

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096836.D
 Acq On : 18 Jul 2017 9:42
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 7/19/2017 2:31:02 PM

Quant Time: Jul 18 13:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 11:39:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	124754	20.00	ng	-0.04
21) Naphthalene-d8	7.89	136	501533	20.00	ng	-0.04
38) Acenaphthene-d10	9.63	164	244245	20.00	ng	-0.04
63) Phenanthrene-d10	11.10	188	368621	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	258116	20.00	ng	-0.04
86) Perylene-d12	15.10	264	251201	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	596760	71.92	ng	-0.03
7) Phenol-d6	6.25	99	750222	75.35	ng	-0.03
23) Nitrobenzene-d5	7.17	82	732347	90.45	ng	-0.04
41) 2,4,6-Tribromophenol	10.42	330	152715	73.25	ng	-0.04
44) 2-Fluorobiphenyl	8.96	172	1159345	74.99	ng	-0.04
78) Terphenyl-d14	12.69	244	1057292	71.04	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.19	88	152230	35.657	ng	# 76
3) Pyridine	2.85	79	334969	37.333	ng	# 59
4) n-Nitrosodimethylamine	2.80	42	202744	40.407	ng	# 78
6) Aniline	6.26	93	448818	36.595	ng	# 40
8) 2-Chlorophenol	6.39	128	329772	36.842	ng	92
9) Benzaldehyde	6.15	77	214004	37.186	ng	99
10) Phenol	6.27	94	408102	36.257	ng	75
11) bis(2-Chloroethyl)ether	6.35	93	309238	36.535	ng	91
12) 1,3-Dichlorobenzene	6.54	146	373257	39.230	ng	98
13) 1,4-Dichlorobenzene	6.62	146	364679	37.848	ng	94
14) 1,2-Dichlorobenzene	6.77	146	353415	40.326	ng	97
15) Benzyl Alcohol	6.75	79	260852	40.016	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	723112	41.396	ng	95
17) 2-Methylphenol	6.87	107	282129	40.533	ng	96
18) Hexachloroethane	7.11	117	143027	41.861	ng	# 80
19) n-Nitroso-di-n-propylamine	7.03	70	242712	40.462	ng	# 83
20) 3+4-Methylphenols	7.03	107	343045	40.614	ng	# 71
22) Acetophenone	7.02	105	487479	43.488	ng	99
24) Nitrobenzene	7.19	77	383252	45.766	ng	96
25) Isophorone	7.43	82	658453	43.714	ng	96
26) 2-Nitrophenol	7.50	139	187883	40.350	ng	# 87
27) 2,4-Dimethylphenol	7.56	122	300217	39.191	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	393262	38.637	ng	99
29) 2,4-Dichlorophenol	7.75	162	273442	39.435	ng	96
30) 1,2,4-Trichlorobenzene	7.83	180	258992	39.284	ng	97
31) Naphthalene	7.91	128	940900	39.602	ng	99
32) Benzoic acid	7.71	122	212379	43.378	ng	95
33) 4-Chloroaniline	7.96	127	386963	41.109	ng	94
34) Hexachlorobutadiene	8.03	225	150725	42.826	ng	98
35) Caprolactam	8.35	113	90553	40.757	ng	# 66
36) 4-Chloro-3-methylphenol	8.45	107	325174	43.613	ng	86
37) 2-Methylnaphthalene	8.60	142	593713	39.197	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	246383	37.317	ng	100
40) Hexachlorocyclopentadiene	8.76	237	79383	34.960	ng	98

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 Misc :
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Instrument :
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 SSTDC040

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	190759	39.168	nq	97
43) 2,4,5-Trichlorophenol	8.92	196	192868	39.266	nq	97
45) 1,1'-Biphenyl	9.06	154	814999	38.907	nq	98
46) 2-Chloronaphthalene	9.09	162	585562	37.962	nq	94
47) 2-Nitroaniline	9.18	65	188456	35.544	nq	95
48) Acenaphthylene	9.49	152	890071	36.216	nq	99
49) Dimethylphthalate	9.37	163	657770	35.766	nq	100
50) 2,6-Dinitrotoluene	9.43	165	144328	36.232	nq	# 86
51) Acenaphthene	9.67	154	512399	35.293	nq	98
52) 3-Nitroaniline	9.59	138	191522	40.585	nq	91
53) 2,4-Dinitrophenol	9.70	184	76575	42.293	nq	# 72
54) Dibenzofuran	9.84	168	700555	34.433	nq	99
55) 4-Nitrophenol	9.76	139	139000	40.318	nq	# 64
56) 2,4-Dinitrotoluene	9.83	165	181792	35.515	nq	# 69
57) Fluorene	10.18	166	537635	35.761	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	138650	40.702	nq	98
59) Diethylphthalate	10.06	149	641796	35.848	nq	100
60) 4-Chlorophenyl-phenylether	10.17	204	233676	35.451	nq	95
61) 4-Nitroaniline	10.20	138	167538	37.807	nq	93
62) Azobenzene	10.33	77	540359	34.212	nq	92
64) 4,6-Dinitro-2-methylphenol	10.24	198	102219	44.166	nq	90
65) n-Nitrosodiphenylamine	10.29	169	505746	38.382	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	150040	39.867	nq	96
67) Hexachlorobenzene	10.73	284	163949	39.113	nq	# 90
68) Atrazine	10.83	200	150124	39.990	nq	94
69) Pentachlorophenol	10.92	266	85707	42.326	nq	97
70) Phenanthrene	11.13	178	769182	38.376	nq	99
71) Anthracene	11.19	178	798471	39.401	nq	98
72) Carbazole	11.34	167	797751	40.651	nq	99
73) Di-n-butylphthalate	11.68	149	983793	40.253	nq	99
74) Fluoranthene	12.32	202	824779	42.991	nq	98
76) Benzidine	12.43	184	428673	50.695	nq	95
77) Pyrene	12.54	202	834483	35.623	nq	99
79) Butylbenzylphthalate	13.17	149	422744	37.982	nq	# 83
80) Benzo(a)anthracene	13.72	228	631046	39.238	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	262964	45.469	nq	# 97
82) Chrysene	13.76	228	657002	41.497	nq	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	508600	37.523	nq	# 99
84) Di-n-octyl phthalate	14.34	149	1054528	47.065	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.39	276	570253	38.823	nq	99
87) Benzo(b)fluoranthene	14.73	252	629028	41.519	nq	98
88) Benzo(k)fluoranthene	14.76	252	580005m	40.428	nq	
89) Benzo(a)pyrene	15.05	252	560929	40.368	nq	99
90) Dibenzo(a,h)anthracene	16.40	278	463015	36.213	nq	98
91) Benzo(g,h,i)perylene	16.78	276	437995	31.990	nq	97

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

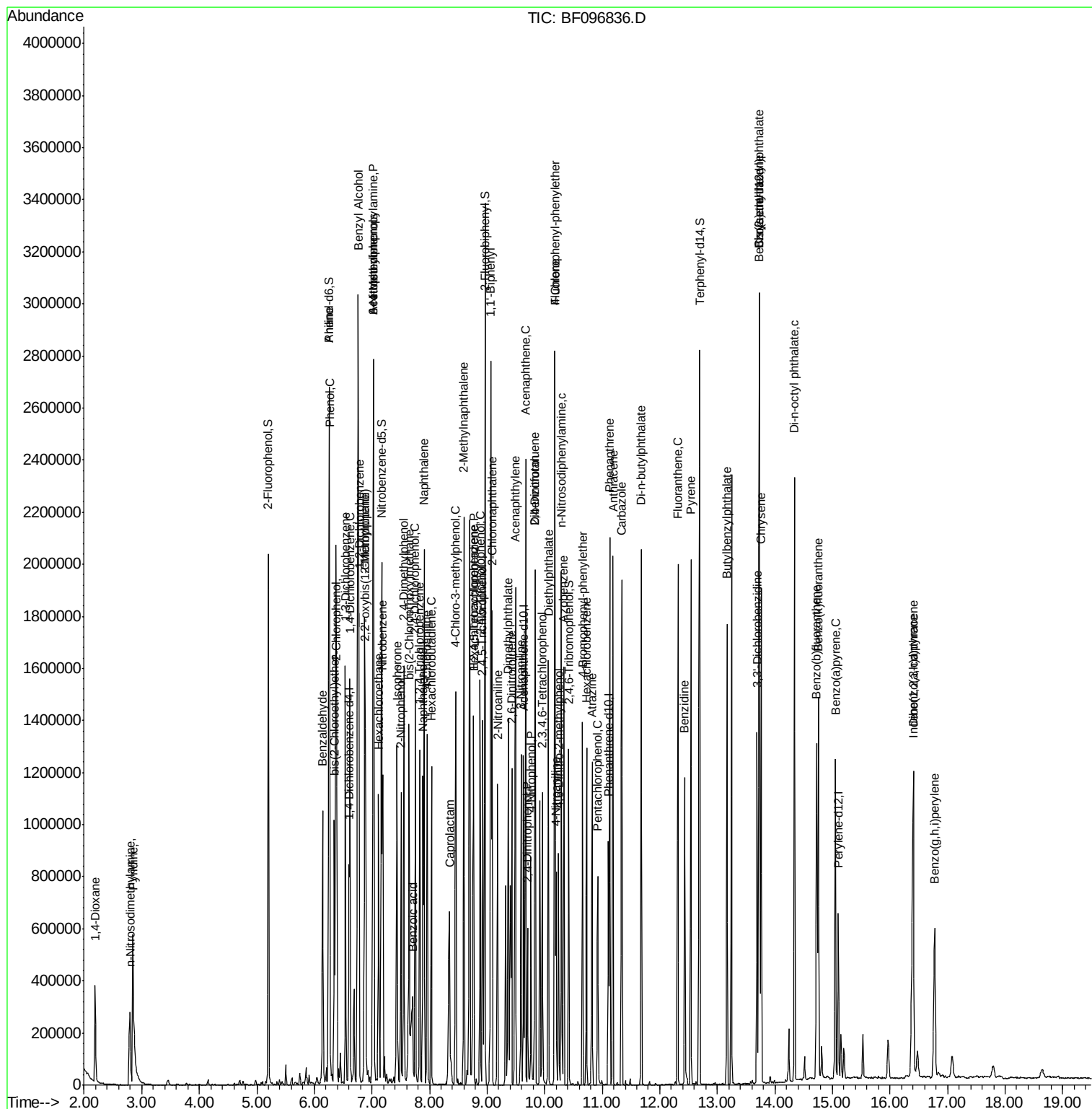
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\  
Data File : BF096836.D  
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Operator  : SJ/JU  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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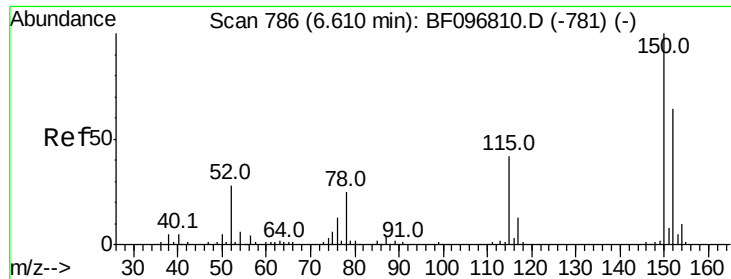
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

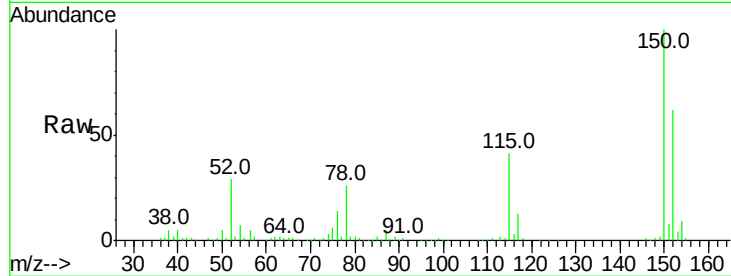
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

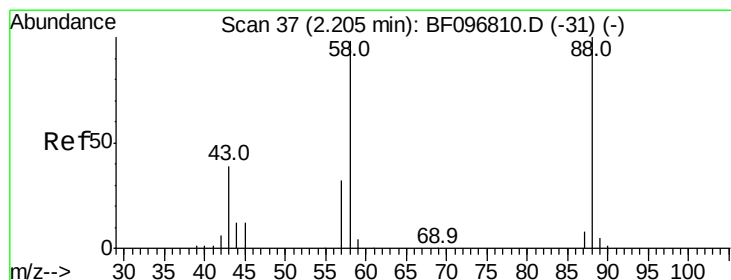
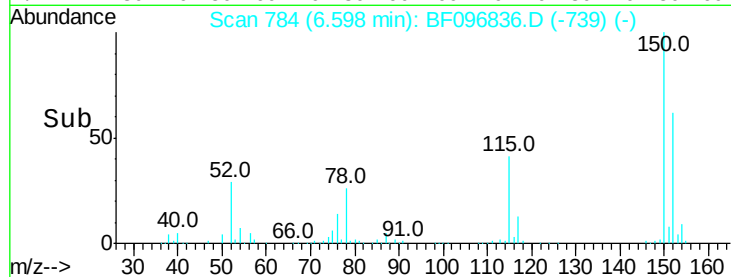
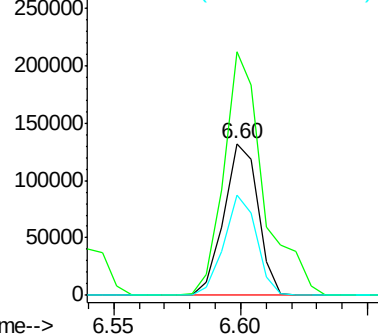
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	65.8	52.2	78.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

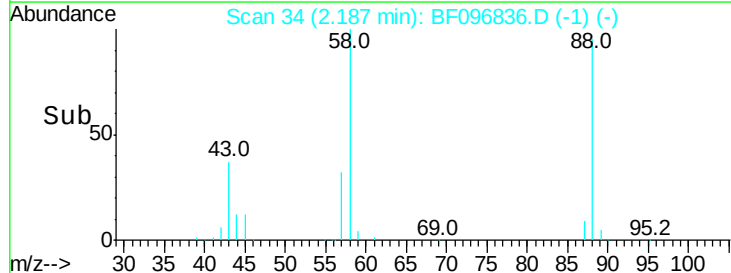
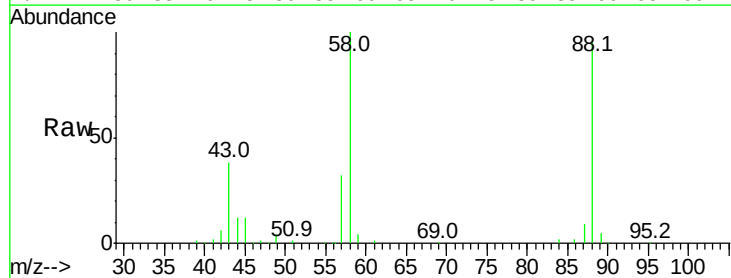
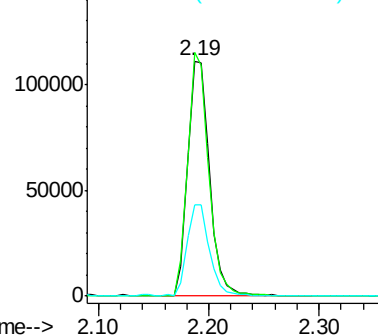


