

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096550.D
 Acq On : 7 Jul 2017 11:06
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/10/2017 2:22:02 PM

Quant Time: Jul 07 13:00:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	126948	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	595768	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	258691	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	428341	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	310280	20.00	ng	-0.02
86) Perylene-d12	15.24	264	303133	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	641207	74.55	ng	-0.01
7) Phenol-d6	6.35	99	793520	75.05	ng	-0.01
23) Nitrobenzene-d5	7.27	82	695231	70.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	170597	84.42	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1237484	81.79	ng	-0.02
78) Terphenyl-d14	12.80	244	1031828	71.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	166182	40.747	ng	# 77
3) Pyridine	3.05	79	393147	35.134	ng	# 61
4) n-Nitrosodimethylamine	3.00	42	213329	38.624	ng	# 80
6) Aniline	6.36	93	500181	36.600	ng	# 85
8) 2-Chlorophenol	6.49	128	359005	39.141	ng	95
9) Benzaldehyde	6.25	77	227132	34.323	ng	95
10) Phenol	6.36	94	438676	36.416	ng	75
11) bis(2-Chloroethyl)ether	6.44	93	345939	37.161	ng	93
12) 1,3-Dichlorobenzene	6.64	146	381152	39.633	ng	99
13) 1,4-Dichlorobenzene	6.72	146	390446	40.619	ng	95
14) 1,2-Dichlorobenzene	6.87	146	357927	40.555	ng	97
15) Benzyl Alcohol	6.85	79	273208	38.653	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	720547	38.073	ng	92
17) 2-Methylphenol	6.96	107	287513	39.334	ng	96
18) Hexachloroethane	7.22	117	140661	40.363	ng	# 85
19) n-Nitroso-di-n-propylamine	7.13	70	238691	37.892	ng	# 86
20) 3+4-Methylphenols	7.12	107	332842	40.825	ng	93
22) Acetophenone	7.12	105	459750	35.317	ng	# 93
24) Nitrobenzene	7.29	77	361117	34.720	ng	# 88
25) Isophorone	7.53	82	651610	33.897	ng	97
26) 2-Nitrophenol	7.60	139	204679	37.180	ng	# 87
27) 2,4-Dimethylphenol	7.65	122	334424	35.677	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	441765	34.813	ng	98
29) 2,4-Dichlorophenol	7.85	162	320776	39.663	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	307310	40.282	ng	98
31) Naphthalene	8.00	128	1109543	39.449	ng	100
32) Benzoic acid	7.79	122	272082m	34.561	ng	
33) 4-Chloroaniline	8.05	127	456466	39.073	ng	98
34) Hexachlorobutadiene	8.13	225	158019	40.384	ng	97
35) Caprolactam	8.43	113	103062	36.955	ng	# 59
36) 4-Chloro-3-methylphenol	8.55	107	321944	35.976	ng	89
37) 2-Methylnaphthalene	8.70	142	698824	39.033	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	272944	40.635	ng	100
40) Hexachlorocyclopentadiene	8.86	237	123882	37.931	ng	99

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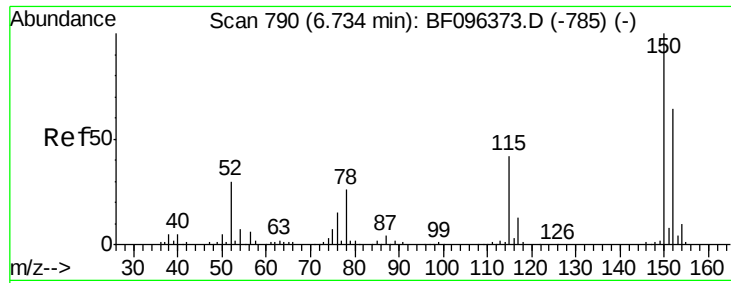
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	196171	36.918	ng	97
43) 2,4,5-Trichlorophenol	9.02	196	208467	39.679	ng	99
45) 1,1'-Biphenyl	9.16	154	869657	39.235	ng	98
46) 2-Chloronaphthalene	9.19	162	635630	38.480	ng	94
47) 2-Nitroaniline	9.27	65	207547	34.531	ng	96
48) Acenaphthylene	9.60	152	952195	36.379	ng	100
49) Dimethylphthalate	9.47	163	701028	36.301	ng	99
50) 2,6-Dinitrotoluene	9.52	165	158023	37.004	ng	# 82
51) Acenaphthene	9.77	154	589968	36.567	ng	98
52) 3-Nitroaniline	9.69	138	206409	38.752	ng	97
53) 2,4-Dinitrophenol	9.80	184	87131	38.414	ng	# 69
54) Dibenzofuran	9.94	168	784461	36.827	ng	99
55) 4-Nitrophenol	9.85	139	164662	37.298	ng	# 63
56) 2,4-Dinitrotoluene	9.93	165	205082	37.922	ng	# 88
57) Fluorene	10.28	166	610889	40.607	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	144714	39.812	ng	99
59) Diethylphthalate	10.16	149	661605	36.246	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	256886	39.246	ng	99
61) 4-Nitroaniline	10.30	138	188455	38.912	ng	91
62) Azobenzene	10.43	77	677402	38.380	ng	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	118487	40.109	ng	# 74
65) n-Nitrosodiphenylamine	10.40	169	574646	38.236	ng	98
66) 4-Bromophenyl-phenylether	10.76	248	159036	38.141	ng	100
67) Hexachlorobenzene	10.83	284	173258	37.958	ng	# 89
68) Atrazine	10.92	200	161411	37.593	ng	93
69) Pentachlorophenol	11.02	266	101387	37.478	ng	99
70) Phenanthrene	11.24	178	895204	38.661	ng	99
71) Anthracene	11.29	178	904874	38.349	ng	99
72) Carbazole	11.45	167	866885	36.531	ng	98
73) Di-n-butylphthalate	11.78	149	1019083	35.456	ng	99
74) Fluoranthene	12.42	202	838964	36.955	ng	98
76) Benzidine	12.54	184	506173	33.998	ng	95
77) Pyrene	12.65	202	870694	34.960	ng	99
79) Butylbenzylphthalate	13.27	149	462846	36.712	ng	# 83
80) Benzo(a)anthracene	13.83	228	693135	38.576	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	305162	41.351	ng	# 97
82) Chrysene	13.87	228	742999	39.488	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	543242	38.602	ng	100
84) Di-n-octyl phthalate	14.44	149	1095120	39.516	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.60	276	625832	42.137	ng	97
87) Benzo(b)fluoranthene	14.85	252	685301	36.079	ng	99
88) Benzo(k)fluoranthene	14.88	252	689989	40.610	ng	96
89) Benzo(a)pyrene	15.19	252	648636	38.250	ng	100
90) Dibenzo(a,h)anthracene	16.62	278	504545	37.820	ng	# 95
91) Benzo(g,h,i)perylene	17.00	276	524156	37.916	ng	99

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



#1

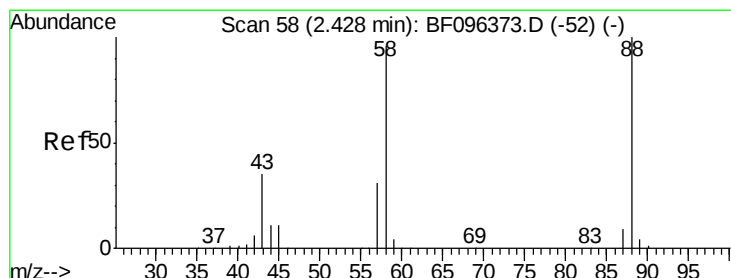
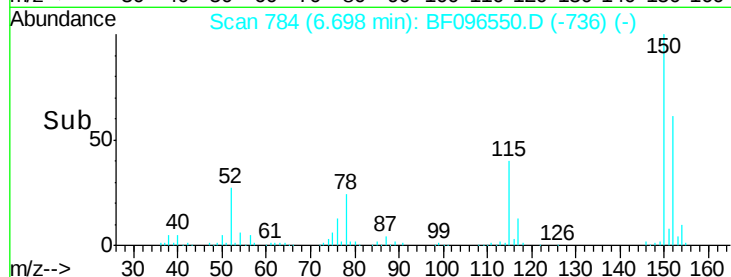
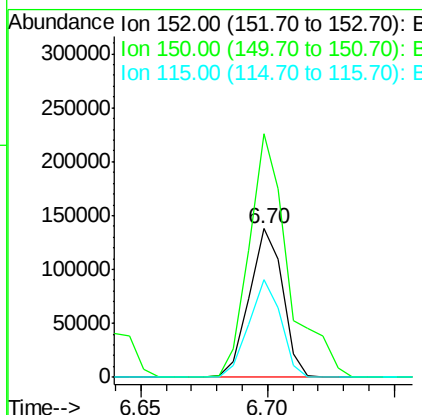
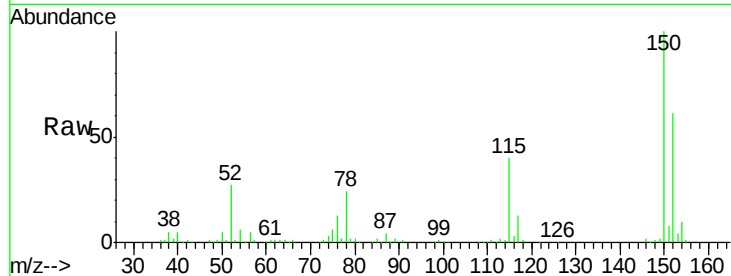
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.9	126.2	189.2
115	65.8	52.2	78.2

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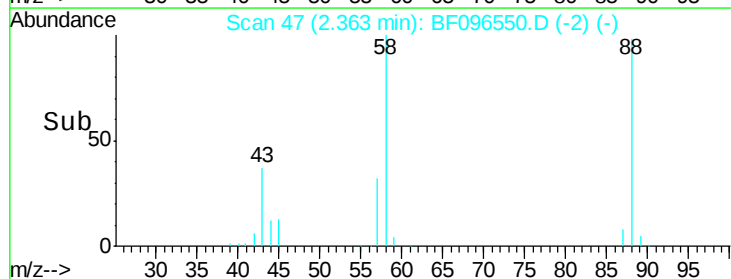
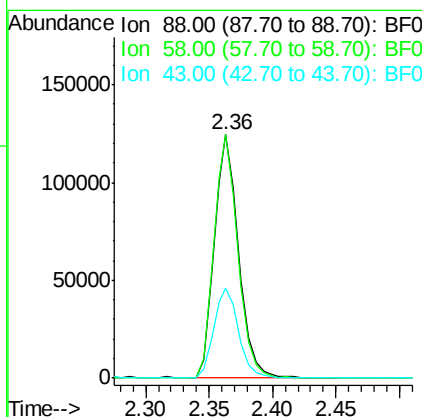
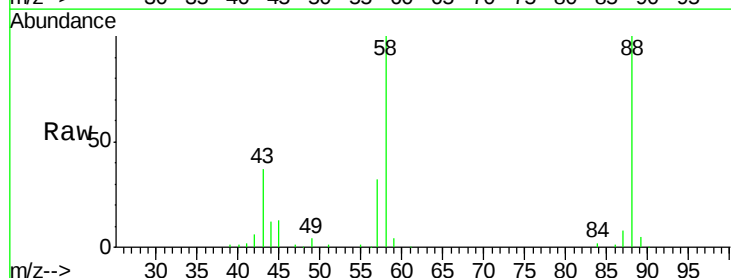
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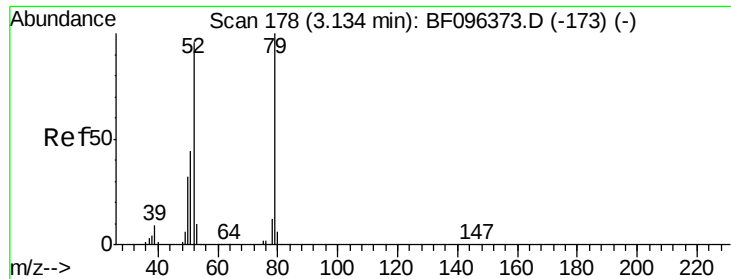


#2

1,4-Dioxane
Concen: 40.747 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.04 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	61.4	92.0#
43	38.2	23.4	35.0#





#3

Pyridine

Concen: 35.134 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.04 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 393147
Ion Ratio Lower Upper

79 100

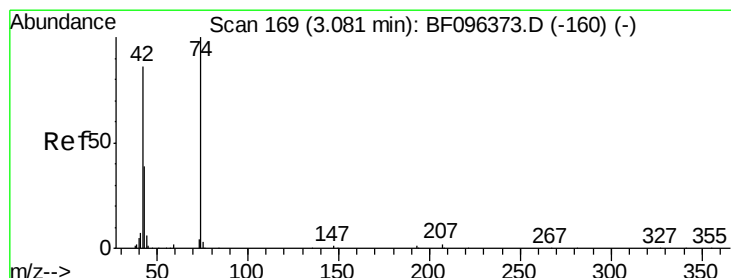
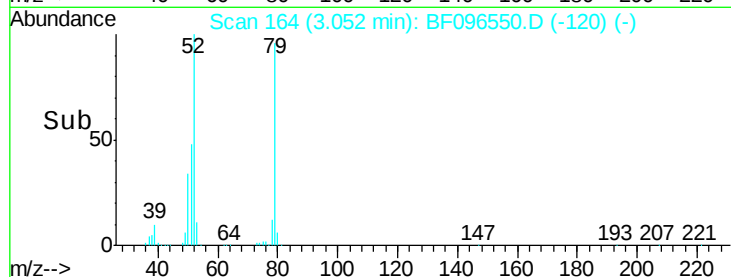
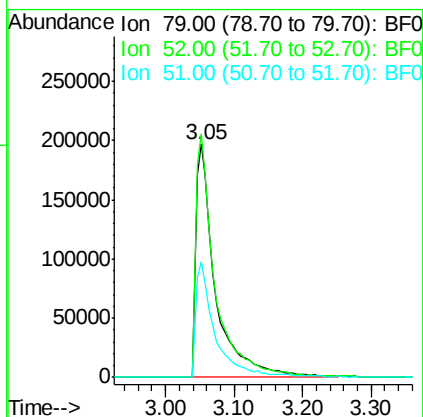
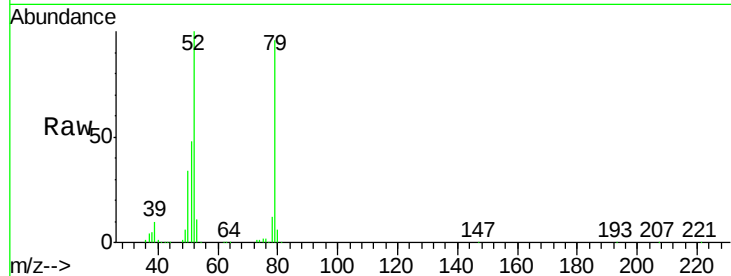
52 104.4 54.8 82.2#

51 49.6 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 38.624 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.04 min

Lab File: BF096550.D

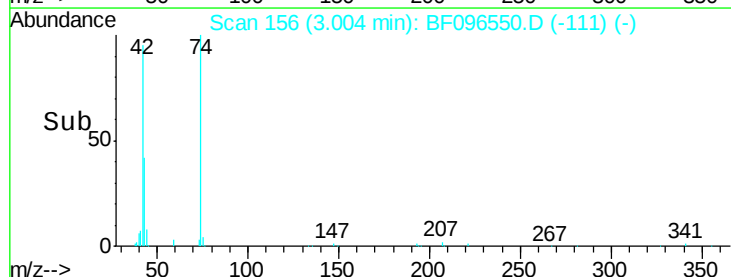
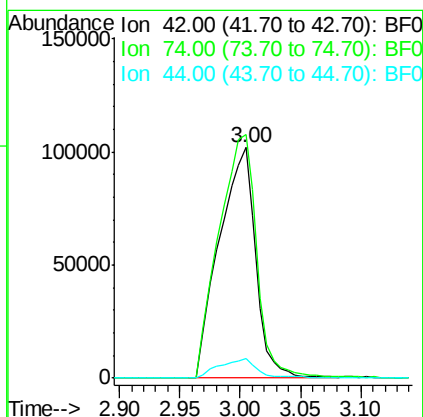
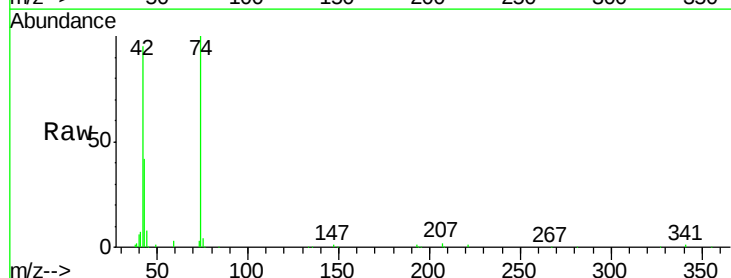
Acq: 7 Jul 2017 11:06

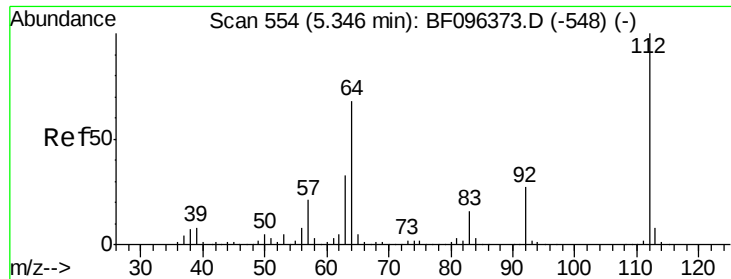
Tgt Ion: 42 Resp: 213329
Ion Ratio Lower Upper

42 100

74 105.6 103.9 155.9

44 8.8 5.7 8.5#





#5

2-Fluorophenol

Concen: 74.550 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

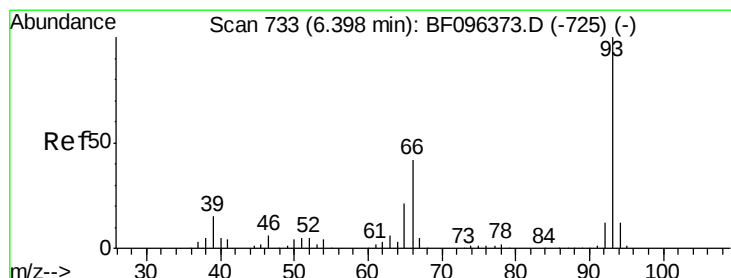
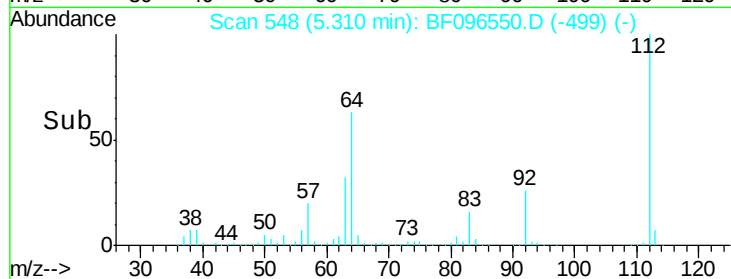
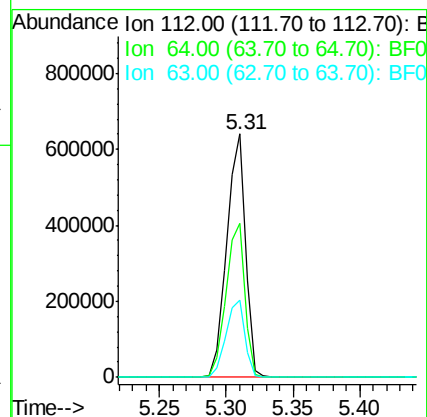
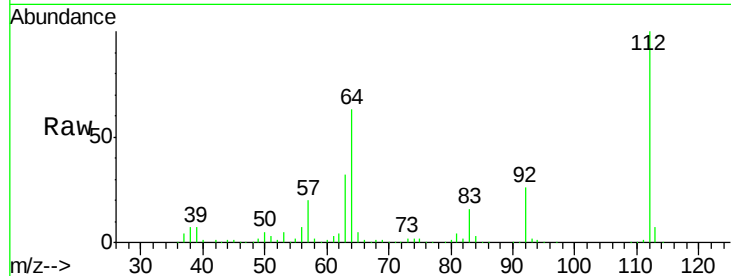
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	641207
Ion Ratio	Lower	Upper	
112	100		
64	63.4	46.0	69.0
63	31.9	23.4	35.0

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#6

Aniline

Concen: 36.600 ng

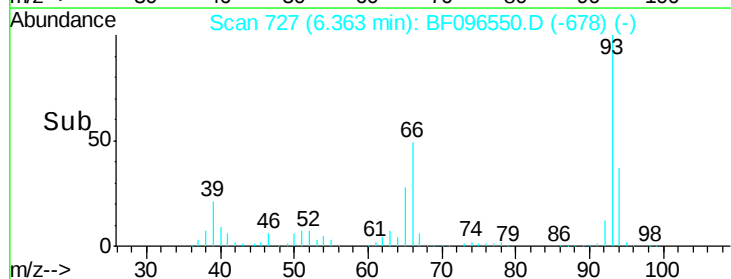
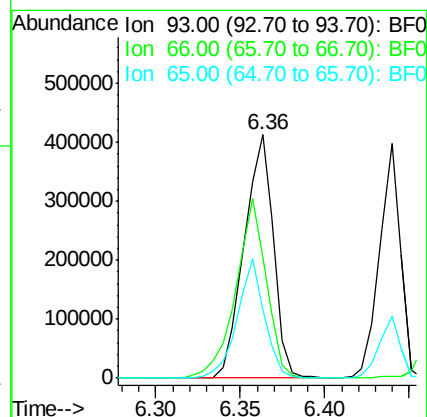
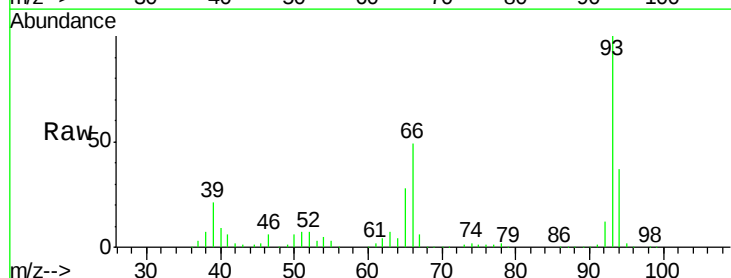
RT: 6.36 min Scan# 727

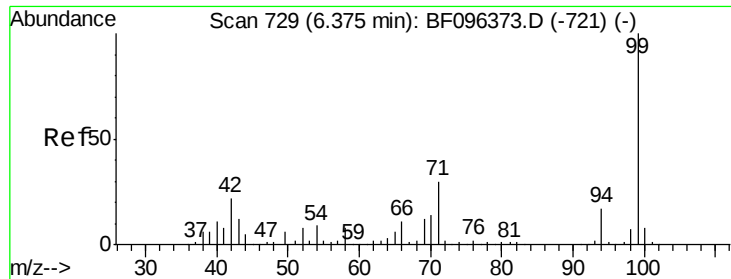
Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Tgt Ion:	93	Resp:	500181
Ion Ratio	Lower	Upper	
93	100		
66	49.4	32.9	49.3#
65	28.3	16.0	24.0#





#7

Phenol-d6

Concen: 75.046 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

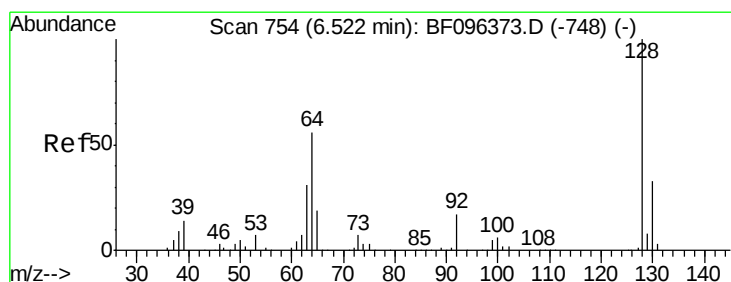
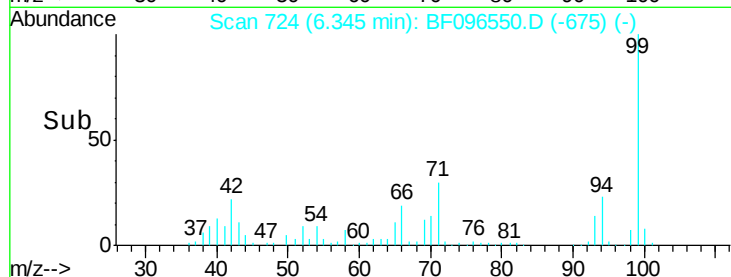
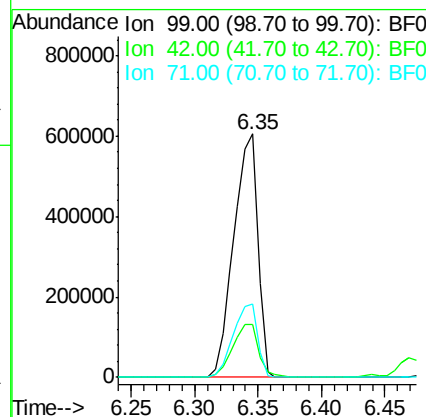
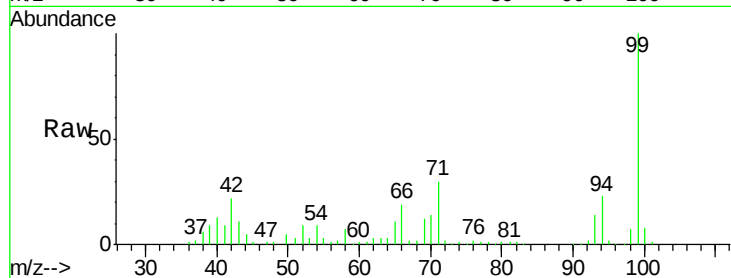
ClientSampleId :

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Tgt Ion:	99	Resp:	793520
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.5	20.3#
71	30.2	24.5	36.7

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#8

2-Chlorophenol

Concen: 39.141 ng

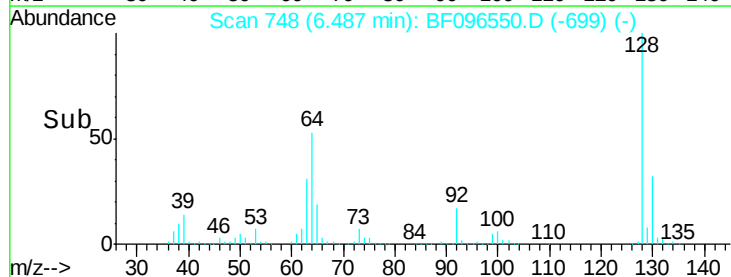
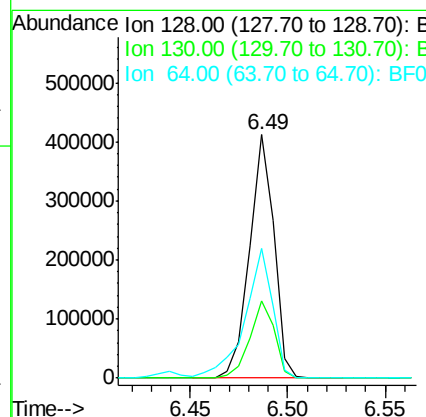
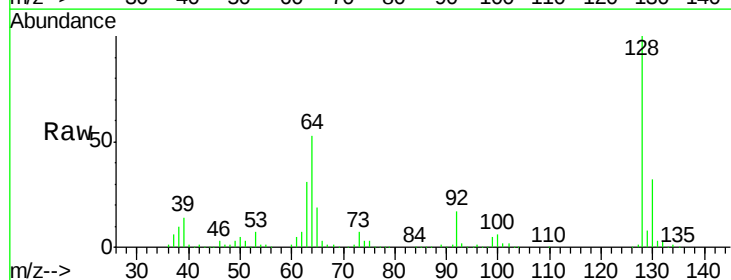
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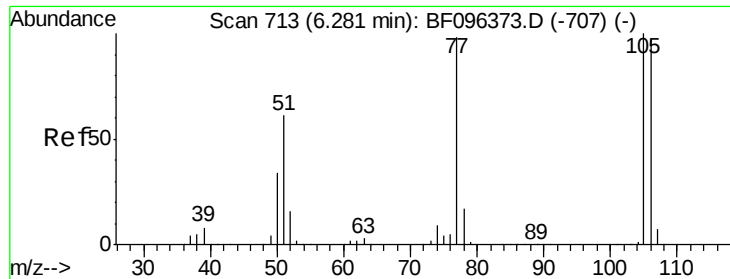
Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Tgt Ion:	128	Resp:	359005
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.9	52.9
64	53.2	28.4	68.4





#9

Benzaldehyde

Concen: 34.323 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

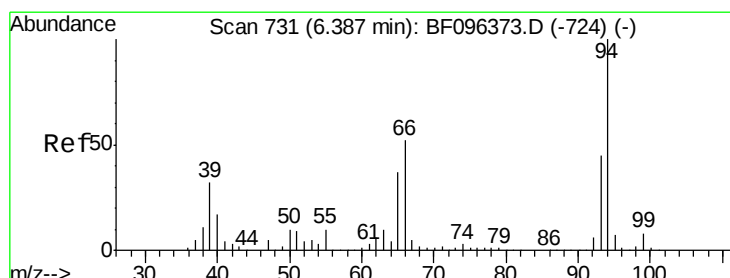
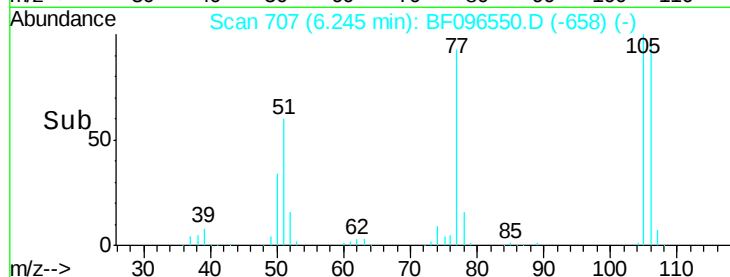
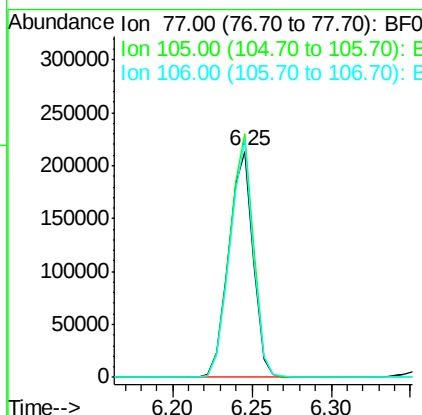
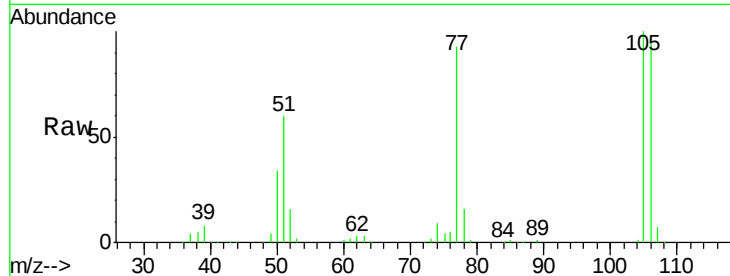
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	227132
Ion	Ratio	Lower	Upper
77	100		
105	107.6	83.8	123.8
106	104.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 36.416 ng

