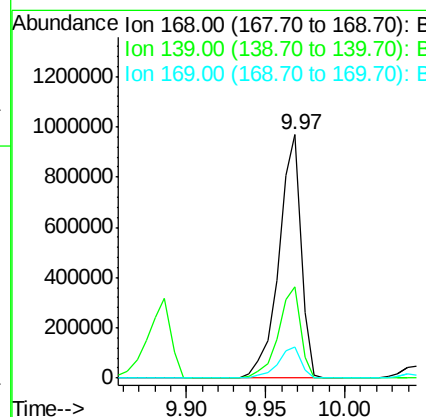
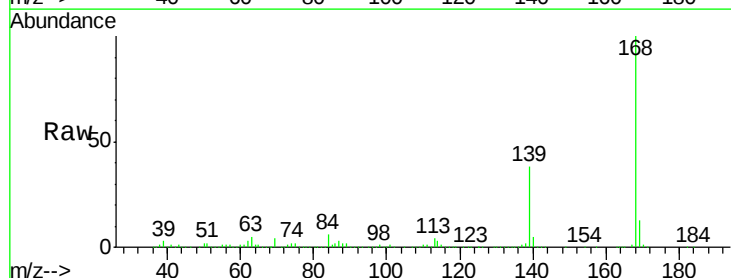
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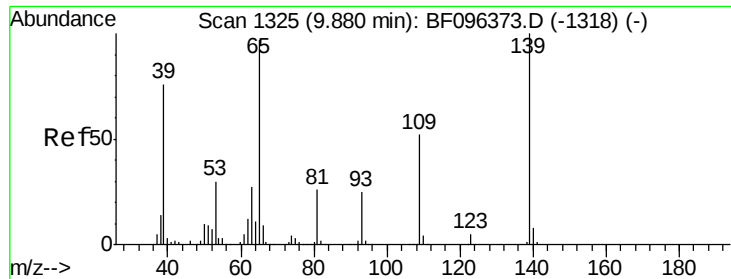
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#54
Dibenzofuran
Concen: 45.855 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	945239		
139	37.7	30.6	45.8	
169	13.0	10.8	16.2	





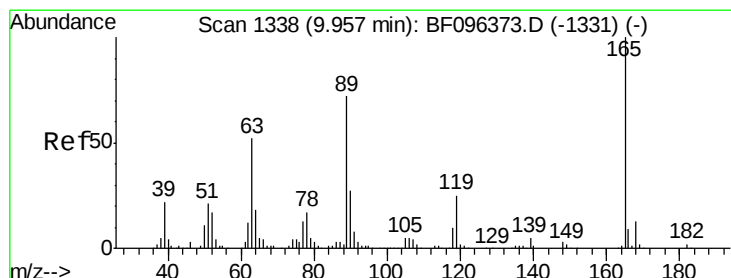
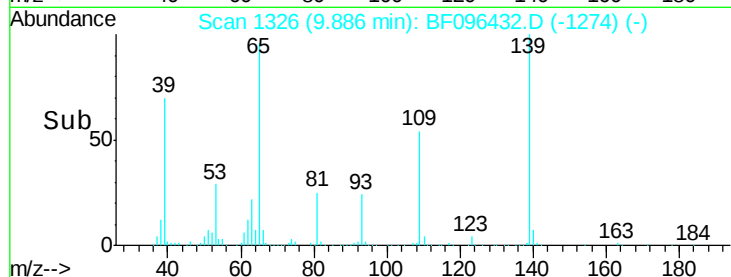
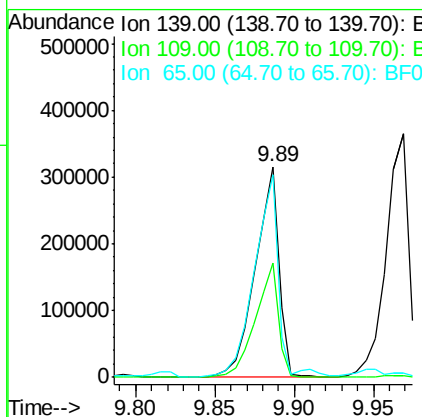
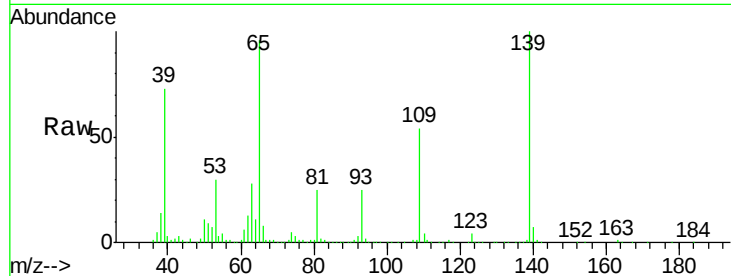
#55
4-Nitrophenol
Concen: 77.564 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	54.3	34.1	74.1
65	95.9	31.4	71.4

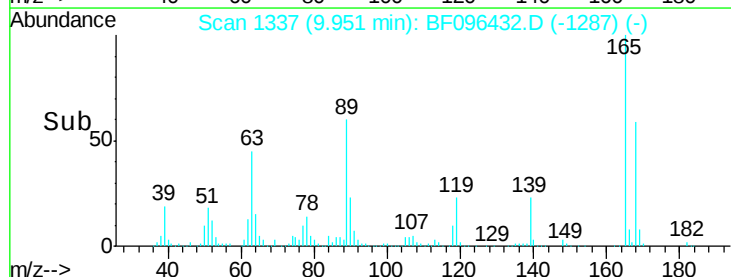
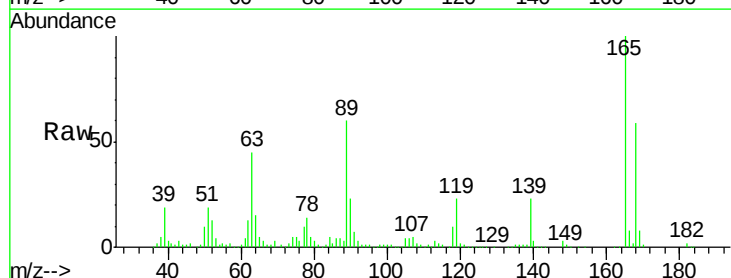
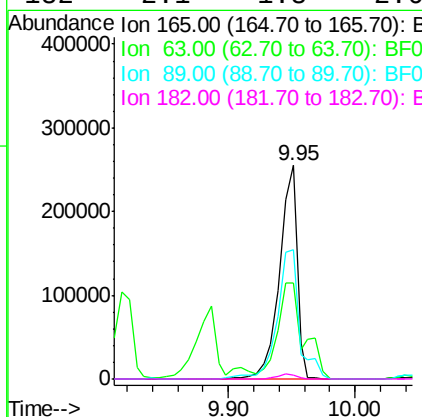
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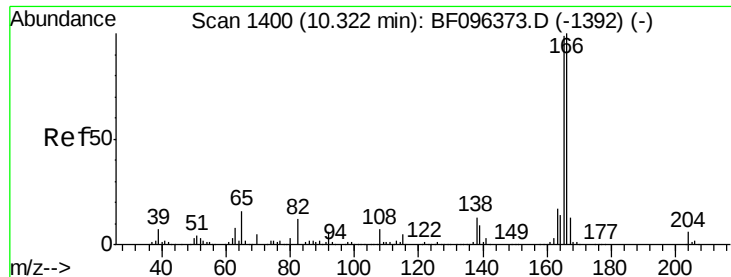
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.823 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.0	25.4	38.0
89	60.4	46.4	69.6
182	2.1	1.8	2.6





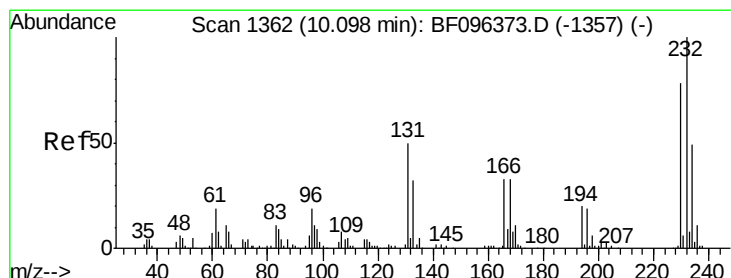
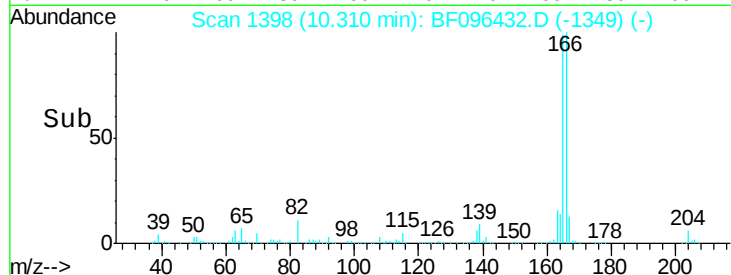
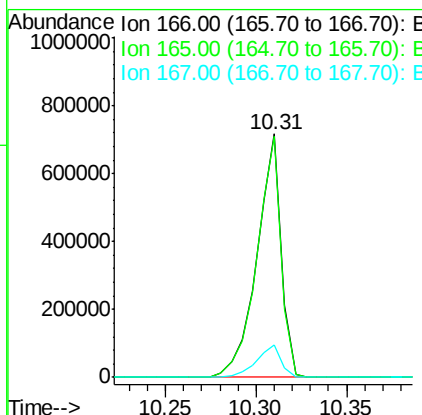
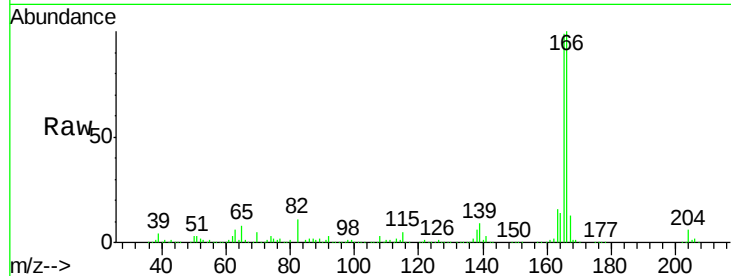
#57
Fluorene
Concen: 45.719 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	665608		
165	99.3	78.8	118.2	
167	13.3	10.6	16.0	

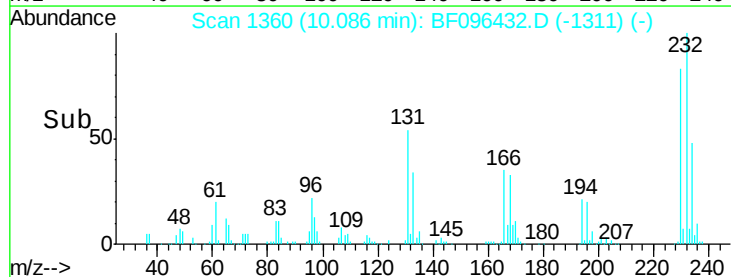
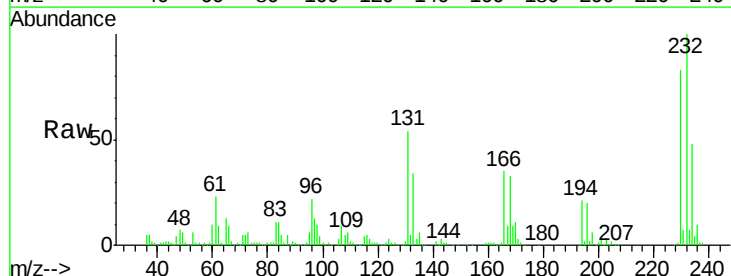
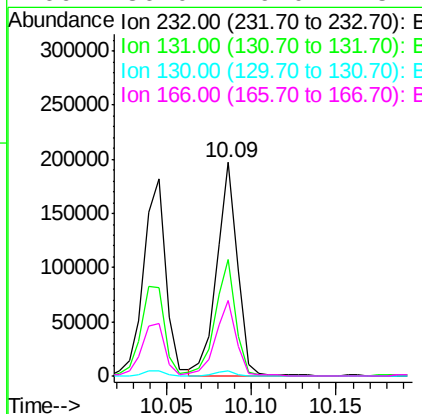
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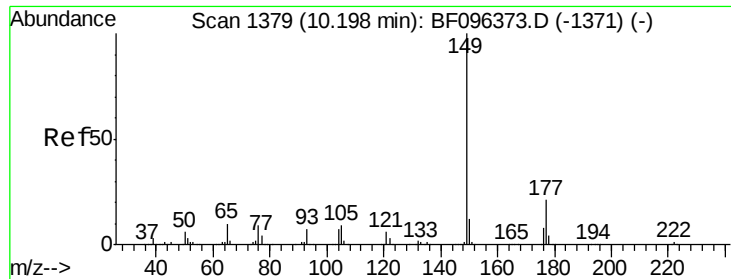
mohammad
7/5/2017 11:41:01 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.993 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	168824		
131	55.4	44.8	67.2	
130	2.6	2.3	3.5	
166	36.0	29.0	43.4	