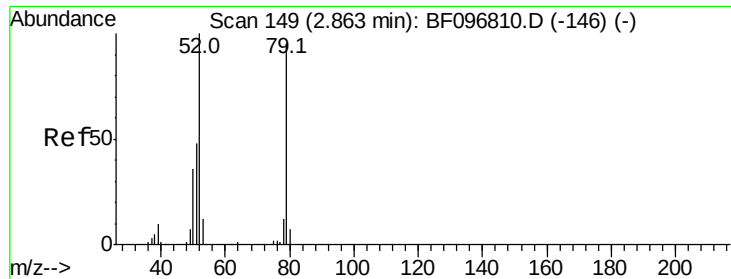
#2

1,4-Dioxane
Concen: 35.657 ng
RT: 2.19 min Scan# 34
Delta R.T. -0.05 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.3	61.4	92.0#
43	39.9	23.4	35.0#

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





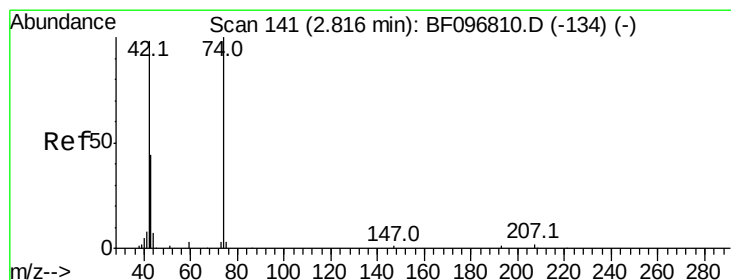
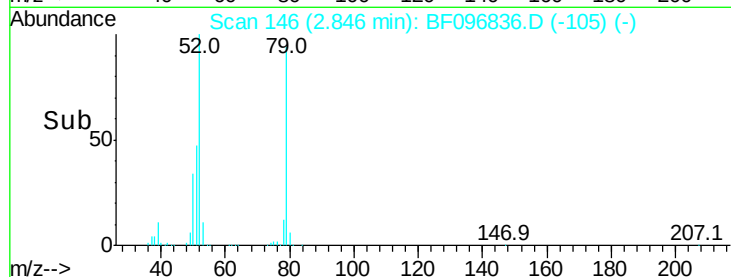
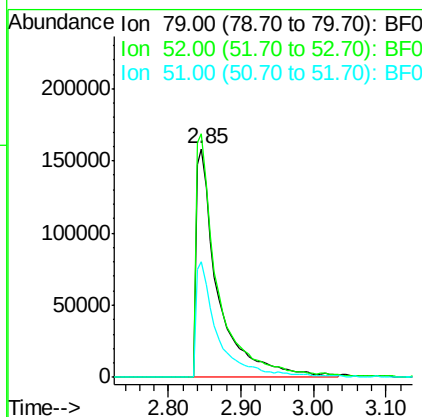
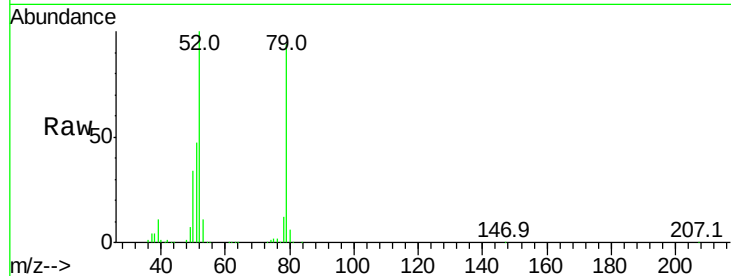
#3
 Pvridine
 Concen: 37.333 ng
 RT: 2.85 min Scan# 146
 Delta R.T. -0.06 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	106.5	54.8	82.2#
51	50.5	27.0	40.4#

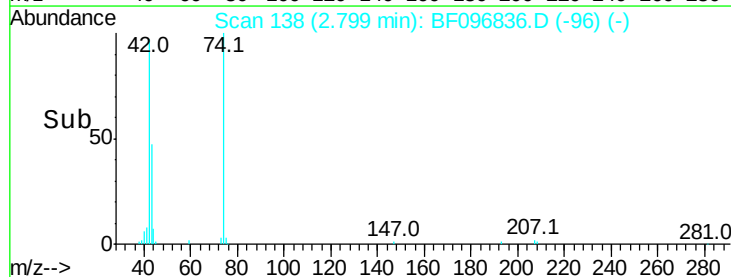
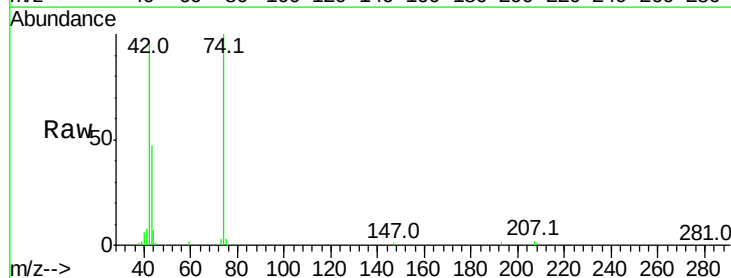
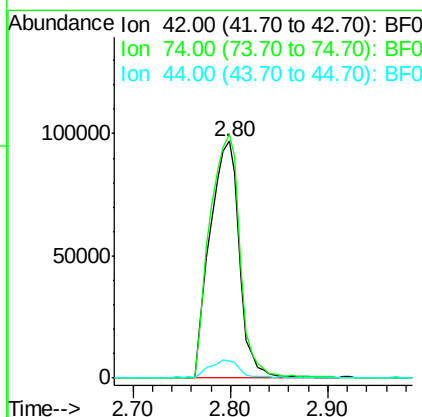
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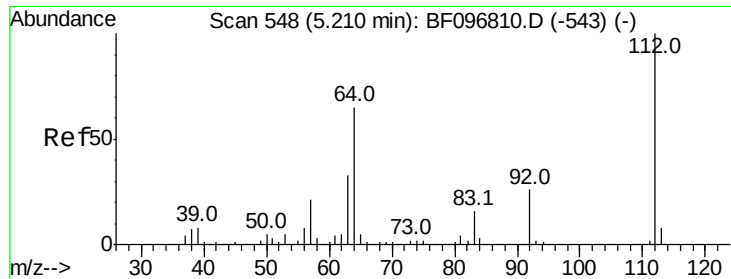
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#4
 n-Nitrosodimethylamine
 Concen: 40.407 ng
 RT: 2.80 min Scan# 138
 Delta R.T. -0.05 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.8	103.9	155.9#
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 71.924 ng

RT: 5.20 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

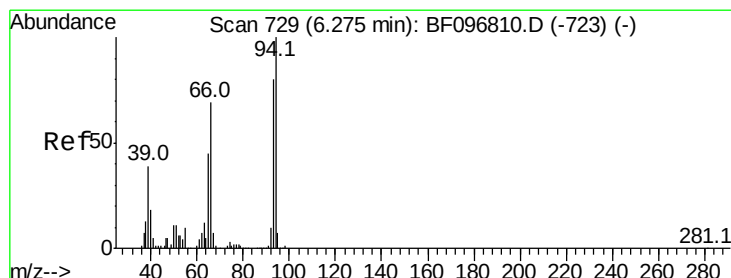
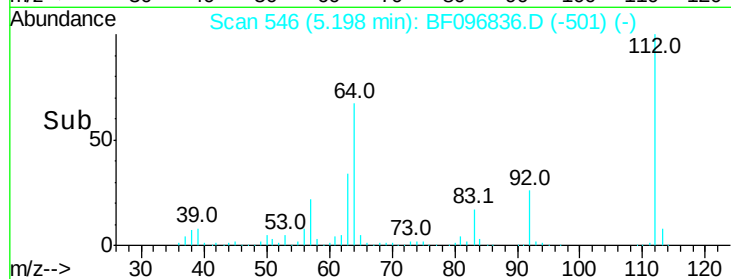
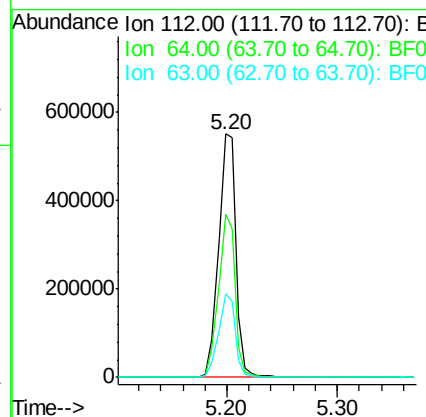
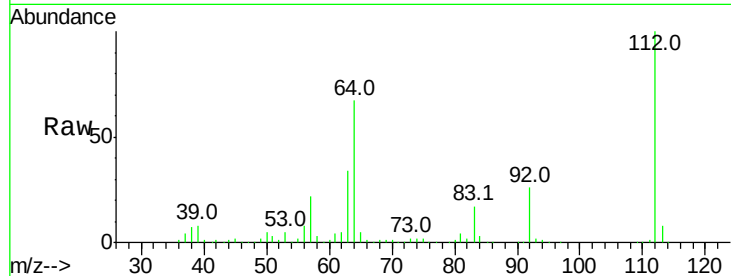
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		596760		
64	67.2	46.0	69.0		
63	34.3	23.4	35.0		

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#6

Aniline

Concen: 36.595 ng

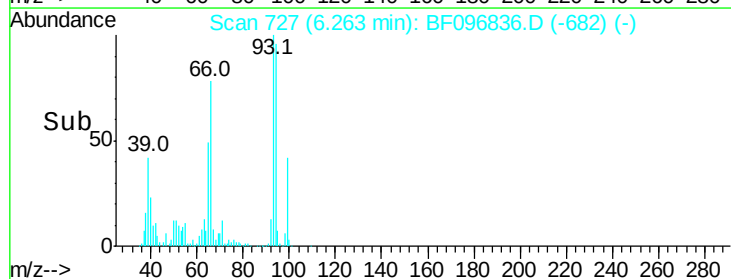
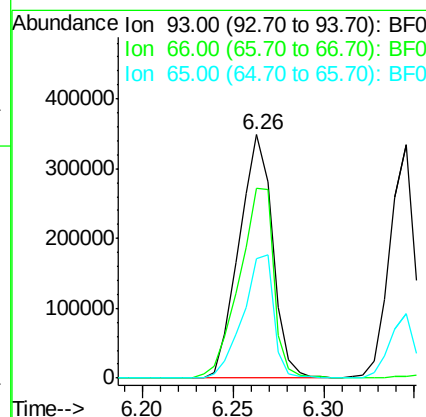
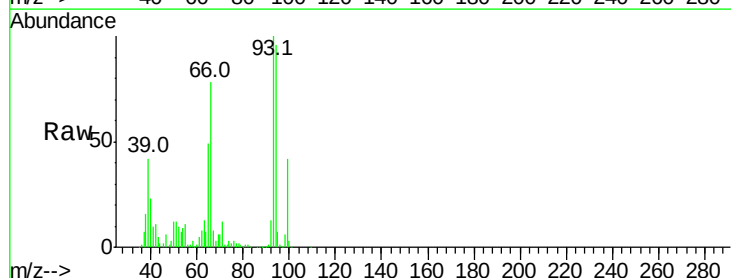
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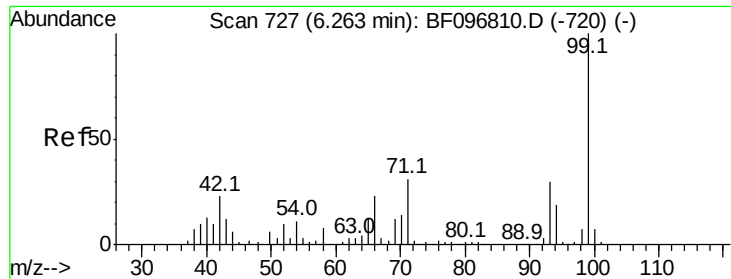
Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		448818		
66	78.1	32.9	49.3#		
65	48.9	16.0	24.0#		





#7

Phenol-d6

Concen: 75.348 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

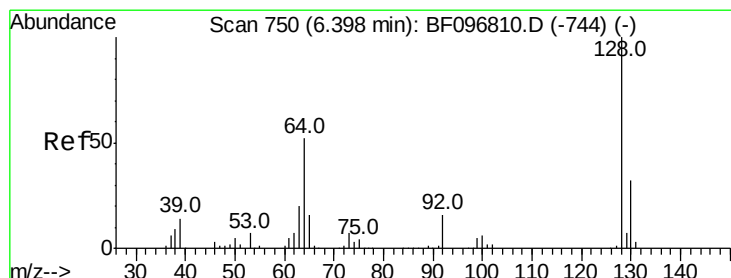
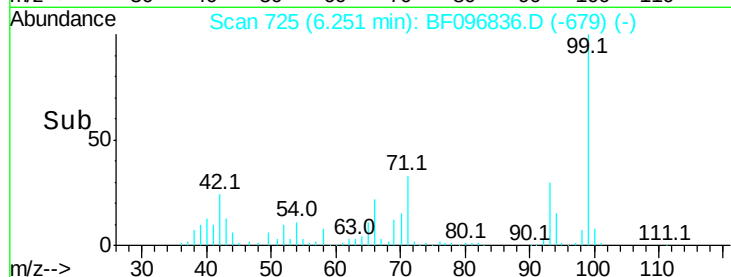
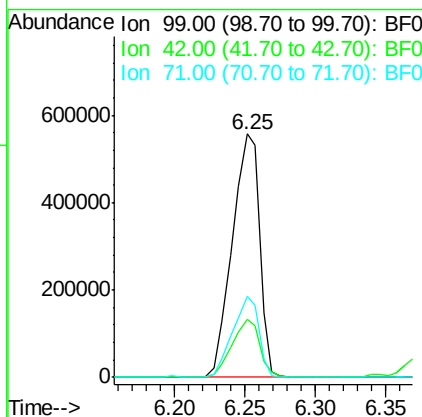
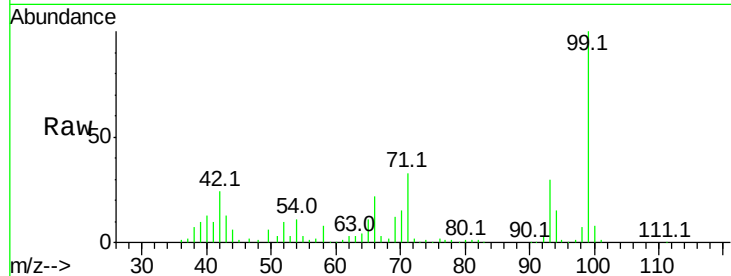
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	750222
Ion Ratio	Lower	Upper	
99	100		
42	24.1	13.5	20.3#
71	33.1	24.5	36.7