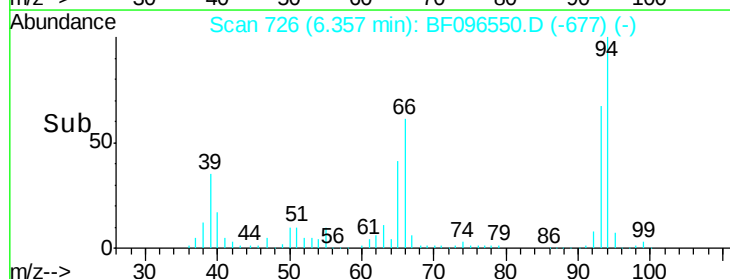
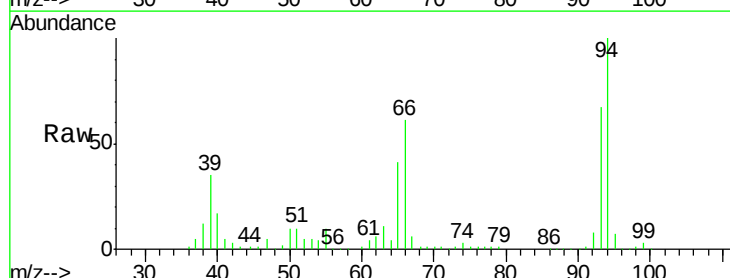
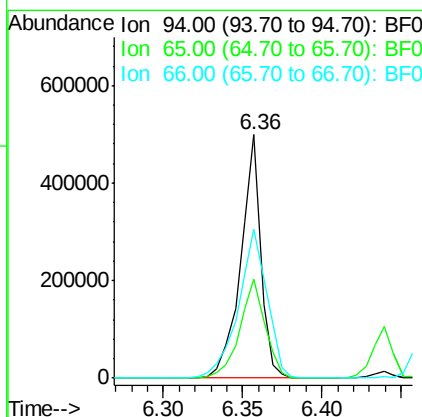
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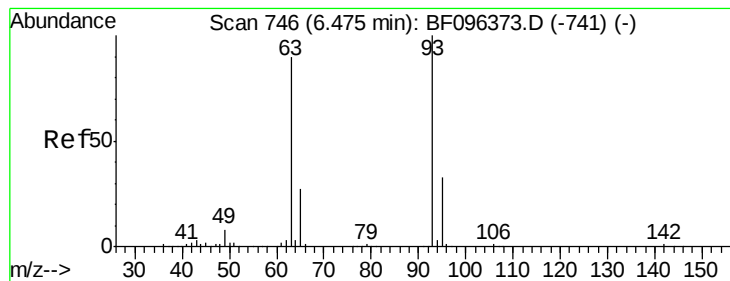
Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Tgt Ion:	94	Resp:	438676
Ion	Ratio	Lower	Upper
94	100		
65	40.7	9.9	49.9
66	60.9	23.1	63.1





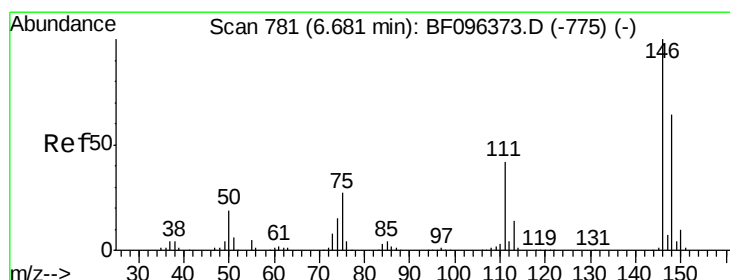
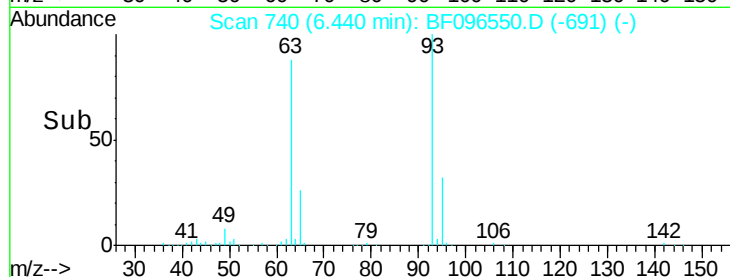
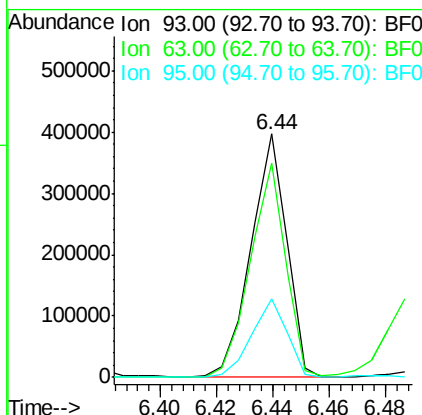
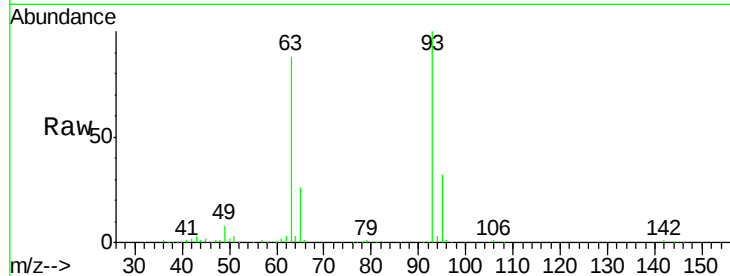
#11
bis(2-Chloroethyl)ether
Concen: 37.161 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.8	59.2	99.2
95	32.0	12.8	52.8

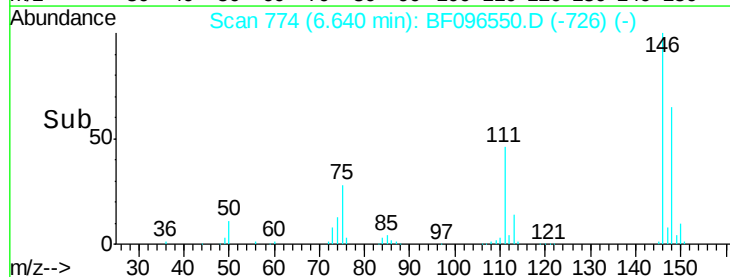
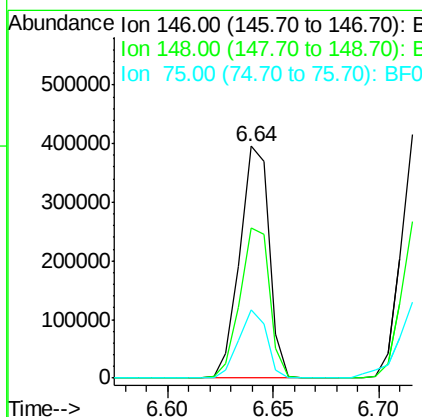
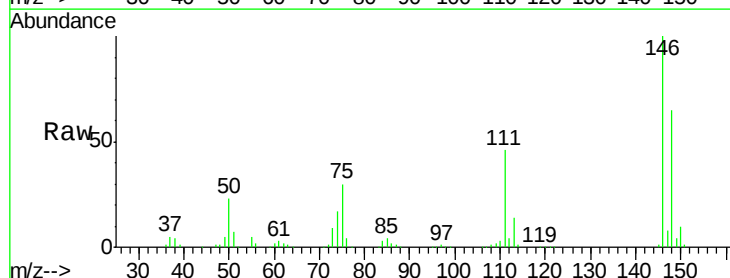
Manual Integrations
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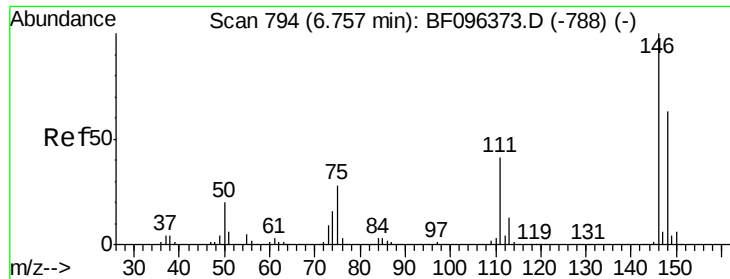
mohammad
7/10/2017 2:22:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.633 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	29.7	23.1	34.7





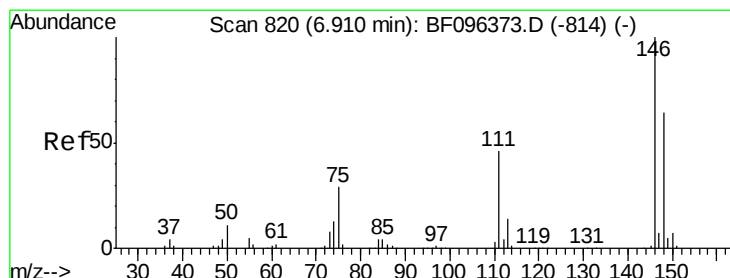
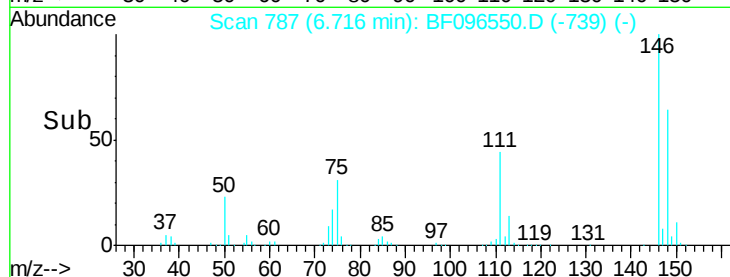
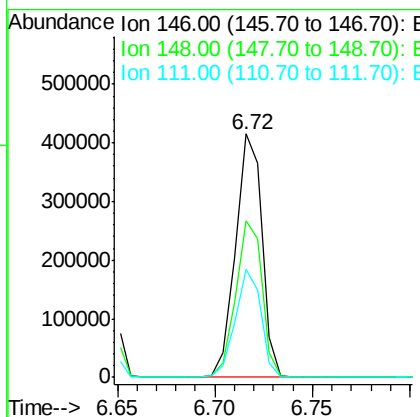
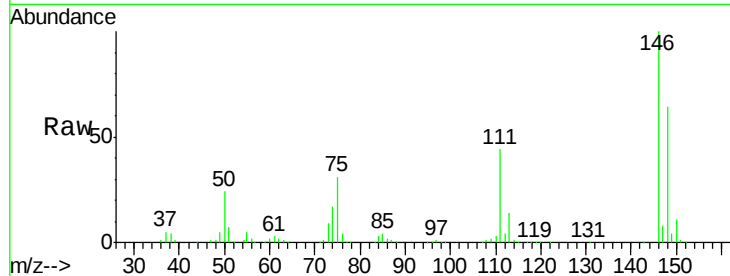
#13
 1,4-Dichlorobenzene
 Concen: 40.619 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	44.5	30.3	45.5

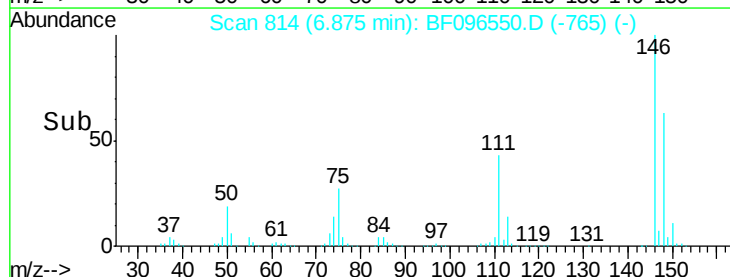
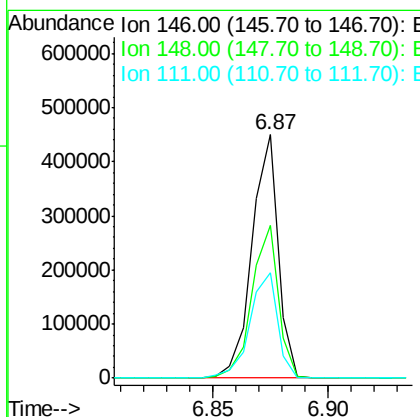
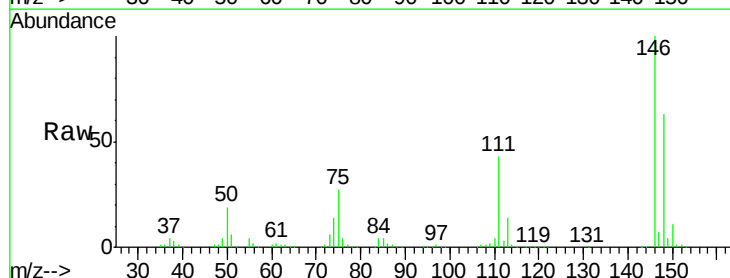
Manual Integrations
 APPROVED

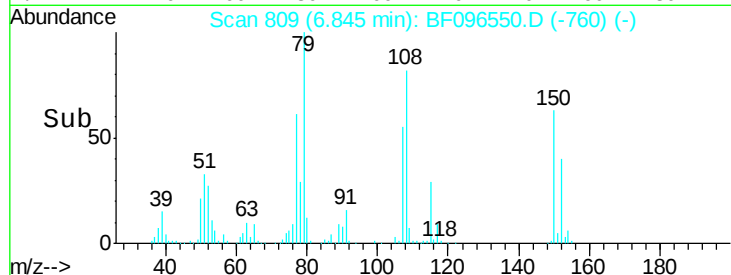
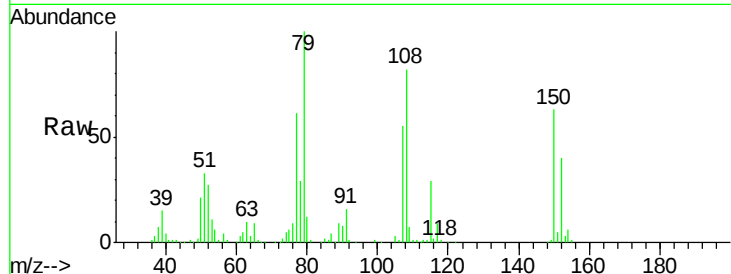
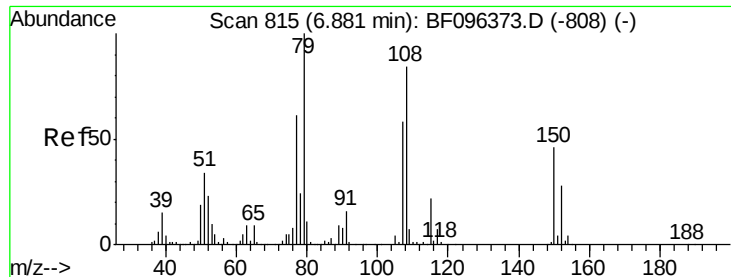
mohammad
 7/10/2017 2:22:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.555 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	43.3	38.2	57.4





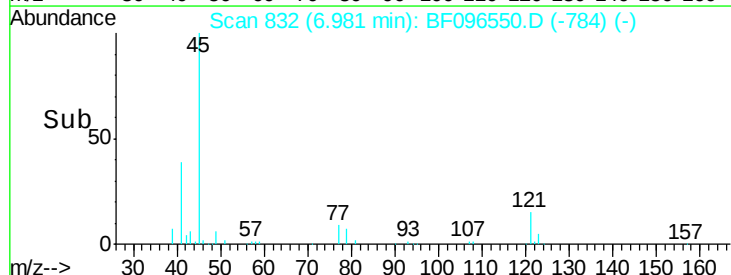
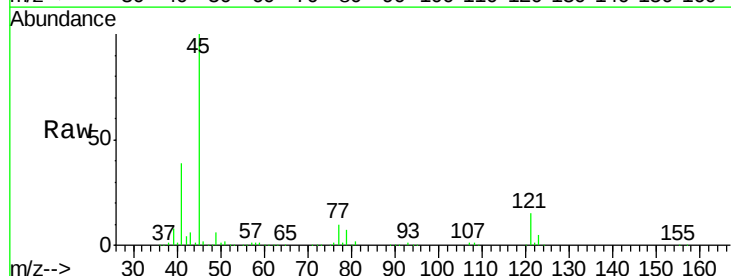
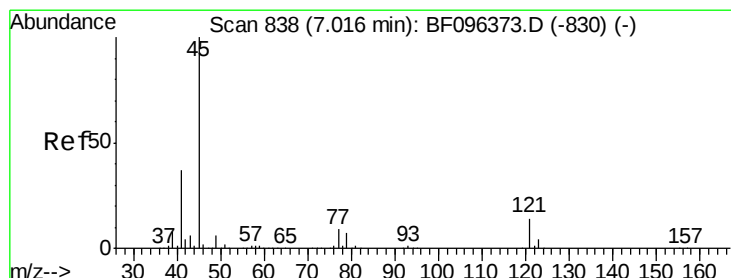
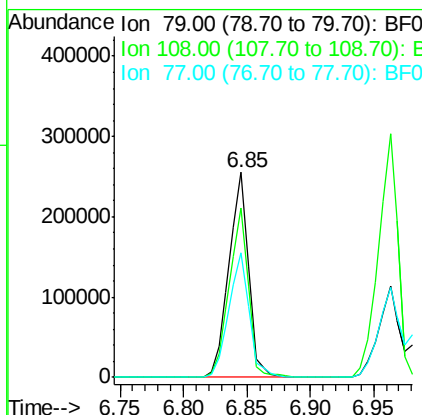
#15
Benzyl Alcohol
Concen: 38.653 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	273208		
108	82.4	63.4	95.0	
77	60.6	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

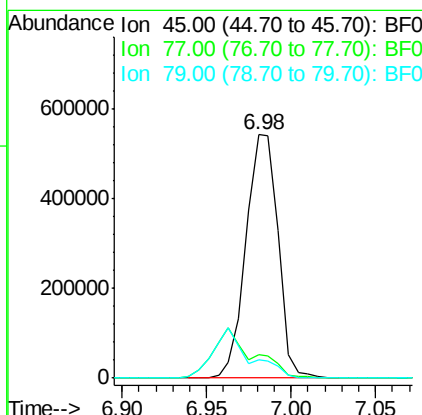
Manual Integrations
APPROVED

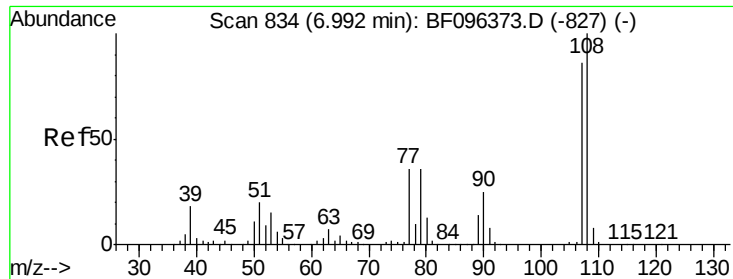
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.073 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	720547		
77	9.7	0.0	33.2	
79	7.3	0.0	30.0	





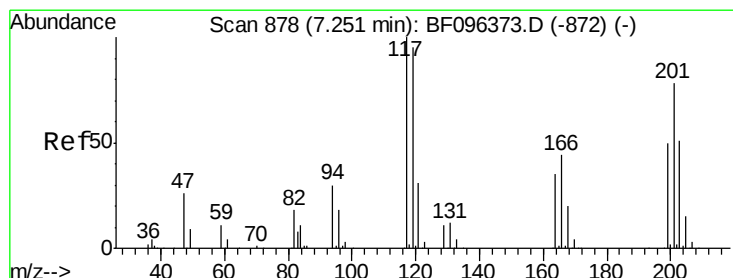
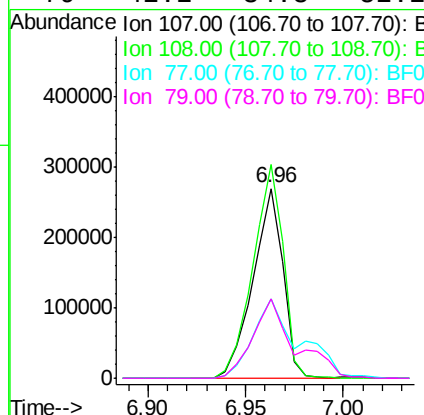
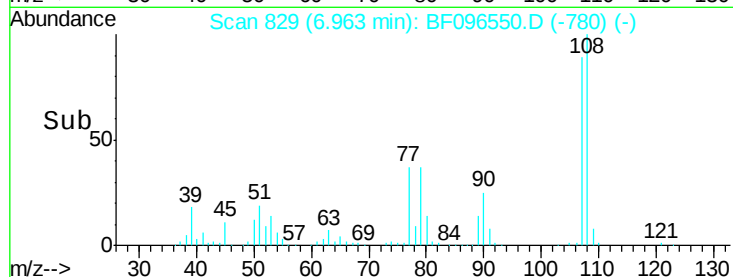
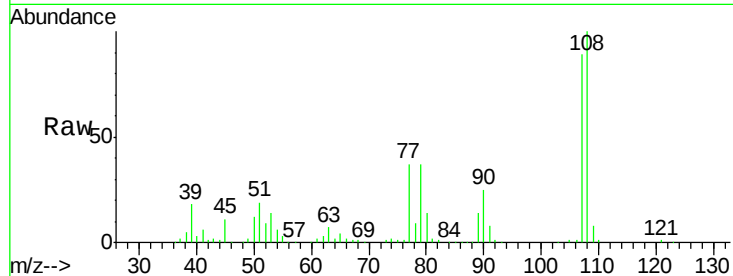
#17
2-Methylphenol
Concen: 39.334 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	287513
Ion Ratio	Lower	Upper	
107	100		
108	112.6	93.4	140.0
77	41.8	35.8	53.6
79	42.2	34.8	52.2

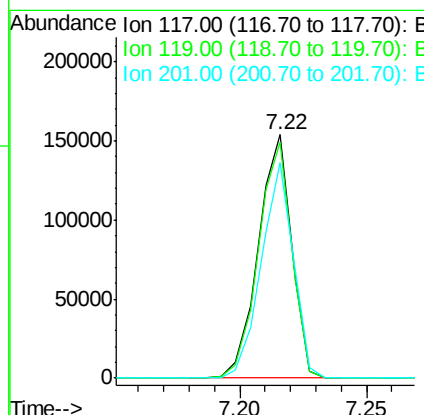
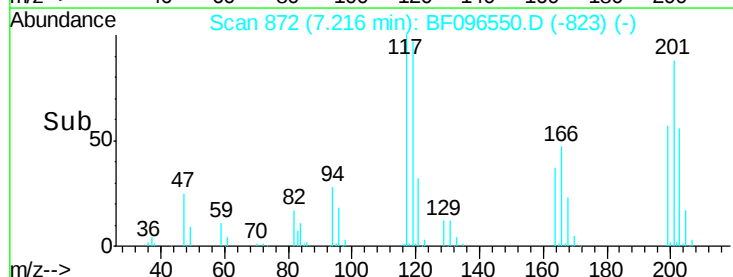
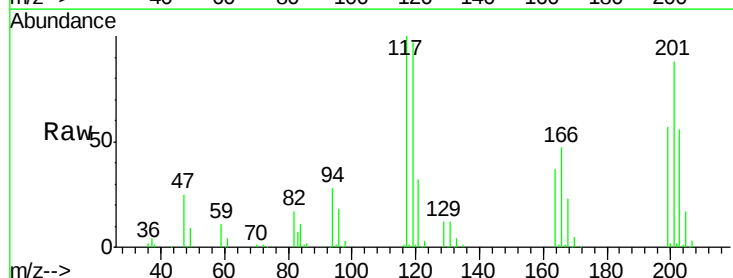
Manual Integrations
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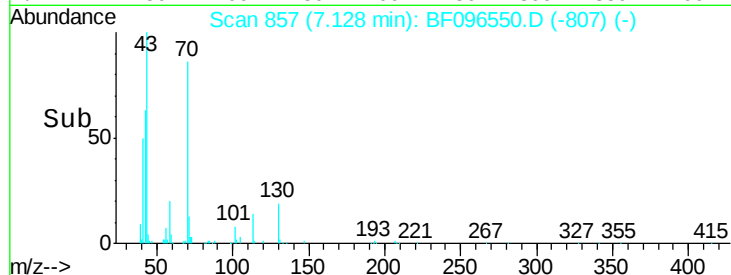
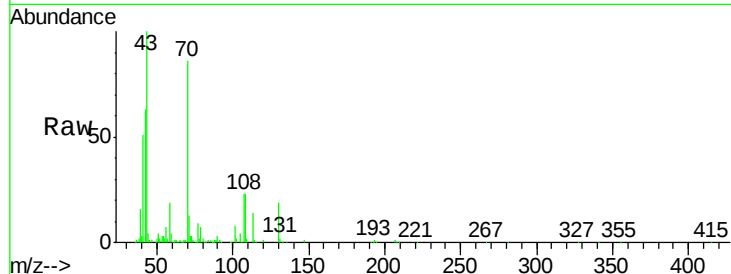
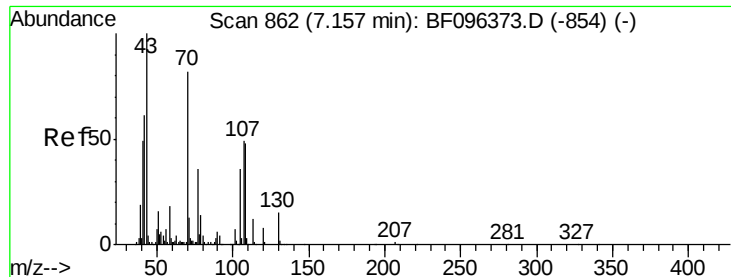
mohammad
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#18
Hexachloroethane
Concen: 40.363 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion:	117	Resp:	140661
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.4	116.0
201	88.3	94.6	141.8#





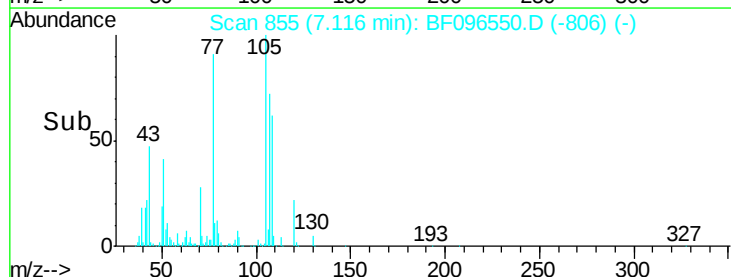
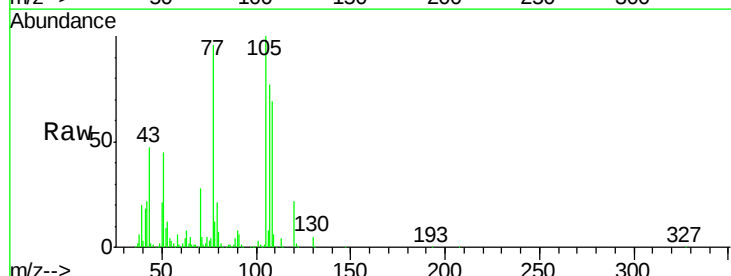
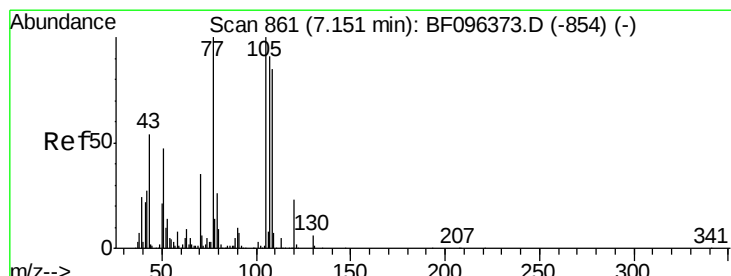
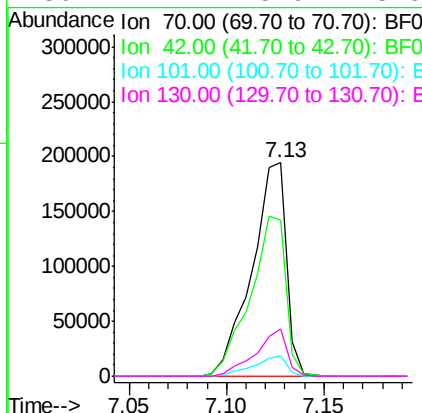
#19
n-Nitroso-di-n-propylamine
Concen: 37.892 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.3	47.2	70.8#
101	9.5	7.2	10.8
130	22.4	15.9	23.9

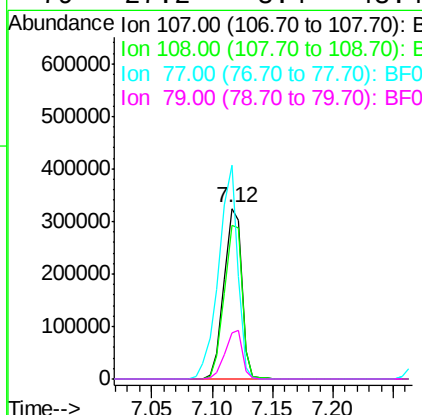
Manual Integrations
APPROVED

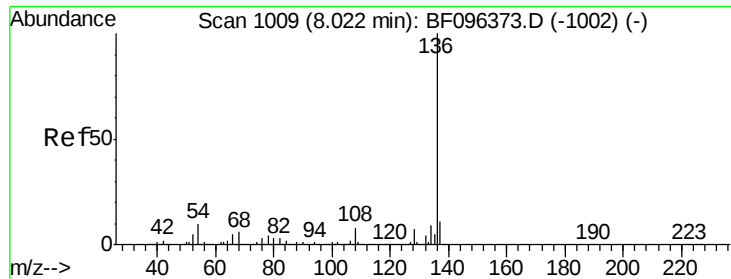
mohammad
7/10/2017 2:22:02 PM



#20
3+4-Methylphenols
Concen: 40.825 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	125.0	90.5	130.5
79	27.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

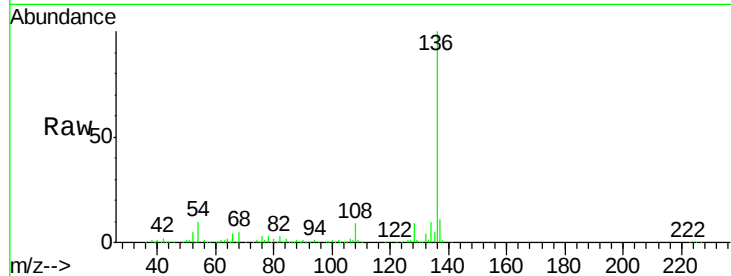
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	595768		
137	10.7	8.5	12.7	
54	9.5	4.9	7.3	
68	4.9	4.1	6.1	