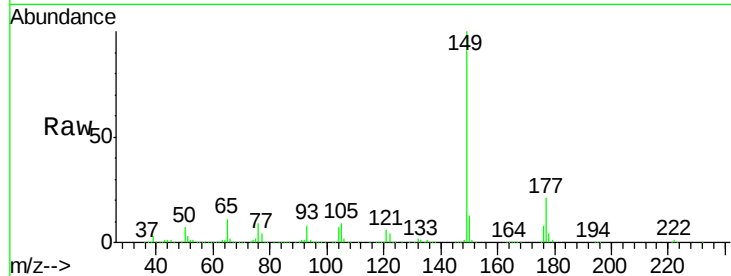
#59
Diethylphthalate
Concen: 45.205 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

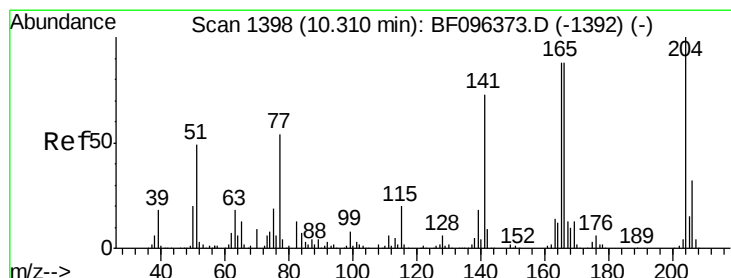
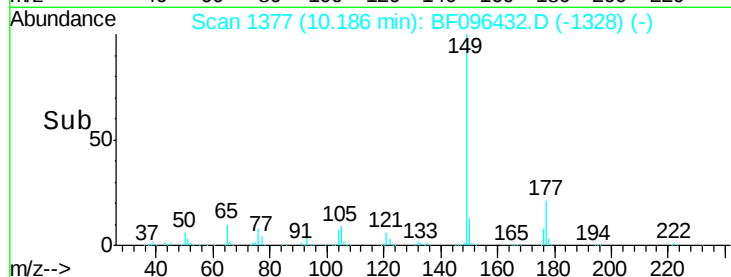
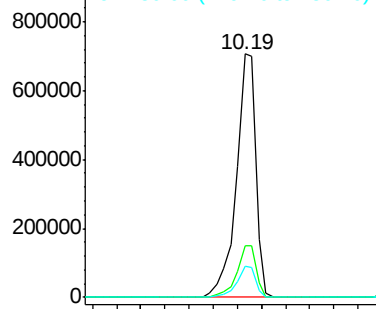
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	798528		
177	21.0	16.7	25.1	
150	12.7	10.2	15.2	

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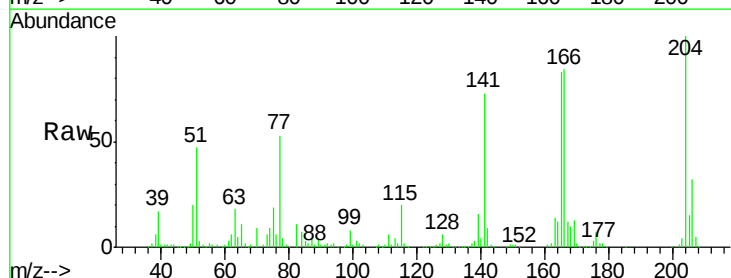


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

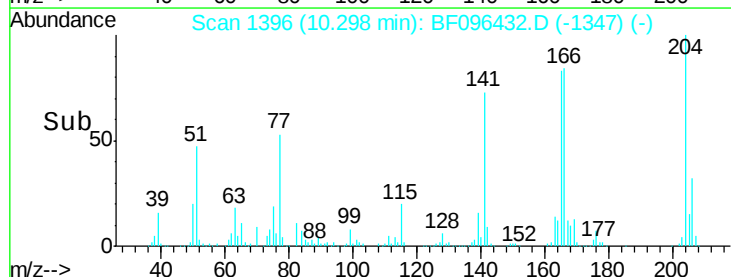
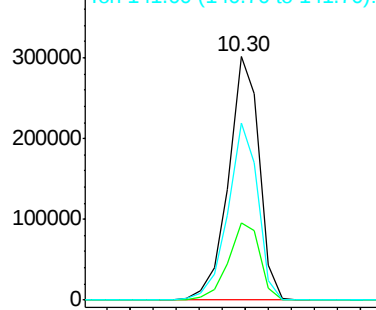


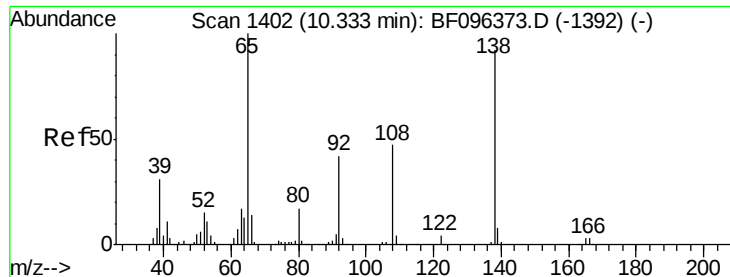
#60
4-Chlorophenyl-phenylether
Concen: 44.180 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	279853		
206	31.9	26.2	39.2	
141	72.6	60.8	91.2	



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





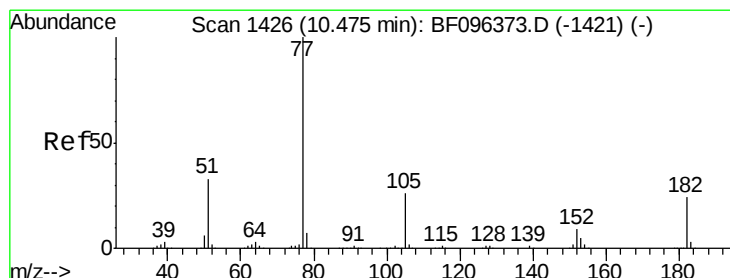
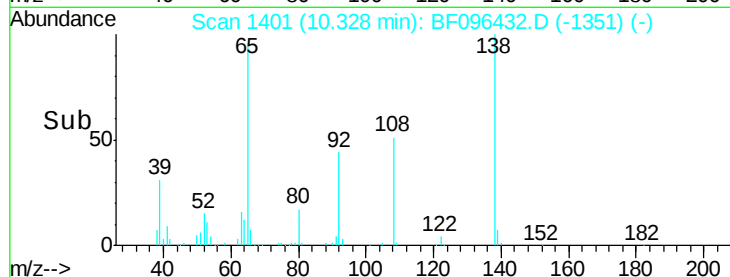
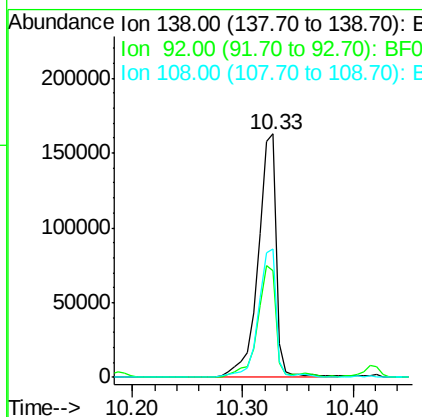
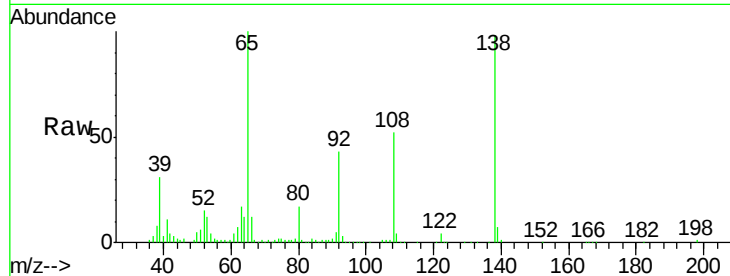
#61
4-Nitroaniline
Concen: 40.529 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	189955		
92	44.0	21.8	61.8	
108	52.6	42.3	82.3	

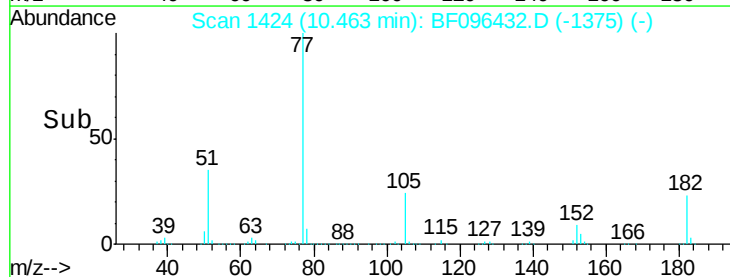
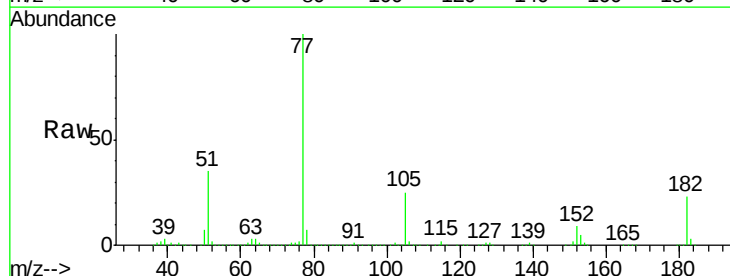
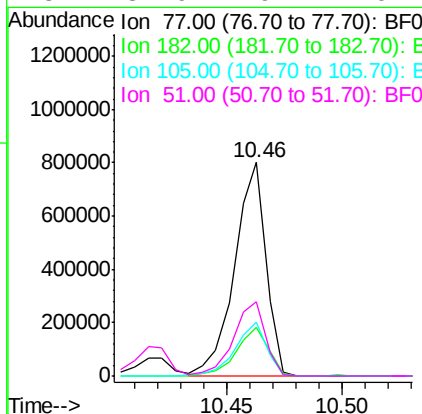
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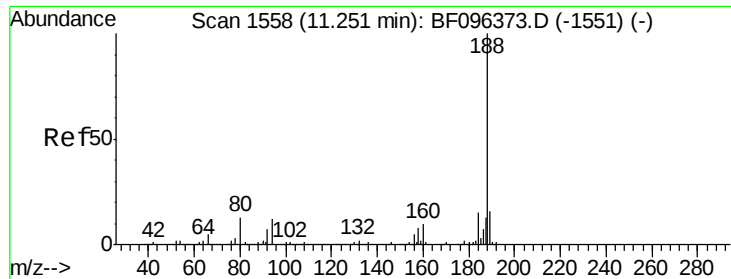
mohammad
7/5/2017 11:41:01 AM



#62
Azobenzene
Concen: 44.400 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	758372		
182	23.1	0.1	40.1	
105	25.5	3.6	43.6	
51	34.9	9.4	49.4	





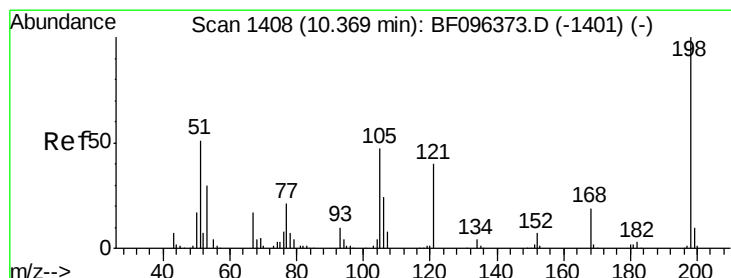
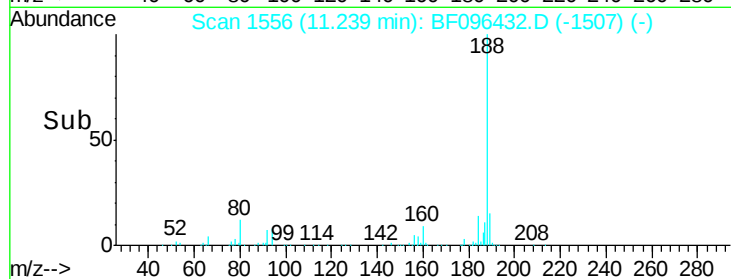
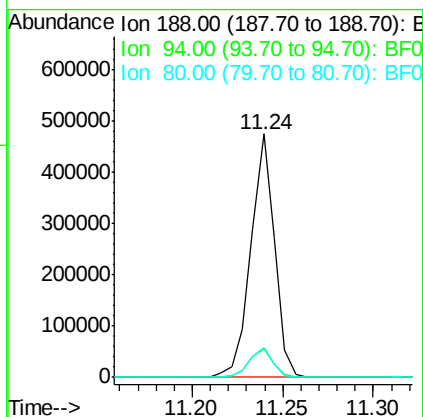
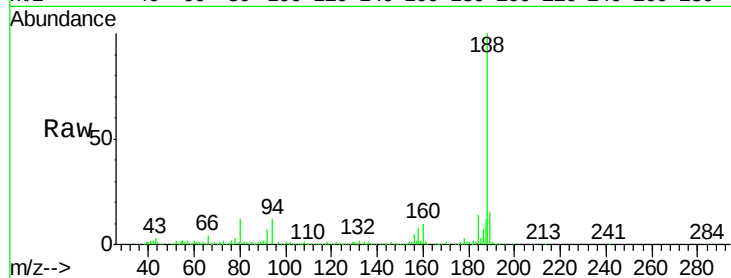
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	429153		
94	12.0		9.4	14.2
80	12.4		10.2	15.2