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#8

2-Chlorophenol

Concen: 36.842 ng

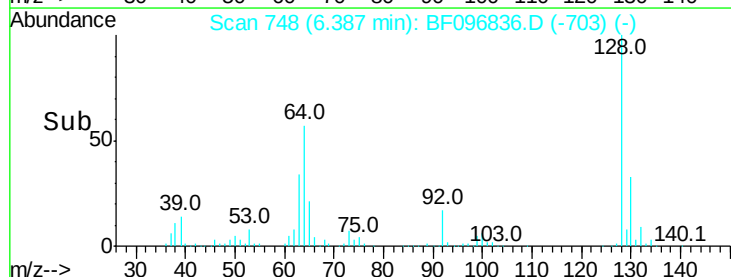
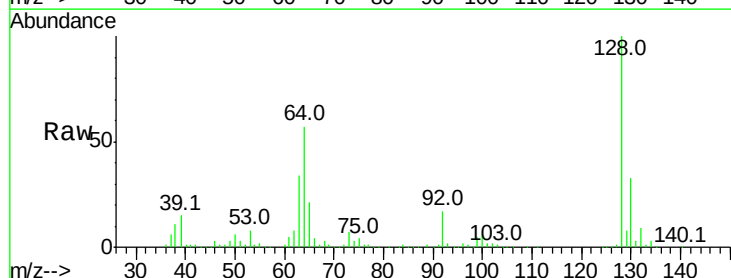
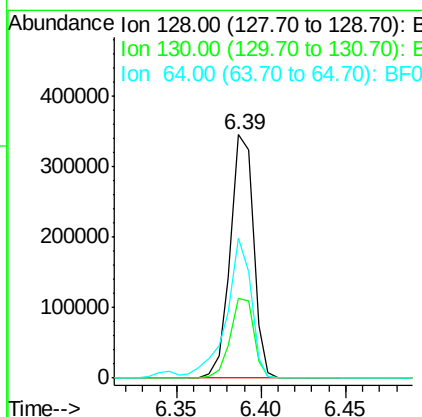
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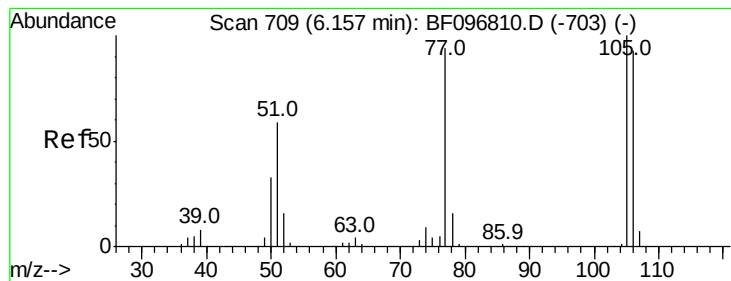
Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	128	Resp:	329772
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	57.3	28.4	68.4





#9

Benzaldehyde

Concen: 37.186 ng

RT: 6.15 min Scan# 707

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

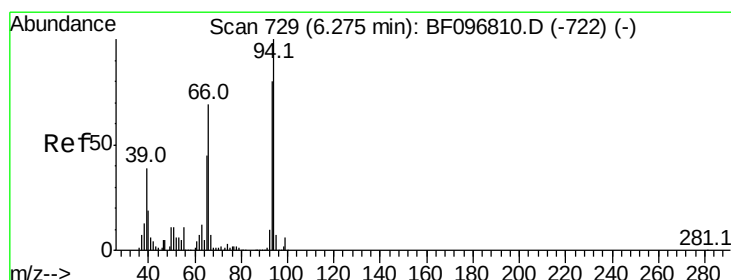
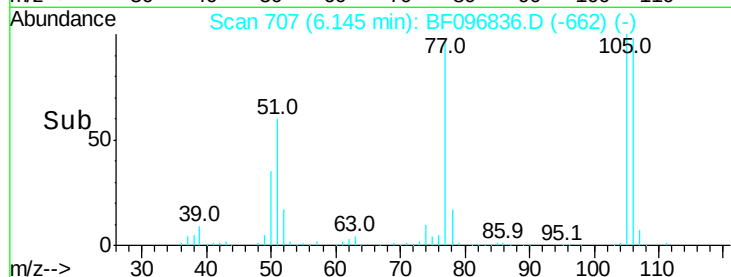
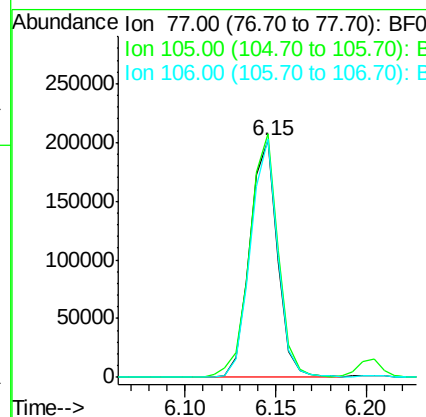
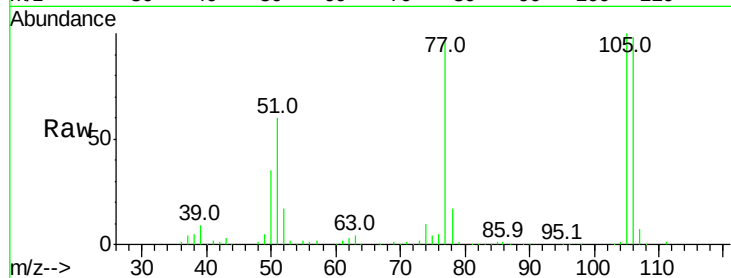
ClientSampleID :

SSTDCCC040

Tot Ion:	77	Resp:	214004
Ion Ratio	Lower	Upper	
77	100		
105	102.7	83.8	123.8
106	100.6	79.1	119.1

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#10

Phenol

Concen: 36.257 ng

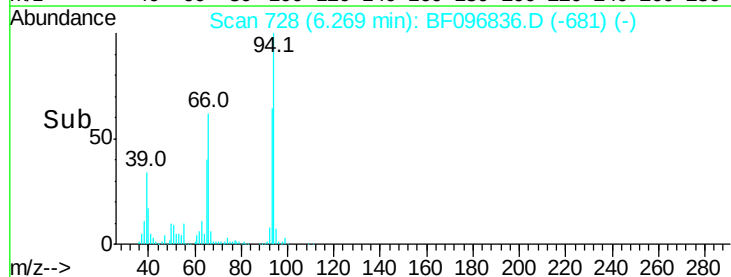
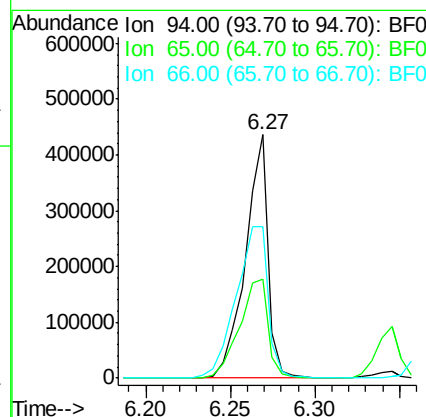
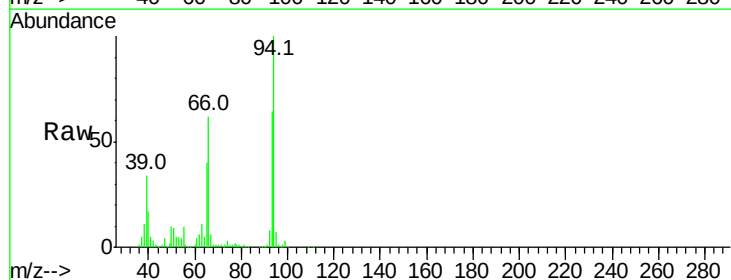
RT: 6.27 min Scan# 728

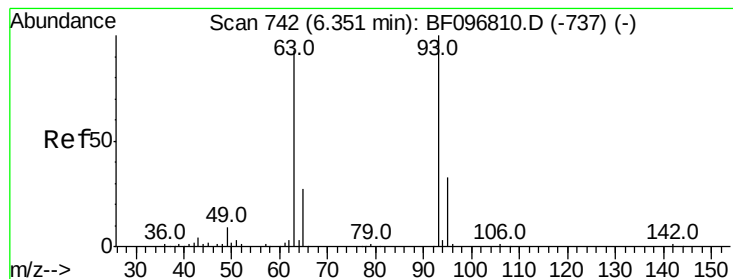
Delta R.T. -0.02 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	94	Resp:	408102
Ion Ratio	Lower	Upper	
94	100		
65	40.4	9.9	49.9
66	62.1	23.1	63.1





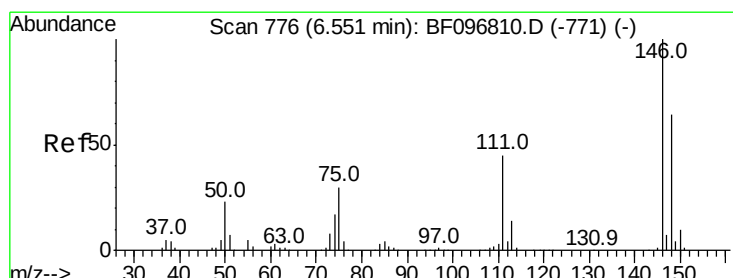
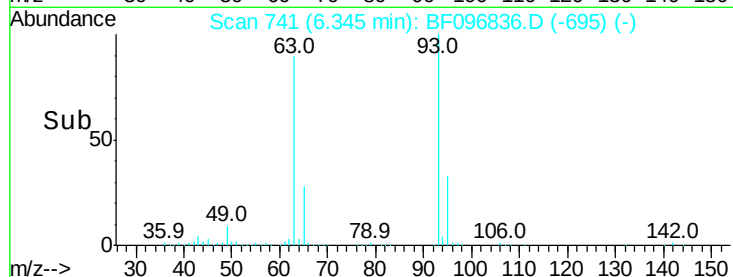
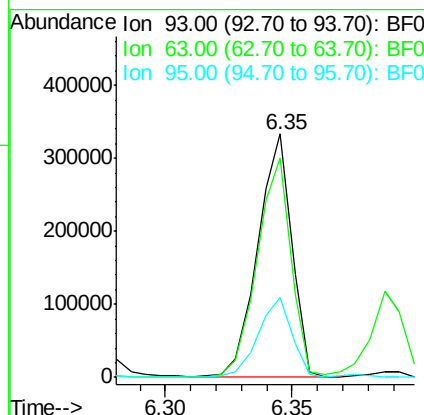
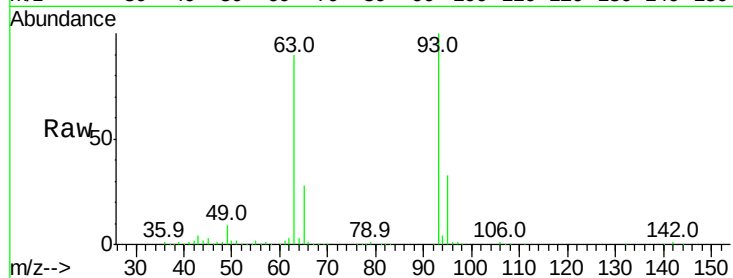
#11
bis(2-Chloroethyl)ether
Concen: 36.535 ng
RT: 6.35 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	90.2	59.2	99.2	
95	32.8	12.8	52.8	

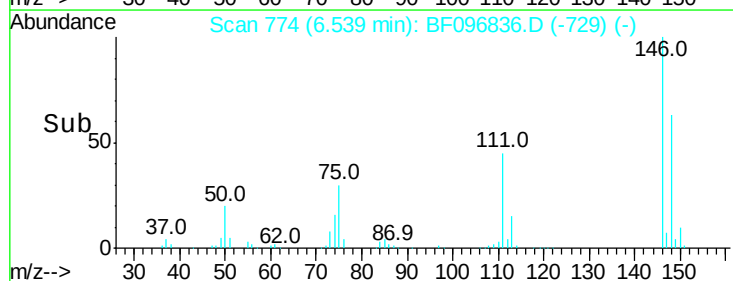
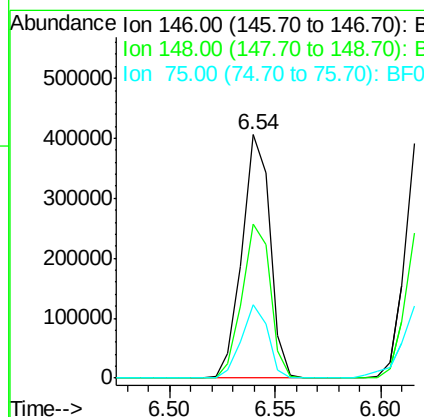
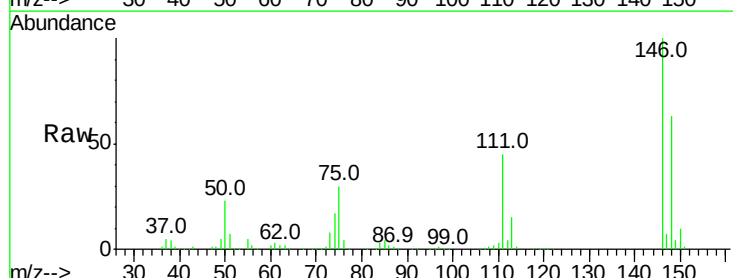
Manual Integrations
APPROVED

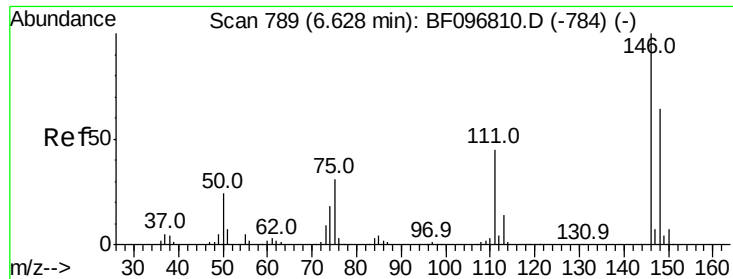
mohammad
7/19/2017 2:31:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.230 ng
RT: 6.54 min Scan# 774
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.1	51.8	77.6	
75	30.0	23.1	34.7	