Manual Integrations
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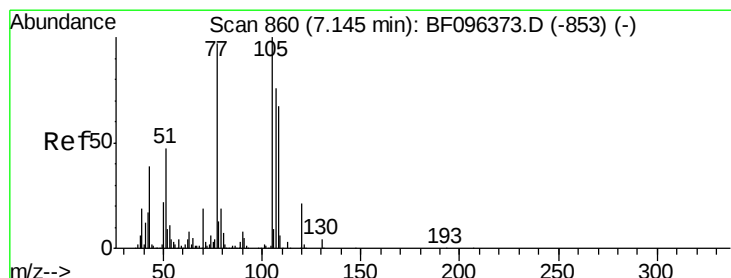
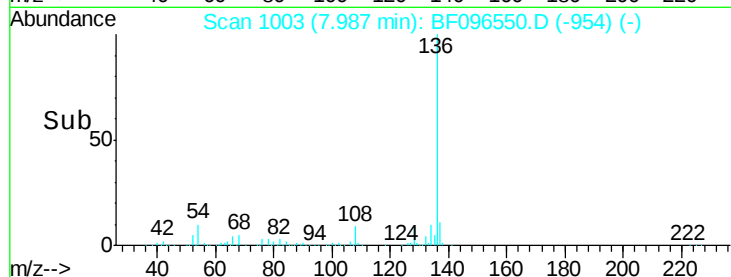
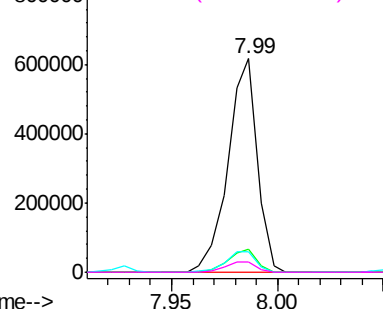


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.317 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

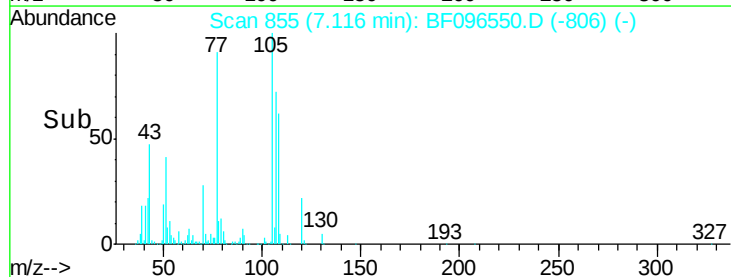
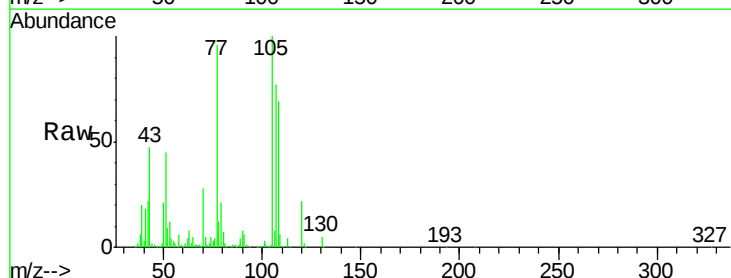
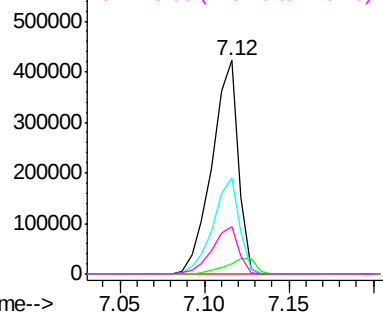
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	459750		
71	4.7	2.8	4.2	
51	44.9	30.7	46.1	
120	22.2	17.4	26.0	

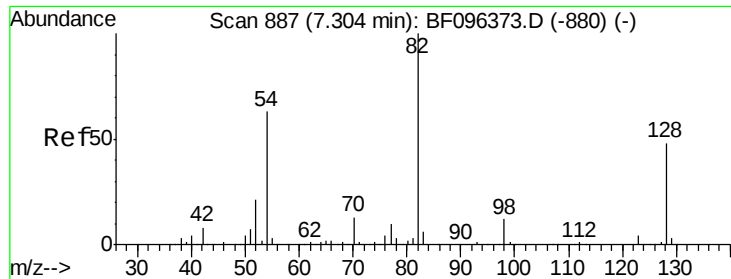
Abundance Ion 105.00 (104.70 to 105.70): E

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





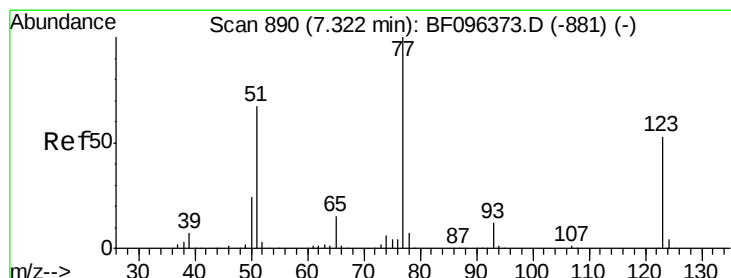
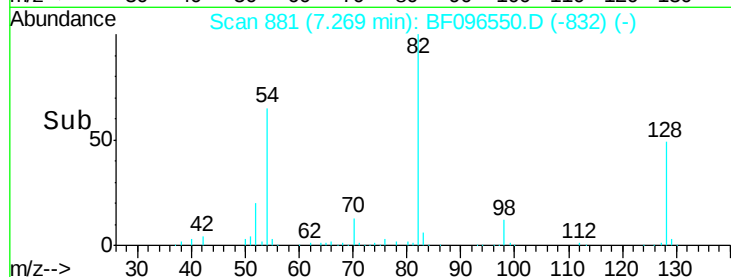
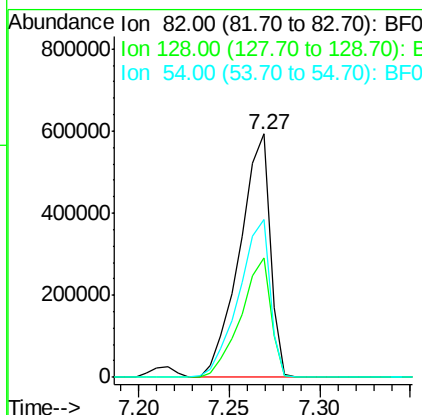
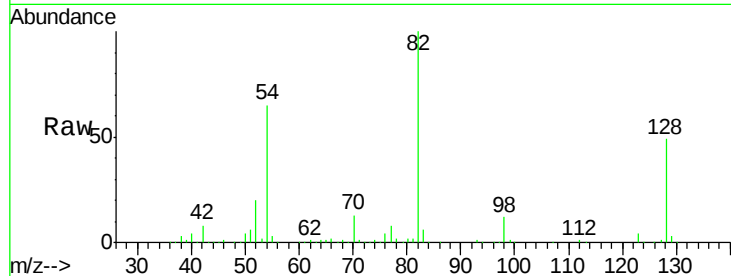
#23
Nitrobenzene-d5
Concen: 70.123 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	695231		
128	49.2	34.0	51.0	
54	65.0	42.2	63.2	

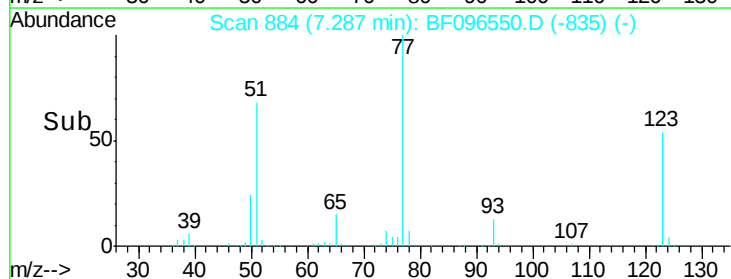
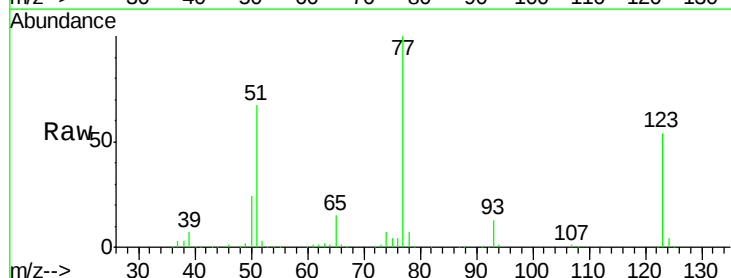
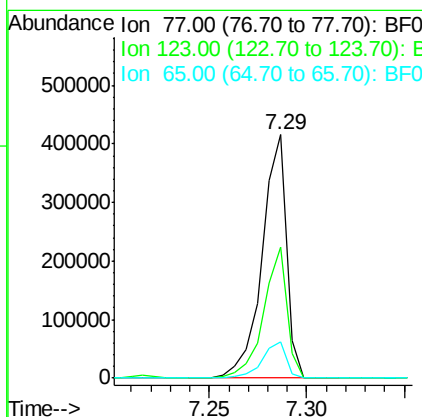
Manual Integrations
APPROVED

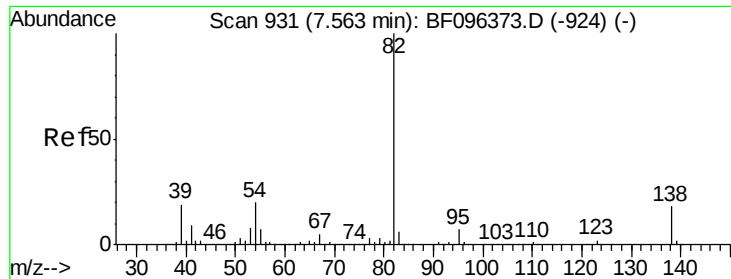
mohammad
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#24
Nitrobenzene
Concen: 34.720 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	361117		
123	54.0	35.8	53.8	
65	14.9	10.6	15.8	





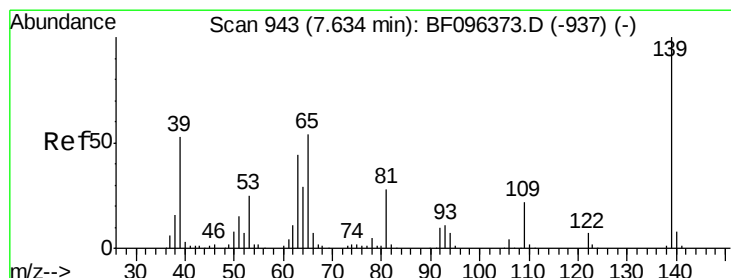
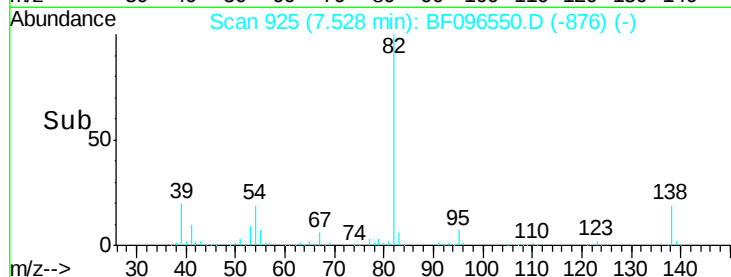
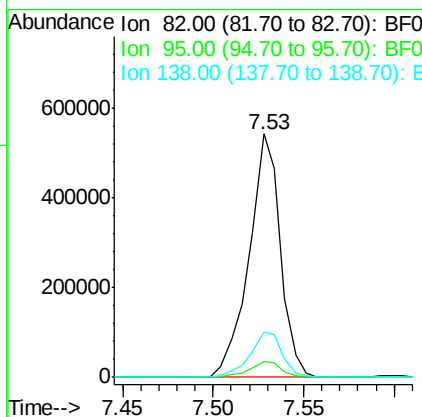
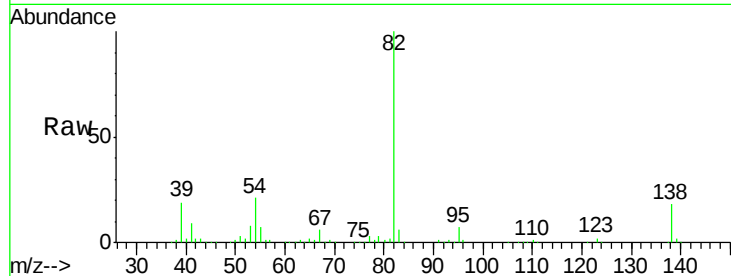
#25
Isophorone
Concen: 33.897 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	651610		
95	6.7	5.3	7.9	
138	18.3	13.1	19.7	

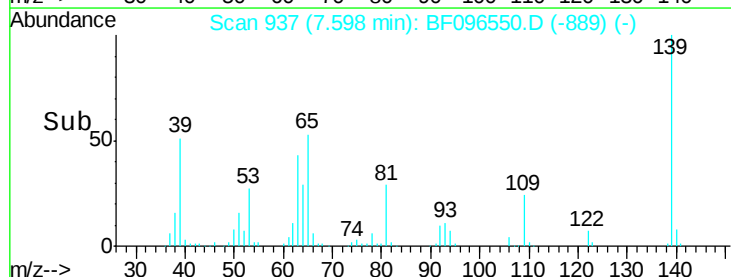
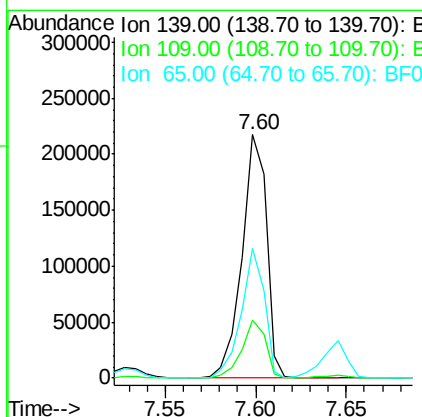
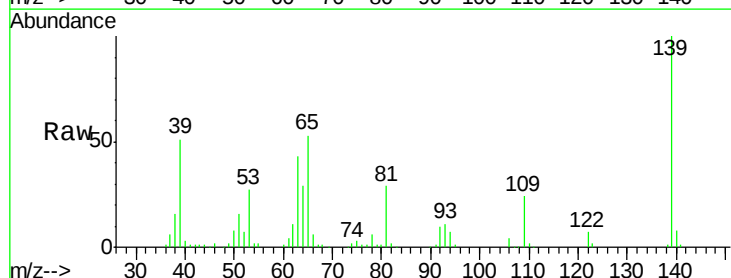
Manual Integrations
APPROVED

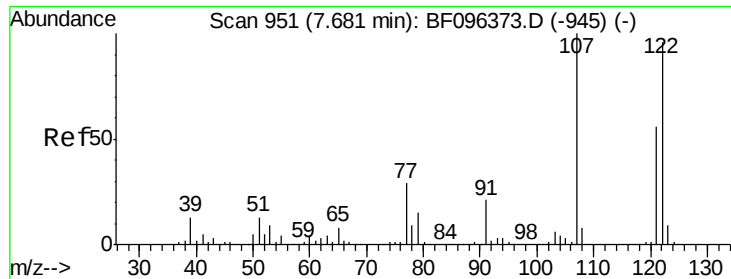
mohammad
7/10/2017 2:22:02 PM



#26
2-Nitrophenol
Concen: 37.180 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	204679		
109	23.8	21.0	31.6	
65	53.1	33.0	49.6	





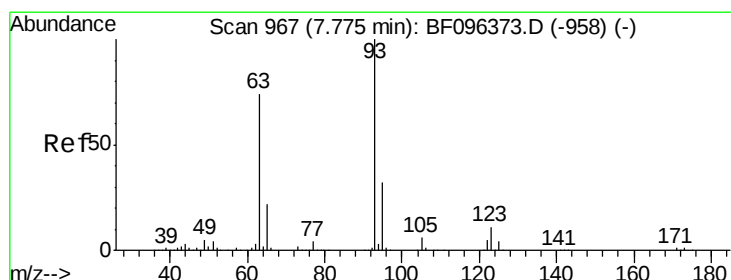
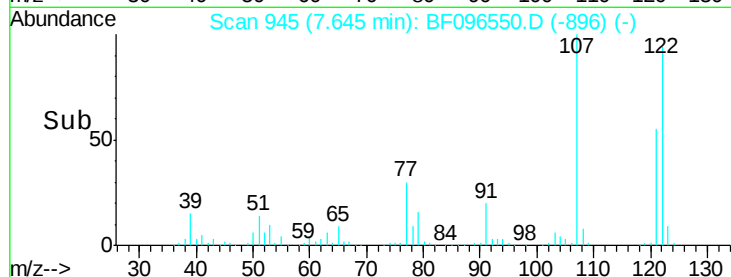
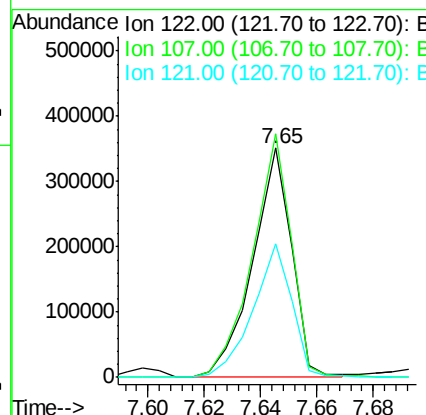
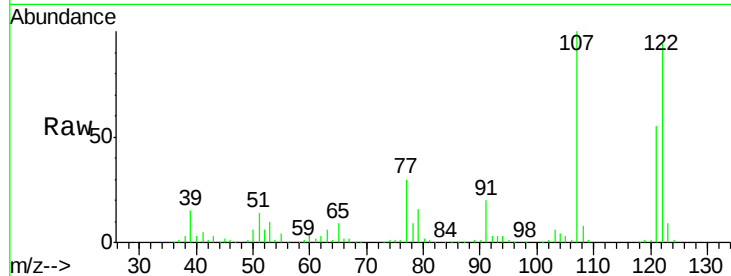
#27
2,4-Dimethylphenol
Concen: 35.677 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	334424		
107	106.3	89.2	133.8	
121	58.4	45.2	67.8	

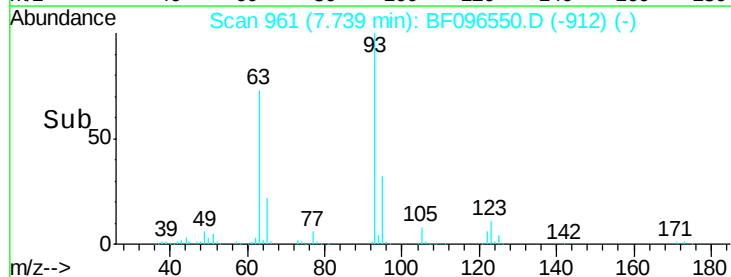
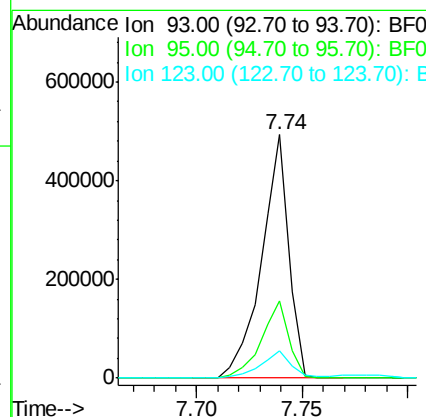
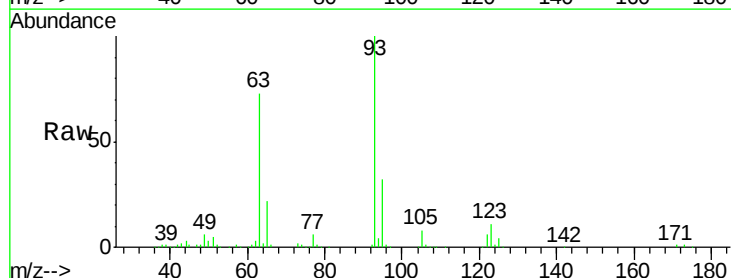
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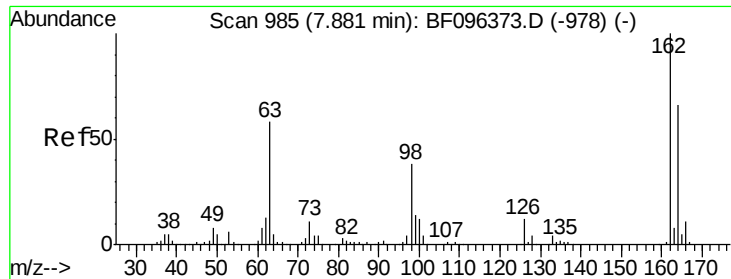
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#28
bis(2-Chloroethoxy)methane
Concen: 34.813 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	441765		
95	31.8	26.5	39.7	
123	11.1	9.0	13.4	





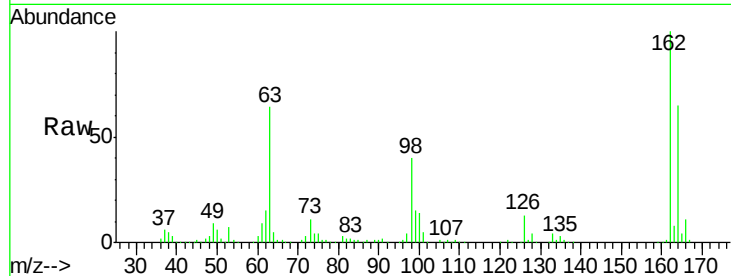
#29
2,4-Dichlorophenol
Concen: 39.663 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

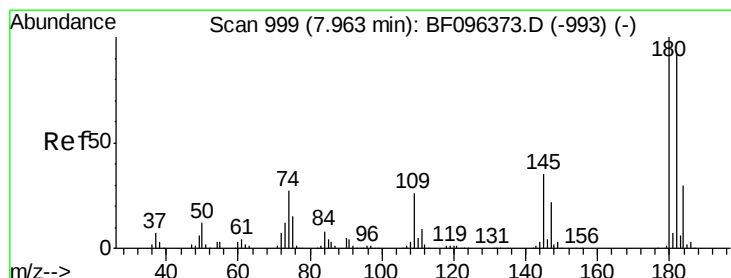
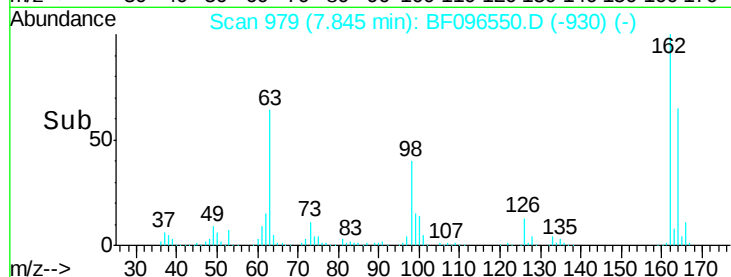
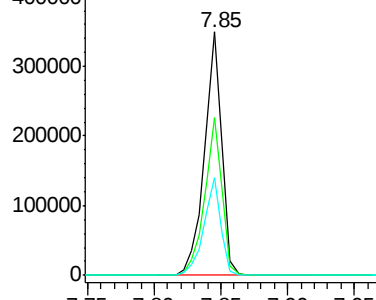
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	320776		
164	64.9		44.6	84.6
98	40.1		14.8	54.8

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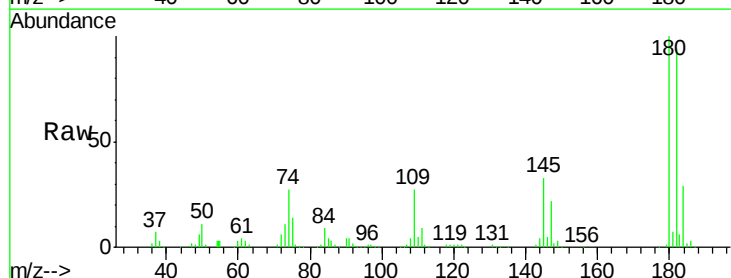


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

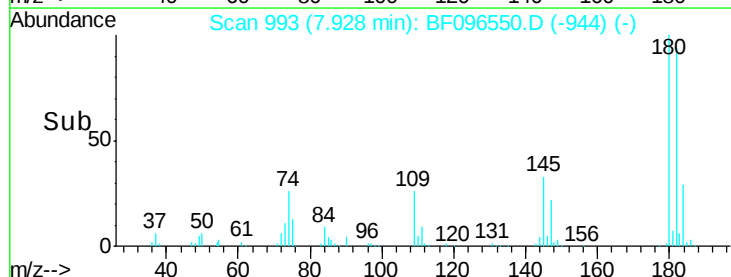
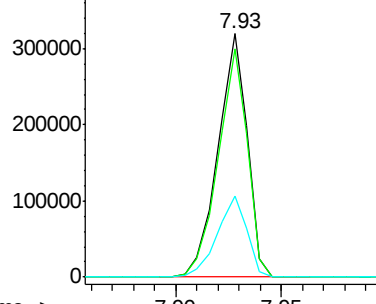


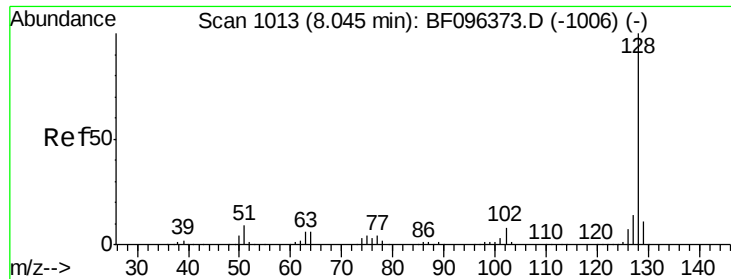
#30
1,2,4-Trichlorobenzene
Concen: 40.282 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	307310		
182	93.8		75.8	113.6
145	33.5		25.3	37.9



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





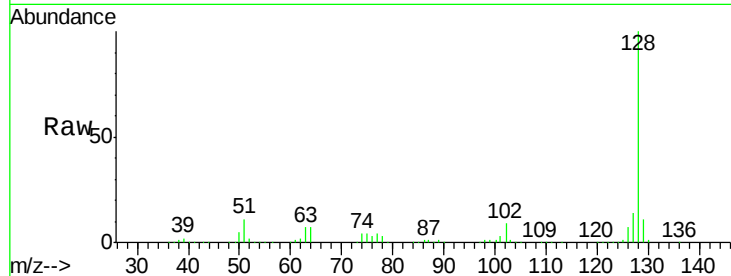
#31
Naphthalene
Concen: 39.449 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

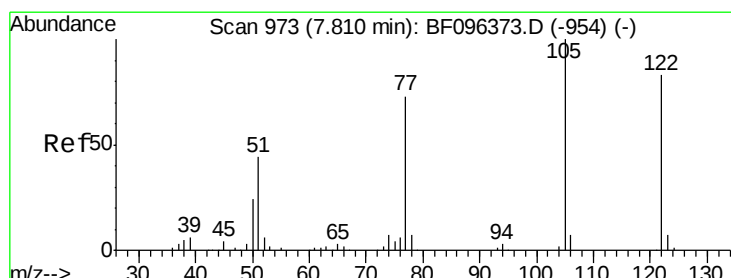
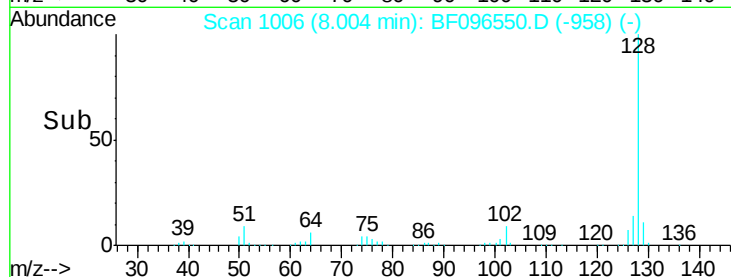
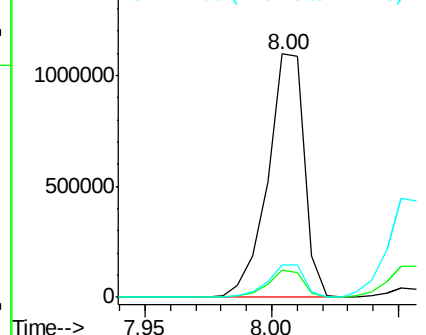
Tgt Ion:128 Resp: 1109543
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2

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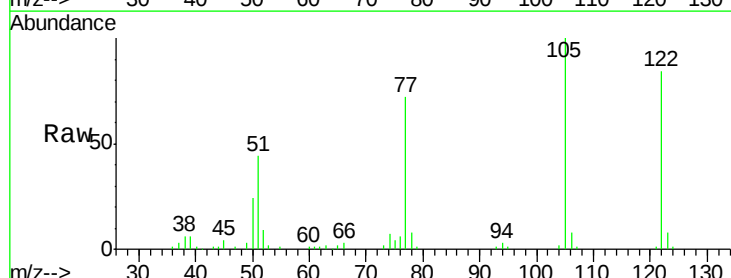


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

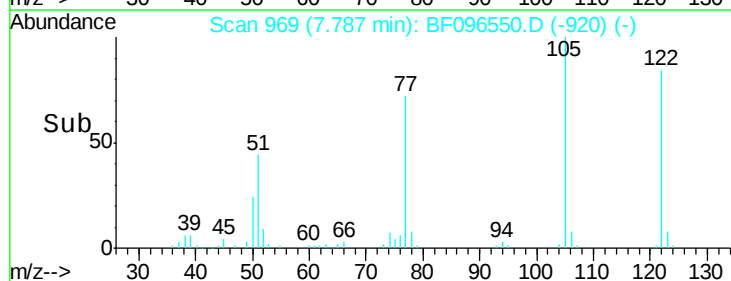
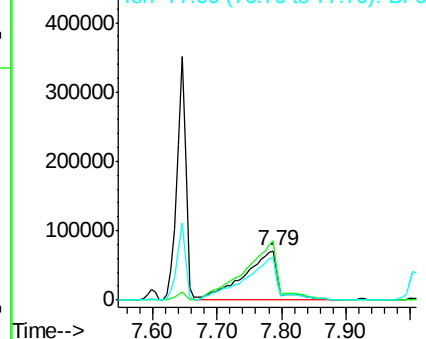


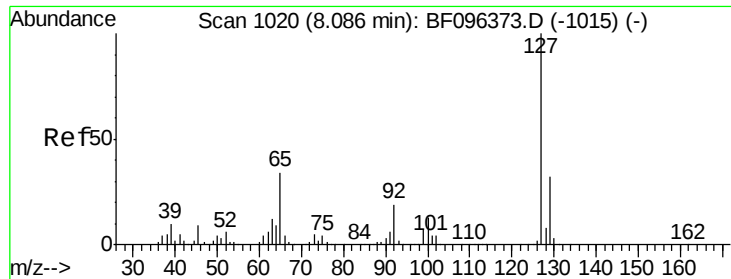
#32
Benzoic acid
Concen: 34.561 ng m
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion:122 Resp: 272082
Ion Ratio Lower Upper
122 100
105 119.2 103.3 143.3
77 85.3 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