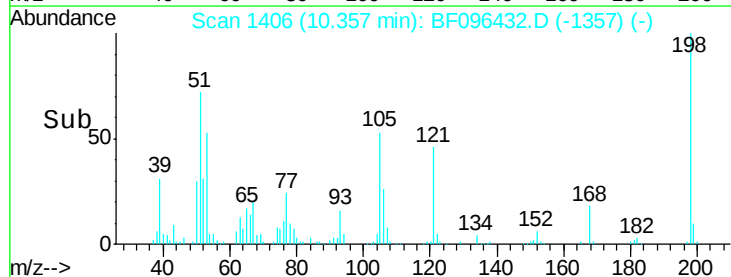
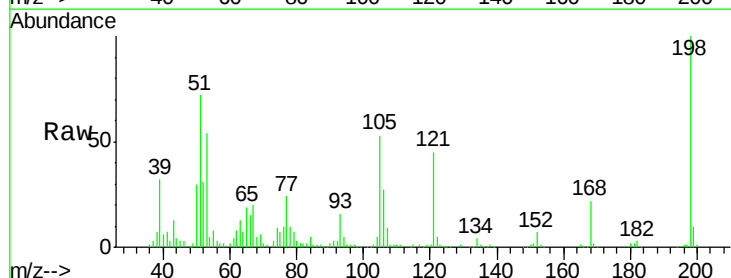
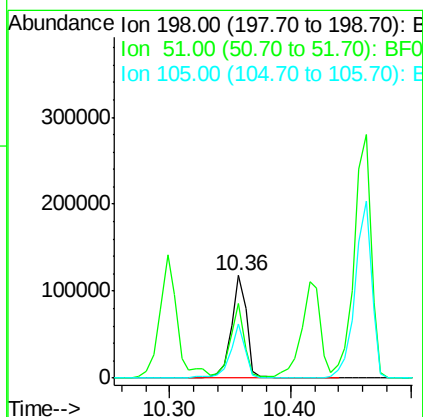
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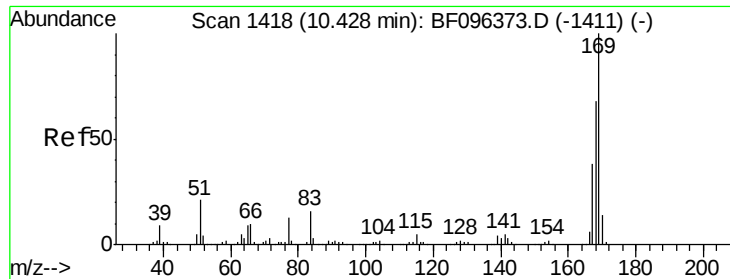
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.623 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	105434		
51	72.3		53.2	93.2
105	52.5		45.8	85.8





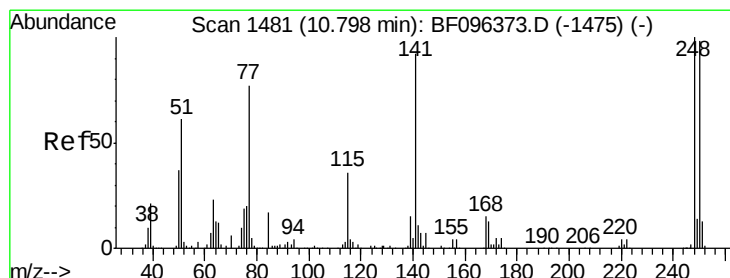
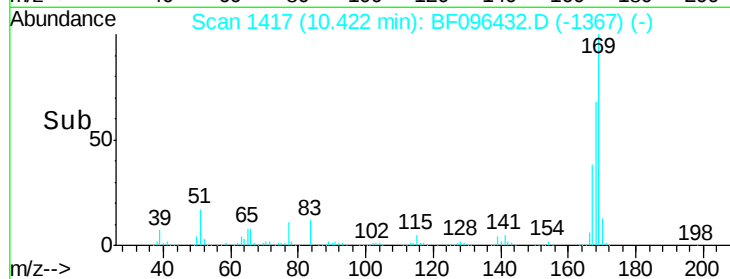
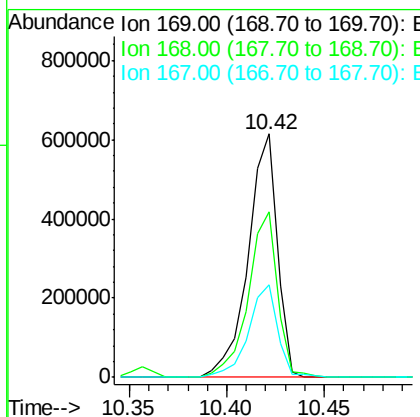
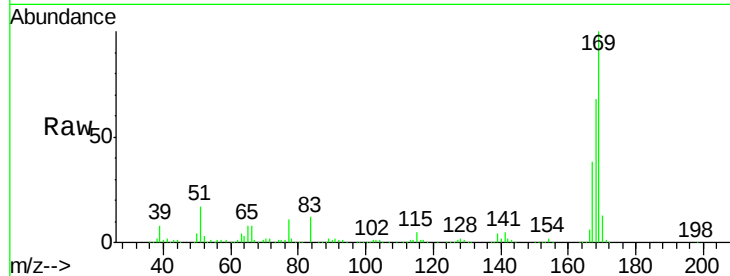
#65
 n-Nitrosodiphenylamine
 Concen: 42.436 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	638979		
168	68.1	53.2	79.8	
167	37.9	29.5	44.3	

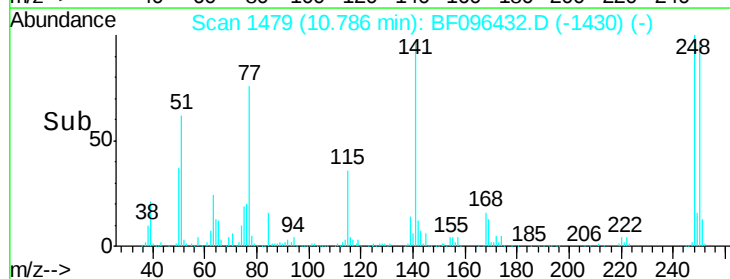
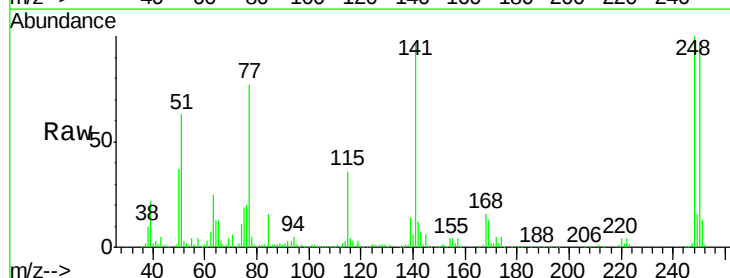
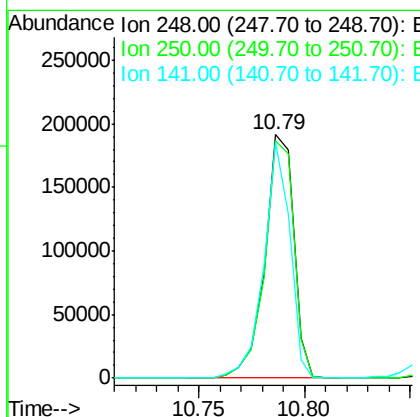
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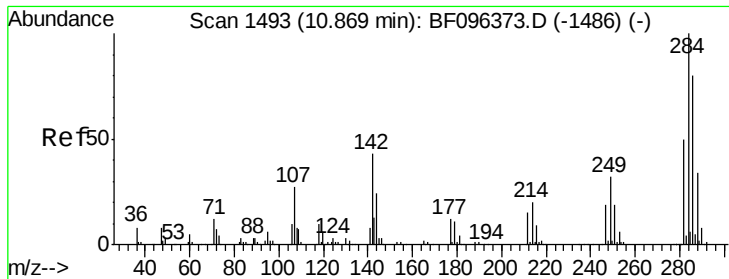
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#66
 4-Bromophenyl-phenylether
 Concen: 43.982 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	183742		
250	97.4	76.8	115.2	
141	97.1	68.6	103.0	





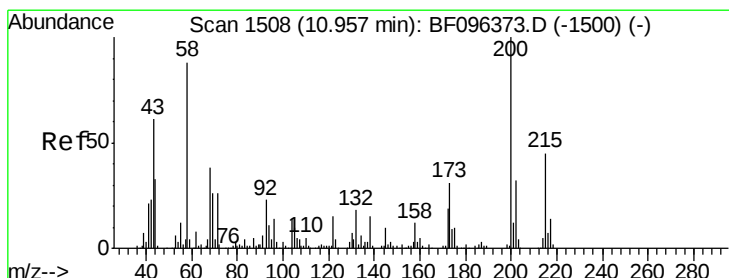
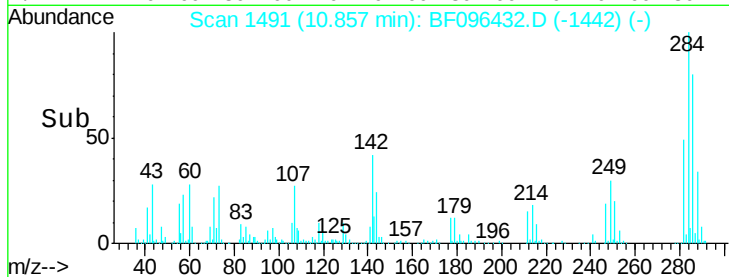
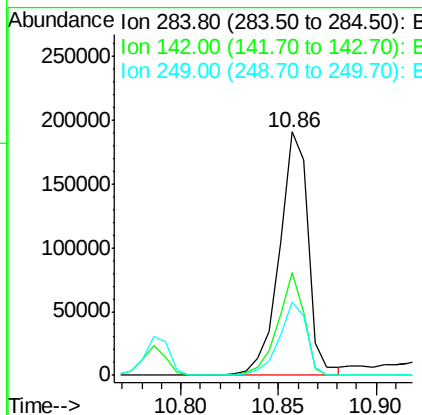
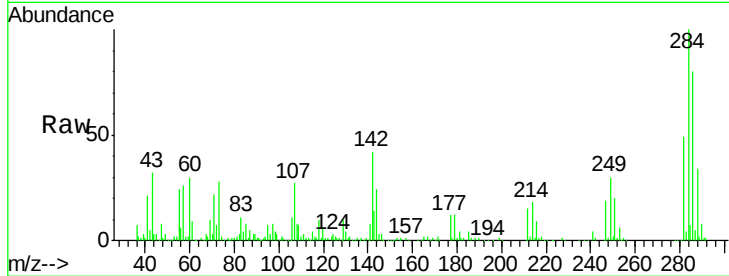
#67
Hexachlorobenzene
Concen: 42.808 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	195768		
142	42.3	22.8	34.2#	
249	30.0	24.0	36.0	