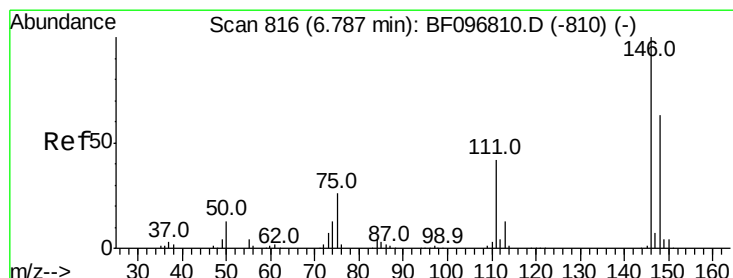
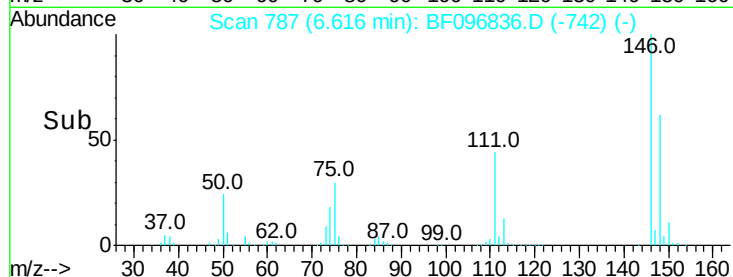
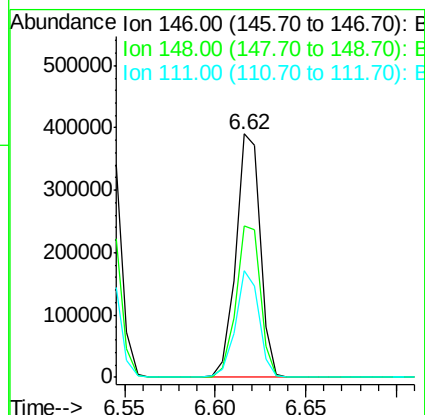
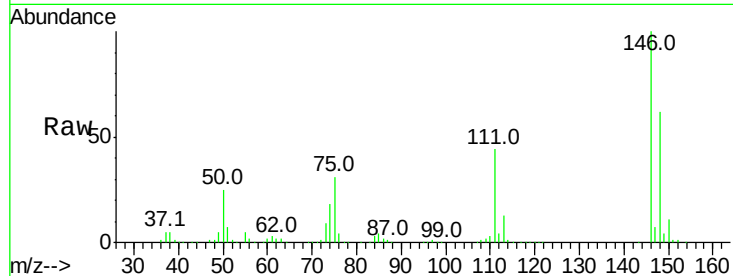
#13
 1,4-Dichlorobenzene
 Concen: 37.848 ng
 RT: 6.62 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.2	78.2
111	44.0	30.3	45.5

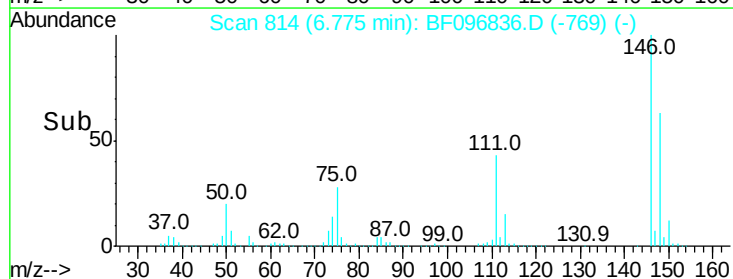
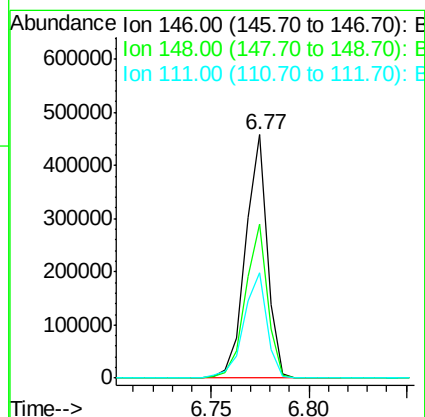
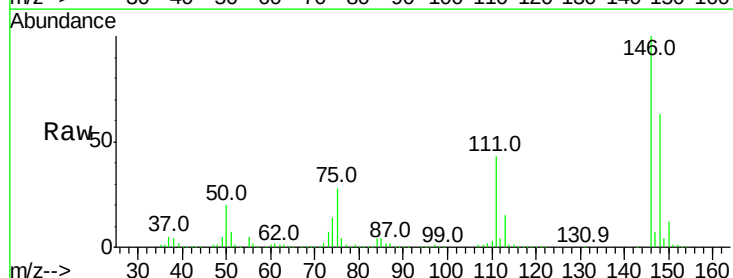
Manual Integrations
 APPROVED

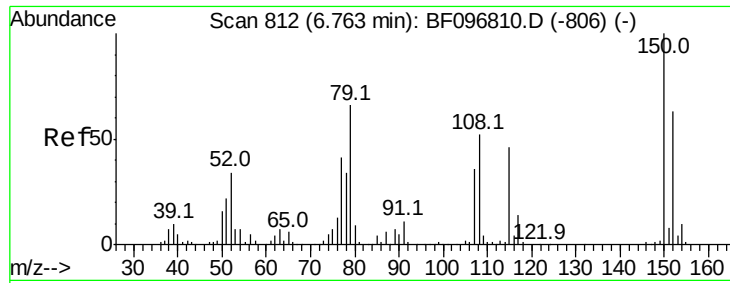
mohammad
 7/19/2017 2:31:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.326 ng
 RT: 6.77 min Scan# 814
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	43.4	38.2	57.4





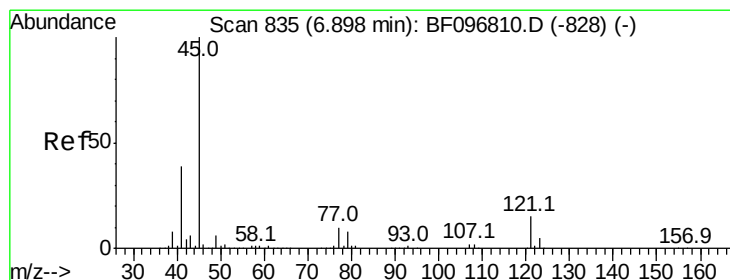
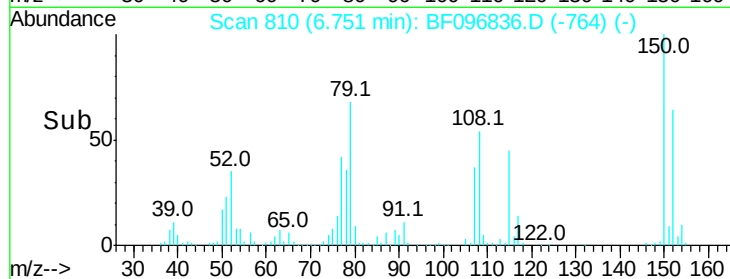
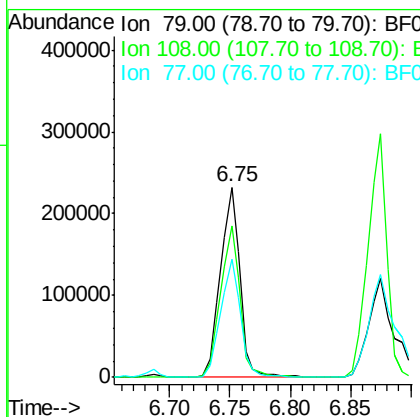
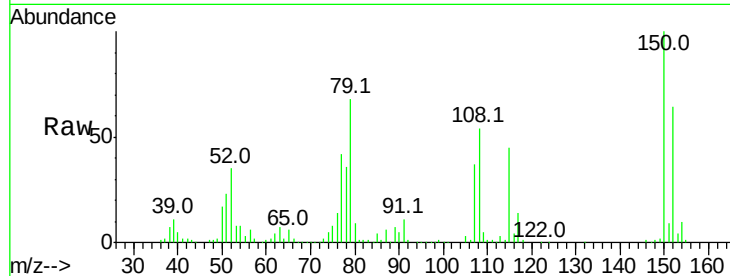
#15
Benzyl Alcohol
Concen: 40.016 ng
RT: 6.75 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	63.4	95.0
77	62.3	49.2	73.8

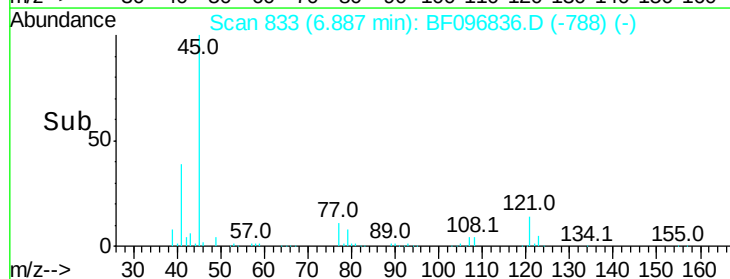
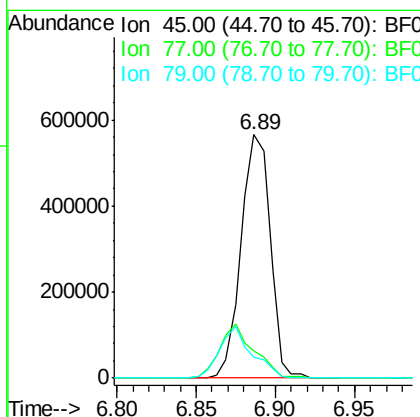
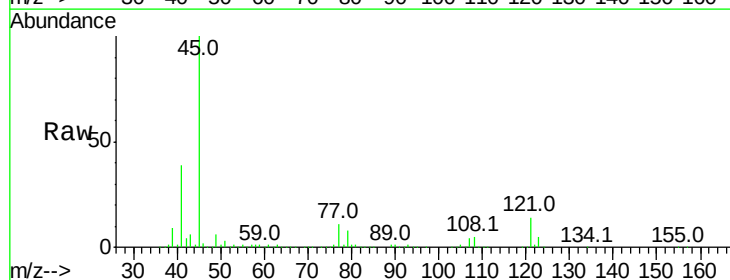
Manual Integrations
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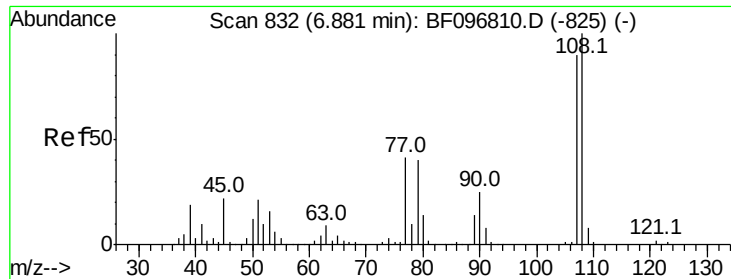
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.396 ng
RT: 6.89 min Scan# 833
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	33.2
79	8.4	0.0	30.0





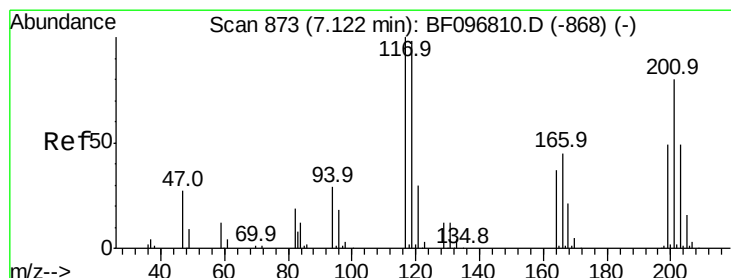
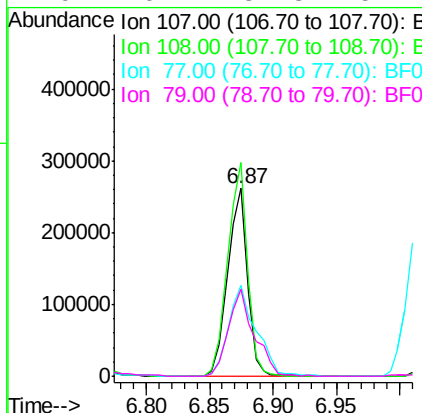
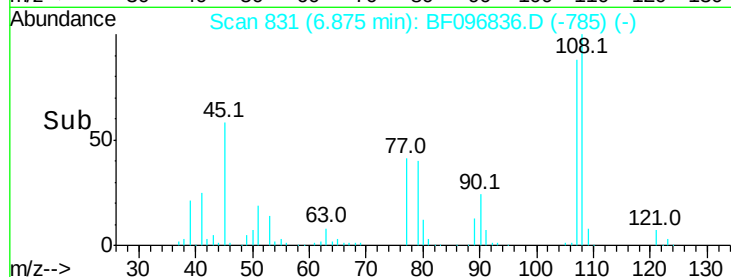
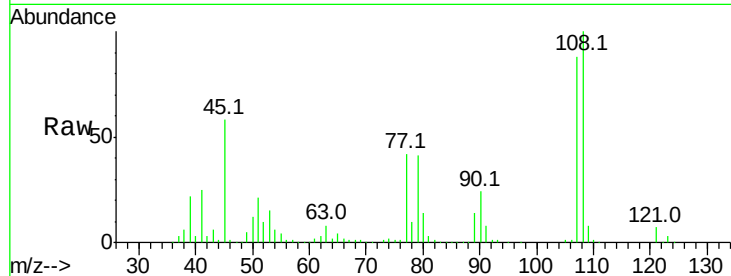
#17
2-Methylphenol
Concen: 40.533 ng
RT: 6.87 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.4	140.0
77	48.2	35.8	53.6
79	46.2	34.8	52.2