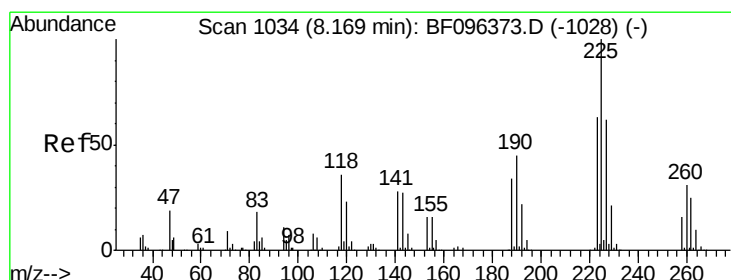
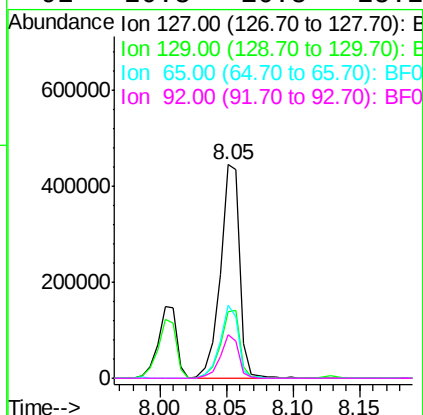
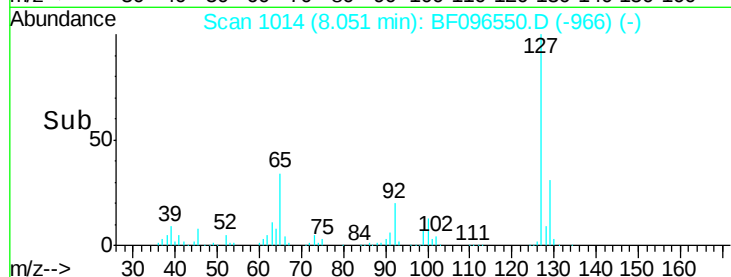
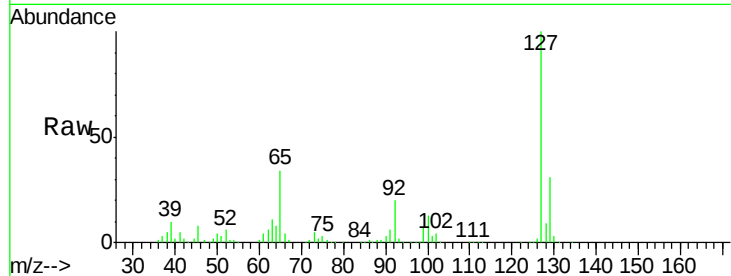
#33
4-Chloroaniline
Concen: 39.073 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	456466		
129	31.4	26.2	39.2	
65	34.2	27.8	41.8	
92	20.3	16.8	25.2	

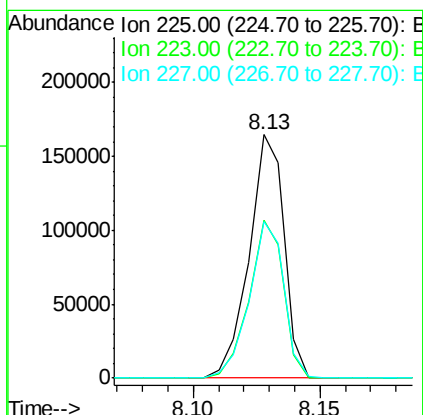
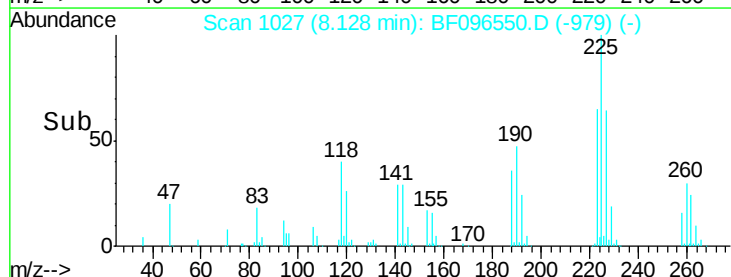
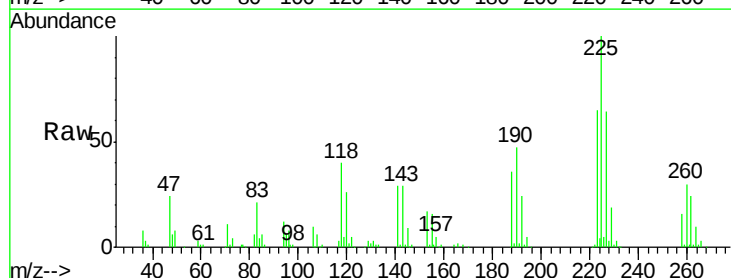
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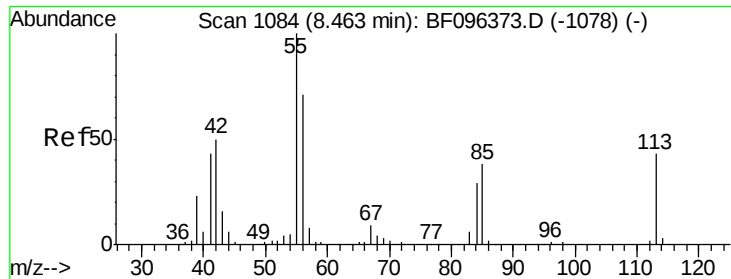
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#34
Hexachlorobutadiene
Concen: 40.384 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158019		
223	65.0	48.8	73.2	
227	64.1	51.1	76.7	





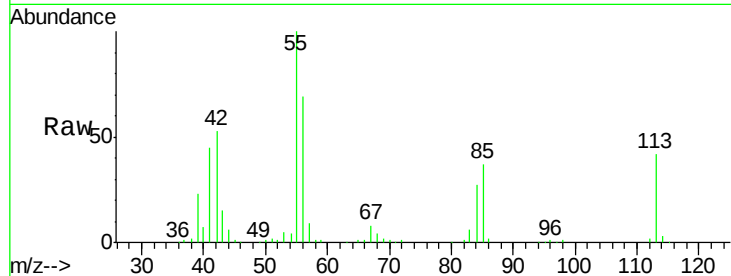
#35
 Caprolactam
 Concen: 36.955 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

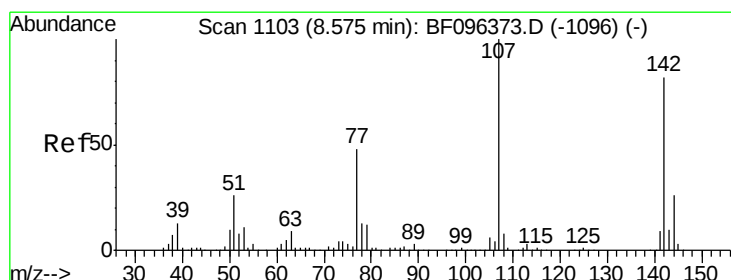
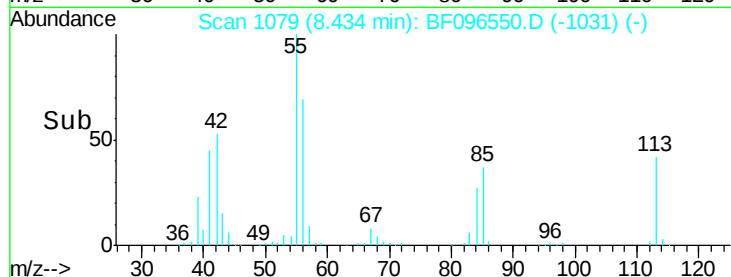
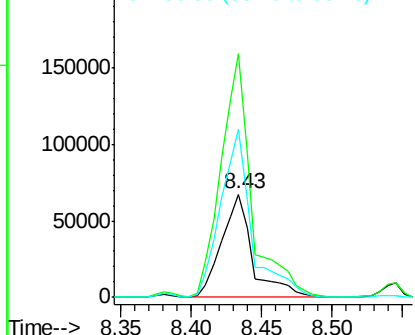
Tgt Ion:113 Resp: 103062
 Ion Ratio Lower Upper
 113 100
 55 235.9 150.2 190.2#
 56 163.3 107.8 147.8#

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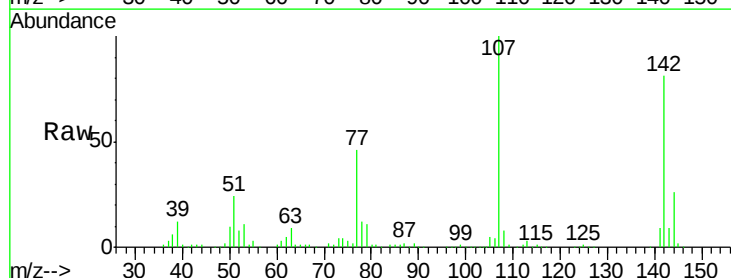


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

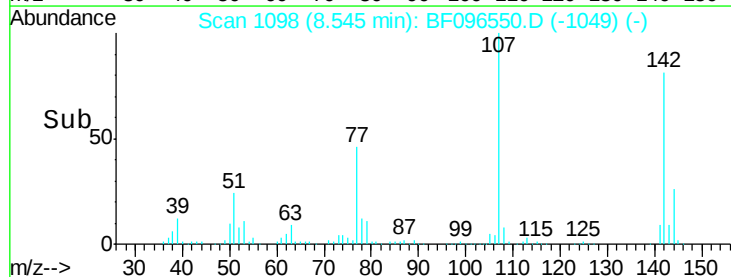
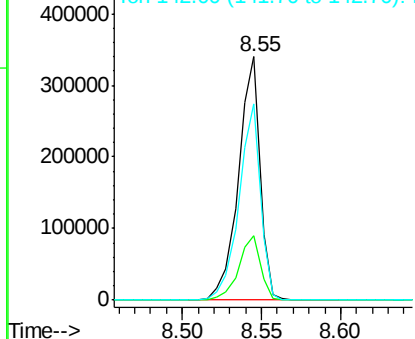


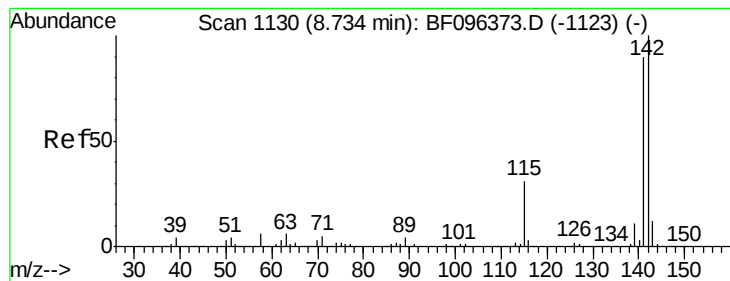
#36
 4-Chloro-3-methylphenol
 Concen: 35.976 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion:107 Resp: 321944
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 80.5 73.4 110.0



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





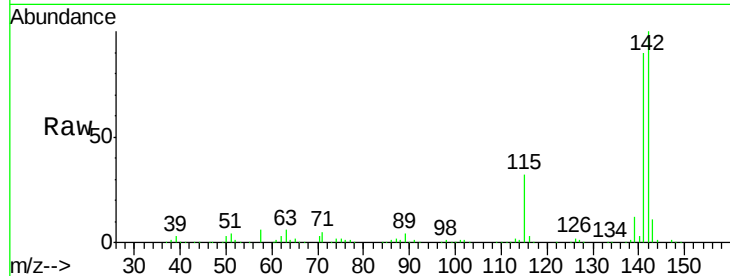
#37
2-Methylnaphthalene
Concen: 39.033 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	698824		
141	89.8	71.3	106.9	
115	31.7	27.1	40.7	

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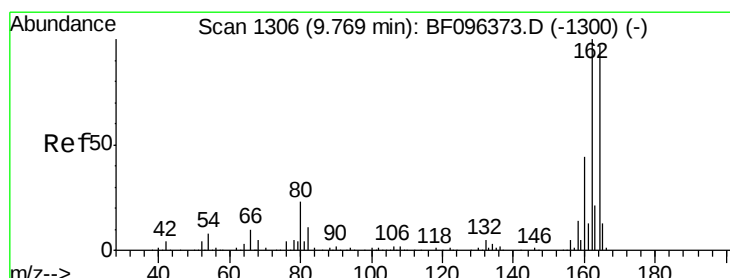
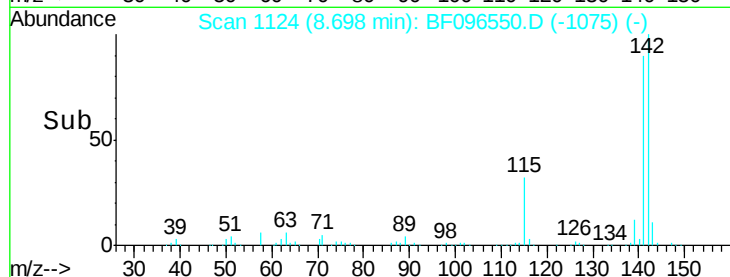
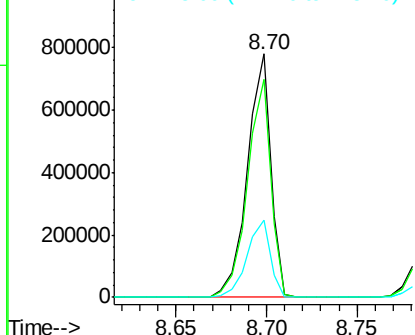


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

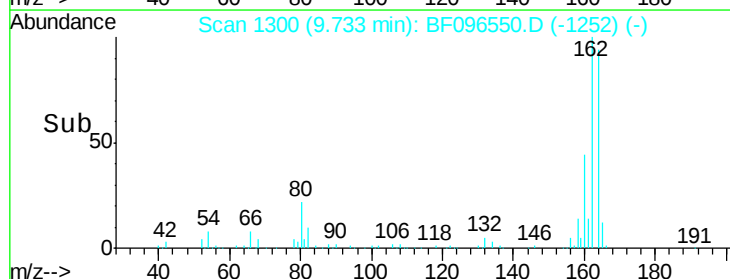
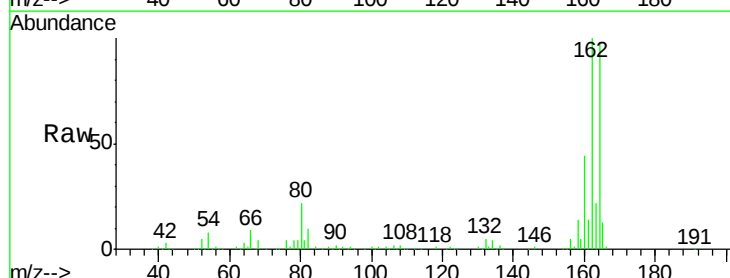
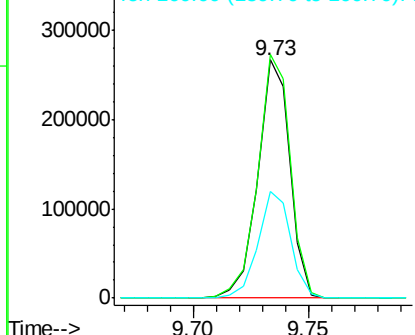
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258691		
162	102.3	82.6	123.8	
160	44.8	36.2	54.2	

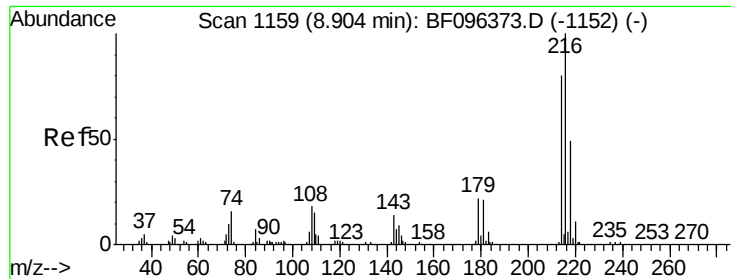
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





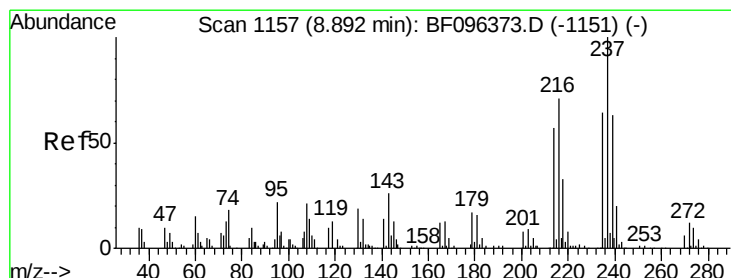
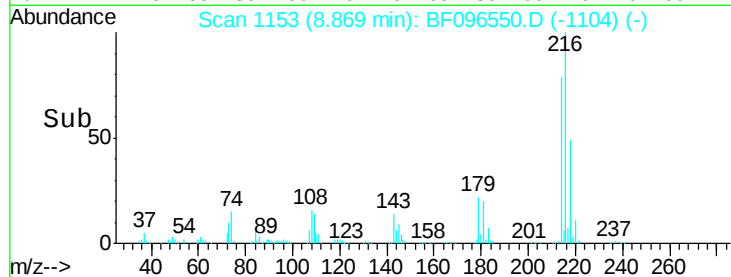
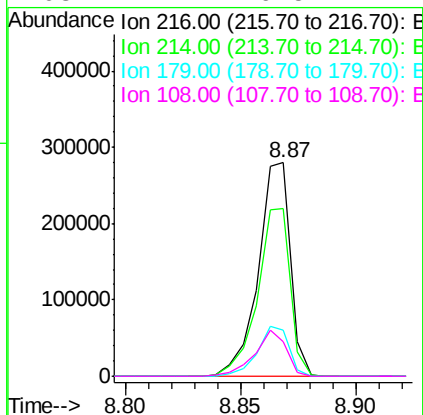
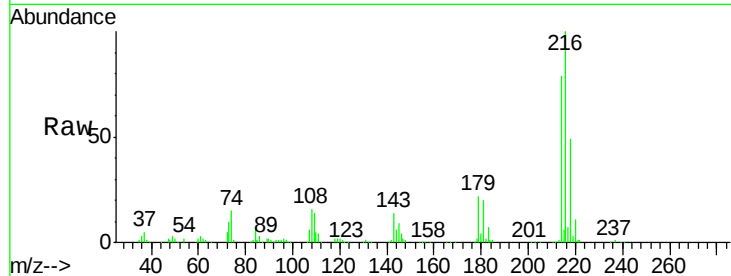
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.635 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.8	17.9	26.9
108	21.1	16.5	24.7

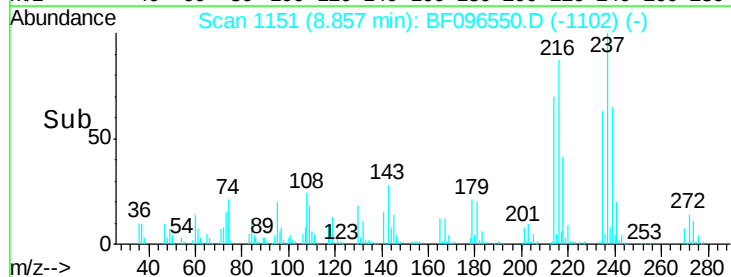
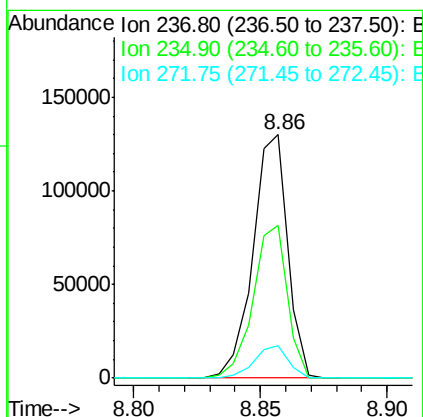
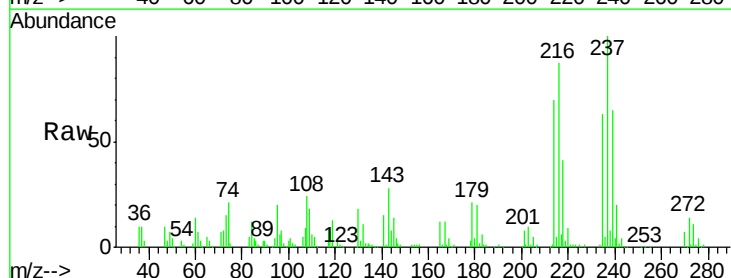
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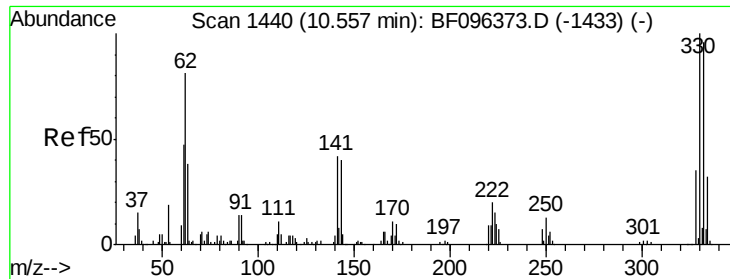
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#40
 Hexachlorocyclopentadiene
 Concen: 37.931 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	13.5	0.0	31.9





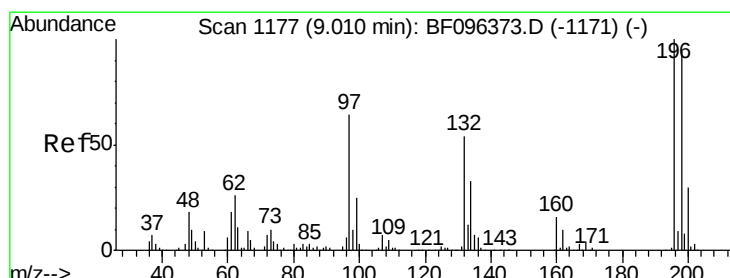
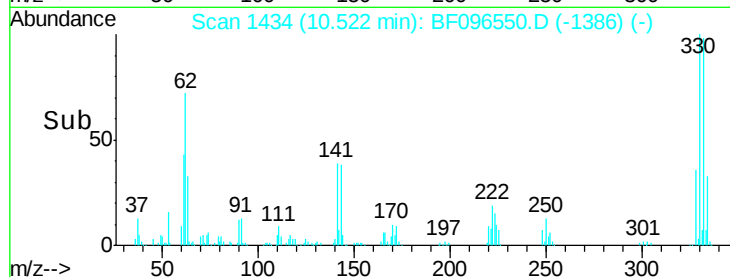
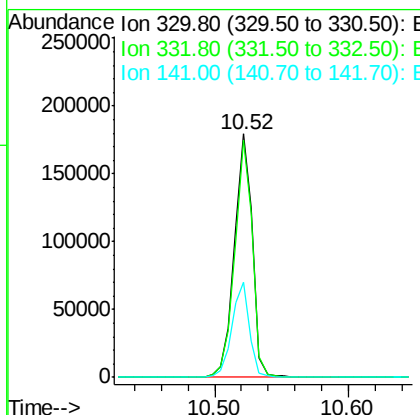
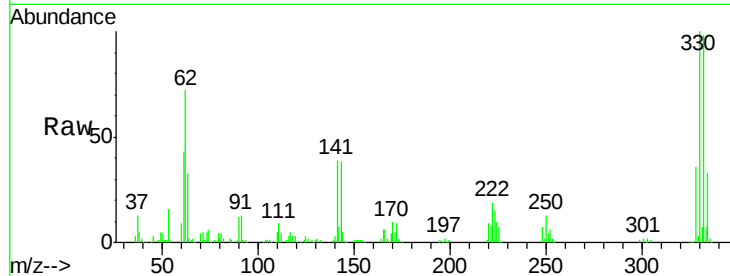
#41
 2,4,6-Tribromophenol
 Concen: 84.425 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	170597		
332	95.9	76.6	115.0	
141	37.9	31.4	47.2	

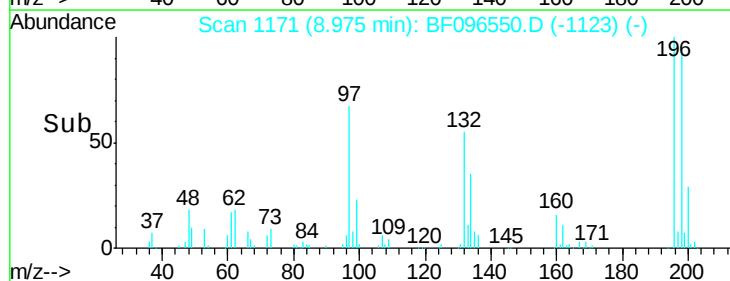
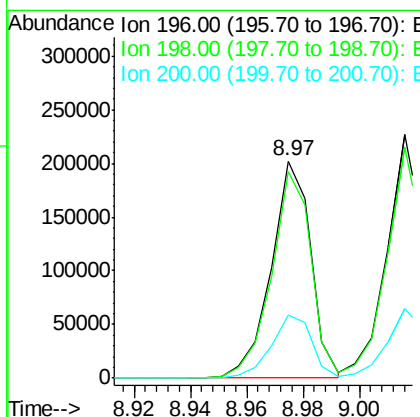
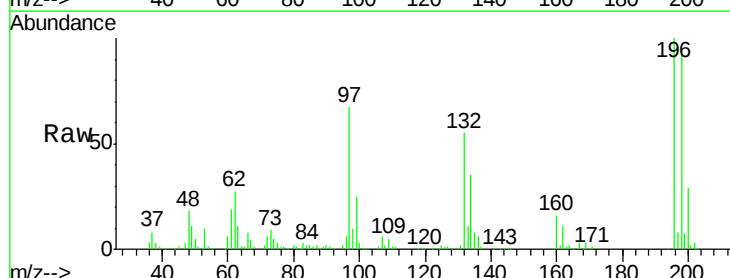
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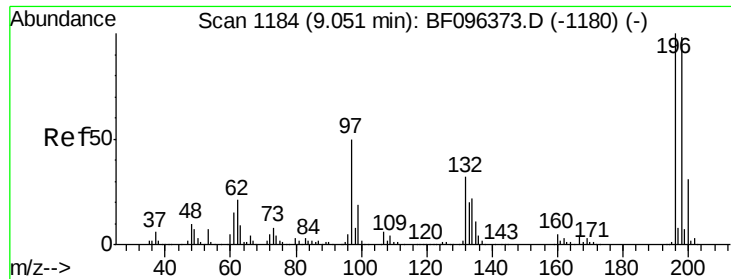
mohammad
 7/10/2017 2:22:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.918 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196171		
198	95.4	74.2	111.4	
200	28.9	24.0	36.0	





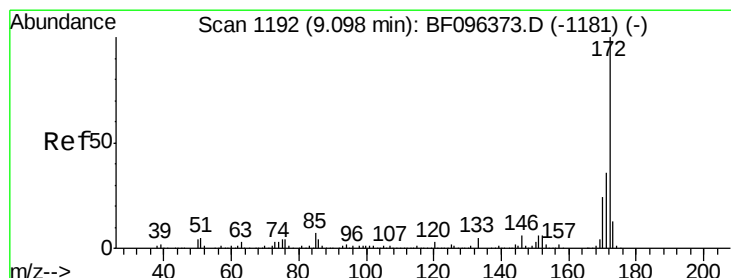
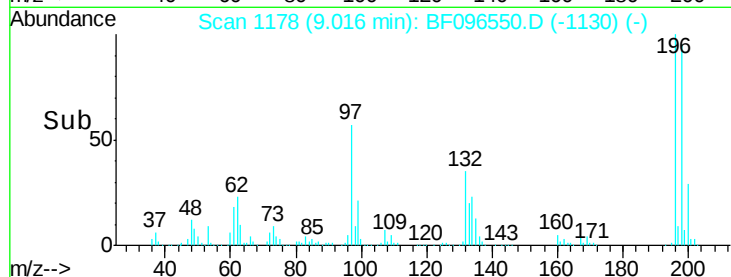
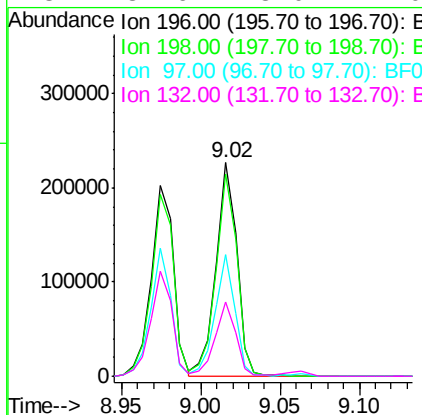
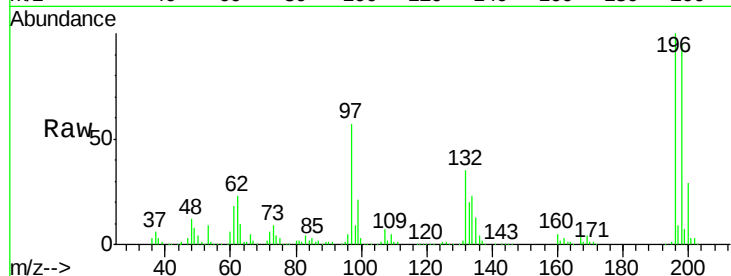
#43
 2,4,5-Trichlorophenol
 Concen: 39.679 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208467		
198	94.6	75.7	113.5	
97	56.8	47.7	71.5	
132	34.6	28.0	42.0	

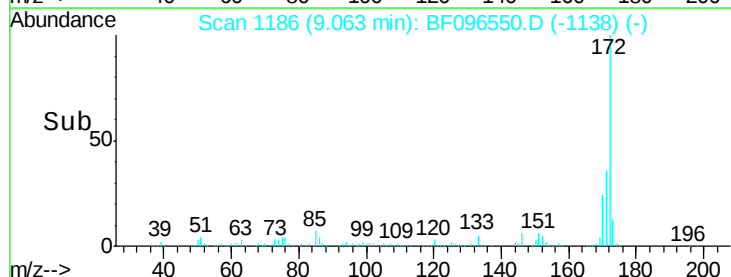
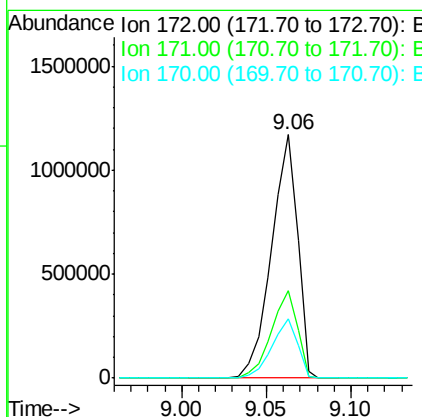
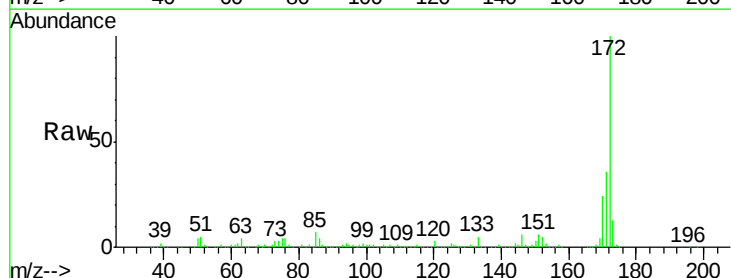
Manual Integrations
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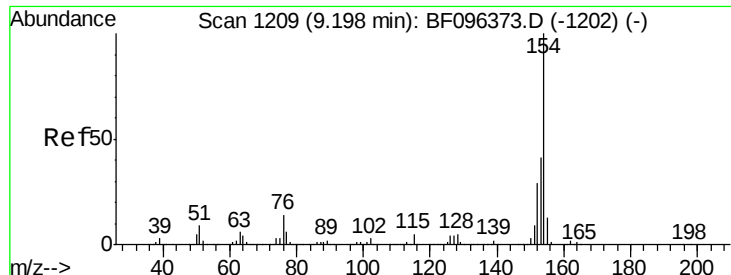
mohammad
 7/10/2017 2:22:02 PM