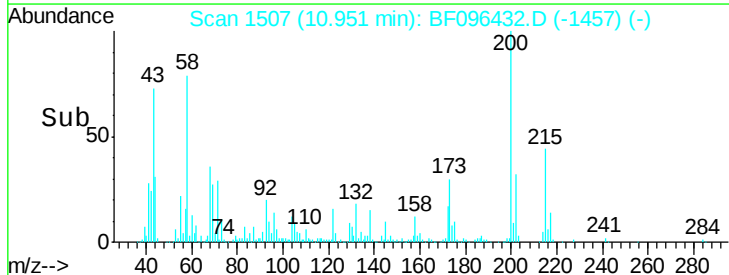
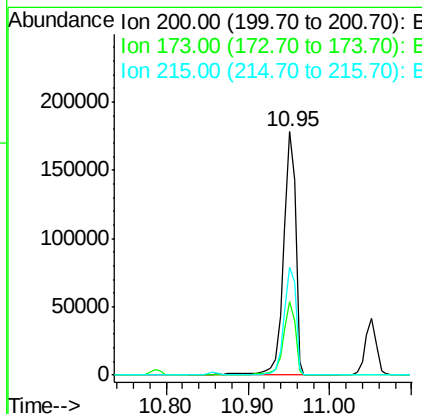
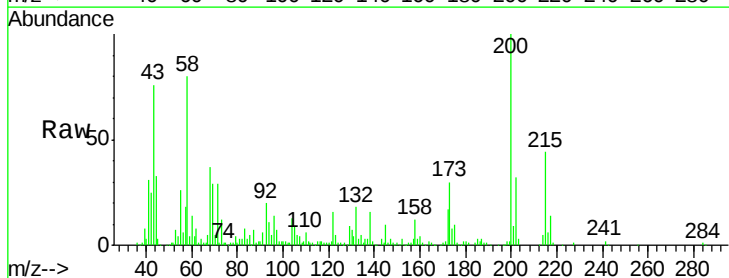
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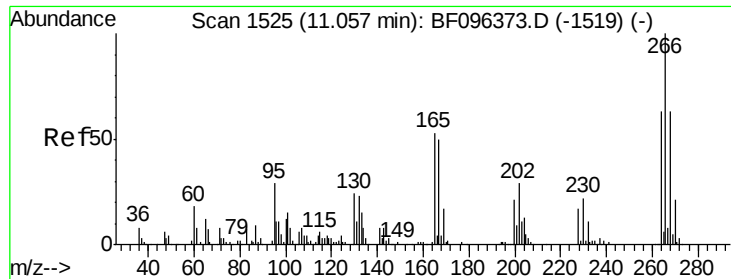
mohammad
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#68
Atrazine
Concen: 42.379 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	182306		
173	30.4	6.3	46.3	
215	44.2	27.2	67.2	





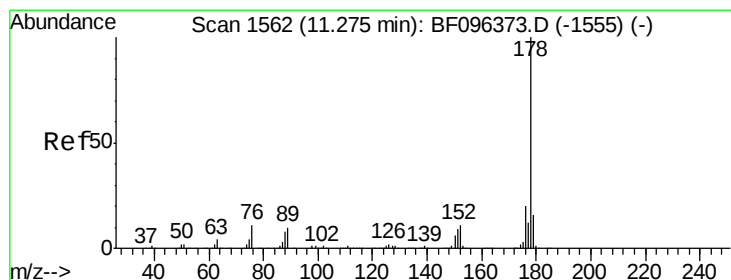
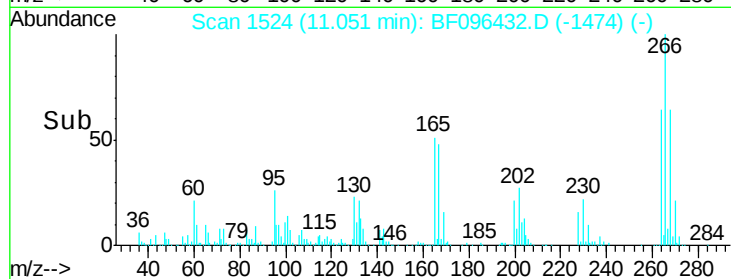
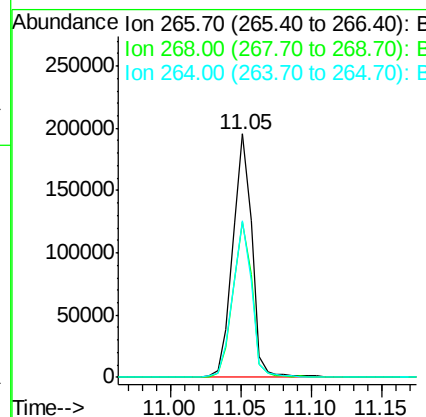
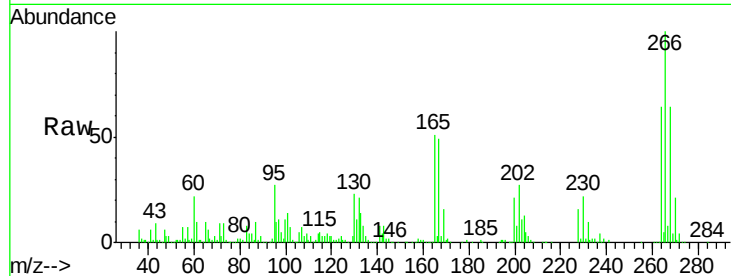
#69
 Pentachlorophenol
 Concen: 68.284 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	64.3	51.7	77.5

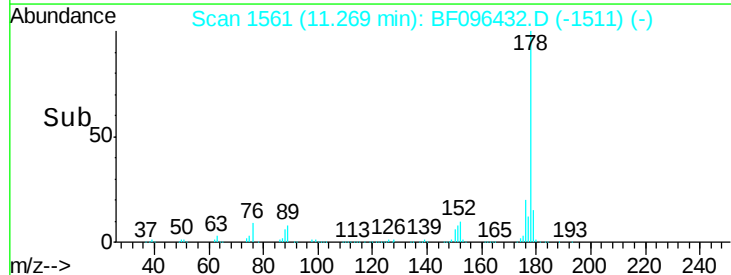
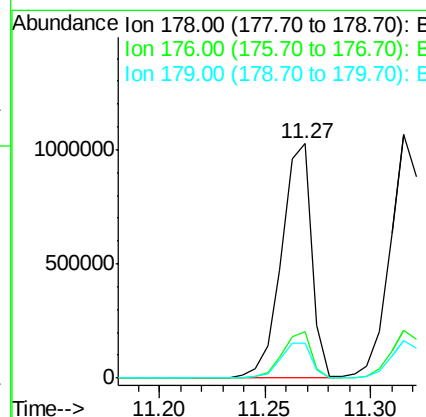
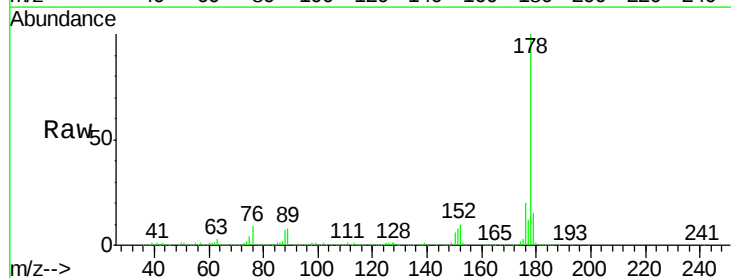
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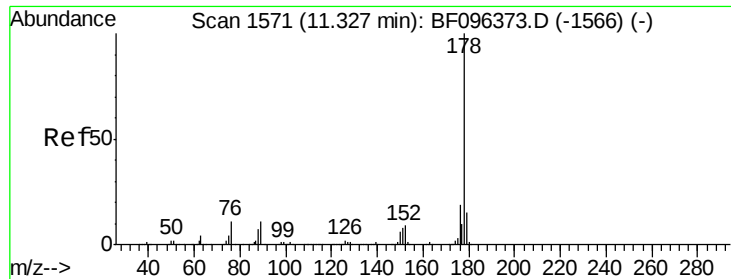
mohammad
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#70
 Phenanthrene
 Concen: 44.196 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.0	12.6	19.0





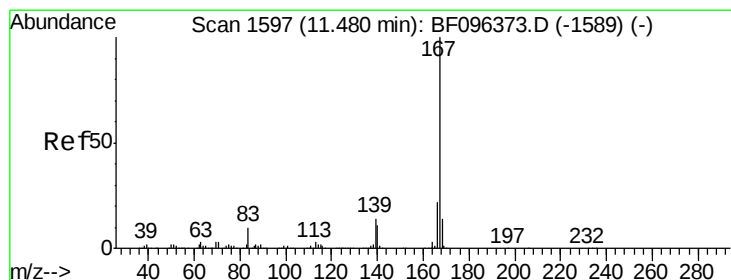
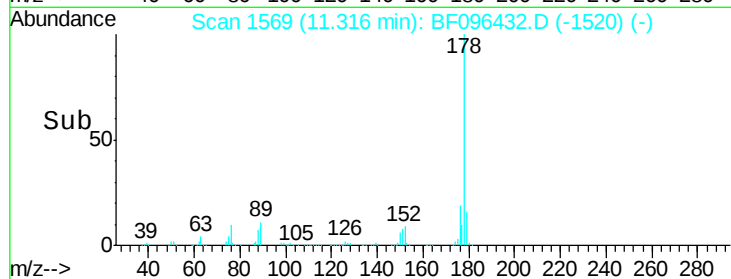
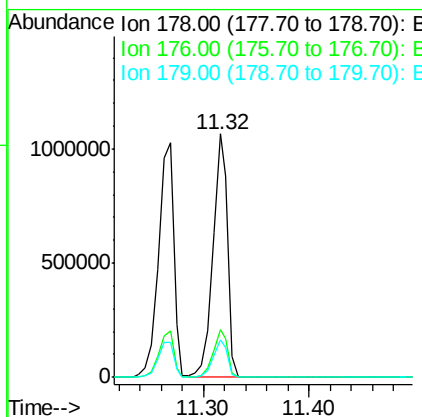
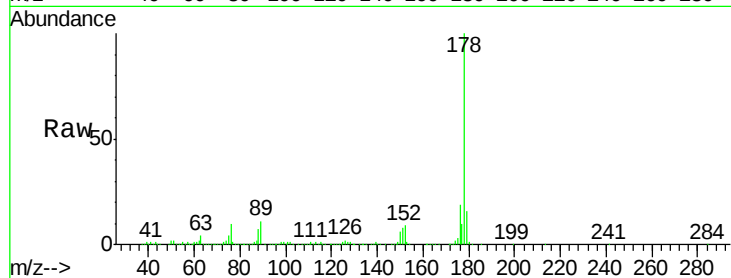
#71
 Anthracene
 Concen: 44.306 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion:178 Resp: 1047427
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 12.7 19.1

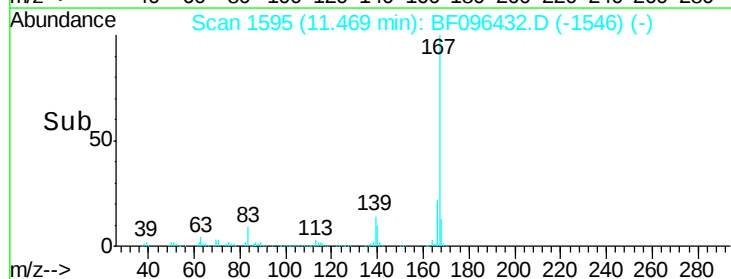
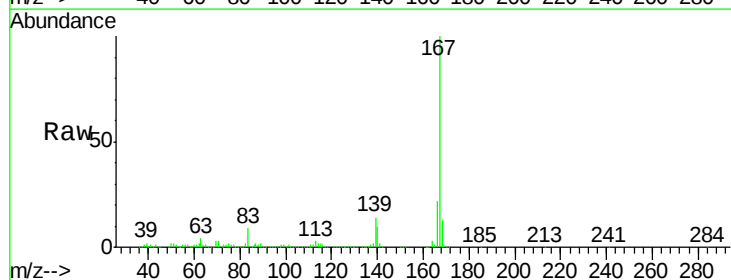
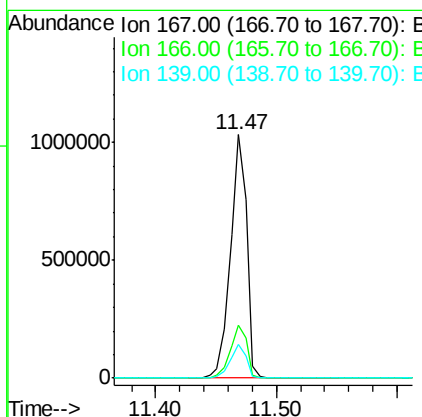
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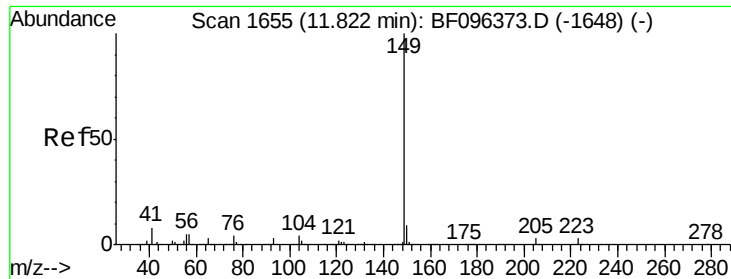
mohammad
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#72
 Carbazole
 Concen: 40.914 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:167 Resp: 972730
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.393 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