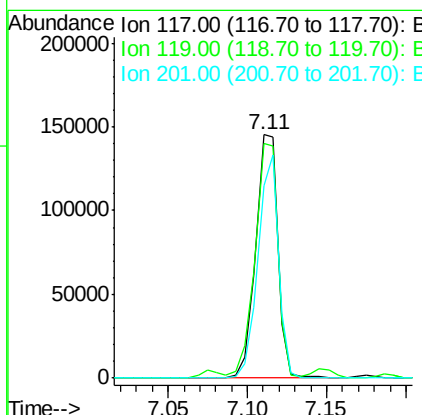
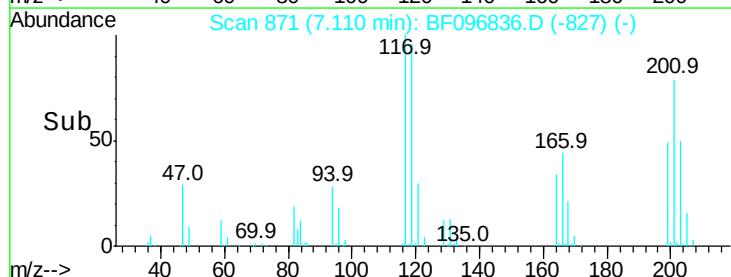
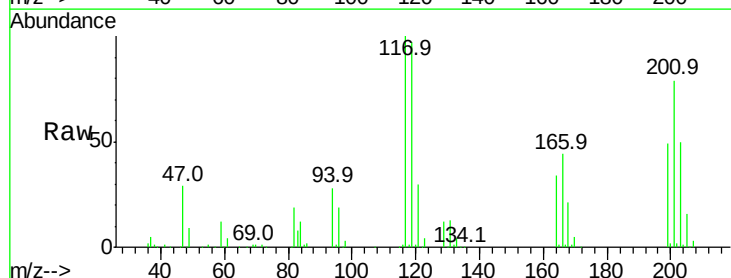
Manual Integrations
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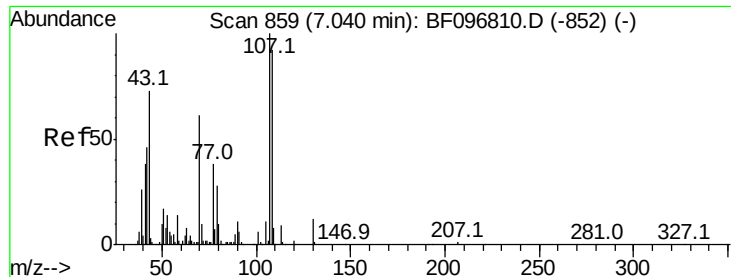
mohammad
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#18
Hexachloroethane
Concen: 41.861 ng
RT: 7.11 min Scan# 871
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	78.8	94.6	141.8#





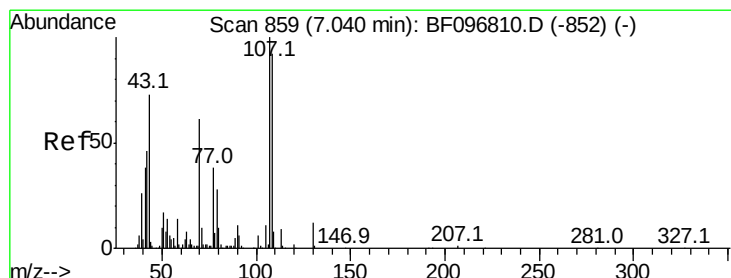
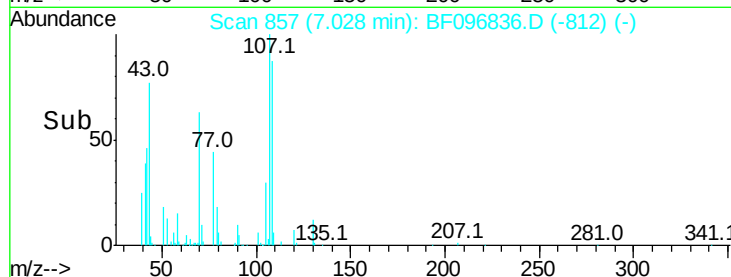
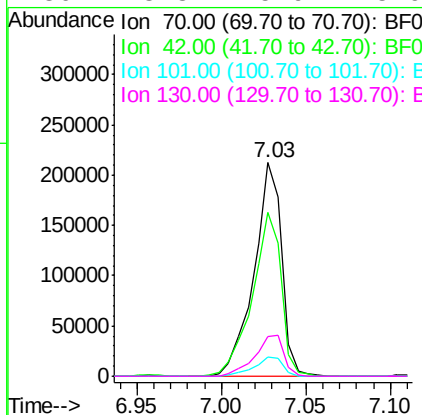
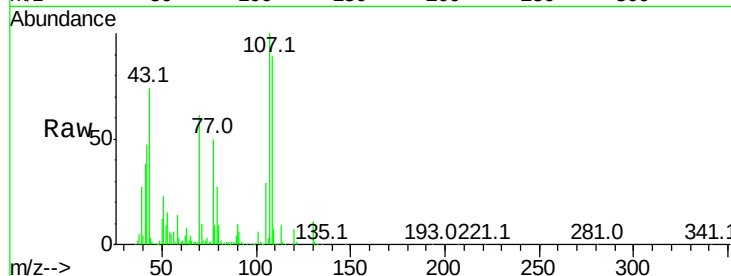
#19
n-Nitroso-di-n-propylamine
Concen: 40.462 ng
RT: 7.03 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.8	47.2	70.8#
101	9.3	7.2	10.8
130	18.8	15.9	23.9

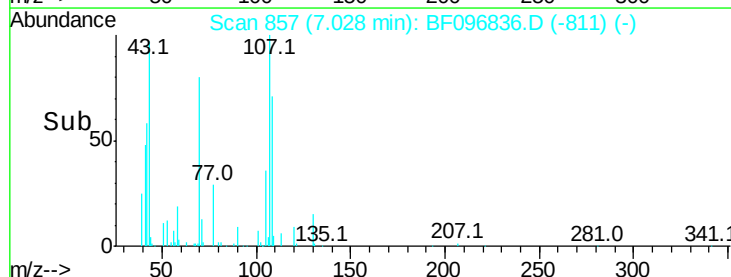
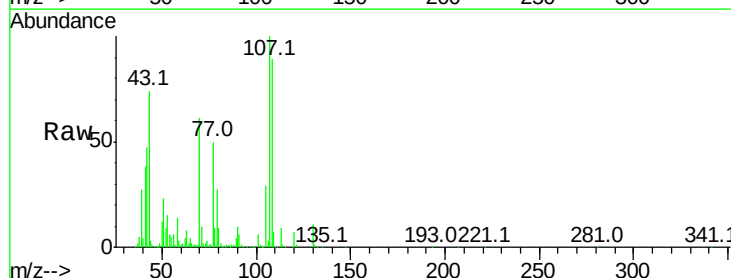
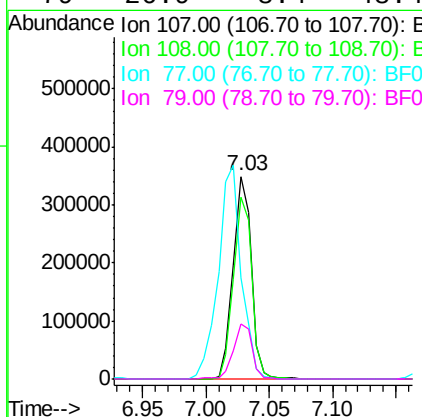
Manual Integrations
APPROVED

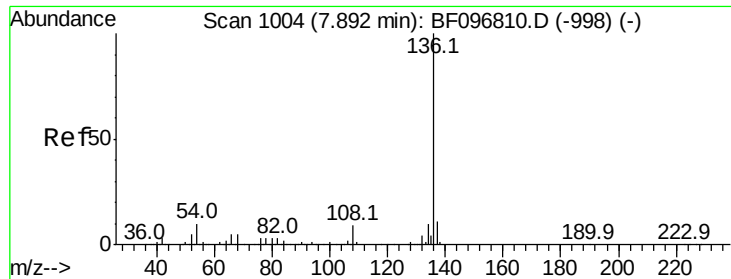
mohammad
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#20
3+4-Methylphenols
Concen: 40.614 ng
RT: 7.03 min Scan# 857
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	49.9	90.5	130.5#
79	26.9	8.4	48.4





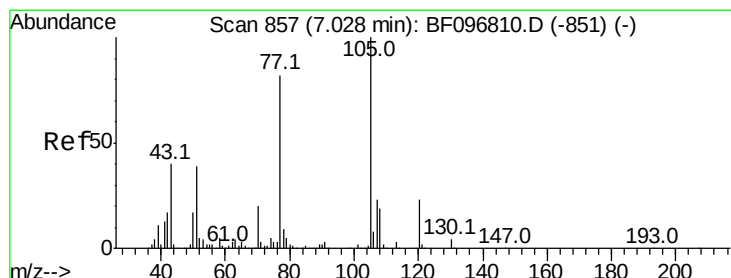
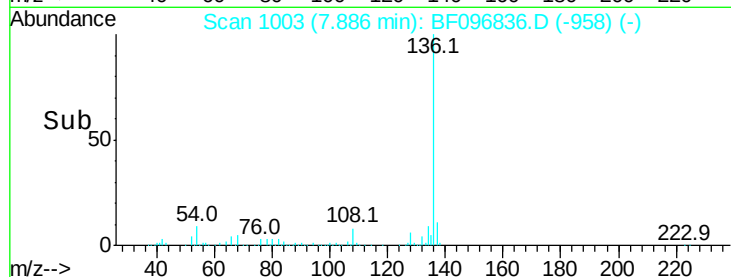
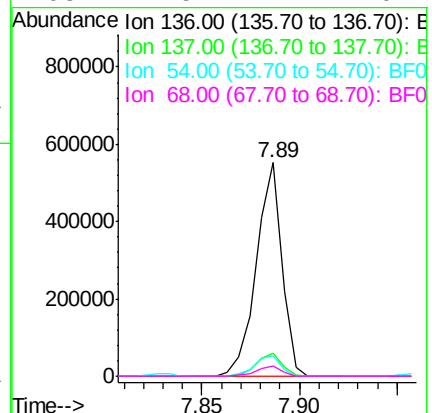
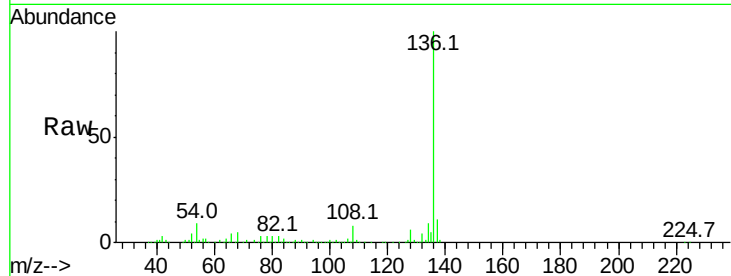
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1003
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.4	4.9	7.3
68	4.5	4.1	6.1

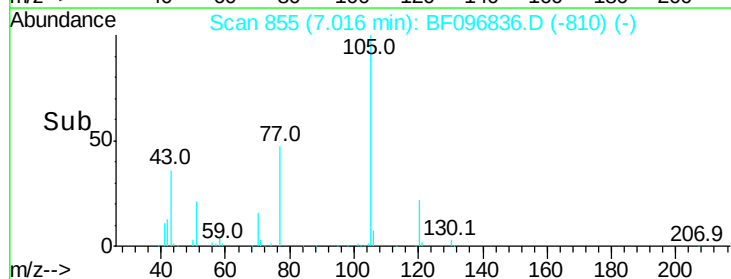
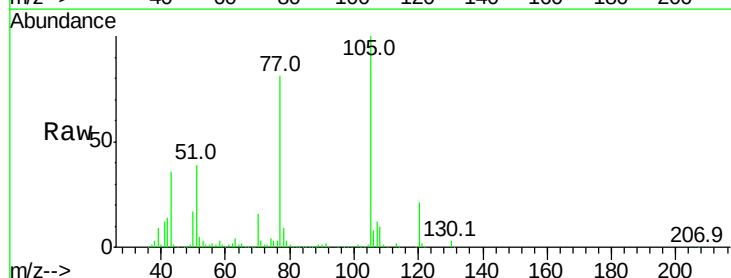
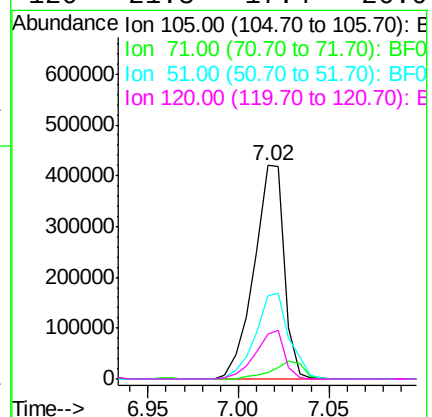
Manual Integrations
APPROVED

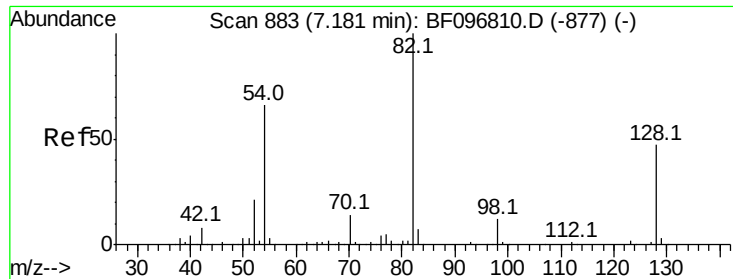
mohammad
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#22
Acetophenone
Concen: 43.488 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.2	2.8	4.2
51	38.7	30.7	46.1
120	21.3	17.4	26.0





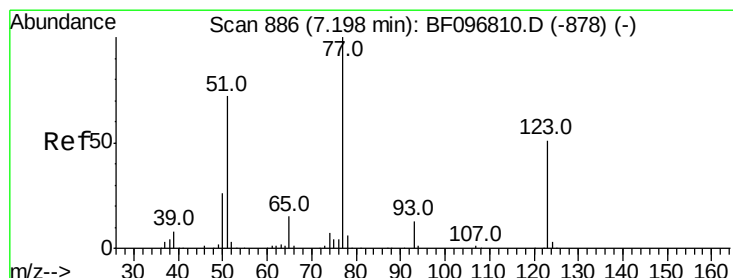
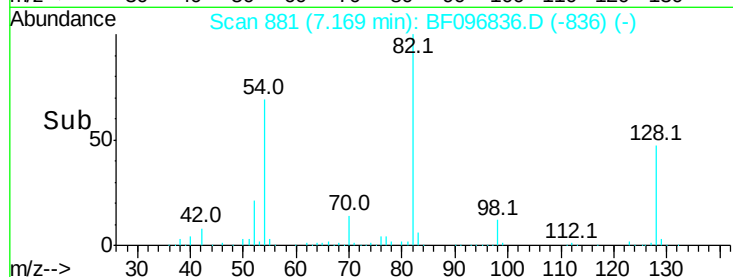
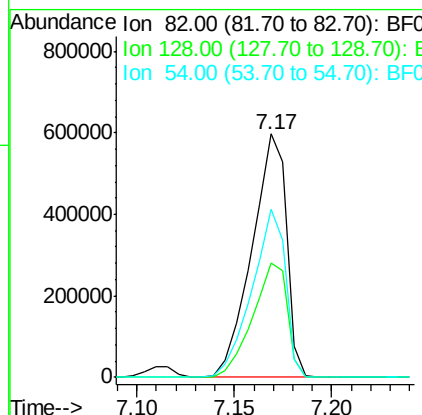
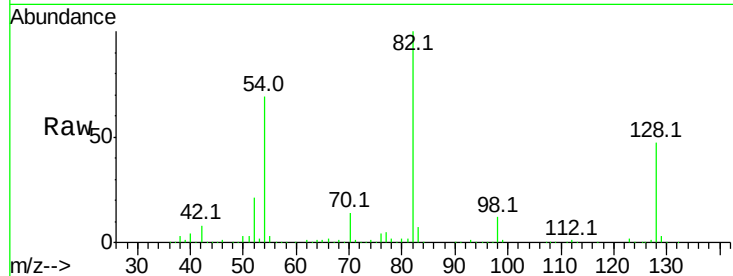
#23
Nitrobenzene-d5
Concen: 90.447 ng
RT: 7.17 min Scan# 881
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	69.1	42.2	63.2