#44
 2-Fluorobiphenyl
 Concen: 81.789 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1237484		
171	36.1	29.6	44.4	
170	24.2	19.8	29.8	





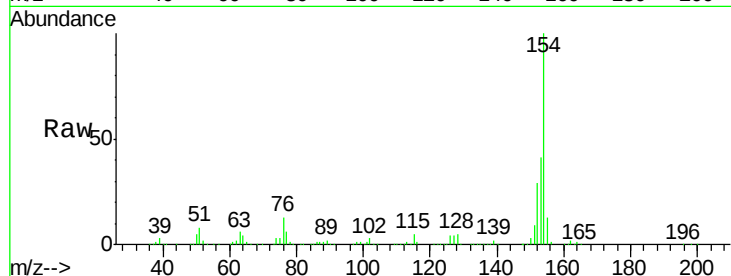
#45
 1,1'-Biphenyl
 Concen: 39.235 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

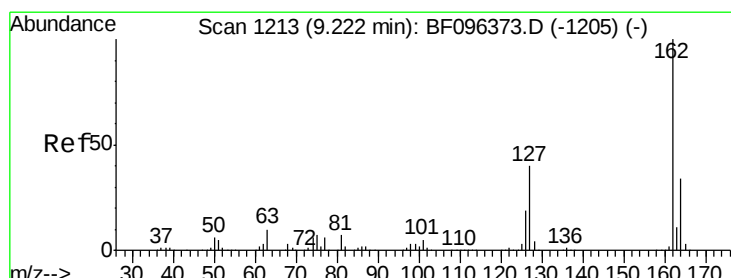
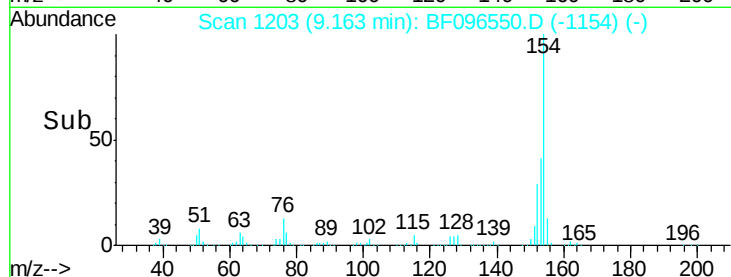
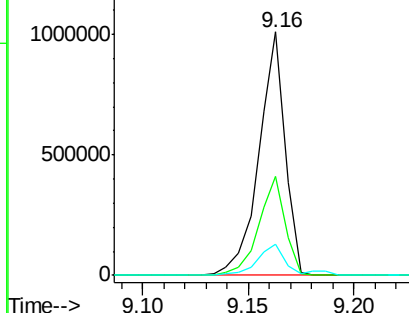
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.8	21.2	61.2
76	12.6	0.0	29.9

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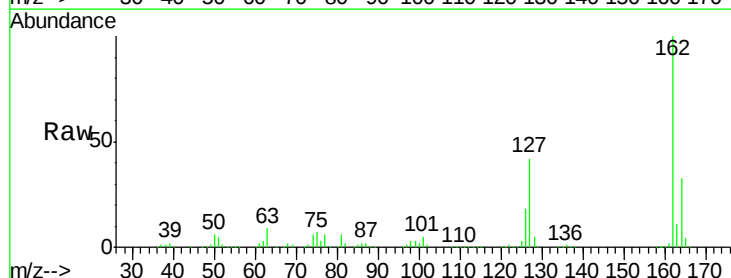


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

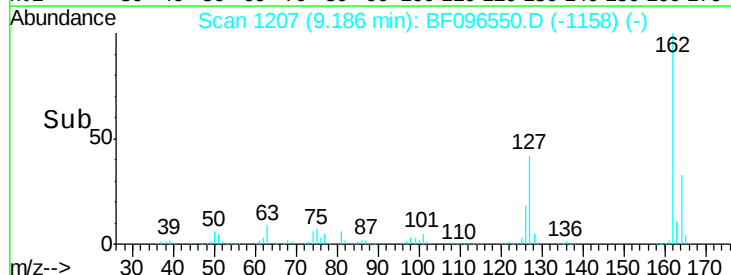
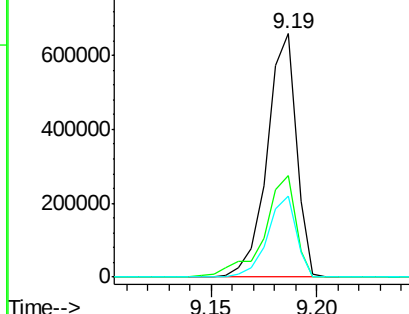


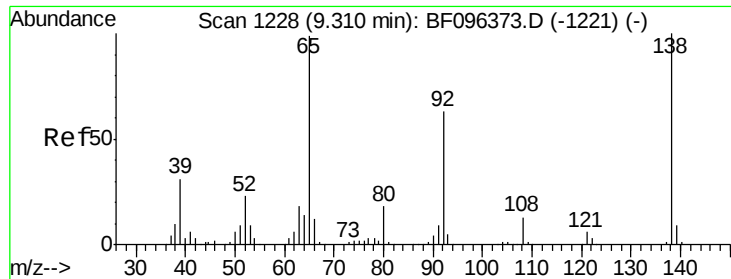
#46
 2-Chloronaphthalene
 Concen: 38.480 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.7	28.3	42.5
164	33.4	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





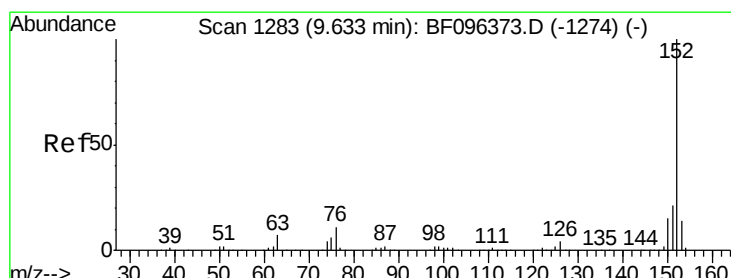
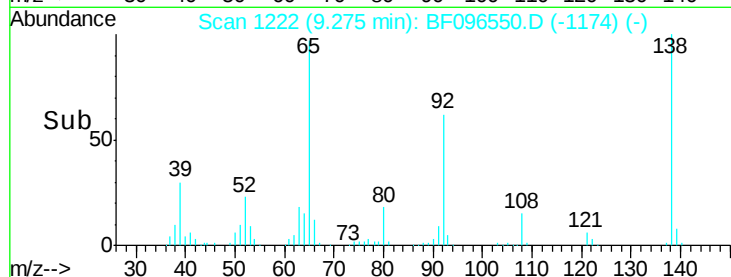
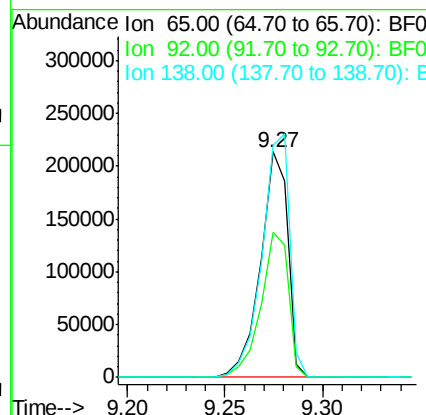
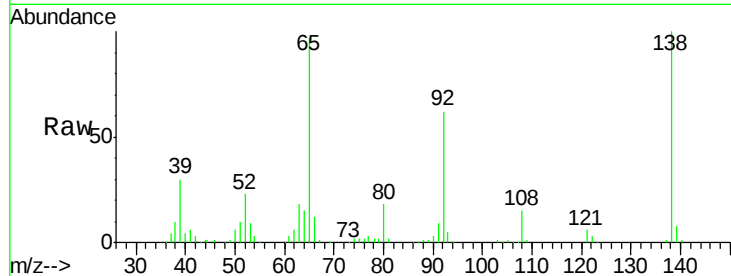
#47
2-Nitroaniline
Concen: 34.531 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	53.9	80.9
138	102.9	78.8	118.2

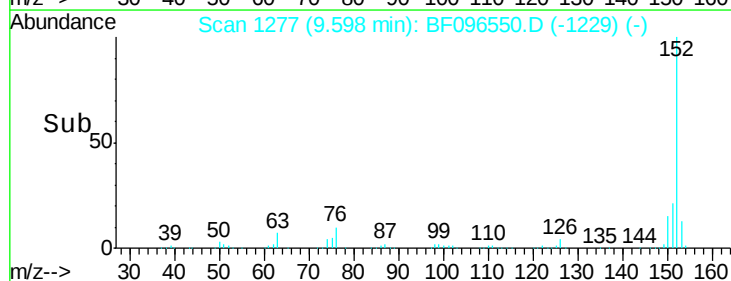
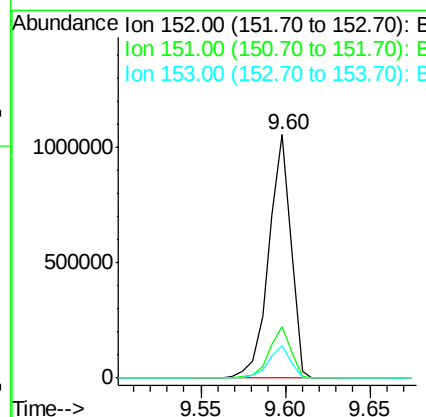
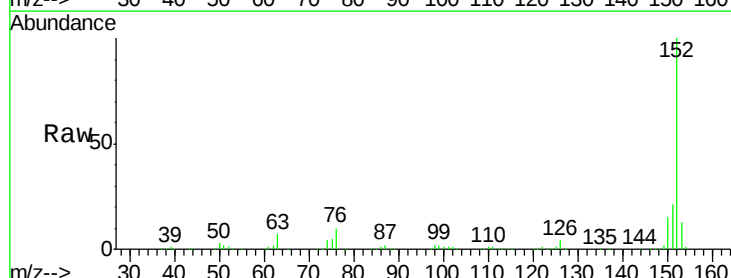
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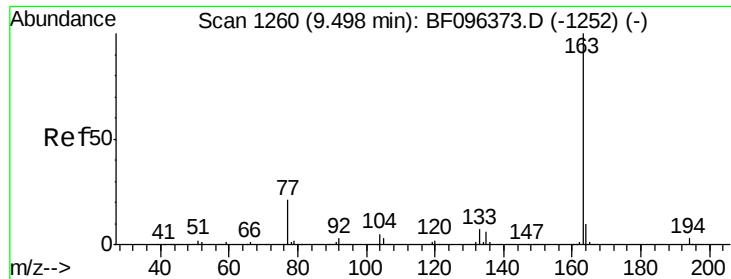
mohammad
7/10/2017 2:22:02 PM



#48
Acenaphthylene
Concen: 36.379 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.2	10.8	16.2





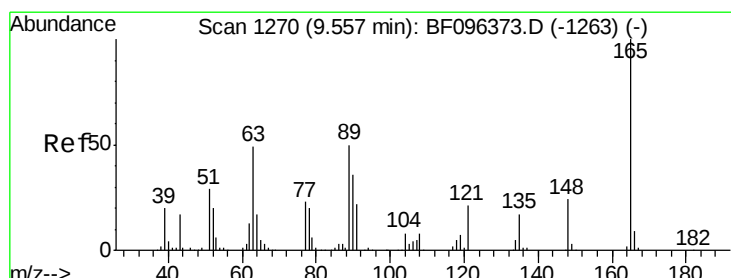
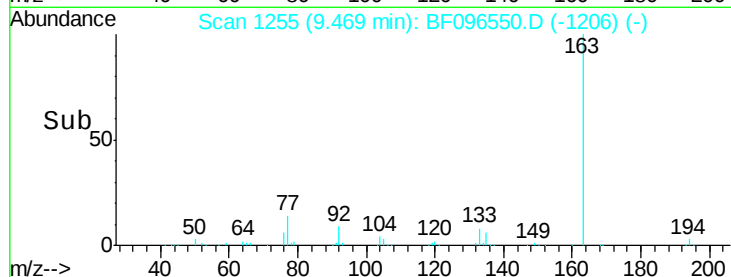
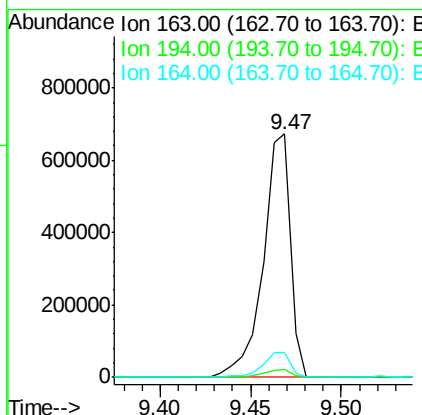
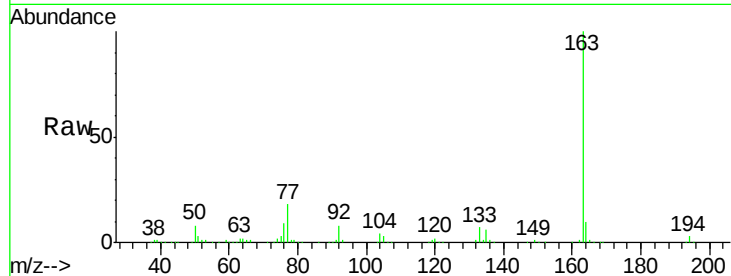
#49
Dimethylphthalate
Concen: 36.301 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.4	12.6

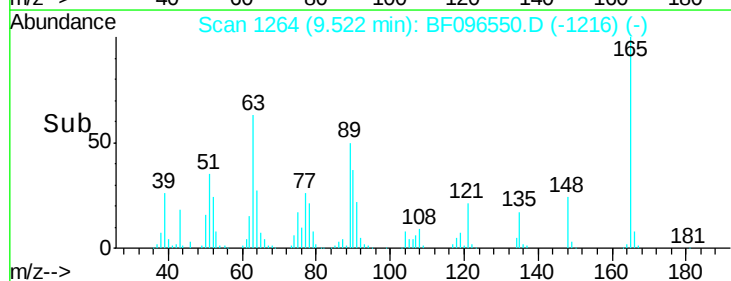
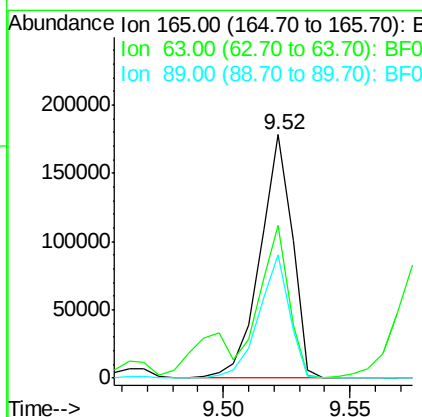
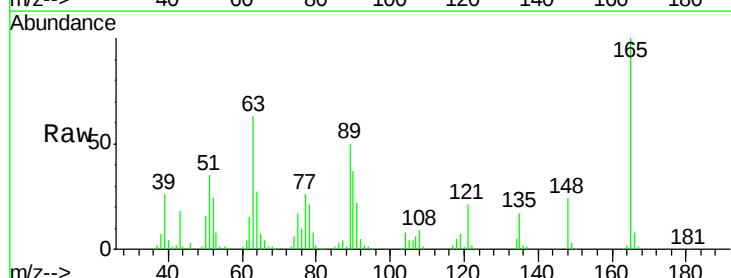
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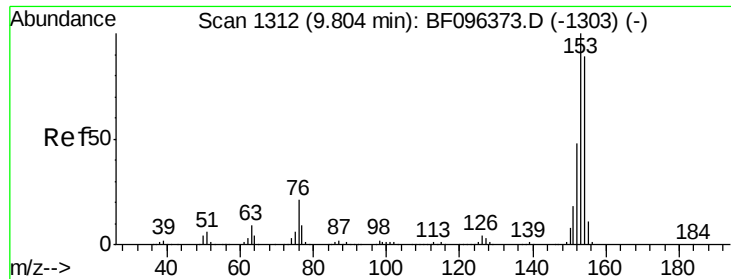
mohammad
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#50
2,6-Dinitrotoluene
Concen: 37.004 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	62.7	34.3	51.5#
89	50.4	37.1	55.7





#51

Acenaphthene

Concen: 36.567 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

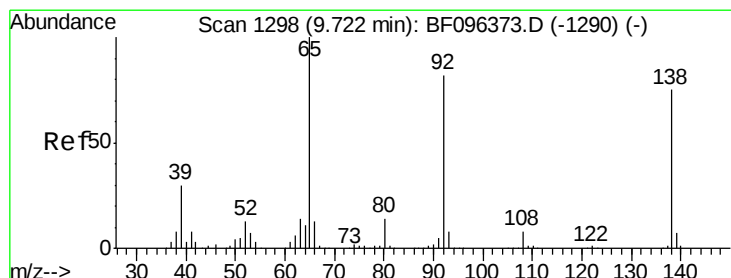
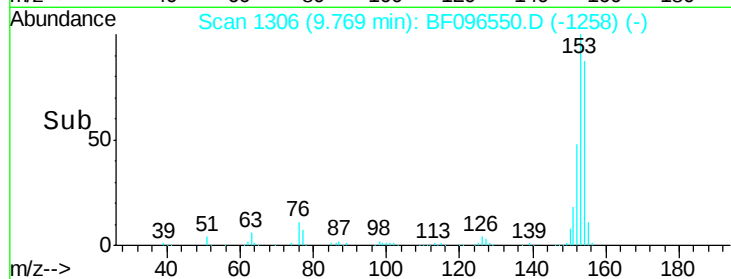
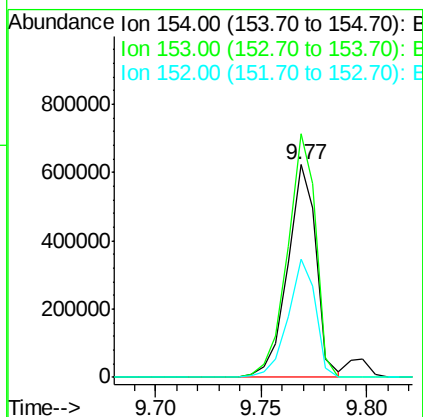
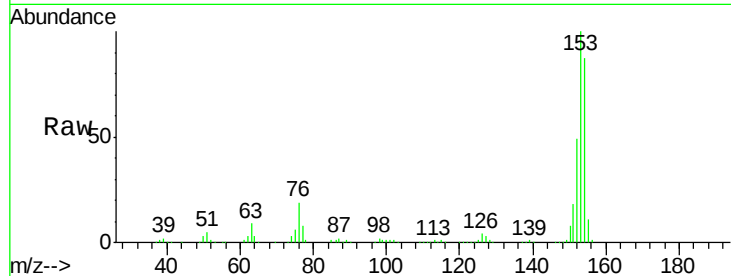
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	589968
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.5	135.7
152	55.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 38.752 ng

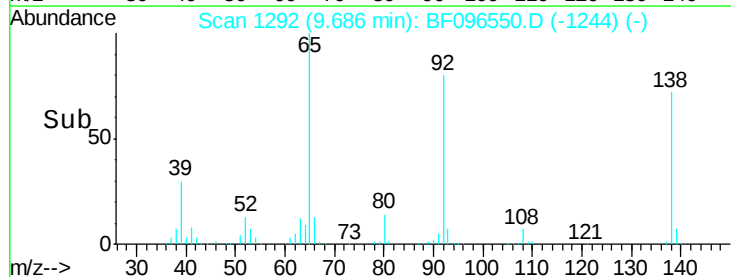
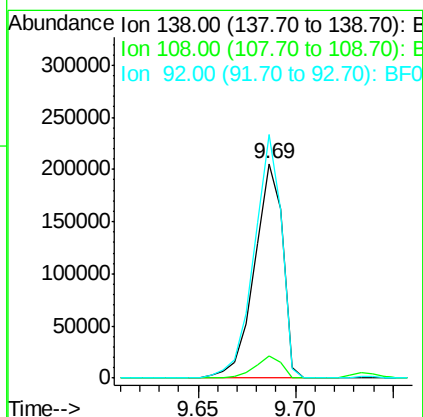
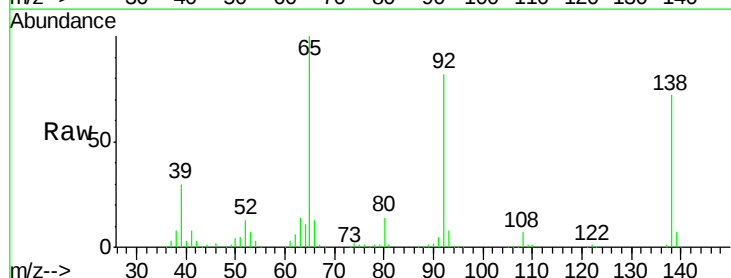
RT: 9.69 min Scan# 1292

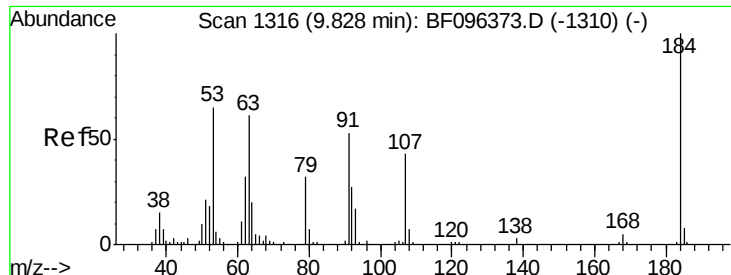
Delta R.T. -0.02 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Tgt Ion:	138	Resp:	206409
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.1	13.7
92	113.5	93.8	140.6





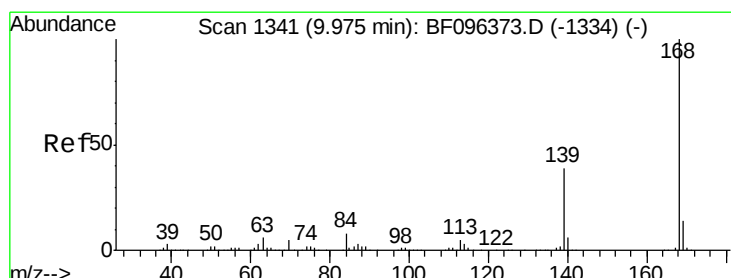
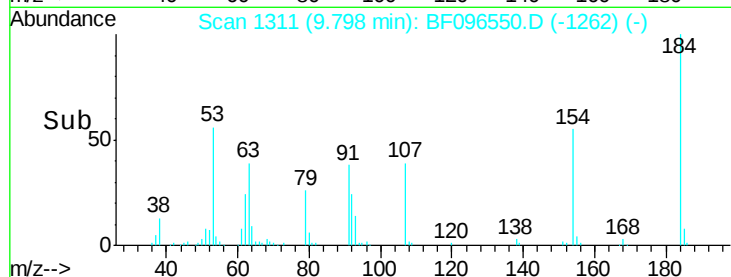
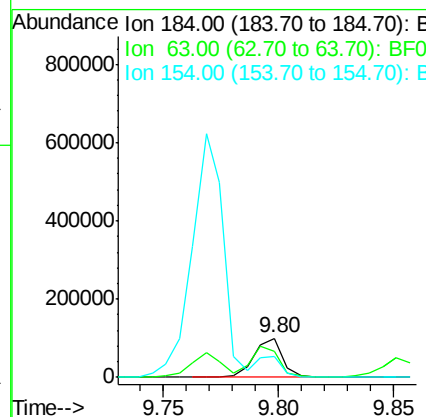
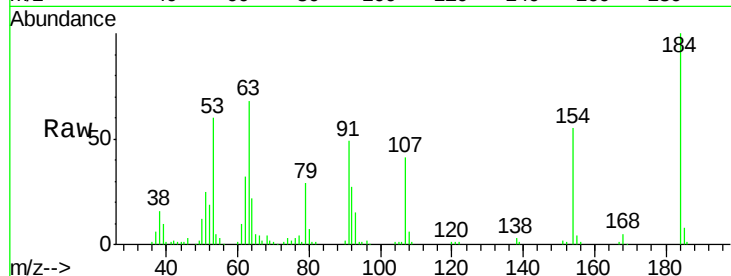
#53
2,4-Dinitrophenol
Concen: 38.414 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	62.7	94.1
154	55.1	81.1	121.7#

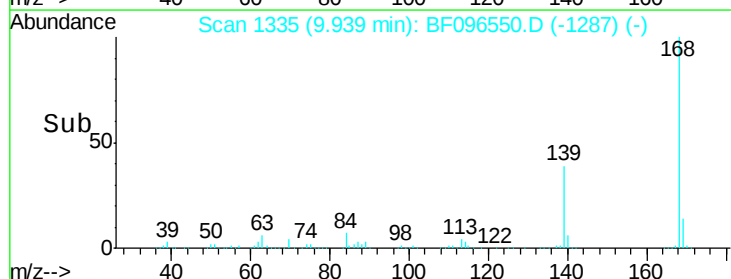
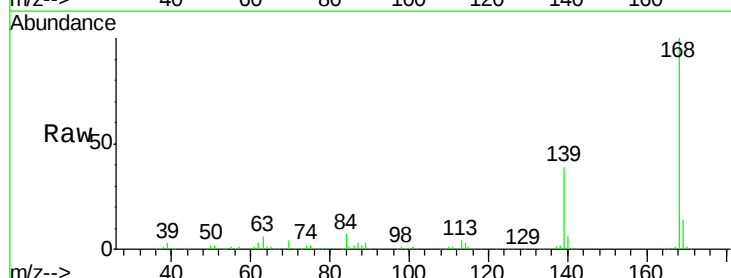
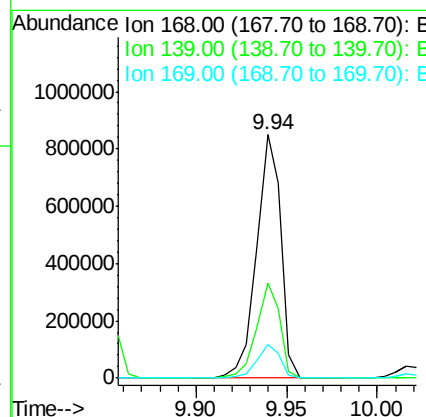
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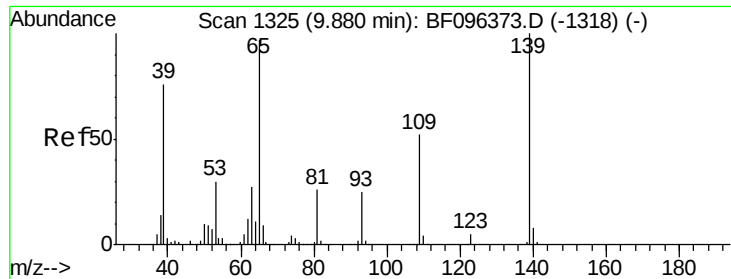
mohammad
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#54
Dibenzofuran
Concen: 36.827 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.6	45.8
169	13.6	10.8	16.2





#55

4-Nitrophenol

Concen: 37.298 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

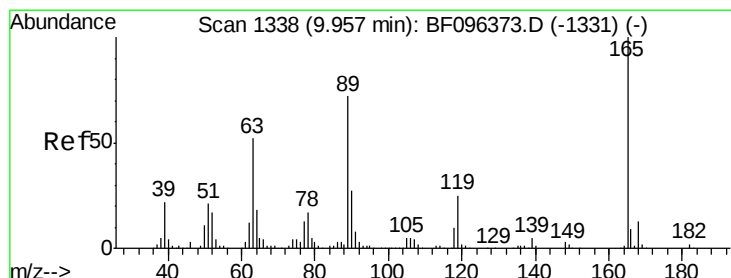
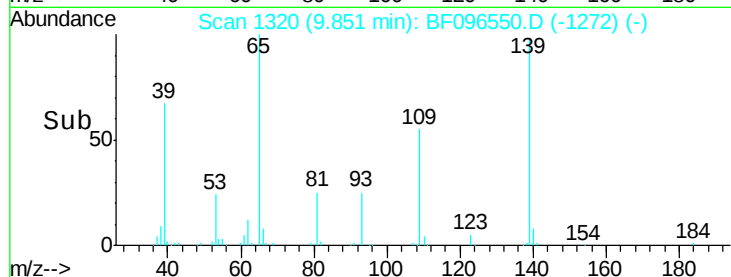
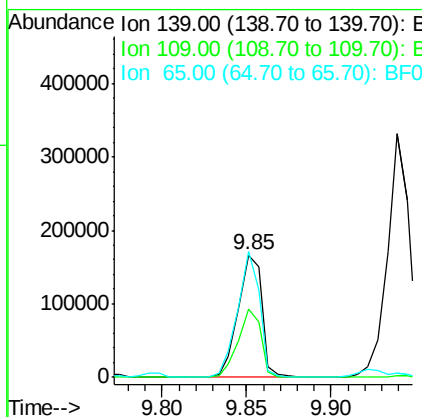
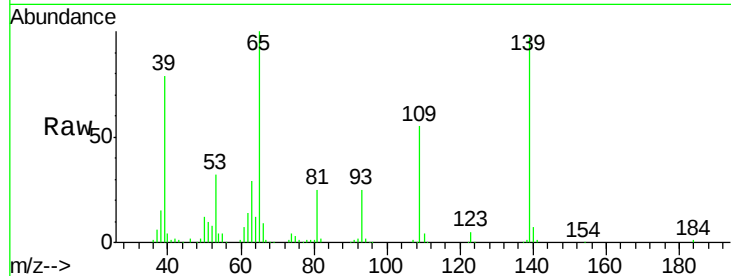
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	164662		
109	56.1	34.1	74.1	
65	102.8	31.4	71.4#	

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#56

2,4-Dinitrotoluene

Concen: 37.922 ng

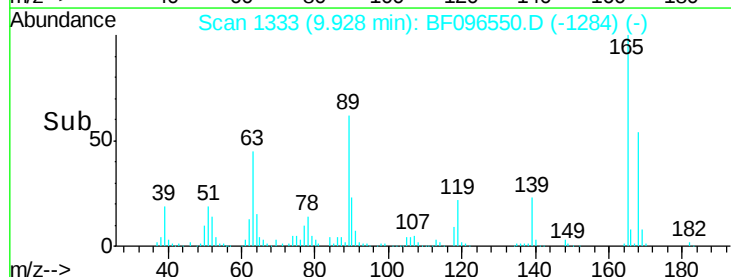
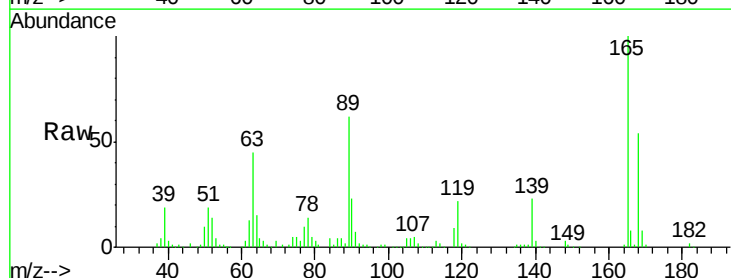
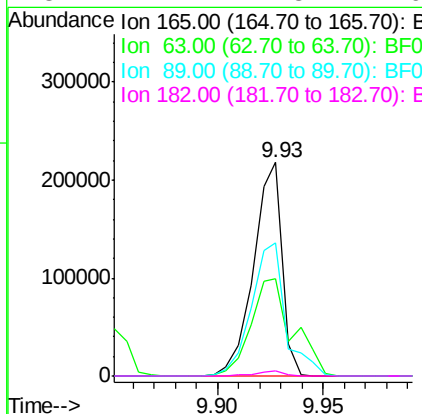
RT: 9.93 min Scan# 1333