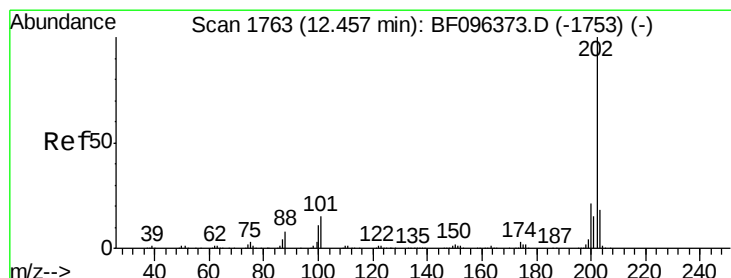
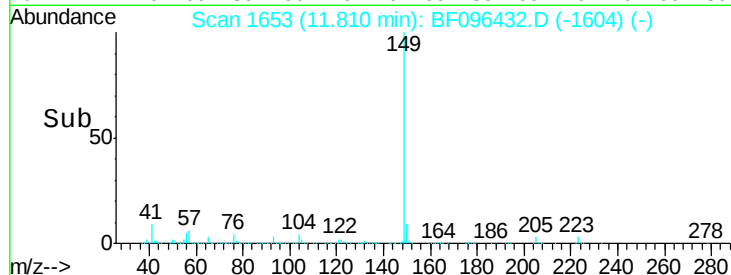
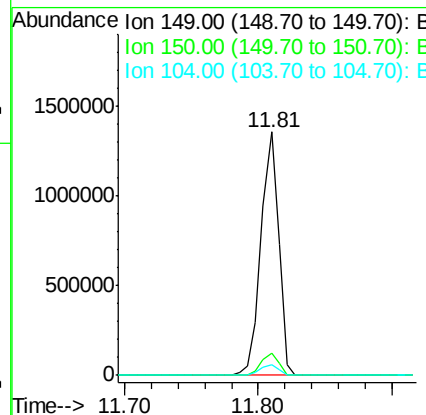
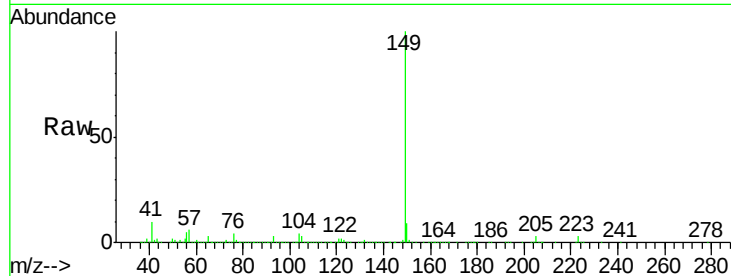
ClientSampleId :

PB100328BS

Tgt Ion:	149	Resp:	1220766
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 43.395 ng

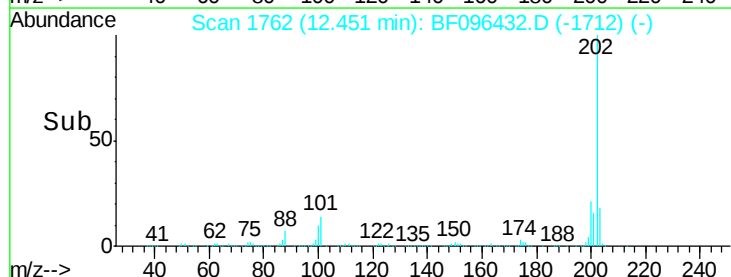
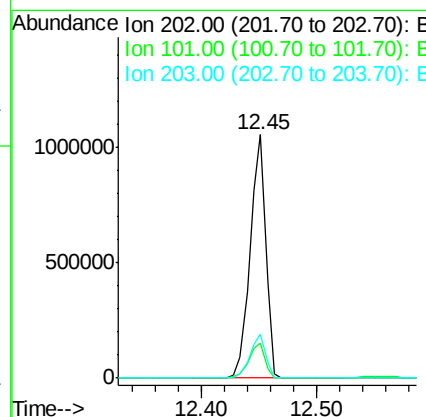
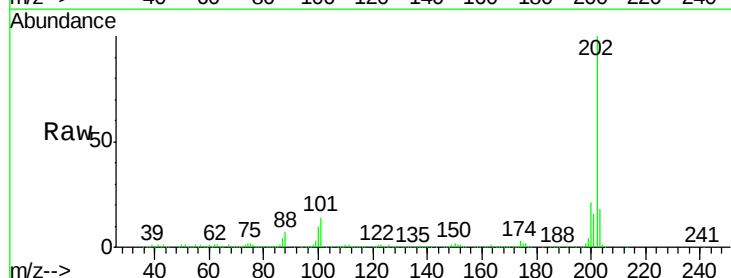
RT: 12.45 min Scan# 1762

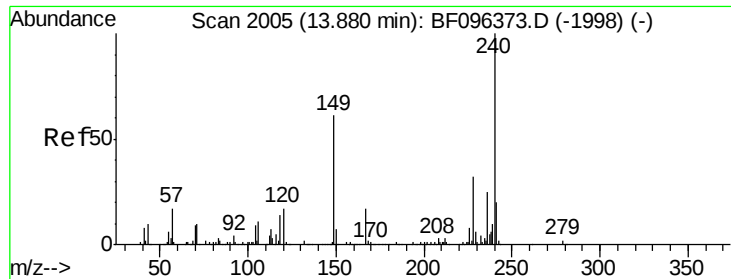
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:	202	Resp:	987031
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

PB100328BS

Tgt Ion:240 Resp: 242200
Ion Ratio Lower Upper

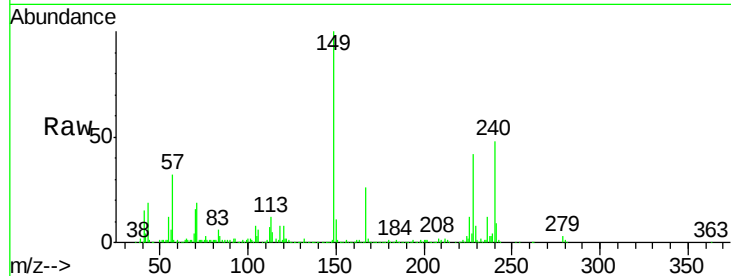
240 100

120 16.8 5.8 8.8#

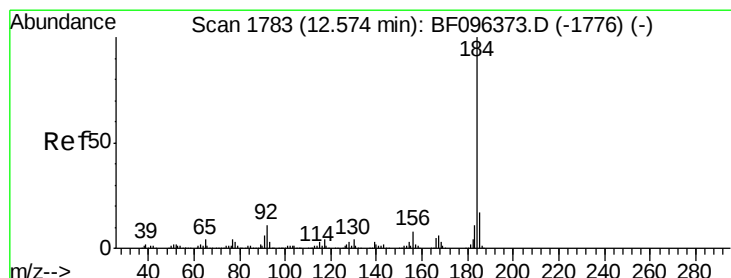
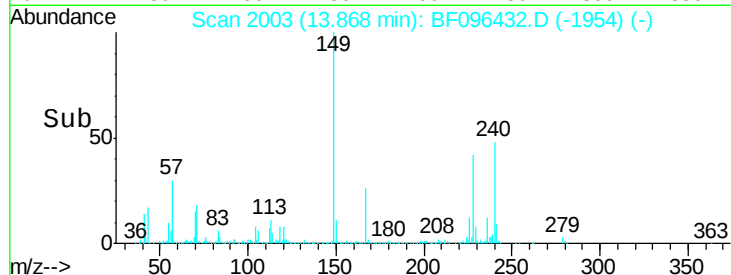
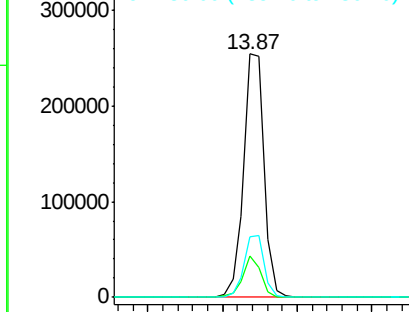
236 25.0 20.5 30.7

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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: 5.533 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096432.D

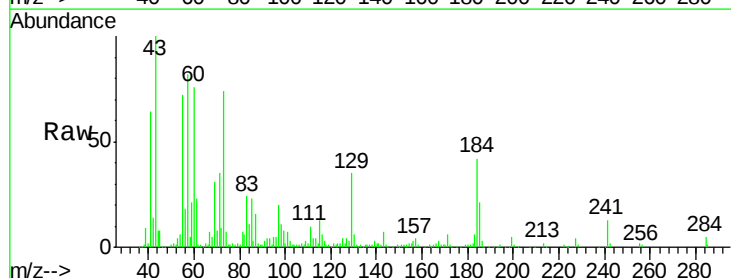
Acq: 3 Jul 2017 11:05

Tgt Ion:184 Resp: 64305
Ion Ratio Lower Upper

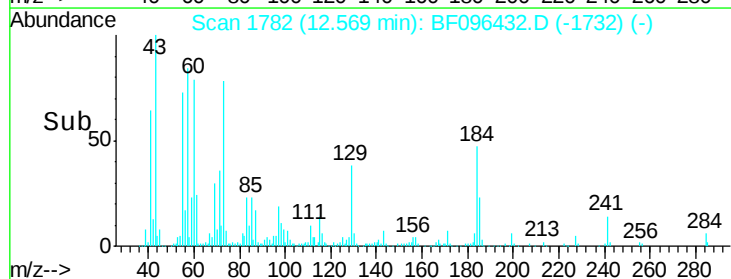
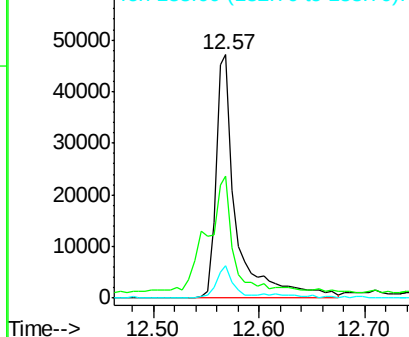
184 100

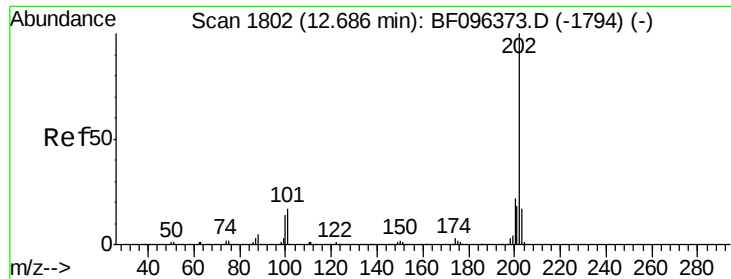
185 50.1 15.5 23.3#

183 13.2 9.8 14.6



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: 52.263 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

PB100328BS

Tgt Ion:202 Resp: 1016035

Ion Ratio Lower Upper

202 100

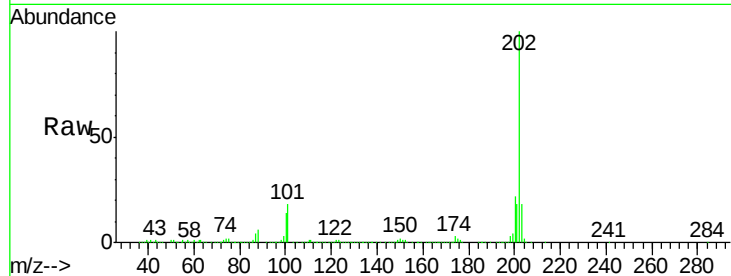
200 22.4 17.6 26.4

203 17.8 14.4 21.6

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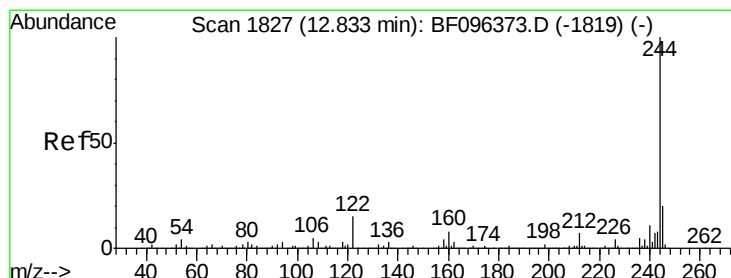
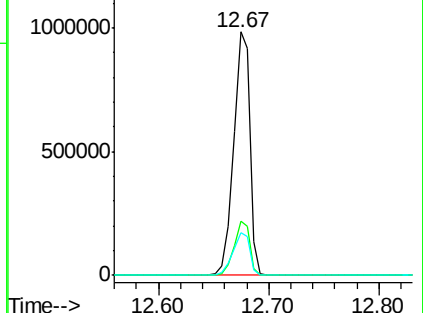
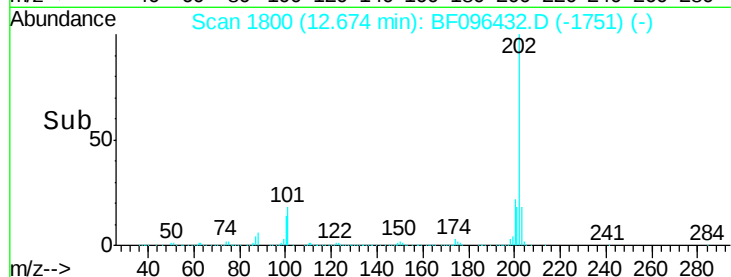
7/5/2017 11:41:01 AM