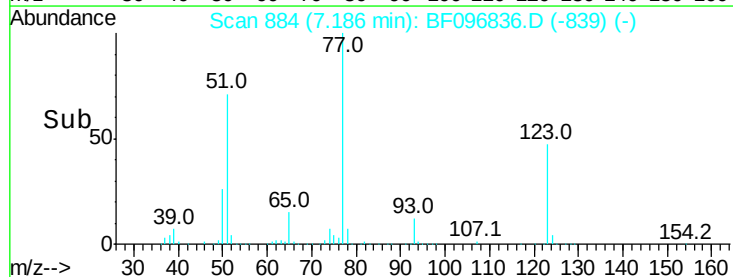
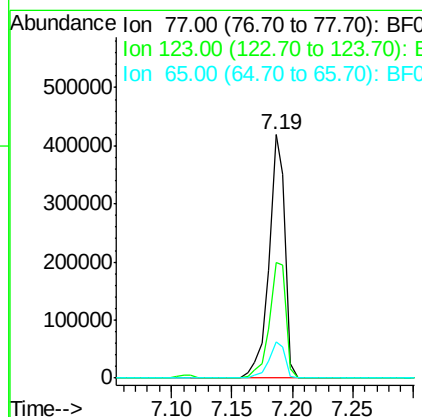
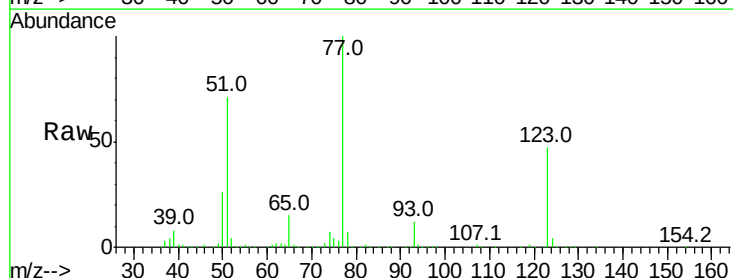
Manual Integrations
APPROVED

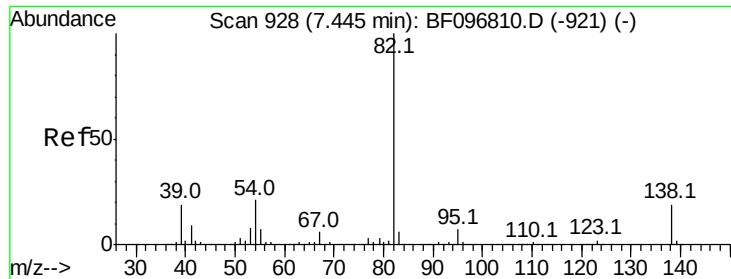
mohammad
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#24
Nitrobenzene
Concen: 45.766 ng
RT: 7.19 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.8	53.8
65	14.8	10.6	15.8





#25

Isophorone

Concen: 43.714 ng

RT: 7.43 min Scan# 926

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

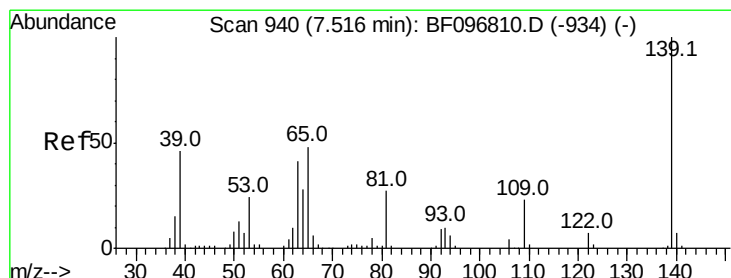
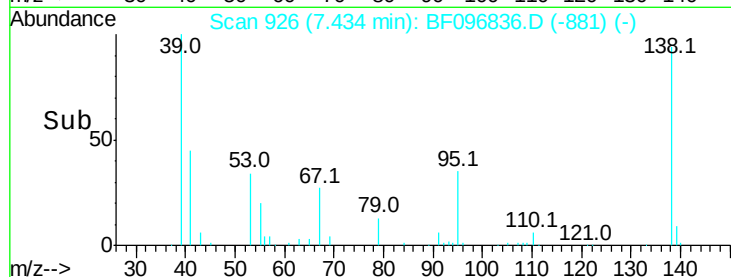
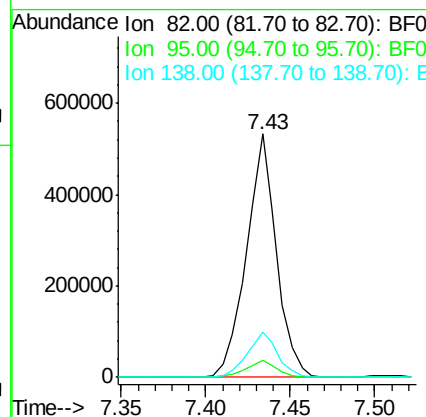
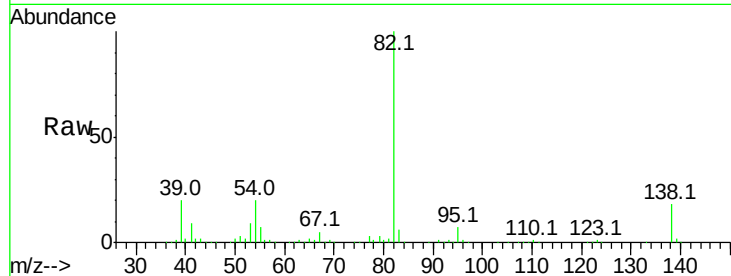
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	658453
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.3	7.9
138	18.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.350 ng

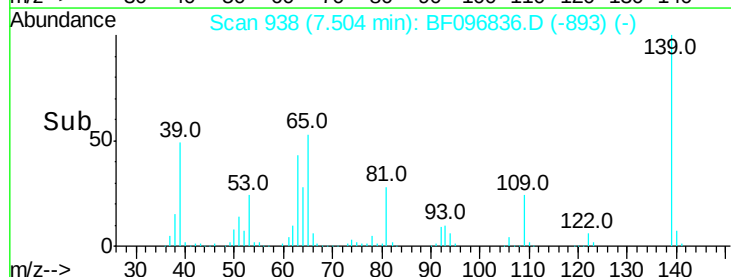
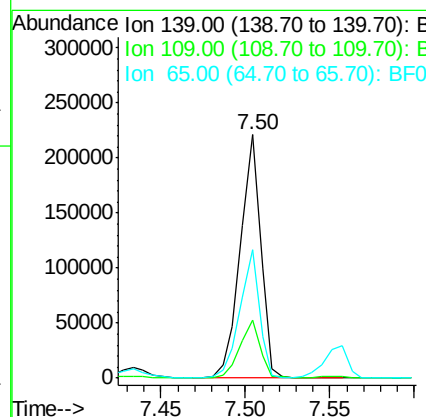
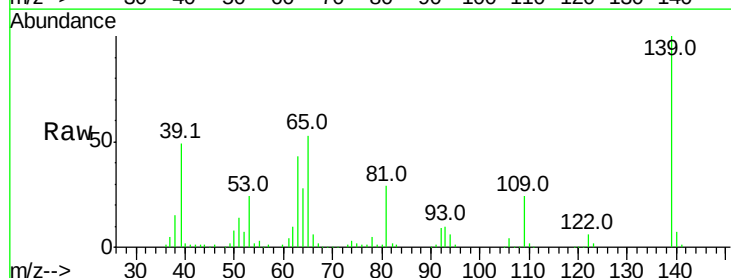
RT: 7.50 min Scan# 938

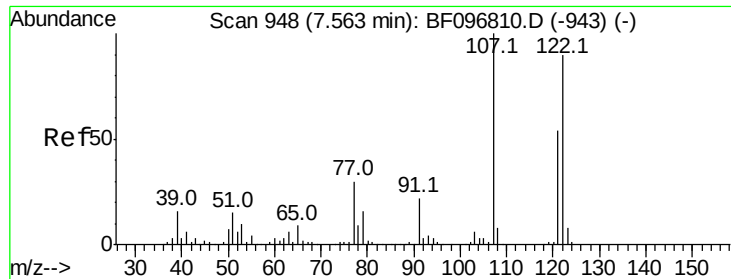
Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	139	Resp:	187883
Ion Ratio		Lower	Upper
139	100		
109	23.9	21.0	31.6
65	52.6	33.0	49.6#





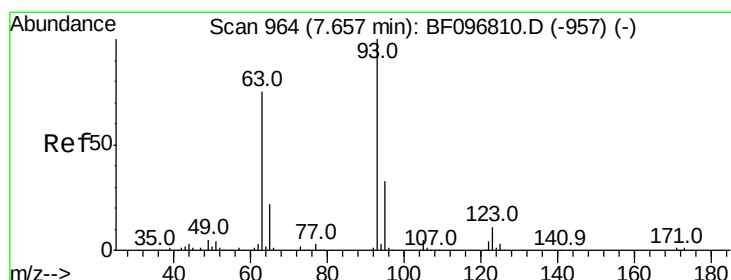
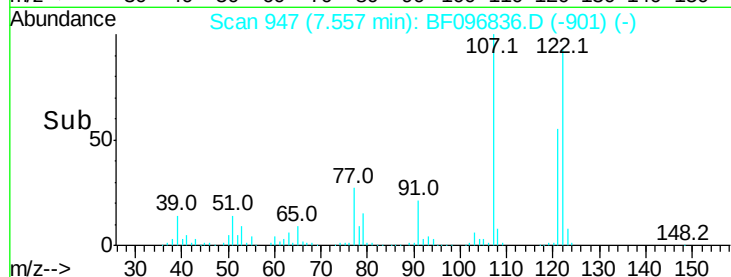
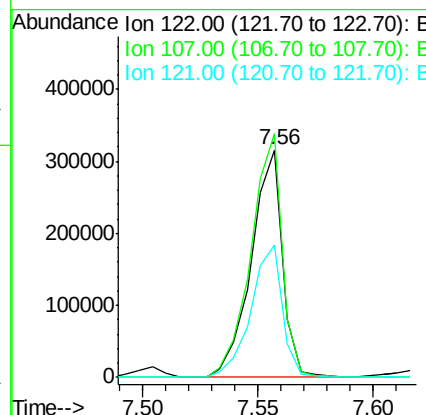
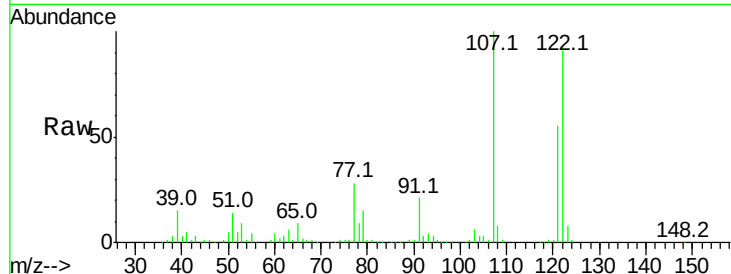
#27
2,4-Dimethylphenol
Concen: 39.191 ng
RT: 7.56 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.2	89.2	133.8
121	58.4	45.2	67.8

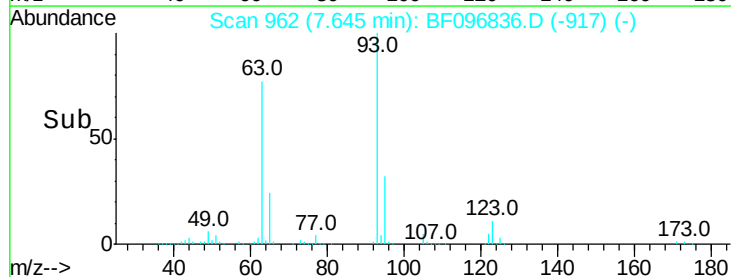
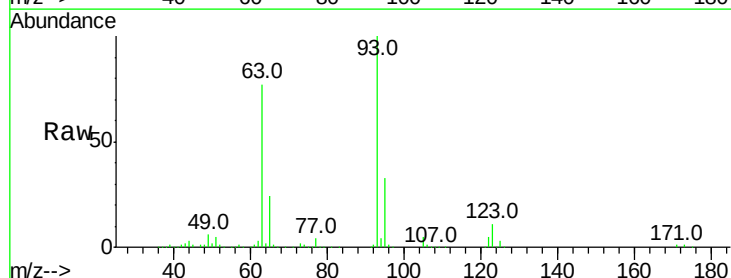
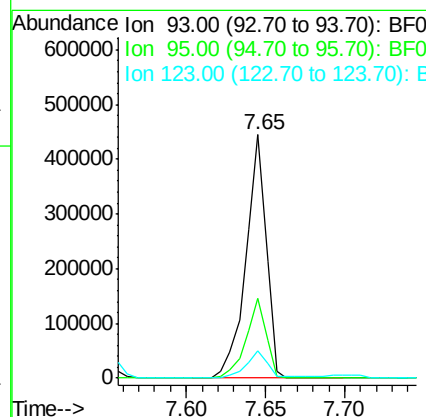
Manual Integrations
APPROVED

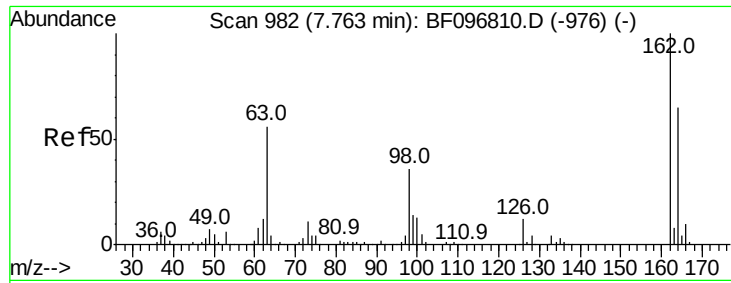
mohammad
7/19/2017 2:31:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.637 ng
RT: 7.65 min Scan# 962
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