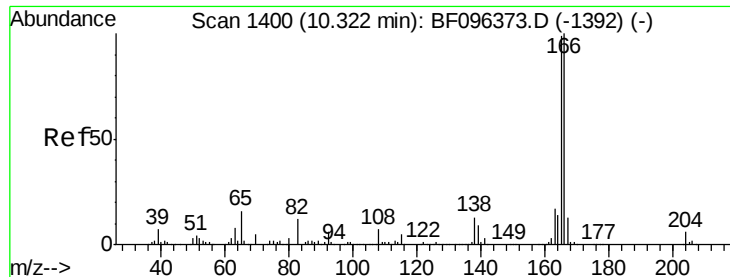
Delta R.T. -0.01 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	205082		
63	45.5	25.4	38.0#	
89	62.2	46.4	69.6	
182	2.4	1.8	2.6	





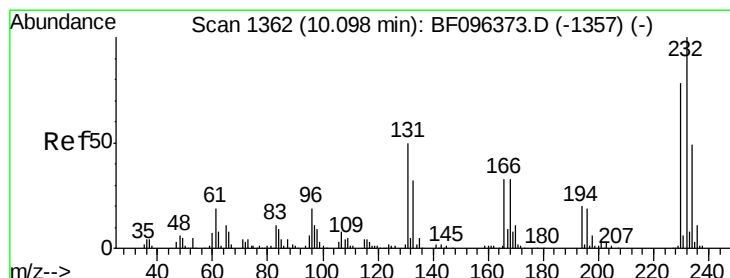
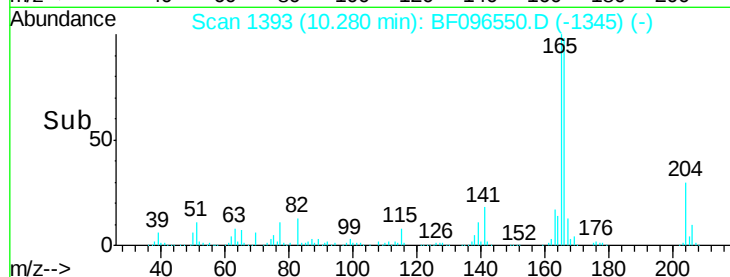
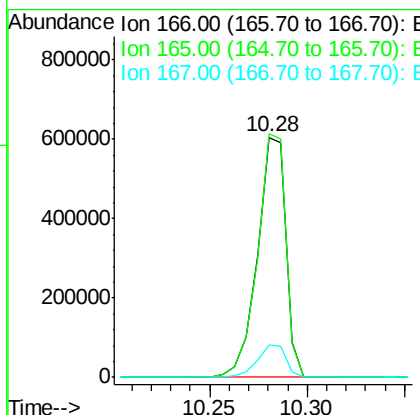
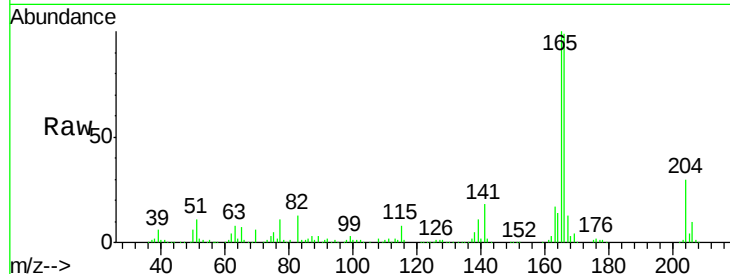
#57
 Fluorene
 Concen: 40.607 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	610889		
165	101.4	78.8	118.2	
167	13.6	10.6	16.0	

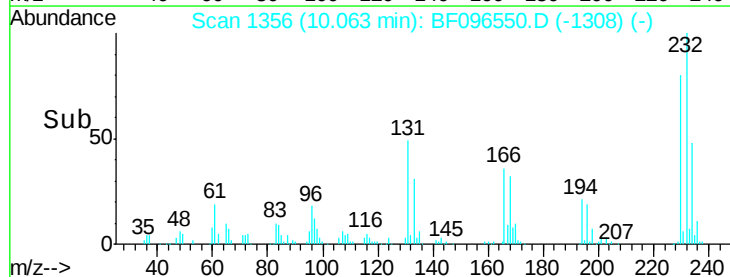
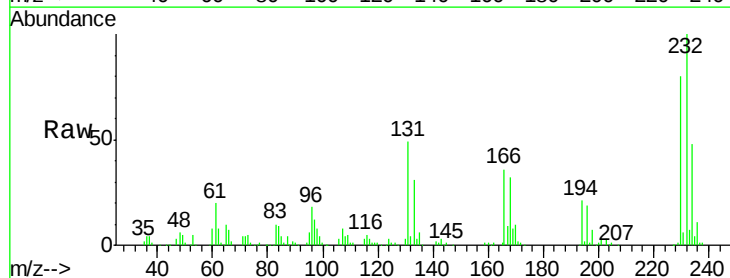
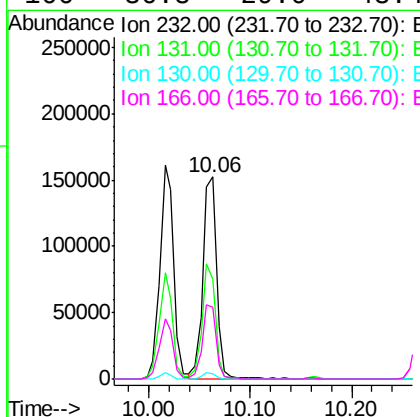
Manual Integrations
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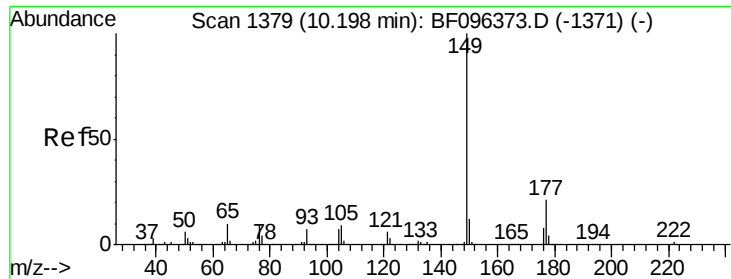
mohammad
 7/10/2017 2:22:02 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.812 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	144714		
131	55.0	44.8	67.2	
130	2.8	2.3	3.5	
166	36.8	29.0	43.4	





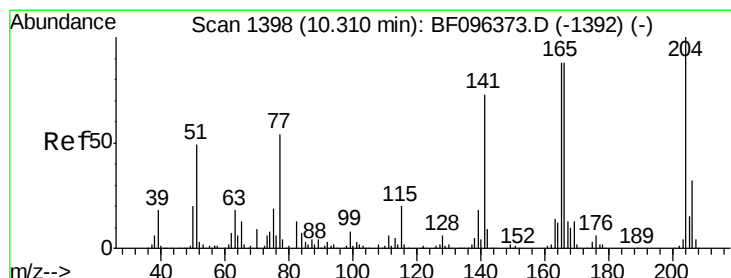
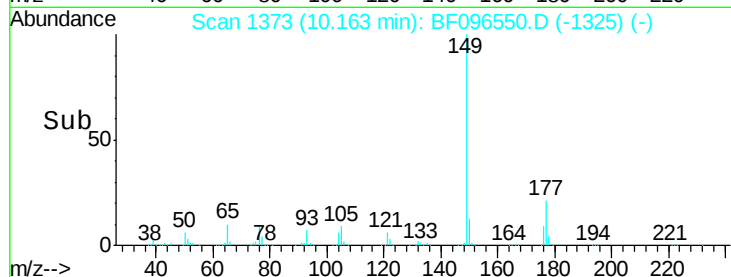
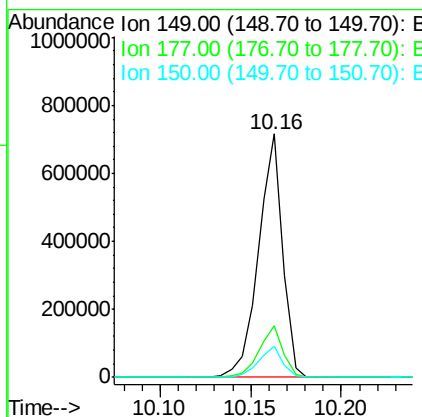
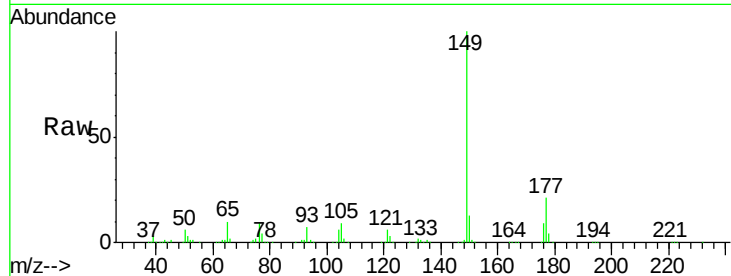
#59
Diethylphthalate
Concen: 36.246 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.6	10.2	15.2

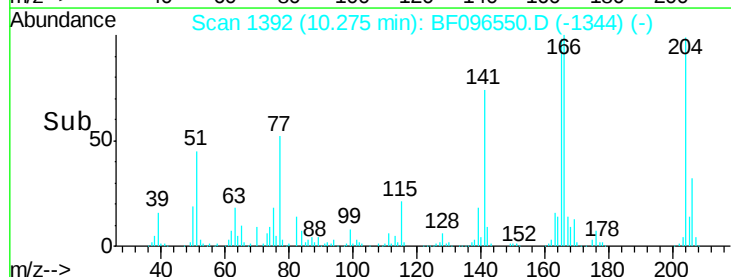
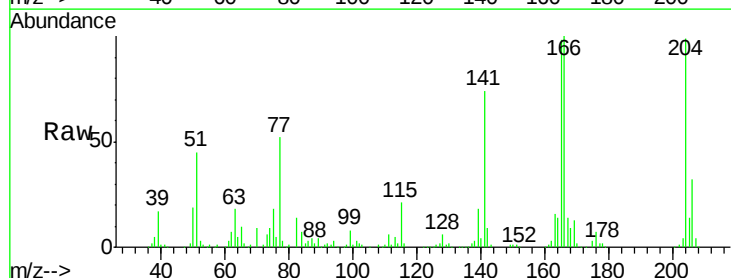
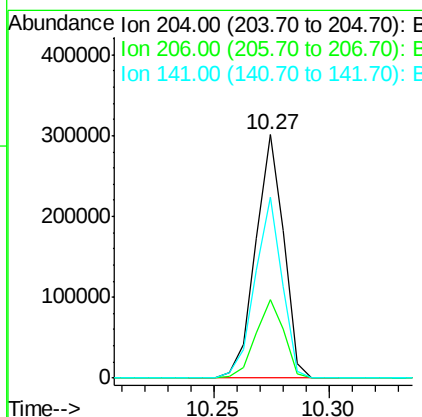
Manual Integrations
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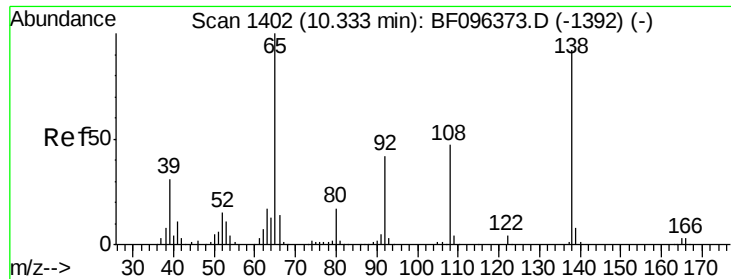
mohammad
7/10/2017 2:22:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.246 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	74.5	60.8	91.2





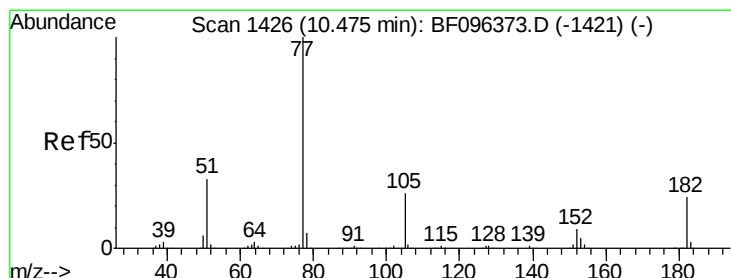
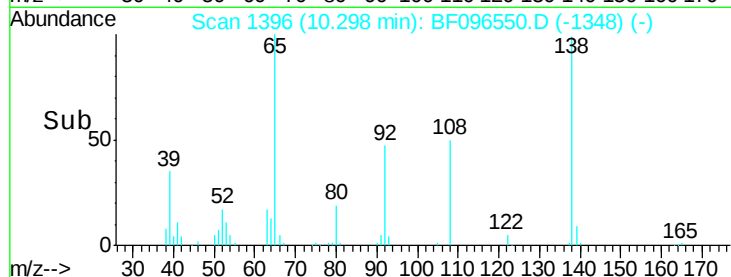
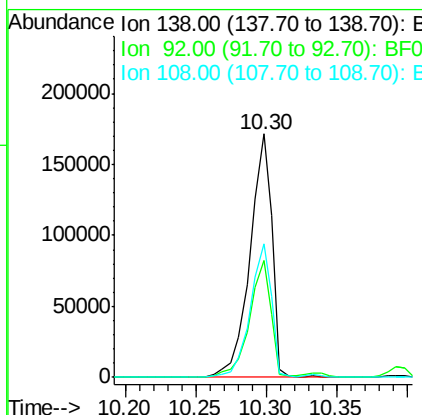
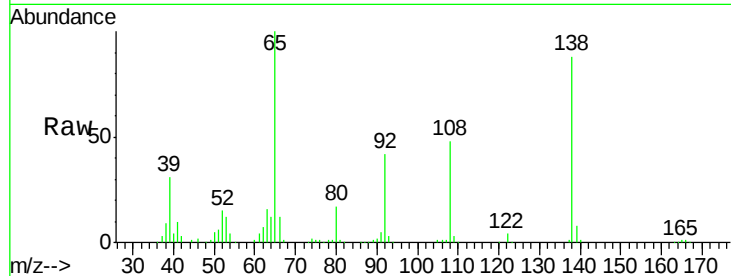
#61
4-Nitroaniline
Concen: 38.912 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	188455		
92	47.8	21.8	61.8	
108	55.0	42.3	82.3	

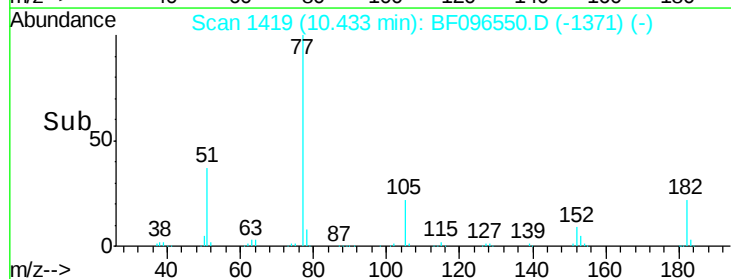
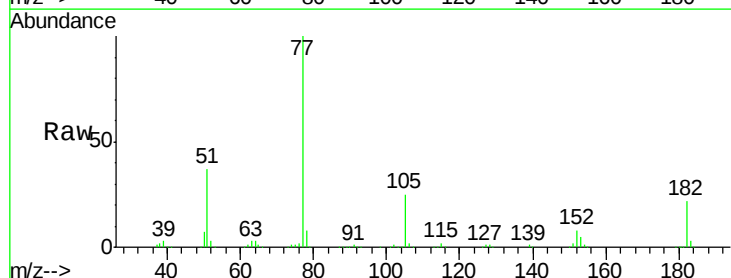
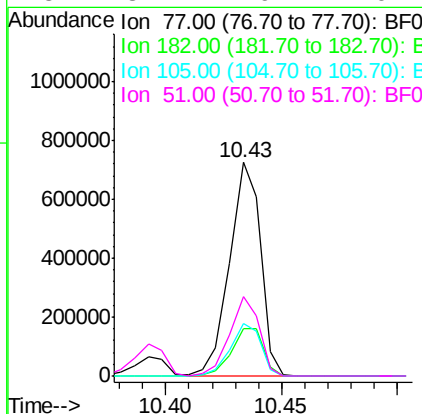
Manual Integrations
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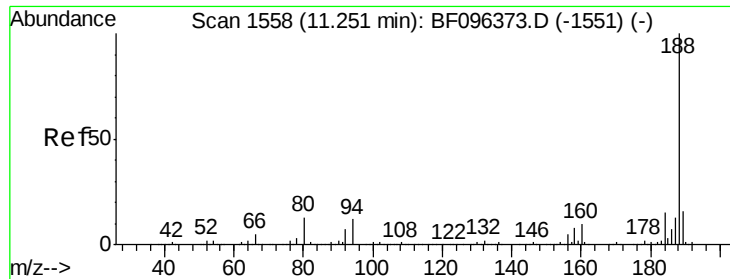
mohammad
7/10/2017 2:22:02 PM



#62
Azobenzene
Concen: 38.380 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	677402		
182	22.0	0.1	40.1	
105	24.9	3.6	43.6	
51	37.4	9.4	49.4	





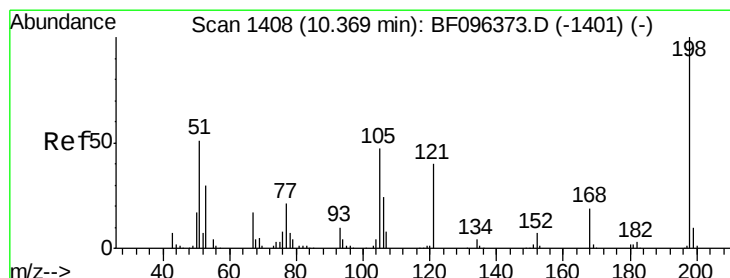
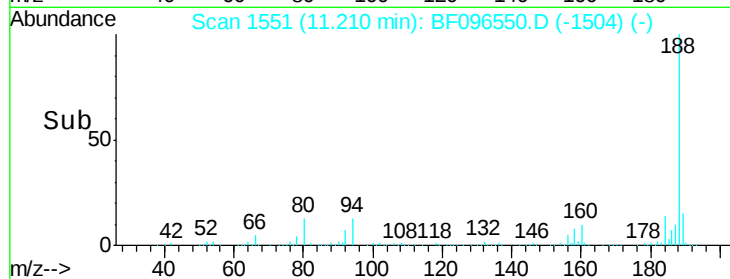
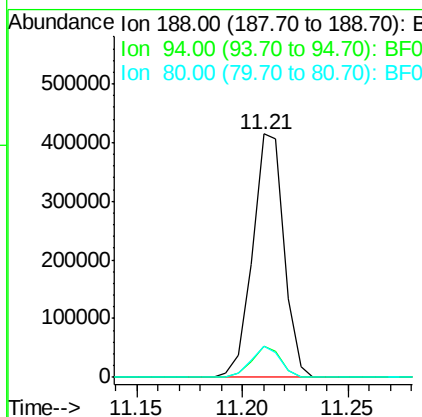
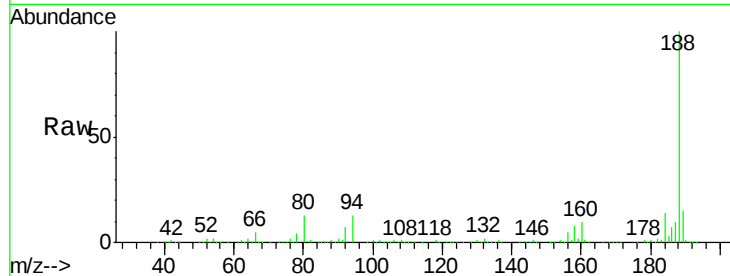
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	428341		
94	13.0	9.4	14.2	
80	13.0	10.2	15.2	

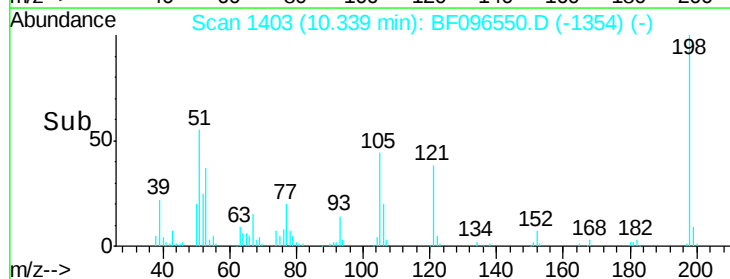
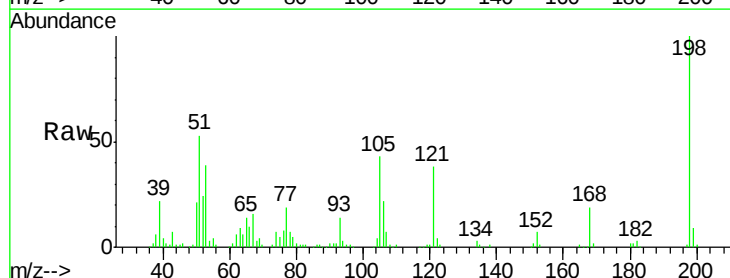
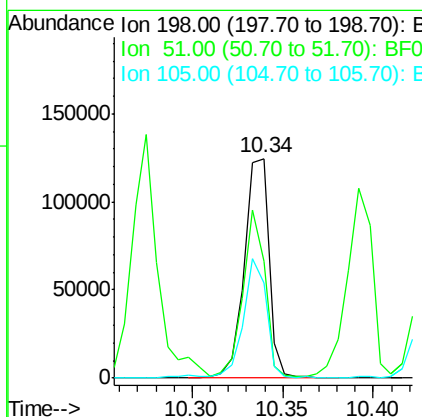
Manual Integrations
APPROVED

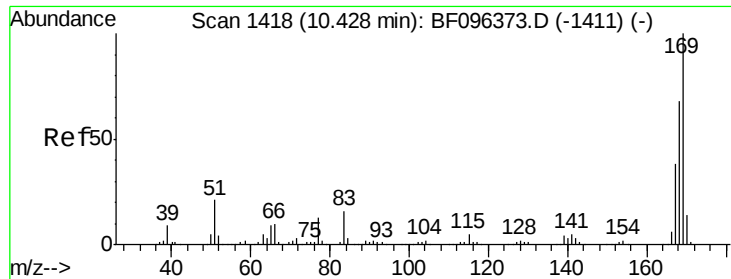
mohammad
7/10/2017 2:22:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.109 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	118487		
51	53.2	53.2	93.2#	
105	43.2	45.8	85.8#	





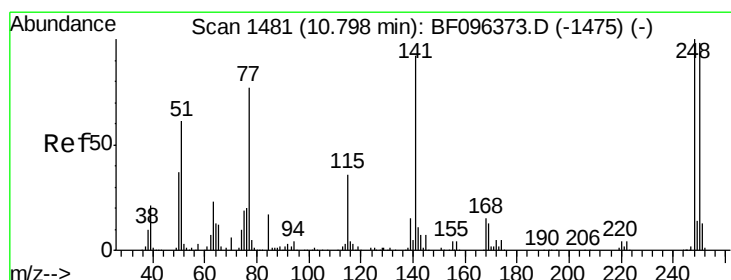
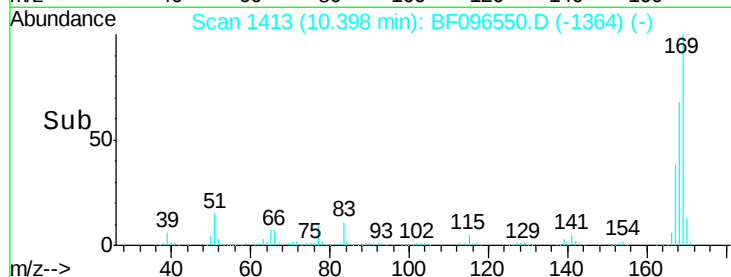
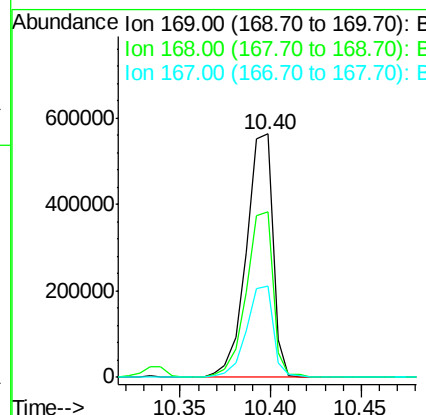
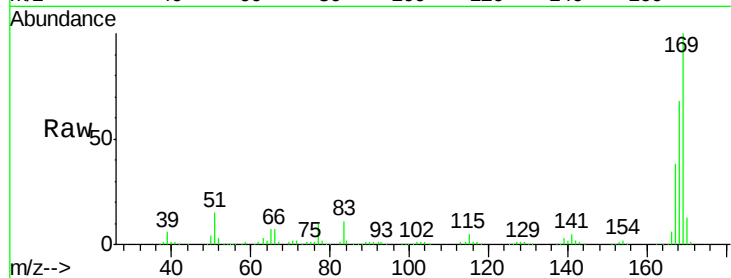
#65
n-Nitrosodiphenylamine
Concen: 38.236 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.2	79.8
167	37.7	29.5	44.3

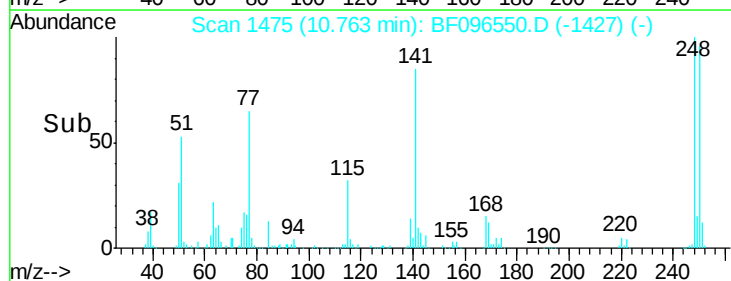
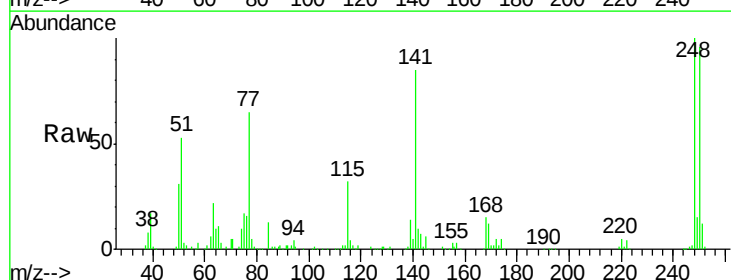
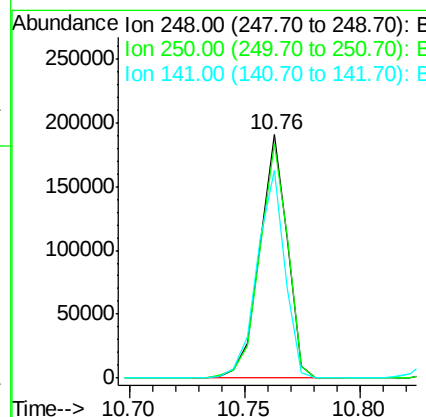
Manual Integrations
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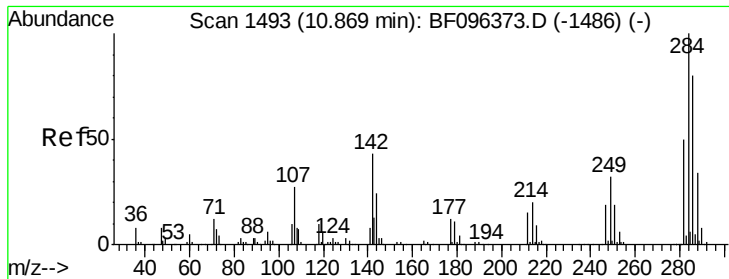
mohammad
7/10/2017 2:22:02 PM



#66
4-Bromophenyl-phenylether
Concen: 38.141 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.8	115.2
141	85.4	68.6	103.0





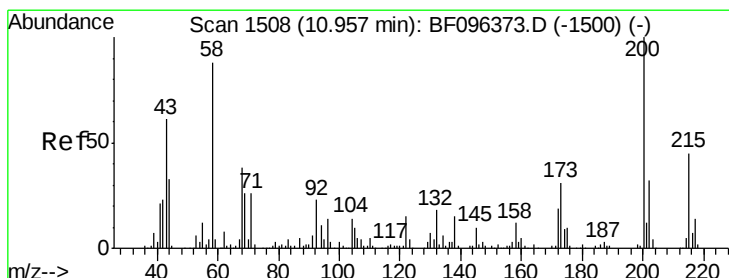
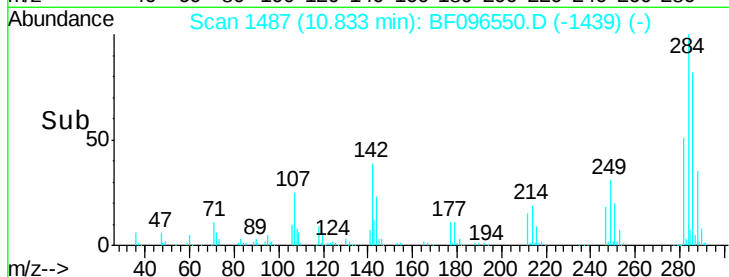
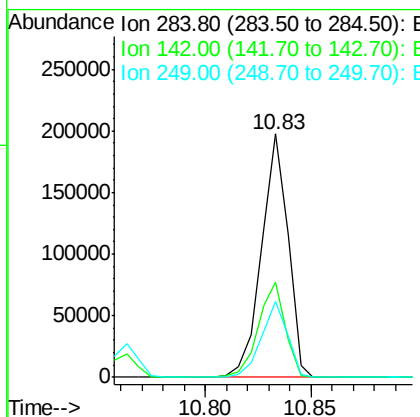
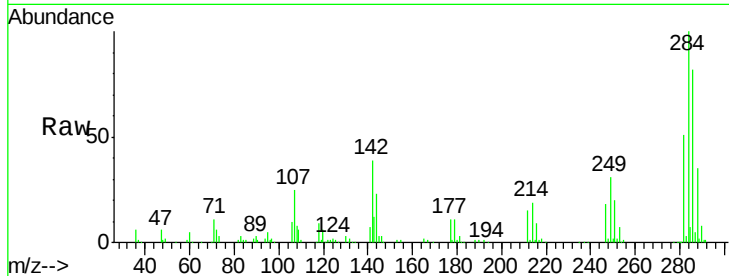
#67
Hexachlorobenzene
Concen: 37.958 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	22.8	34.2#
249	31.3	24.0	36.0