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: 88.978 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

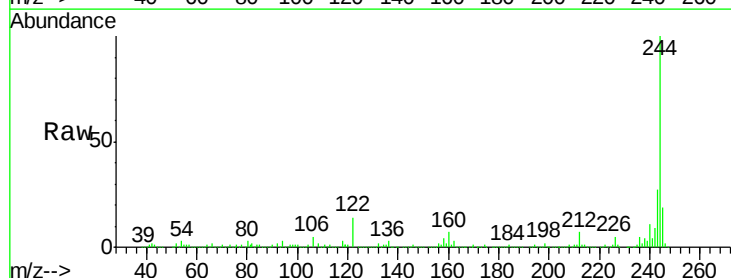
Tgt Ion:244 Resp: 1008520

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

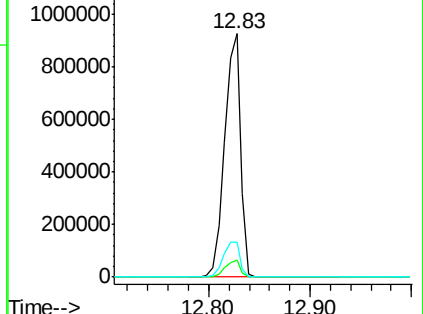
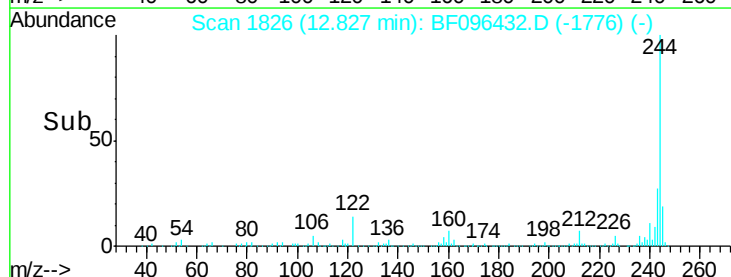
122 14.1 10.3 15.5

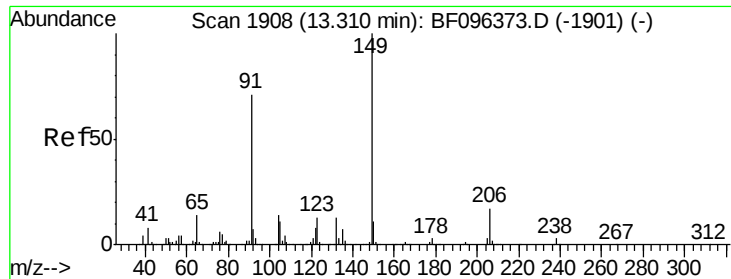


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





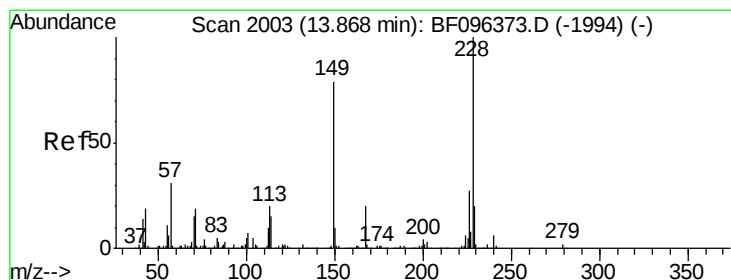
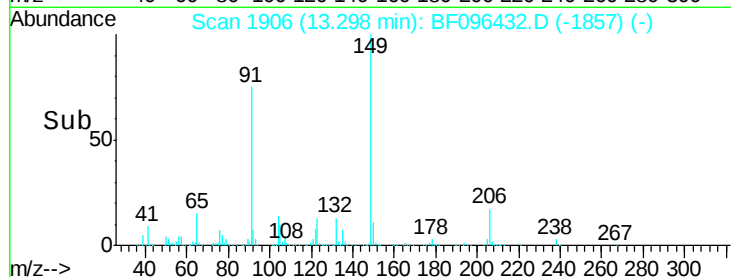
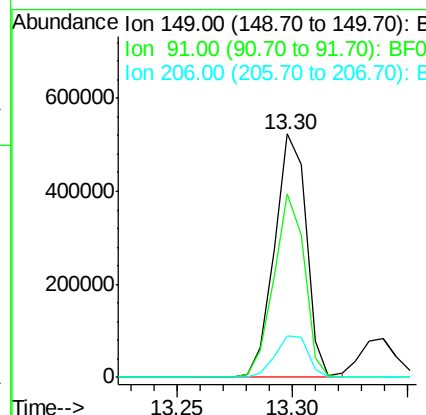
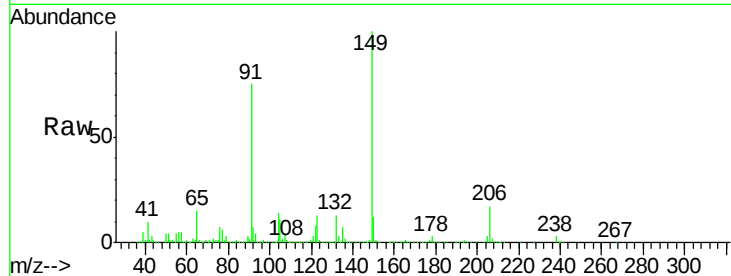
#79
Butylbenzylphthalate
Concen: 50.743 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	499373		
91	75.3	45.0	67.4#	
206	16.9	17.0	25.6#	

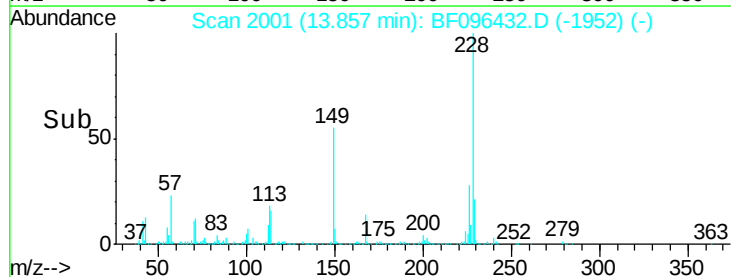
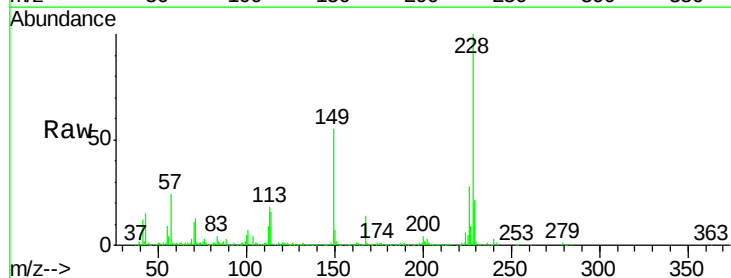
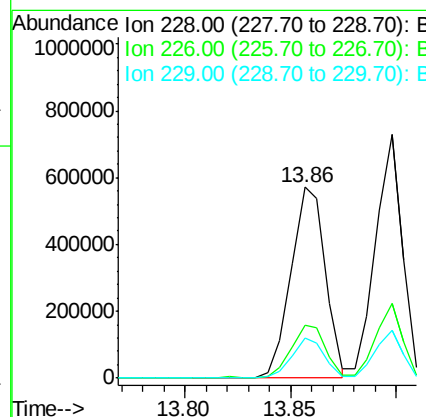
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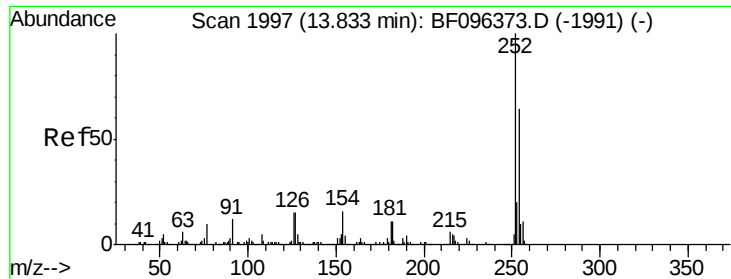
mohammad
7/5/2017 11:41:01 AM



#80
Benzo(a)anthracene
Concen: 46.105 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	646646		
226	27.9	22.6	33.8	
229	20.8	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 31.760 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

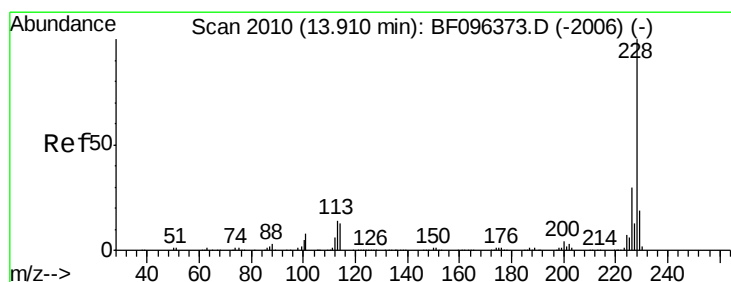
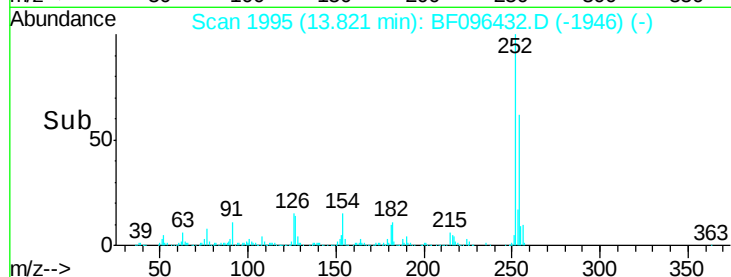
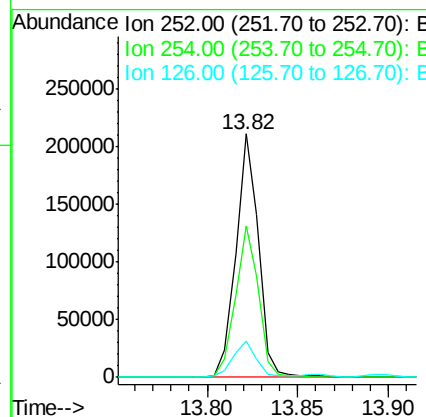
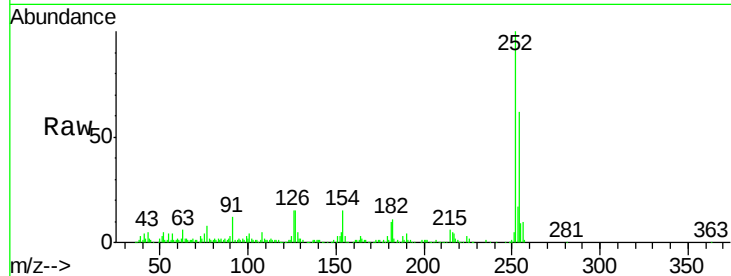
ClientSampleId :

PB100328BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.2	51.5	77.3
126	14.8	15.8	23.8