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





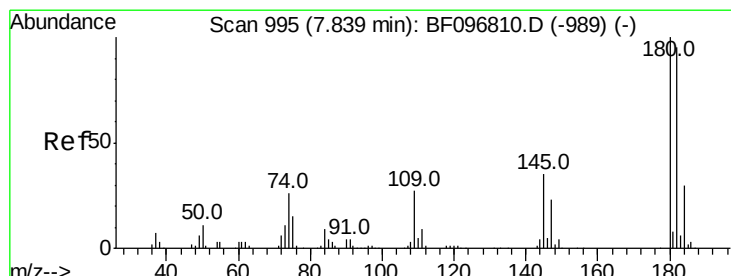
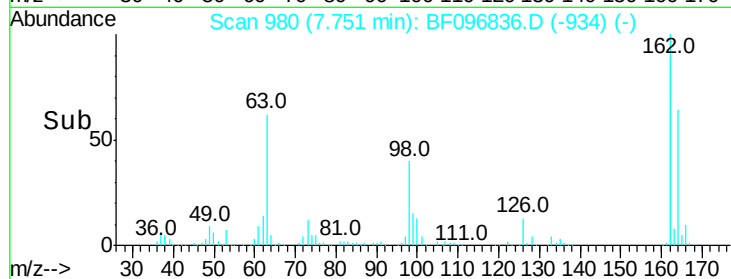
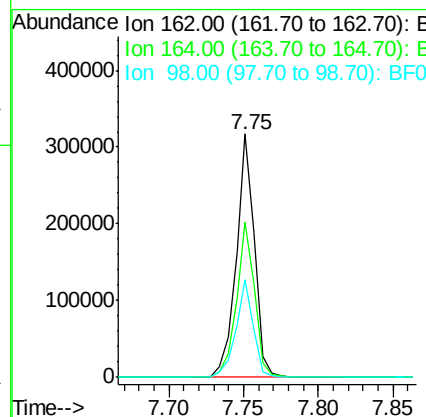
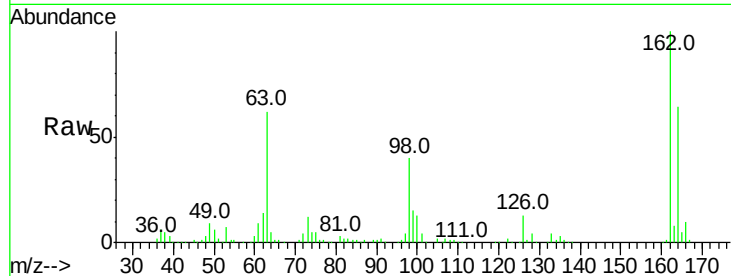
#29
 2,4-Dichlorophenol
 Concen: 39.435 ng
 RT: 7.75 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.6	84.6
98	40.0	14.8	54.8

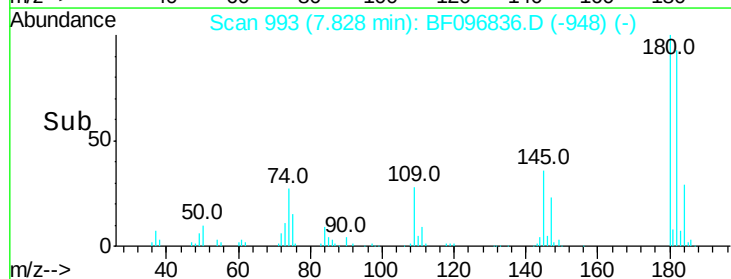
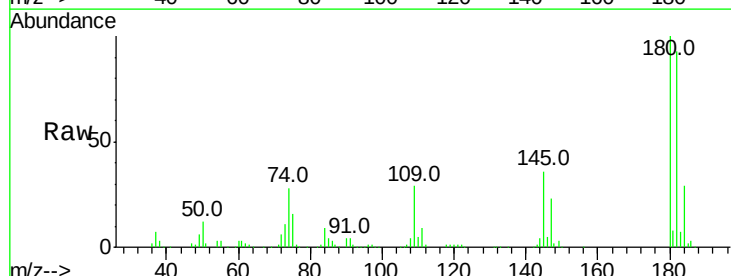
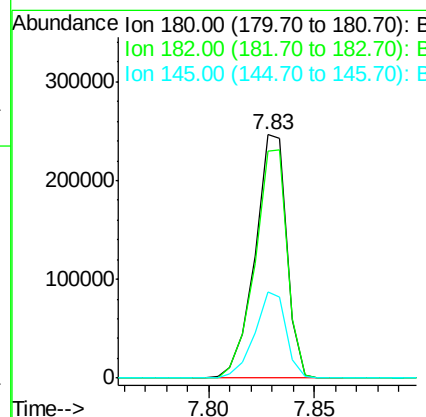
Manual Integrations
 APPROVED

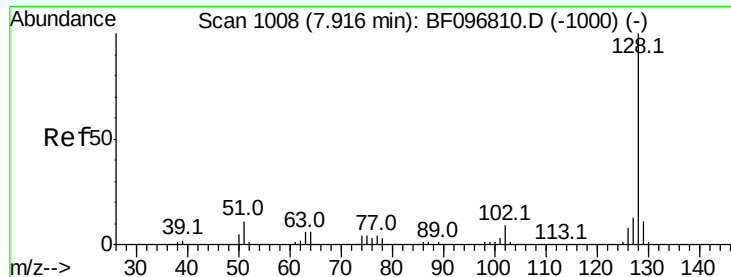
mohammad
 7/19/2017 2:31:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.284 ng
 RT: 7.83 min Scan# 993
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	75.8	113.6
145	35.6	25.3	37.9





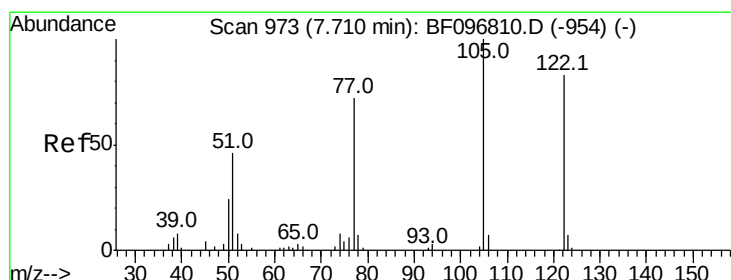
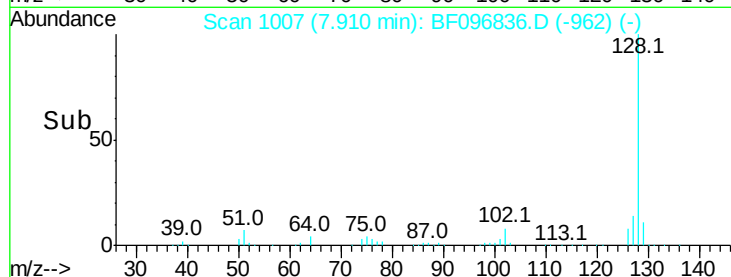
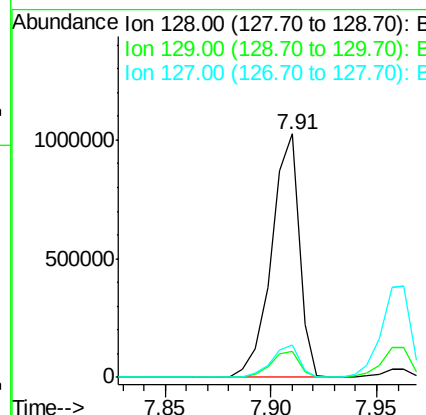
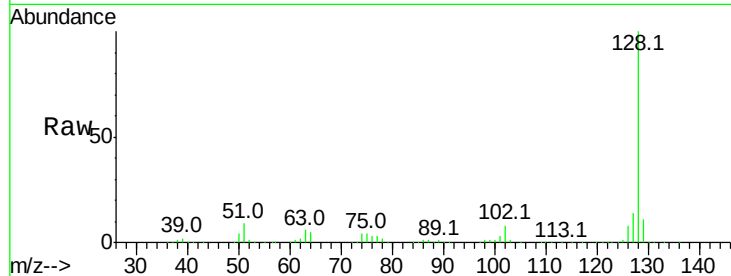
#31
Naphthalene
Concen: 39.602 ng
RT: 7.91 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.5	10.8	16.2

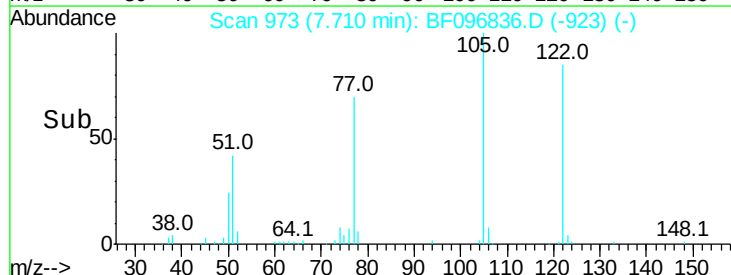
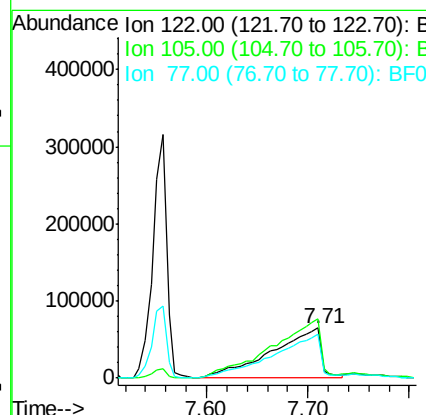
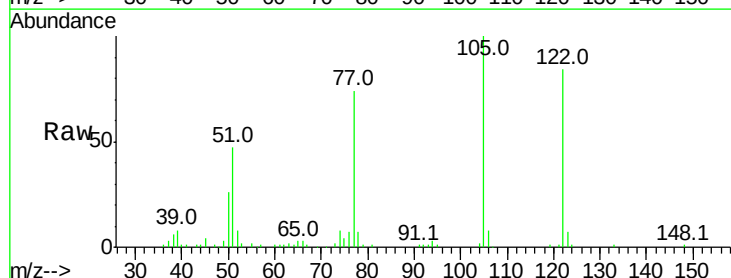
Manual Integrations
APPROVED

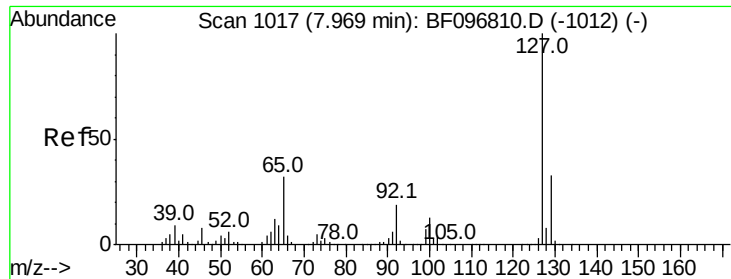
mohammad
7/19/2017 2:31:02 PM



#32
Benzoic acid
Concen: 43.378 ng
RT: 7.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	118.7	103.3	143.3
77	87.7	73.7	113.7





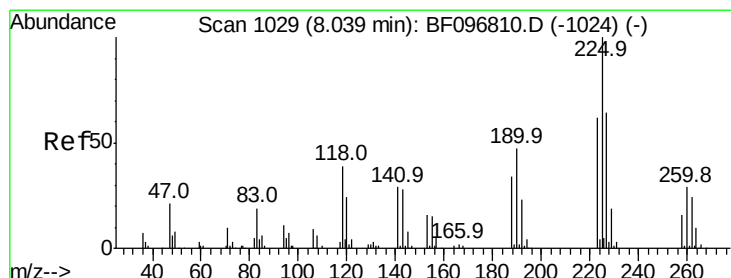
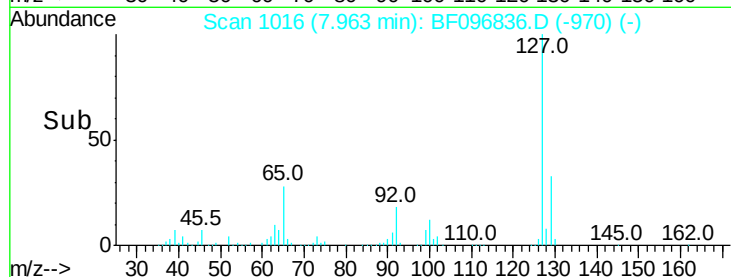
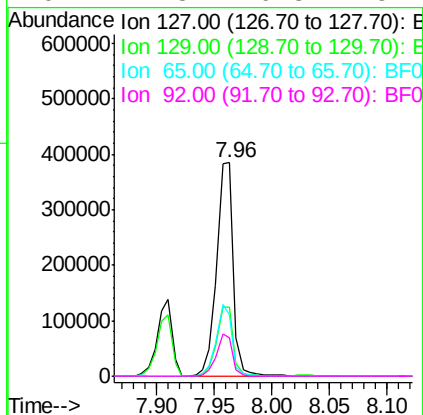
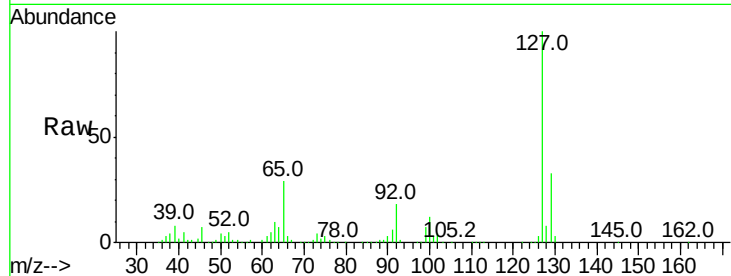
#33
4-Chloroaniline
Concen: 41.109 ng
RT: 7.96 min Scan# 1016
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	28.7	27.8	41.8		
92	17.8	16.8	25.2		