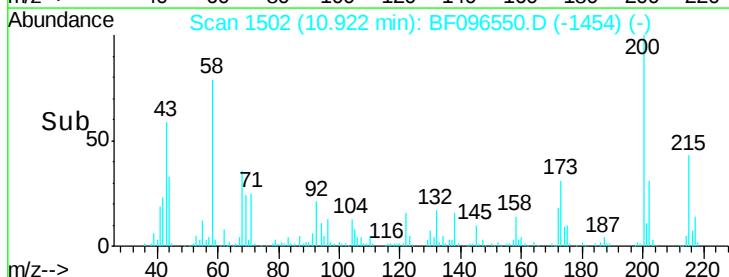
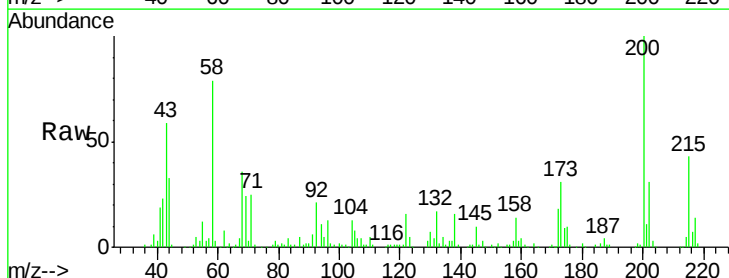
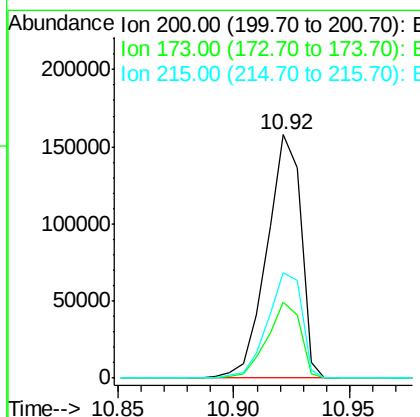
Manual Integrations
APPROVED

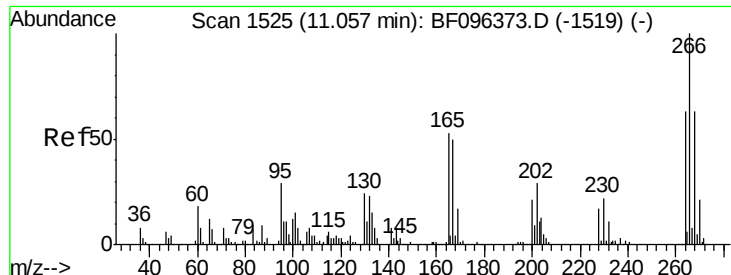
mohammad
7/10/2017 2:22:02 PM



#68
Atrazine
Concen: 37.593 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.9	6.3	46.3
215	43.1	27.2	67.2





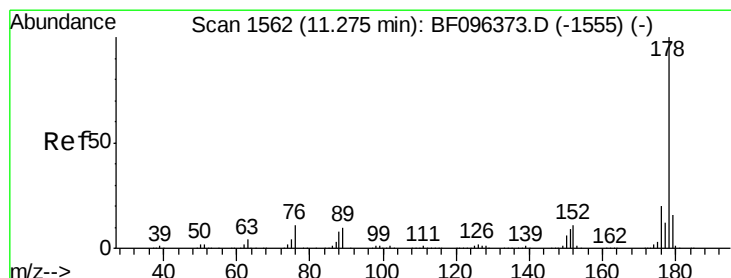
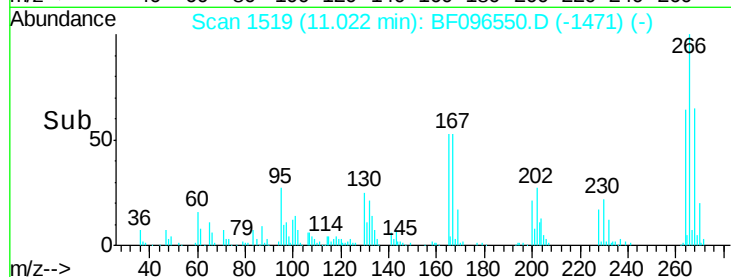
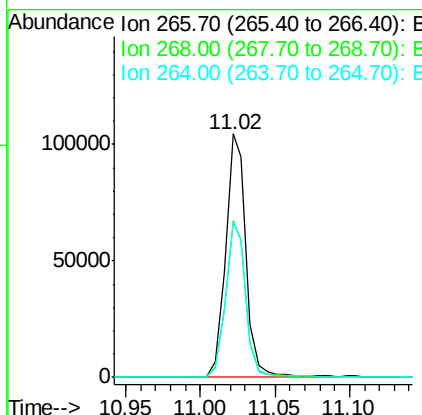
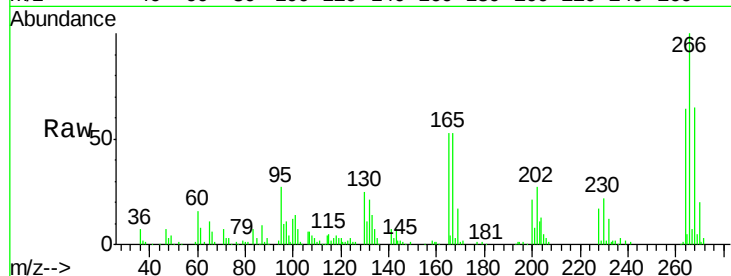
#69
 Pentachlorophenol
 Concen: 37.478 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	64.0	51.7	77.5

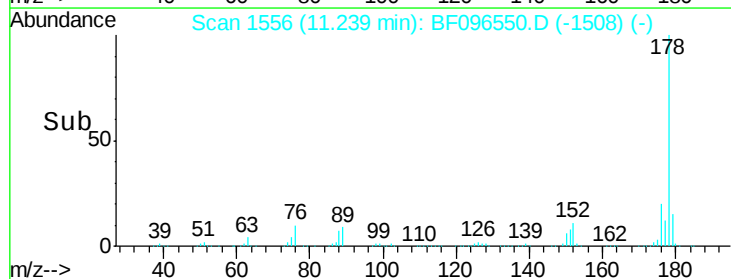
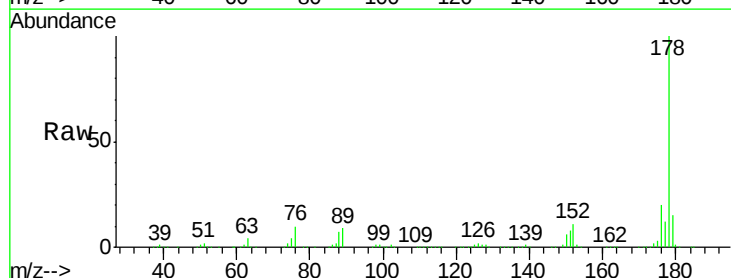
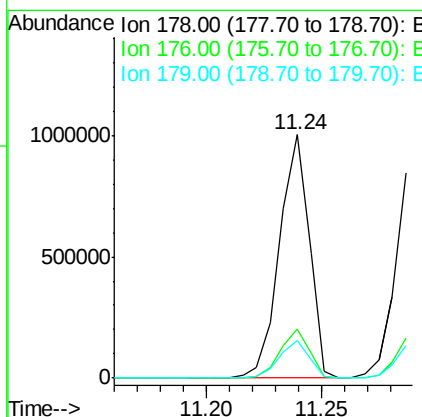
Manual Integrations
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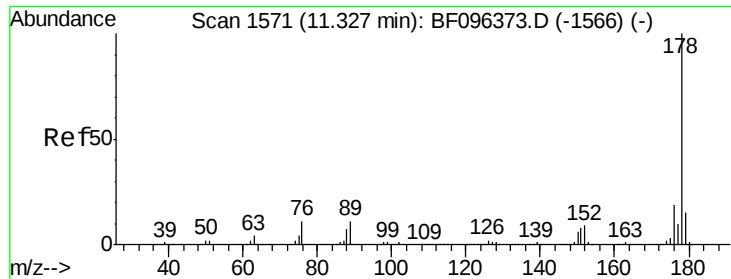
mohammad
 7/10/2017 2:22:02 PM



#70
 Phenanthrene
 Concen: 38.661 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.3	12.6	19.0





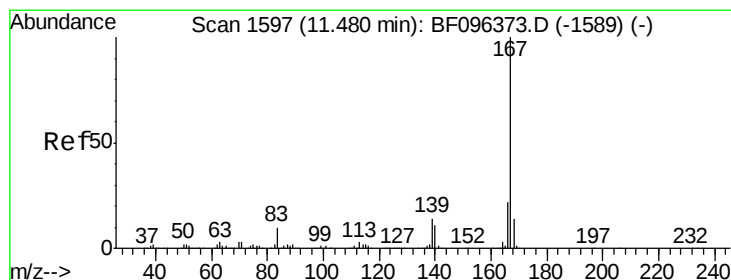
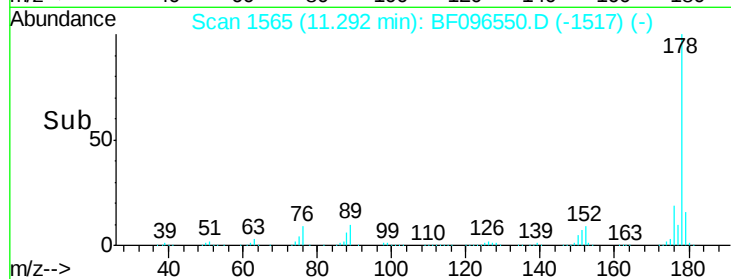
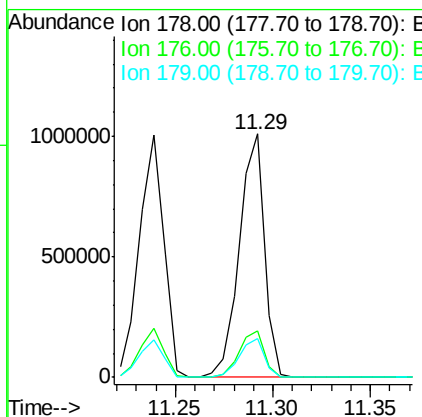
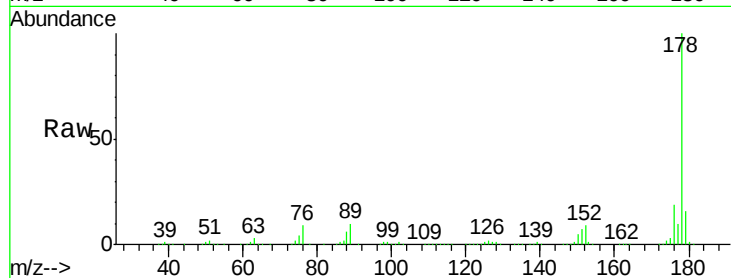
#71
 Anthracene
 Concen: 38.349 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	12.7	19.1

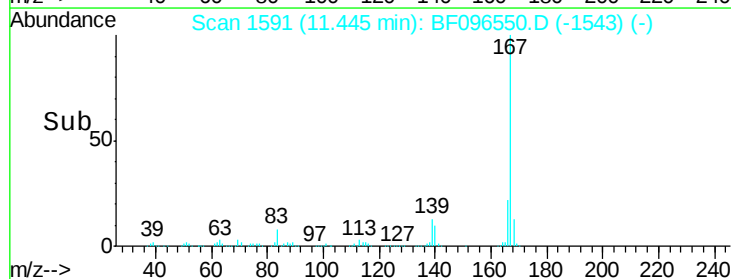
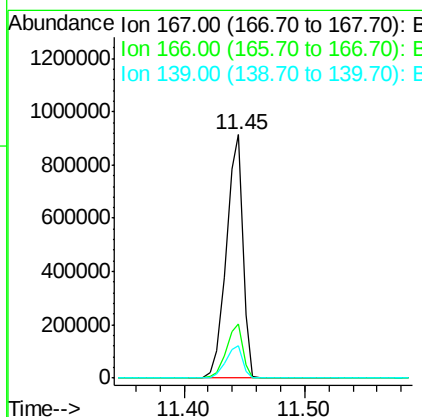
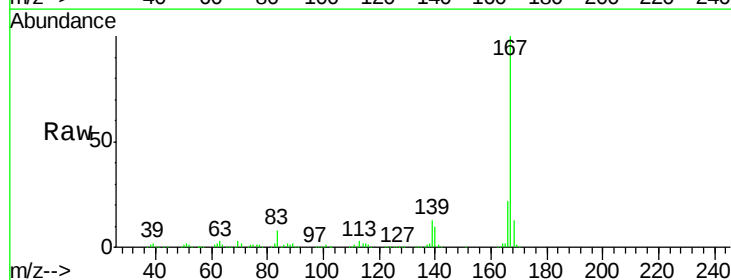
Manual Integrations
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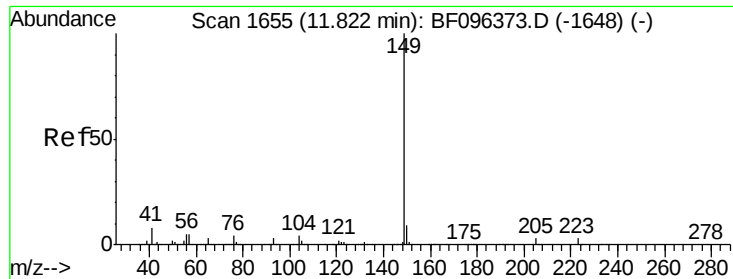
mohammad
 7/10/2017 2:22:02 PM



#72
 Carbazole
 Concen: 36.531 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.4	11.7	17.5





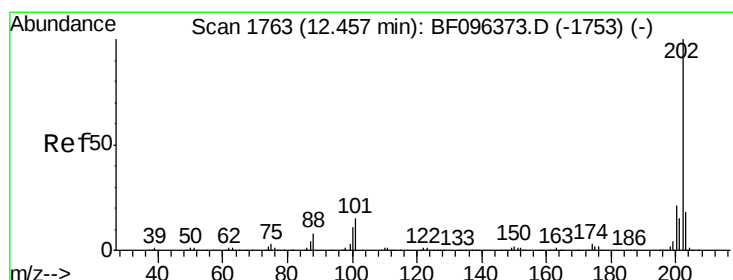
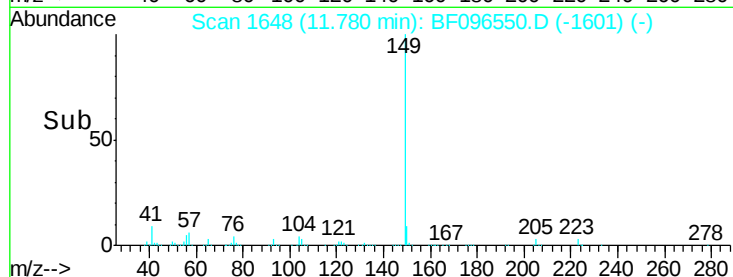
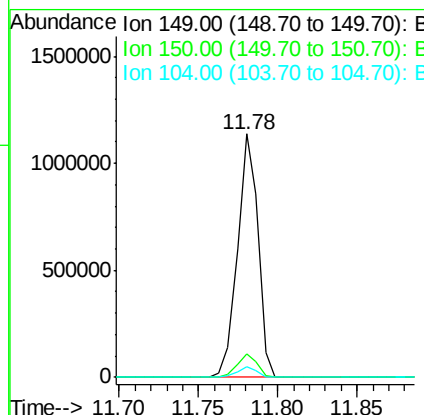
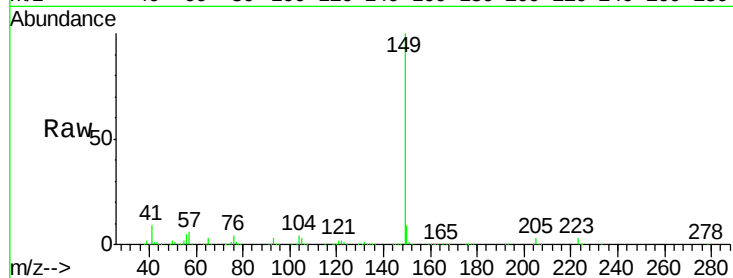
#73
Di-n-butylphthalate
Concen: 35.456 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1019083
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.2 4.0 6.0

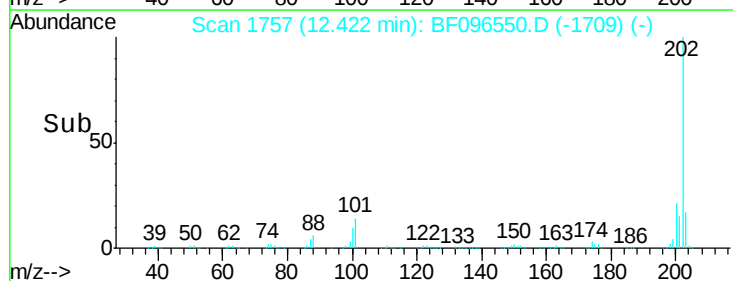
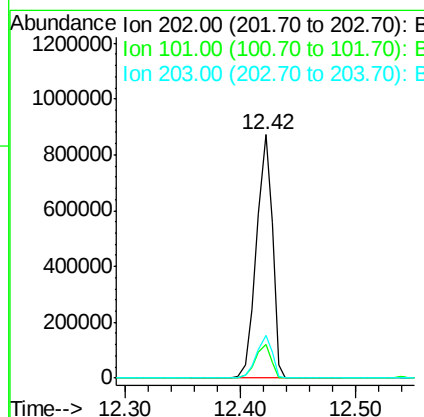
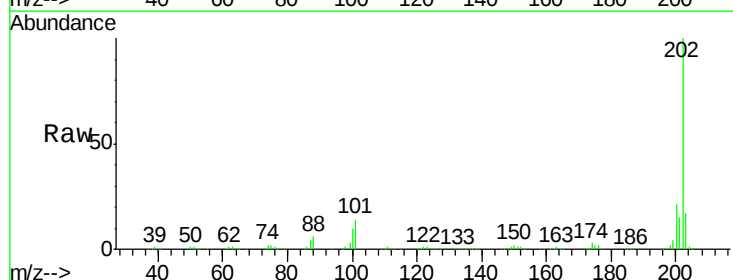
Manual Integrations
APPROVED

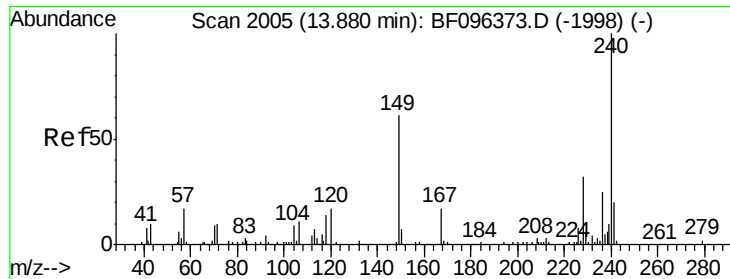
mohammad
7/10/2017 2:22:02 PM



#74
Fluoranthene
Concen: 36.955 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion:202 Resp: 838964
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 240 Resp: 310280
Ion Ratio Lower Upper

240 100

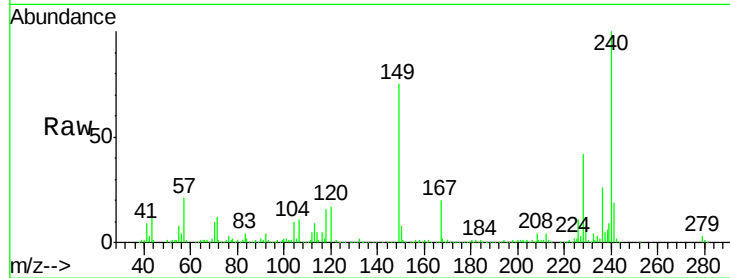
120 17.4 5.8 8.8#

236 25.6 20.5 30.7

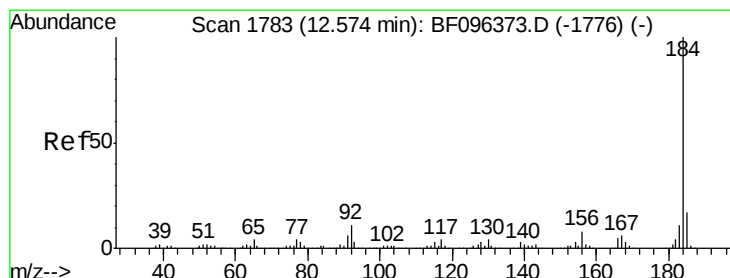
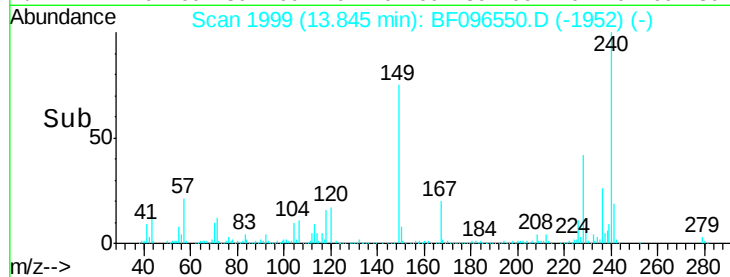
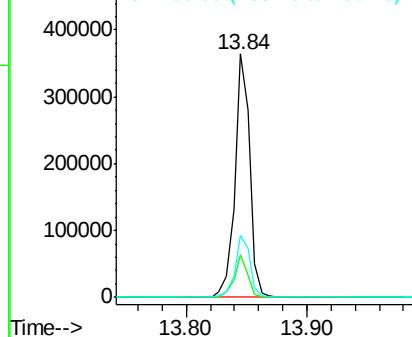
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.998 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.02 min

Lab File: BF096550.D

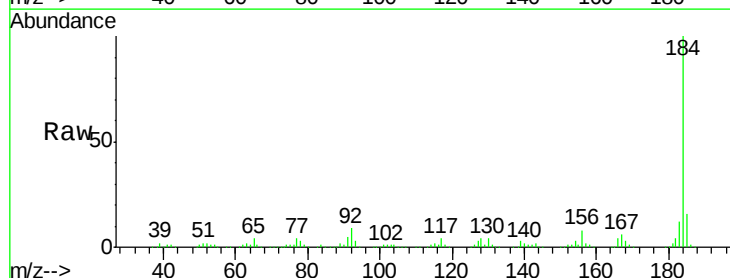
Acq: 7 Jul 2017 11:06

Tgt Ion: 184 Resp: 506173
Ion Ratio Lower Upper

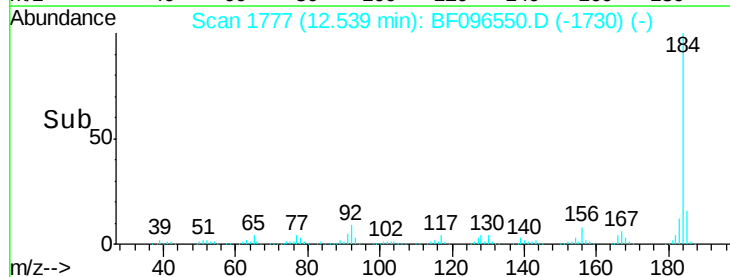
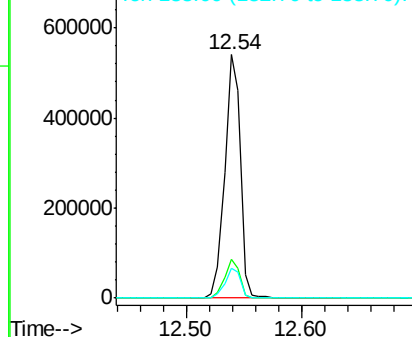
184 100

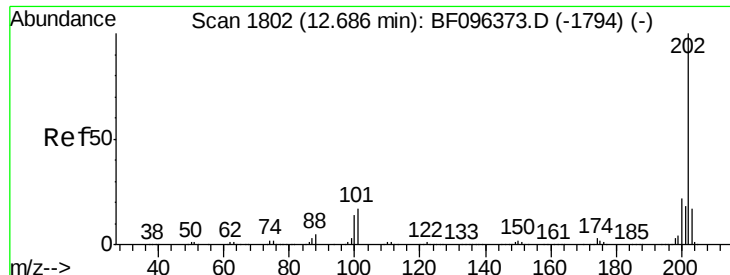
185 16.1 15.5 23.3

183 12.3 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





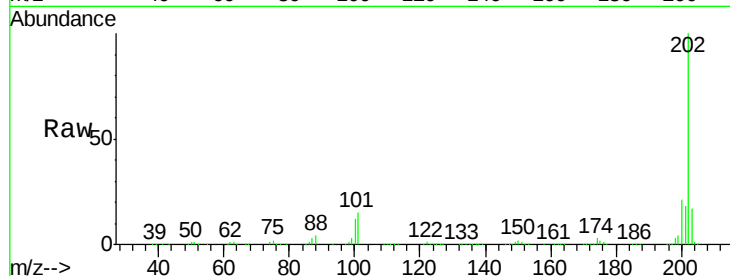
#77
 Pyrene
 Concen: 34.960 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

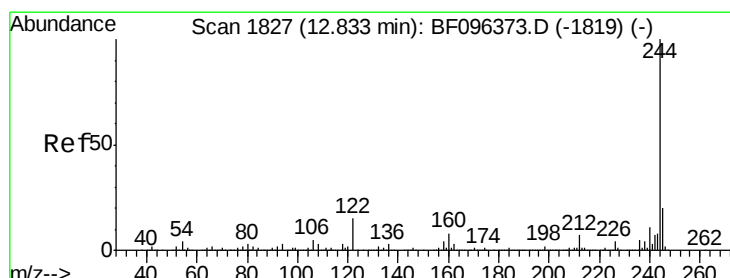
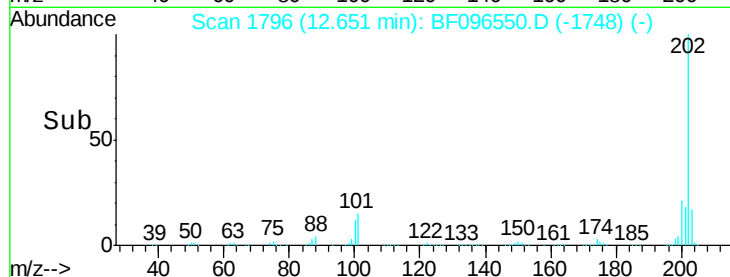
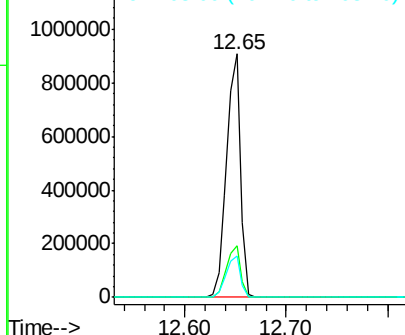
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.2	14.4	21.6

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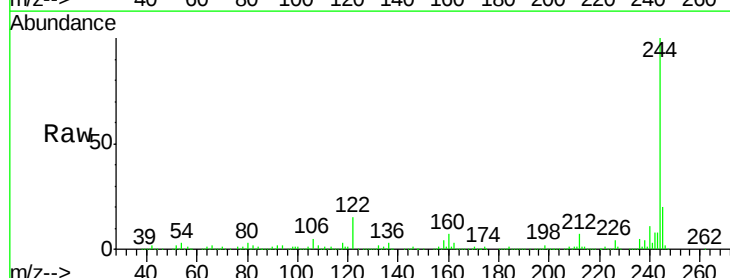


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

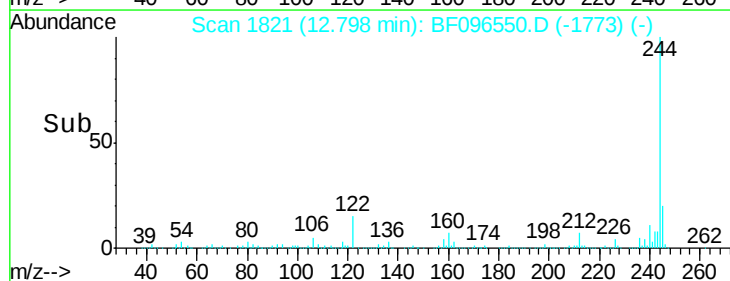
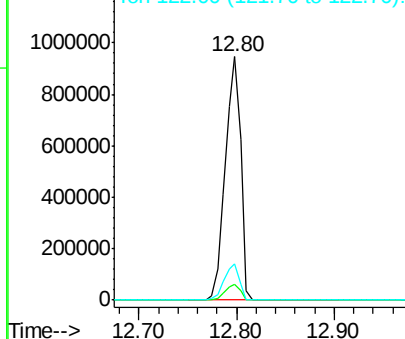


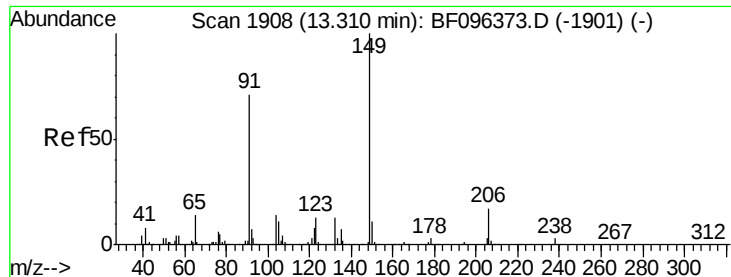
#78
 Terphenyl-d14
 Concen: 71.060 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.0	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





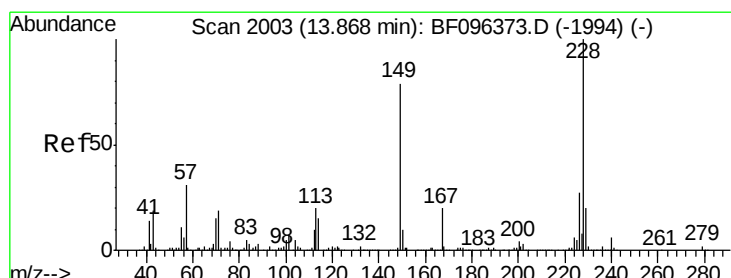
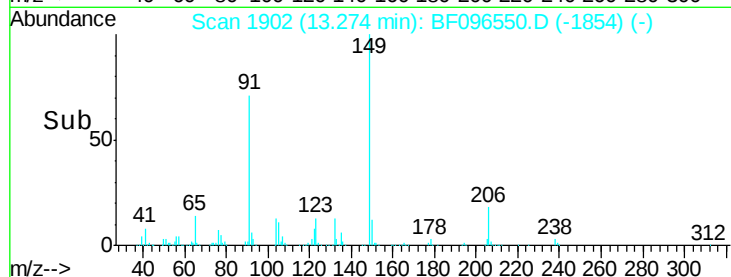
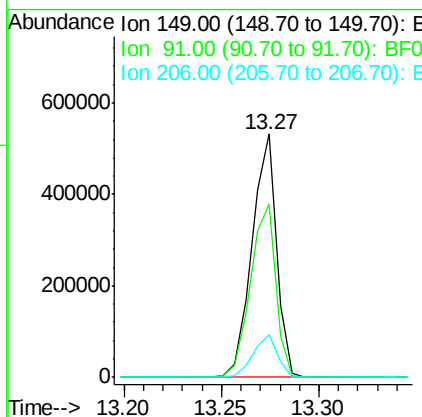
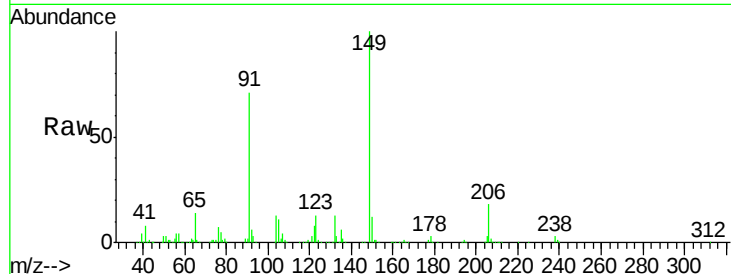
#79
Butylbenzylphthalate
Concen: 36.712 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	462846		
91	71.2	45.0	67.4#	
206	17.6	17.0	25.6	