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#82

Chrysene

Concen: 44.280 ng

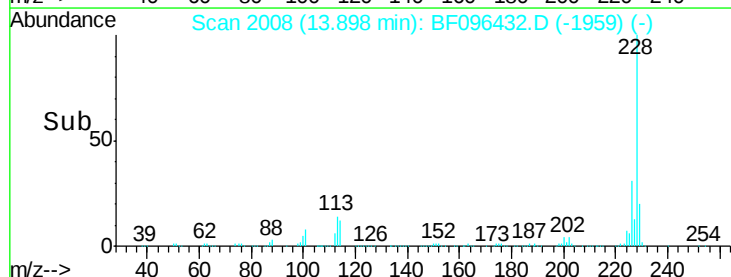
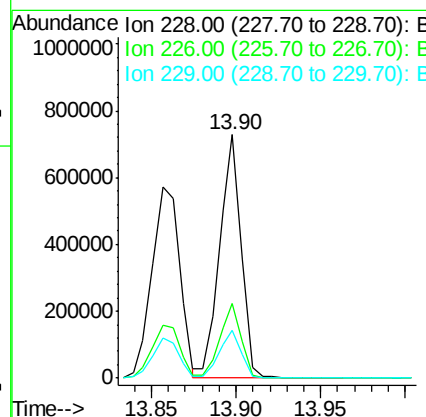
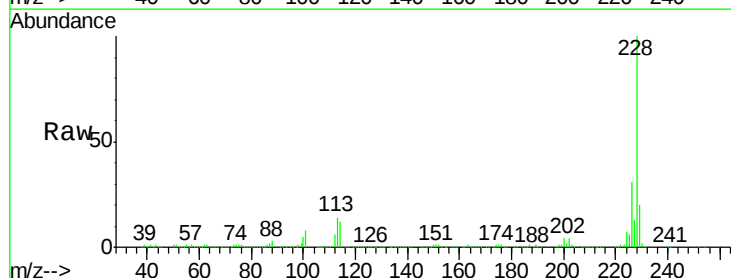
RT: 13.90 min Scan# 2008

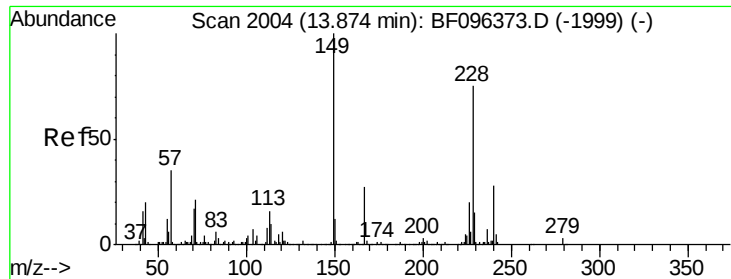
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.9	37.3
229	19.5	15.8	23.6





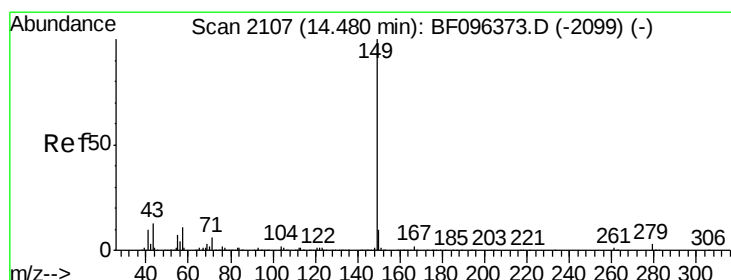
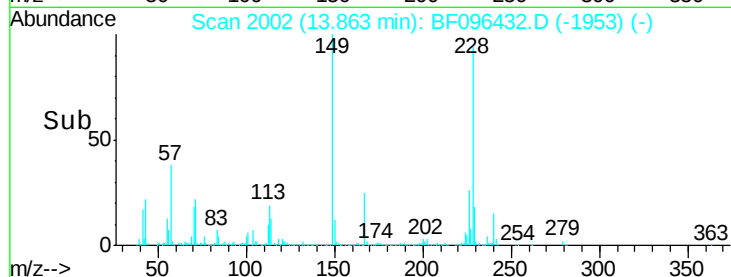
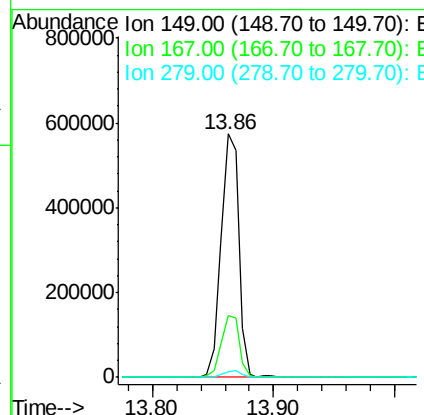
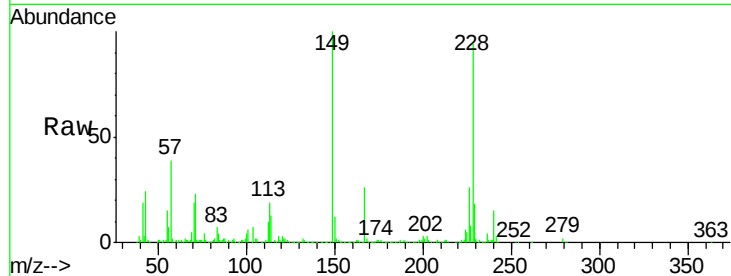
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.312 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	574648		
167	25.5	21.0	31.4	
279	2.5	1.9	2.9	

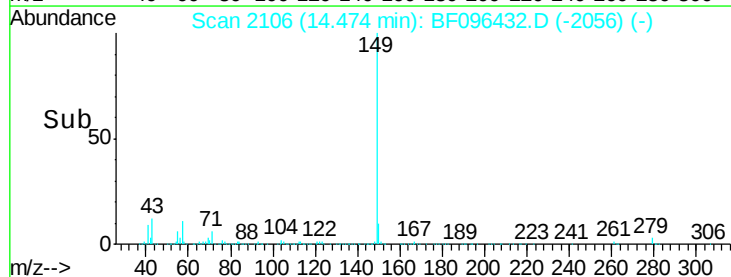
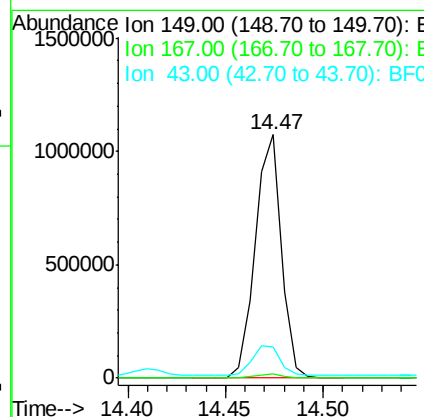
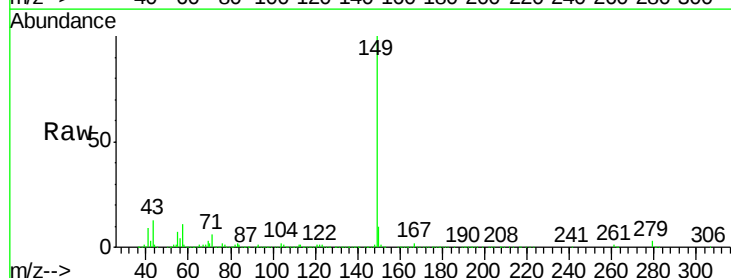
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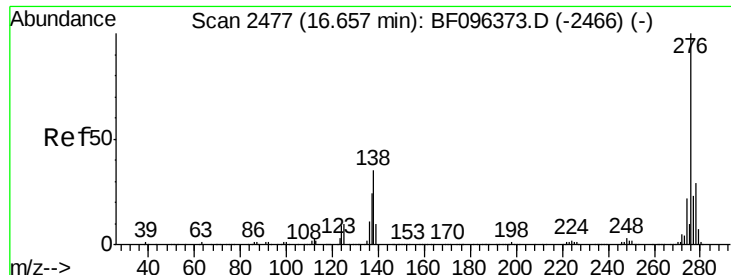
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 45.811 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	991007		
167	1.9	1.2	1.8#	
43	13.1	8.5	12.7#	





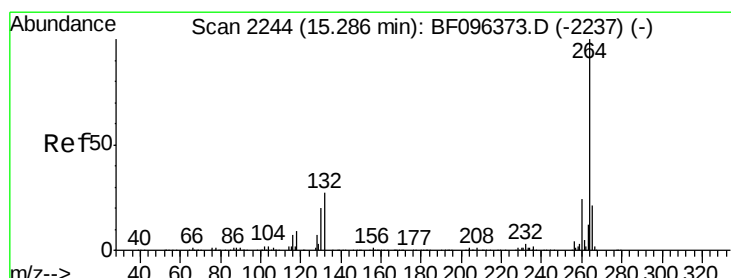
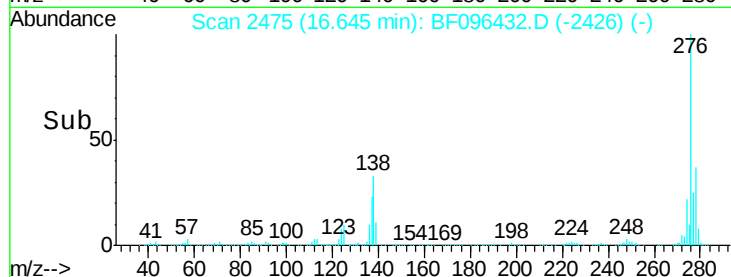
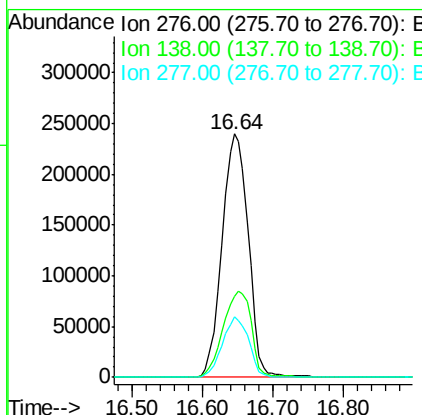
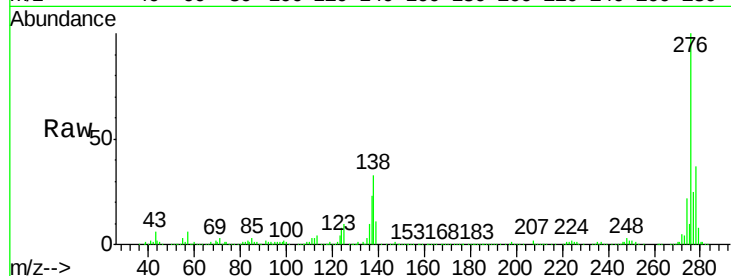
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.441 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.3	27.8	41.6
277	24.8	20.2	30.4

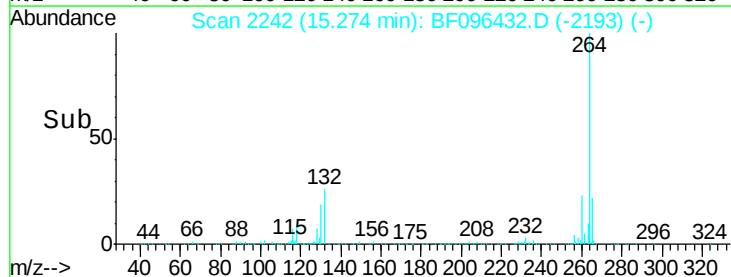
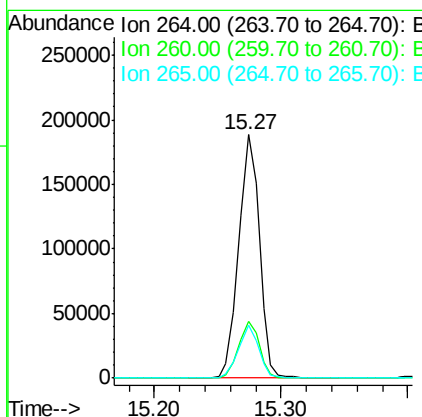
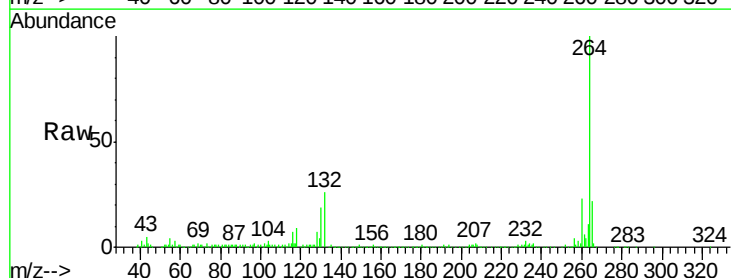
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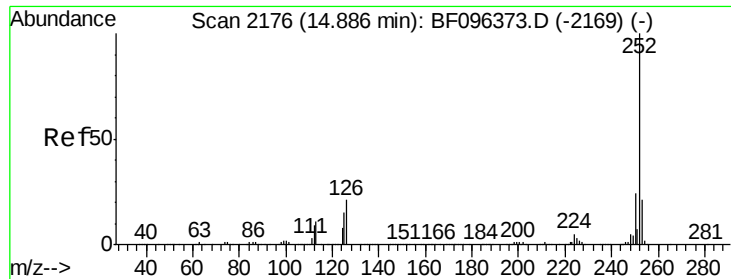
mohammad
 7/5/2017 11:41:01 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.0	17.2	25.8