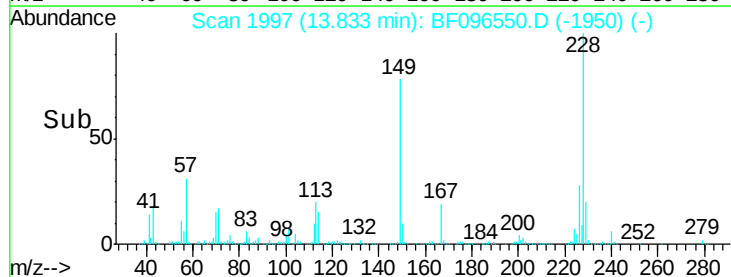
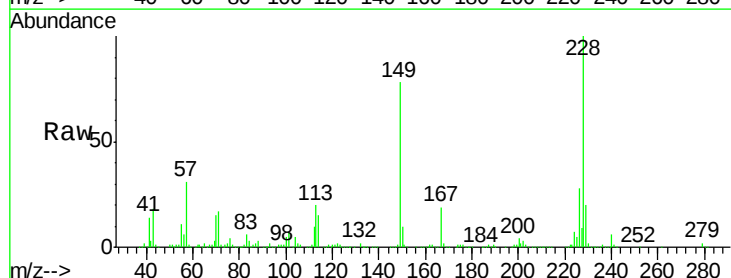
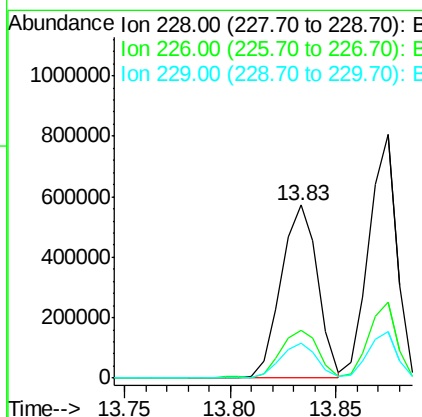
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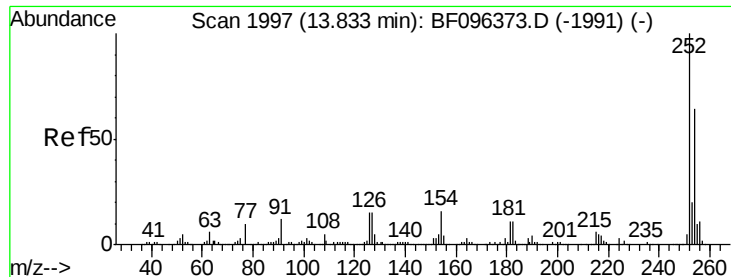
mohammad
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#80
Benzo(a)anthracene
Concen: 38.576 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	693135		
226	27.7	22.6	33.8	
229	19.9	16.3	24.5	





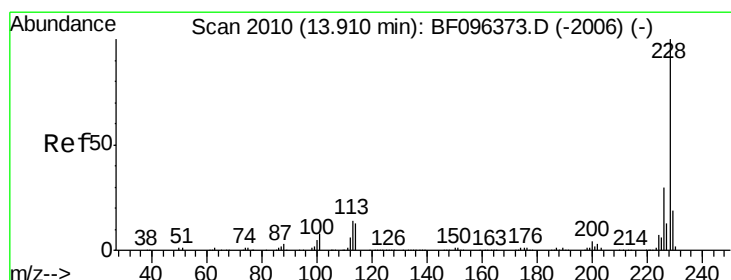
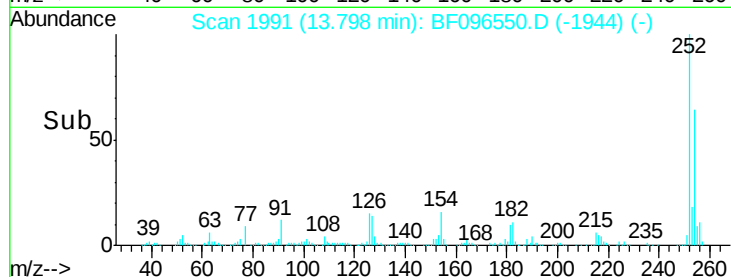
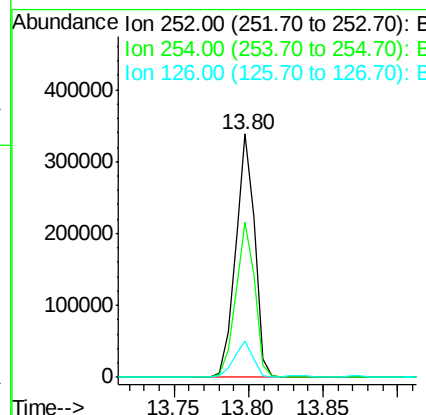
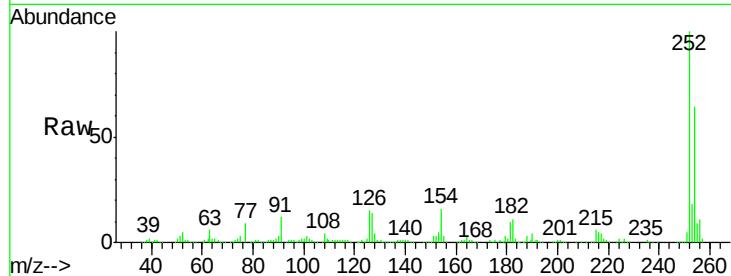
#81
 3,3'-Dichlorobenzidine
 Concen: 41.351 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.6	51.5	77.3
126	14.7	15.8	23.8

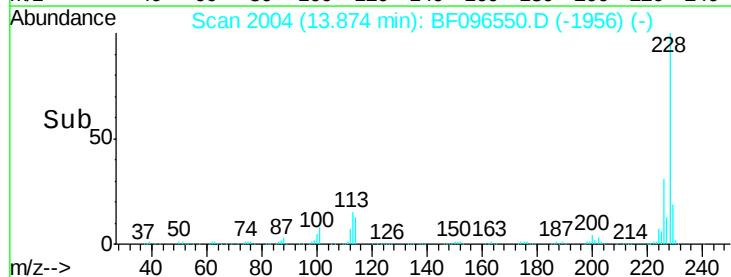
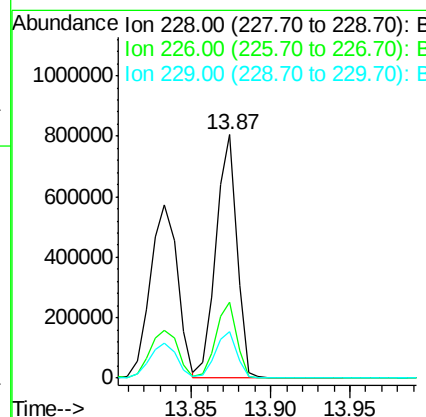
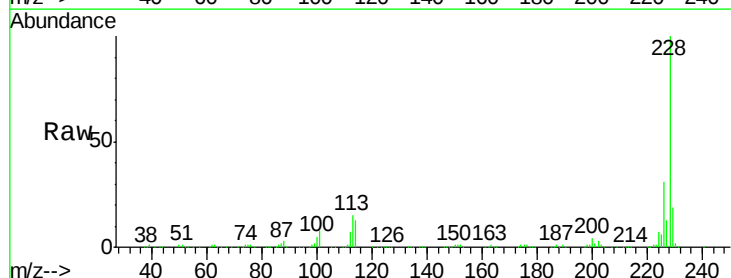
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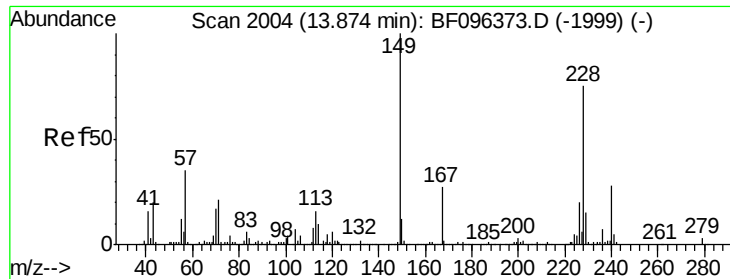
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#82
 Chrysene
 Concen: 39.488 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	24.9	37.3
229	19.1	15.8	23.6





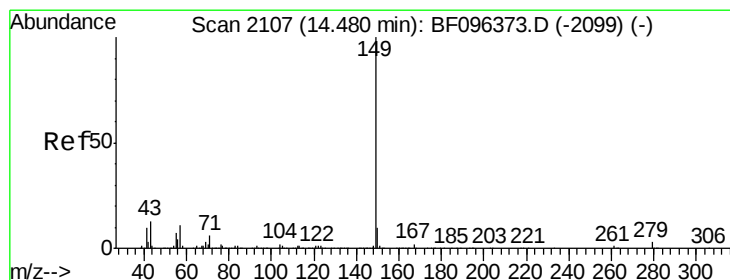
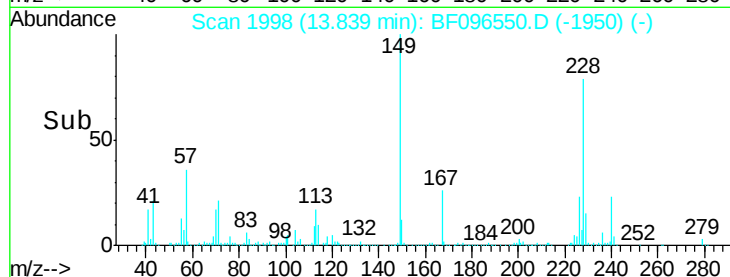
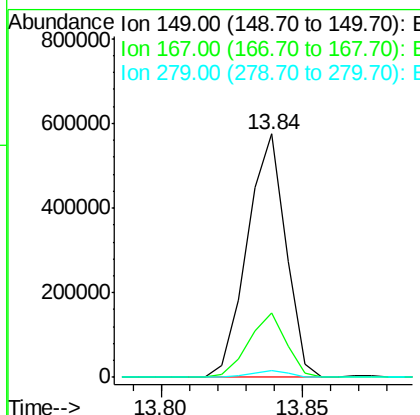
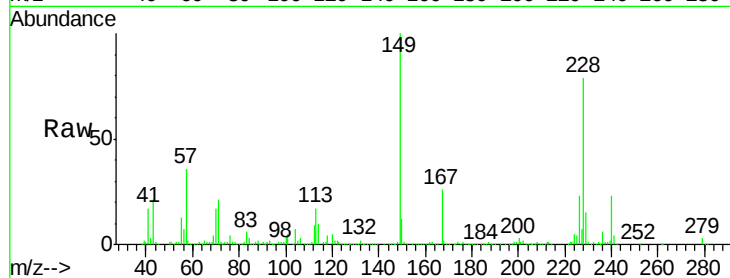
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.602 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.7	1.9	2.9

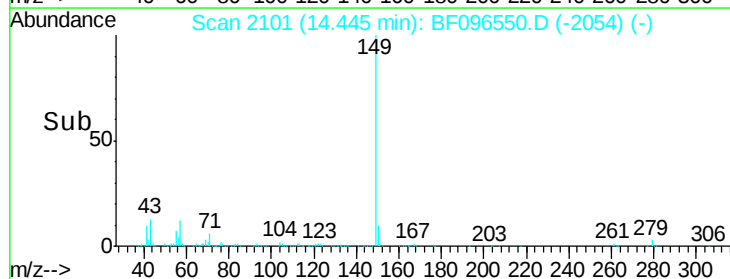
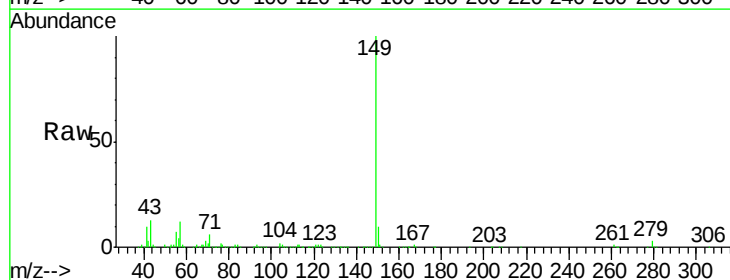
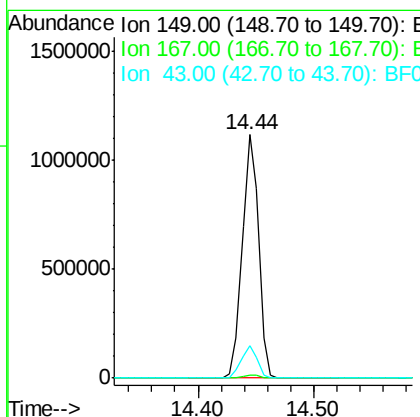
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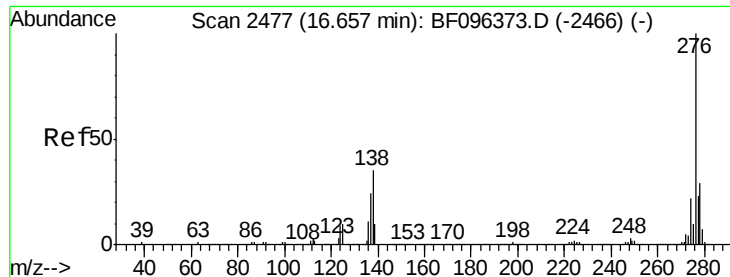
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#84
 Di-n-octyl phthalate
 Concen: 39.516 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.0	8.5	12.7#





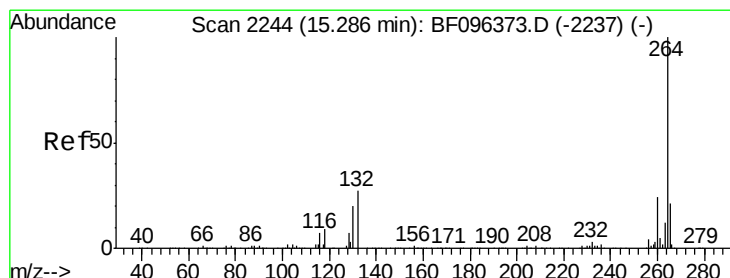
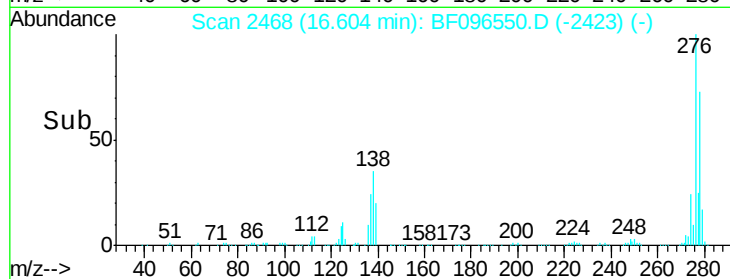
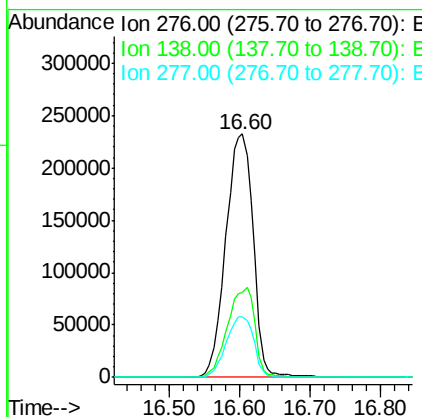
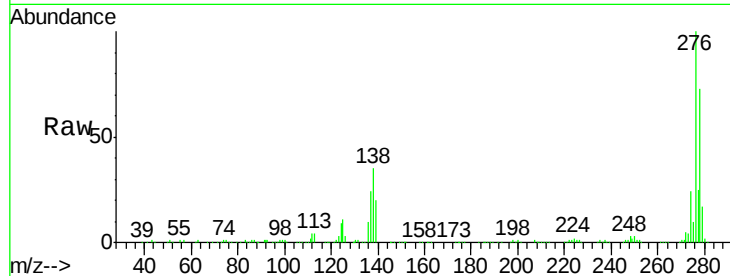
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.137 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. -0.04 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.3	27.8	41.6
277	25.1	20.2	30.4

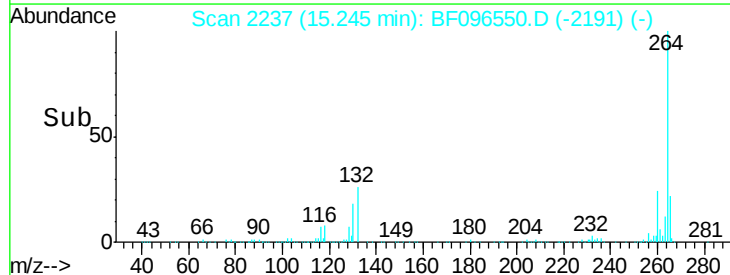
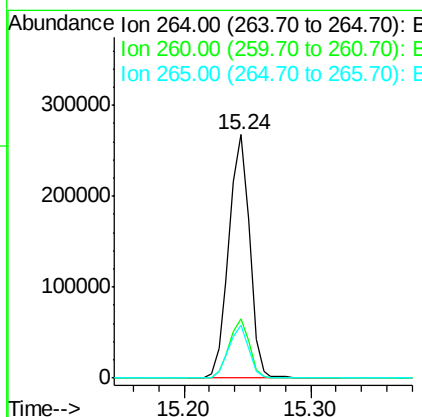
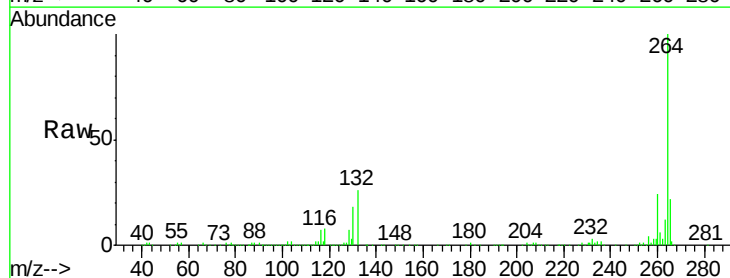
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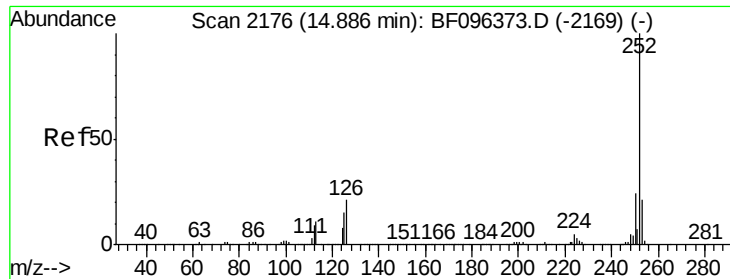
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.079 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Instrument :

BNA_F

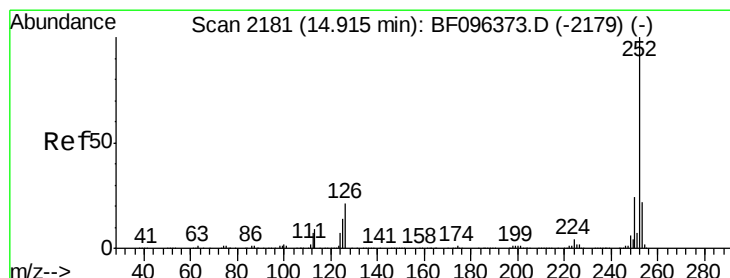
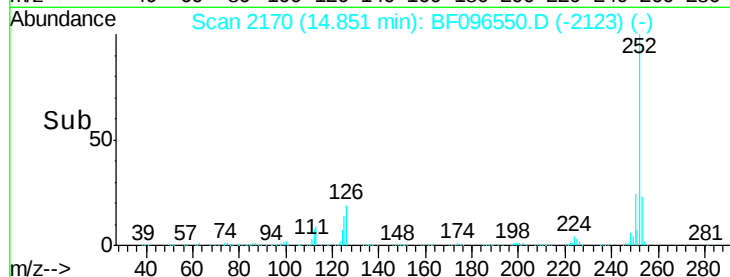
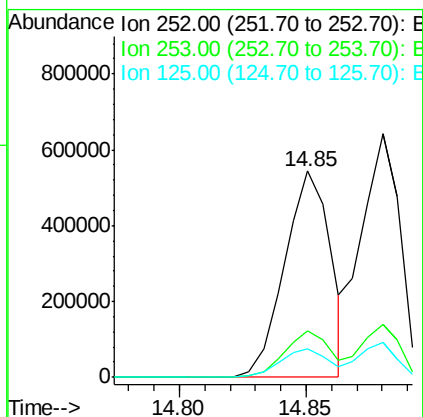
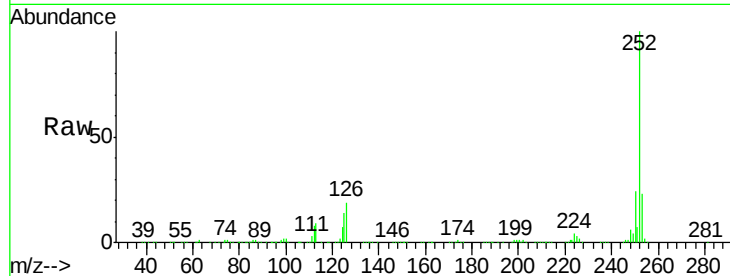
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	685301
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	13.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 40.610 ng

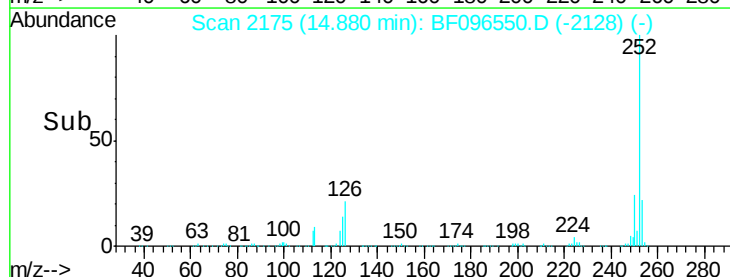
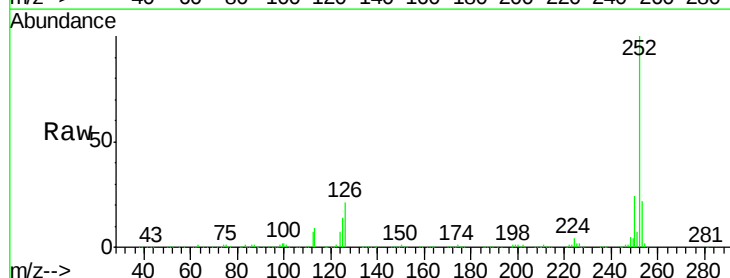
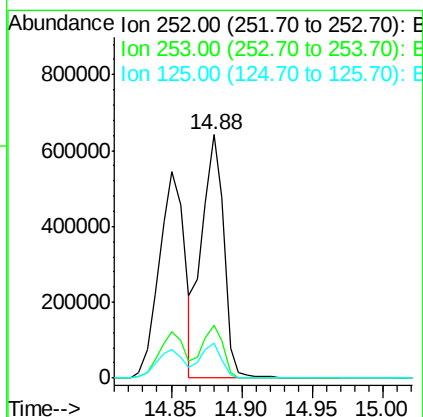
RT: 14.88 min Scan# 2175

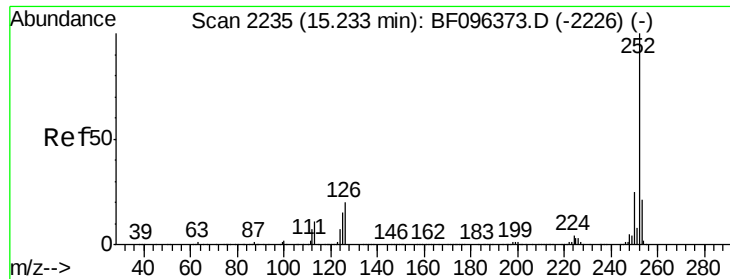
Delta R.T. -0.02 min

Lab File: BF096550.D

Acq: 7 Jul 2017 11:06

Tgt Ion:	252	Resp:	689989
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	14.3	13.1	19.7





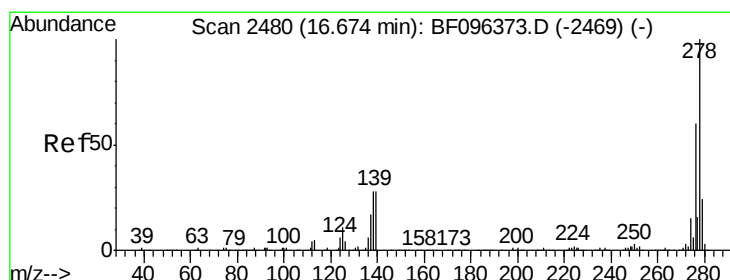
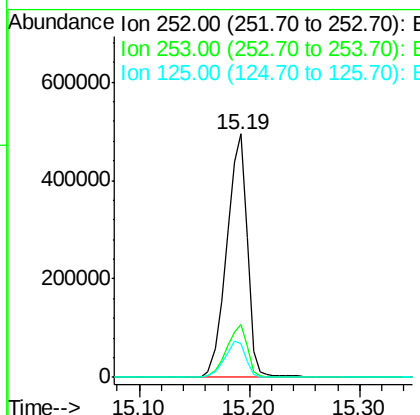
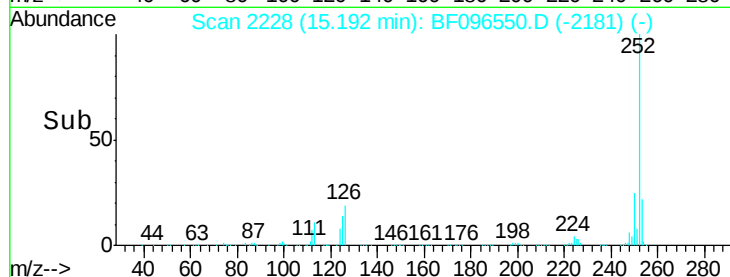
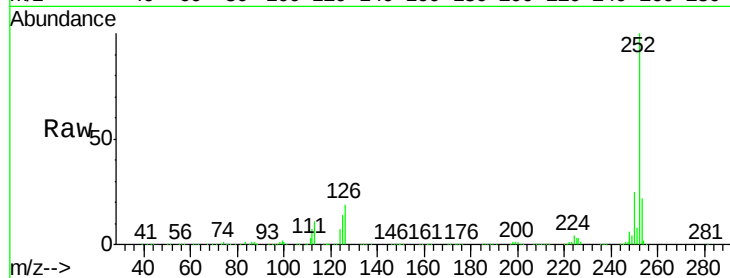
#89
Benzo(a)pyrene
Concen: 38.250 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.9	11.0	16.4

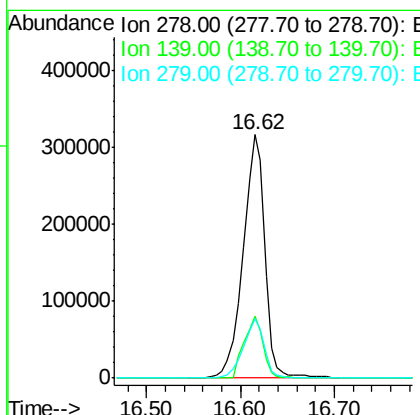
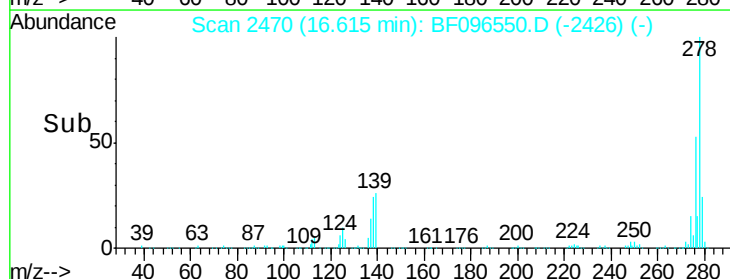
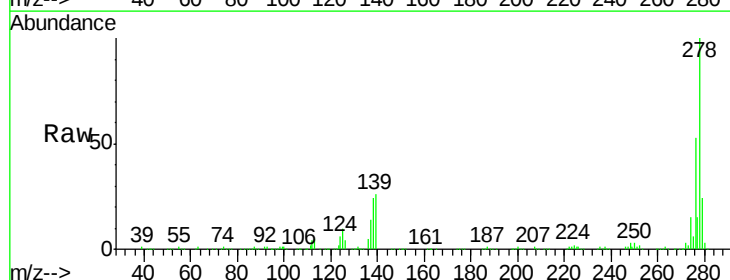
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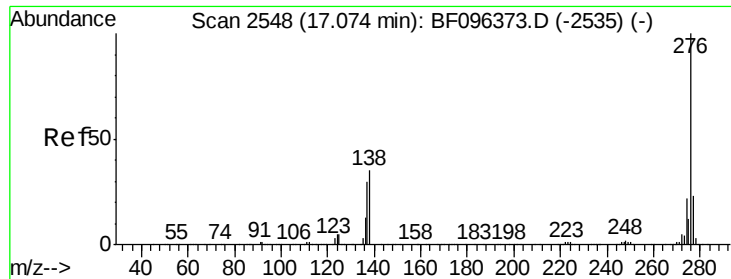
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 37.820 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.04 min
Lab File: BF096550.D
Acq: 7 Jul 2017 11:06

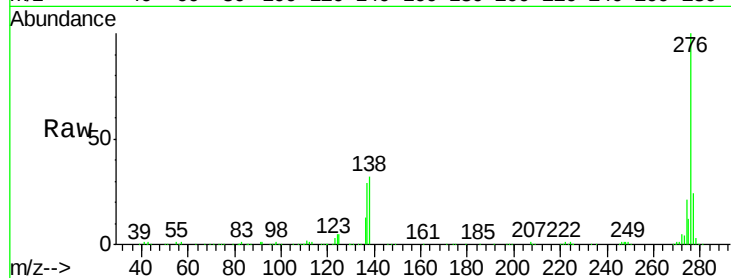
Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.6	16.6	24.8#
279	24.2	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 37.916 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF096550.D
 Acq: 7 Jul 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:	276	Resp:	524156
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.6	28.0
138	32.0	25.4	38.0

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