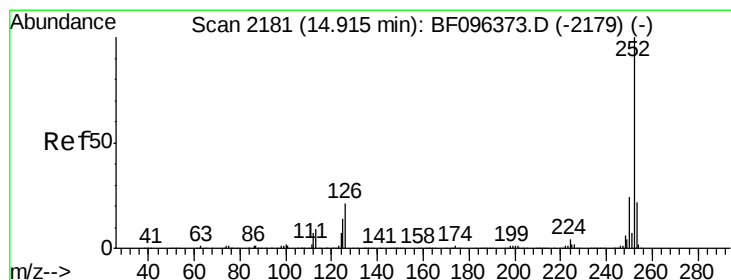
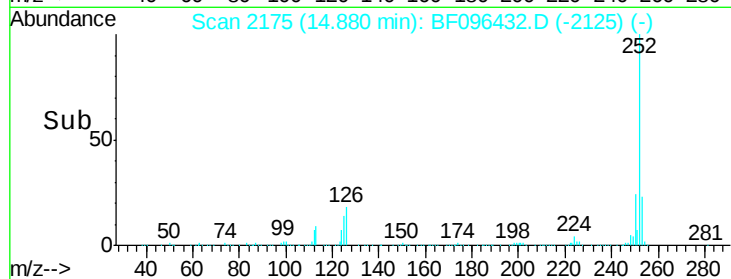
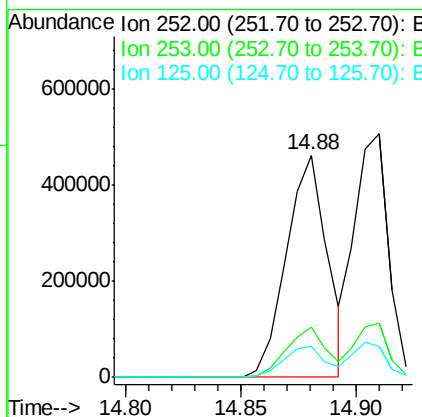
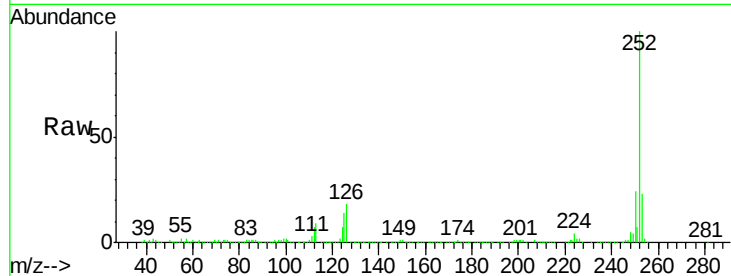
#87
Benzo(b)fluoranthene
Concen: 42.456 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :
PB100328BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.7	9.8	14.8

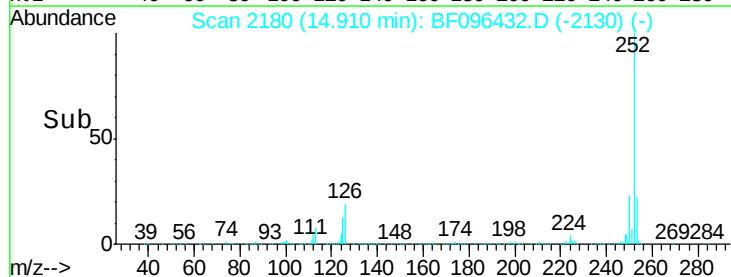
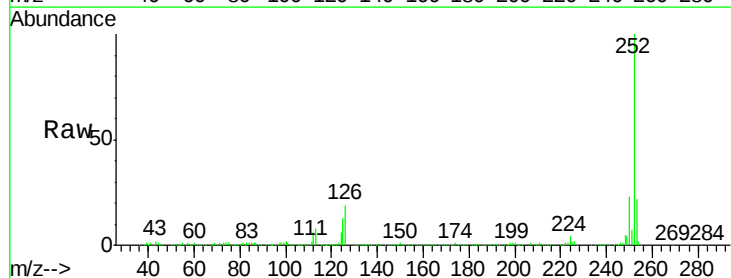
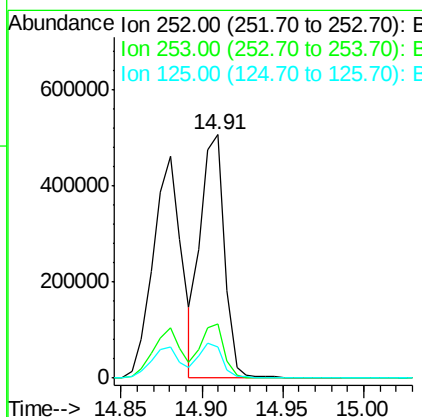
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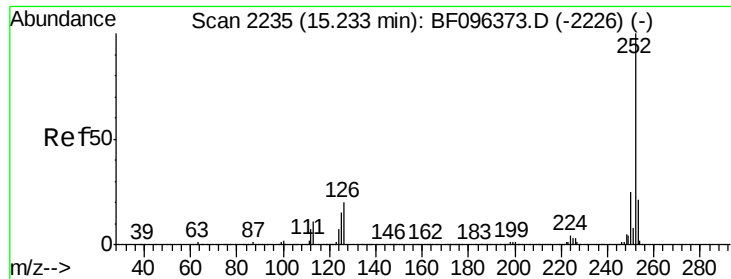
mohammad
7/5/2017 11:41:01 AM



#88
Benzo(k)fluoranthene
Concen: 43.866 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	12.8	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 44.496 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

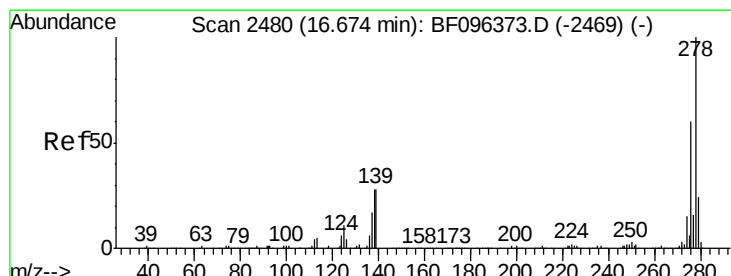
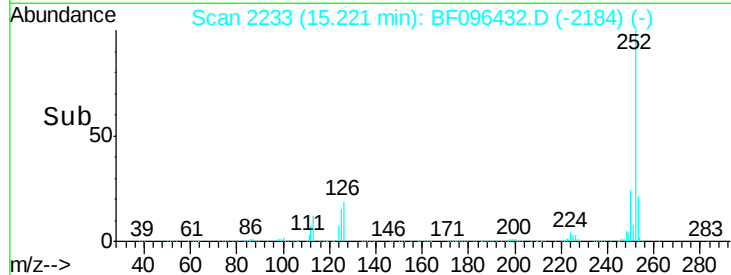
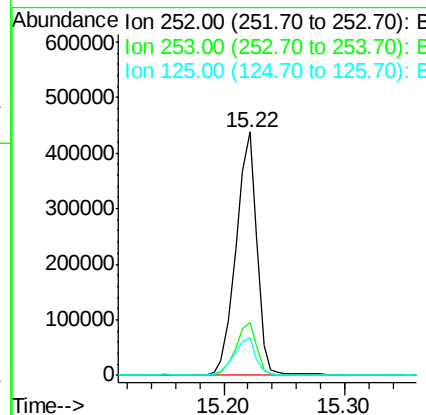
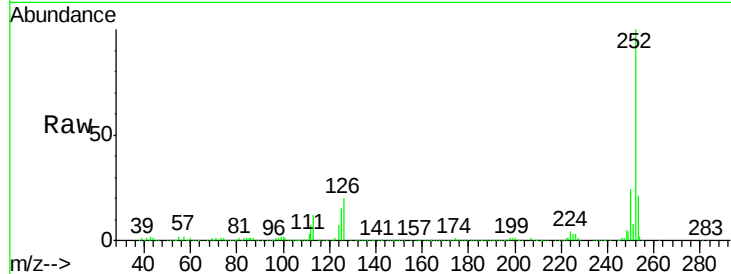
ClientSampleId :

PB100328BS

Tgt Ion:	252	Resp:	529326
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	15.3	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 53.191 ng

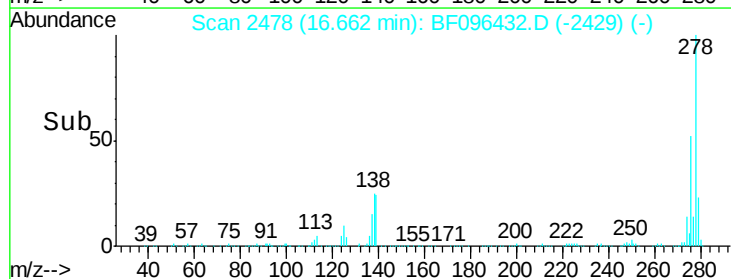
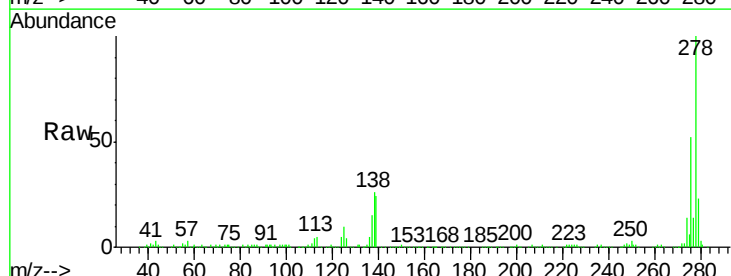
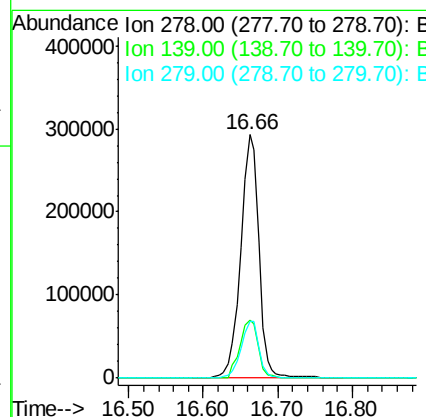
RT: 16.66 min Scan# 2478

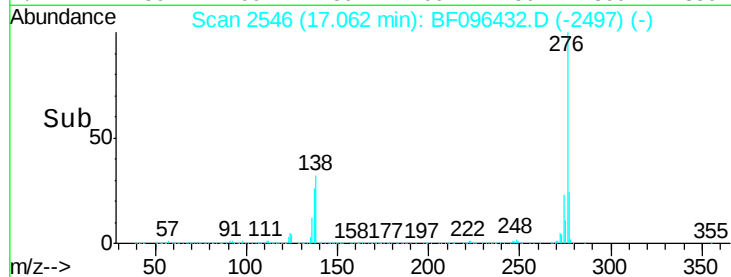
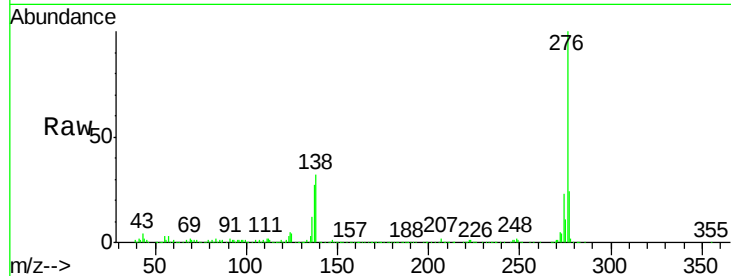
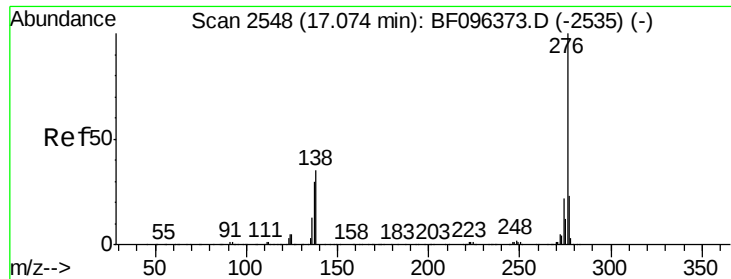
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:	278	Resp:	497794
Ion Ratio	Lower	Upper	
278	100		
139	24.0	16.6	24.8
279	23.3	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 56.214 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

PB100328BS

Tgt Ion: 276 Resp: 545139

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 32.0 25.4 38.0

Manual Integrations

APPROVED

mohammad

7/5/2017 11:41:01 AM