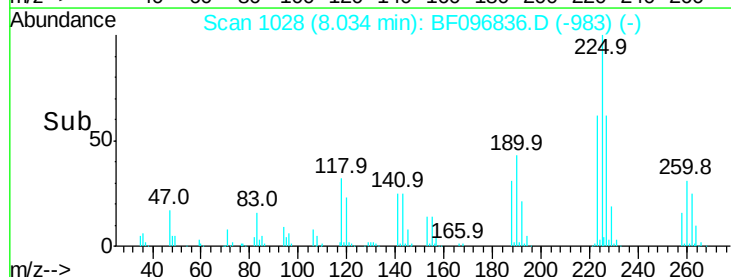
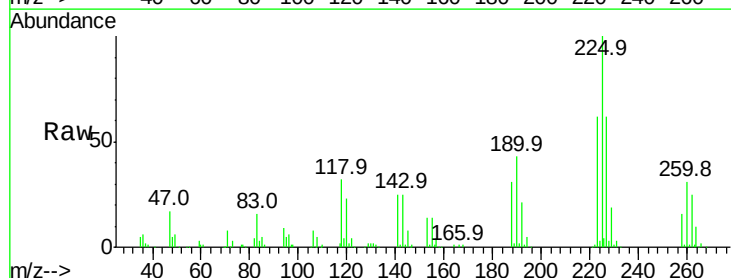
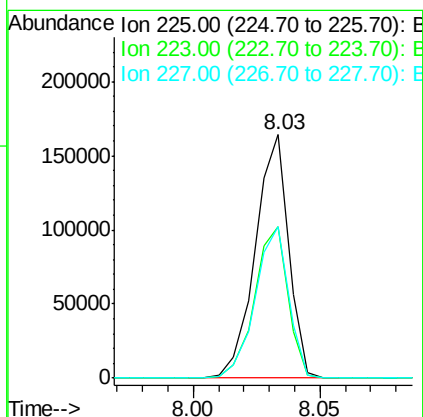
Manual Integrations
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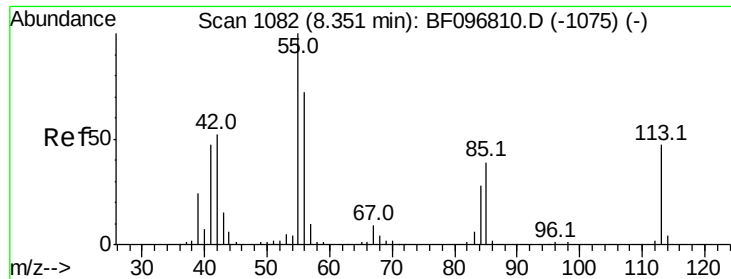
mohammad
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#34
Hexachlorobutadiene
Concen: 42.826 ng
RT: 8.03 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	48.8	73.2		
227	62.2	51.1	76.7		





#35

Caprolactam

Concen: 40.757 ng

RT: 8.35 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 90553

Ion Ratio Lower Upper

113 100

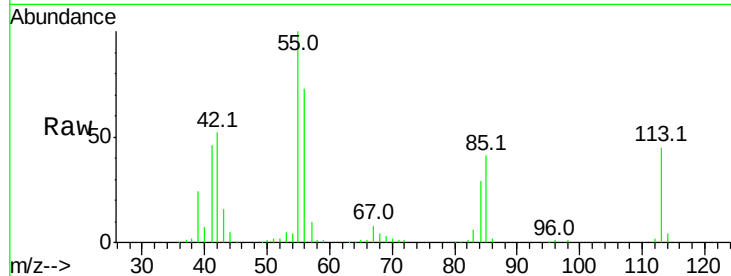
55 222.2 150.2 190.2#

56 161.5 107.8 147.8#

Manual Integrations
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mohammad

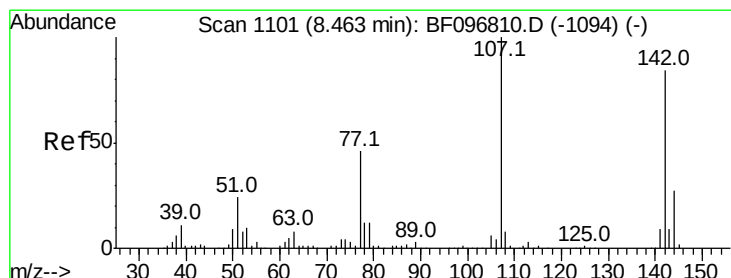
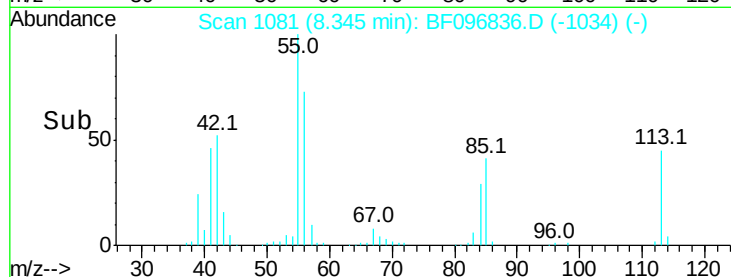
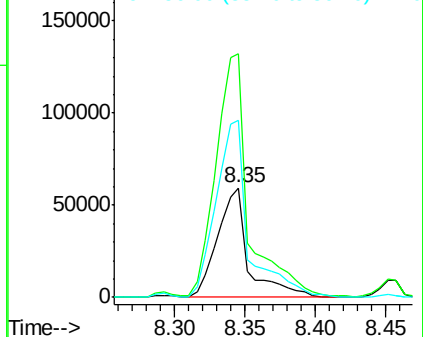
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.613 ng

RT: 8.45 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

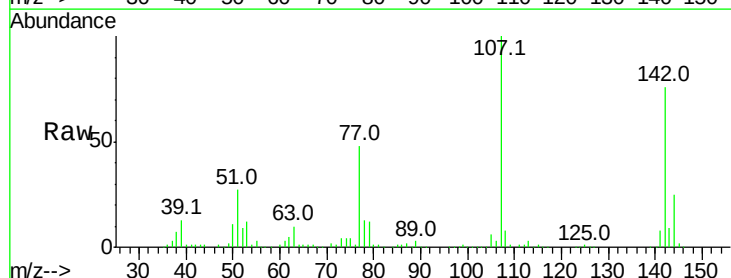
Tgt Ion:107 Resp: 325174

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

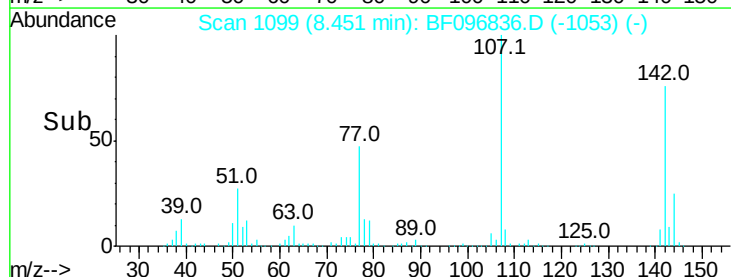
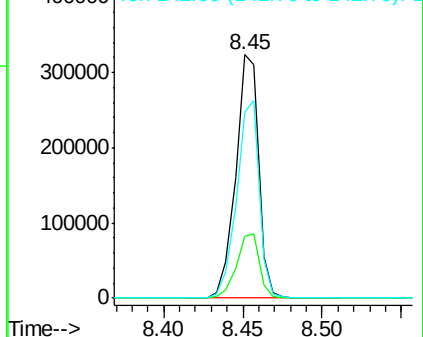
142 76.5 73.4 110.0

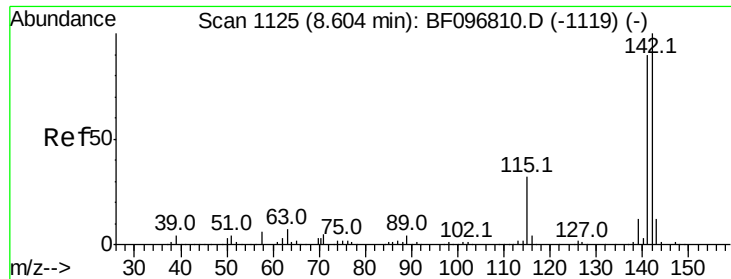


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





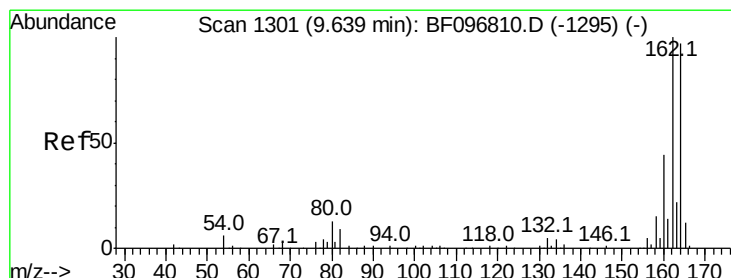
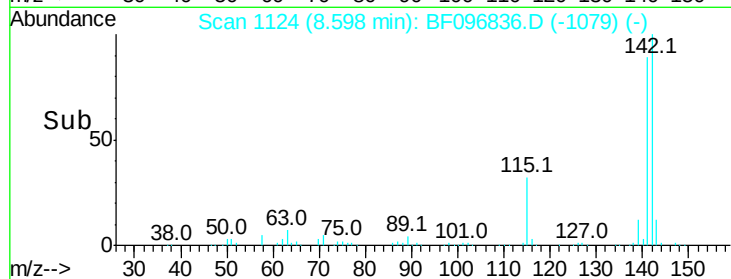
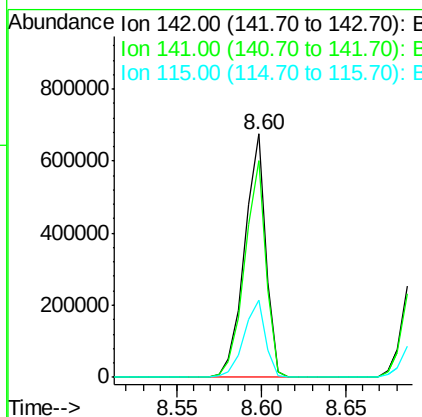
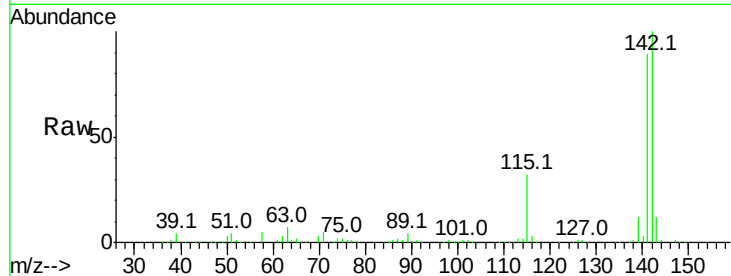
#37
2-Methylnaphthalene
Concen: 39.197 ng
RT: 8.60 min Scan# 1124
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.8	27.1	40.7

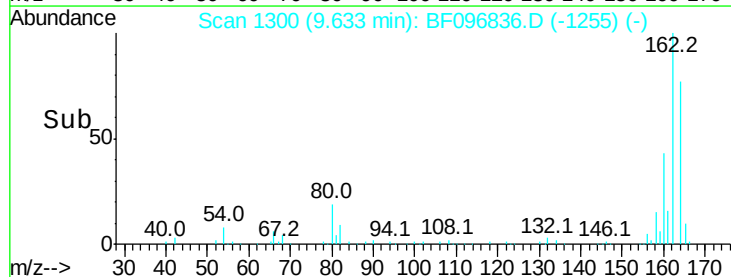
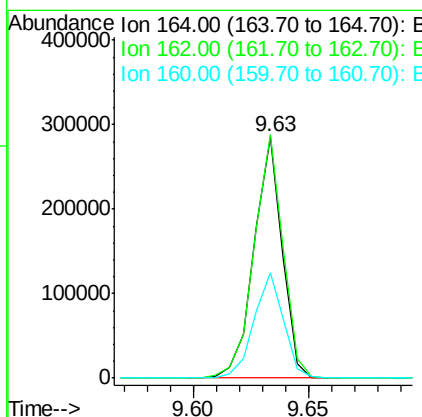
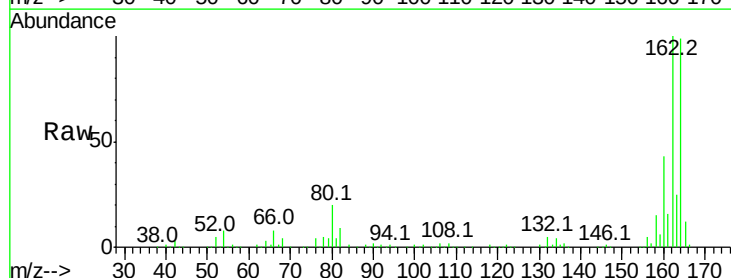
Manual Integrations
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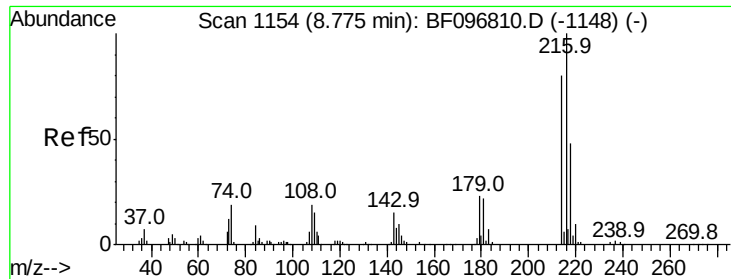
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	43.4	36.2	54.2





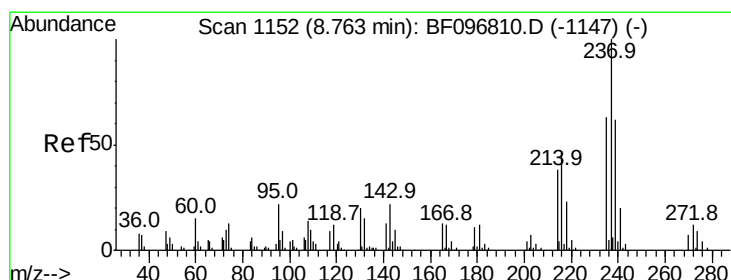
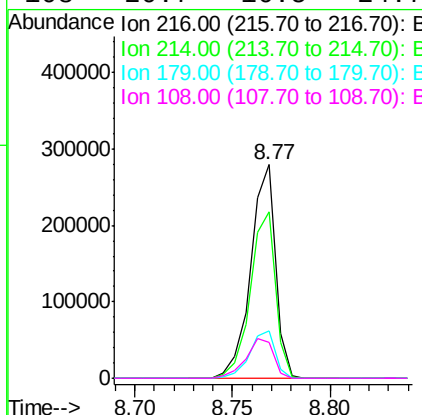
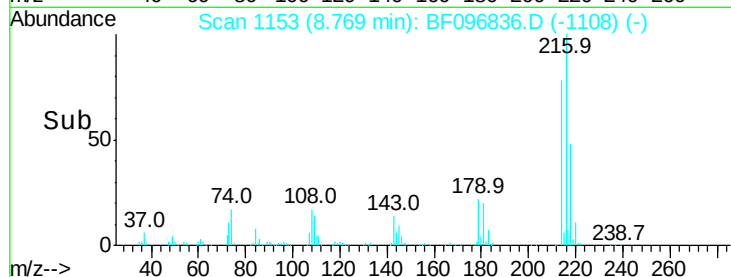
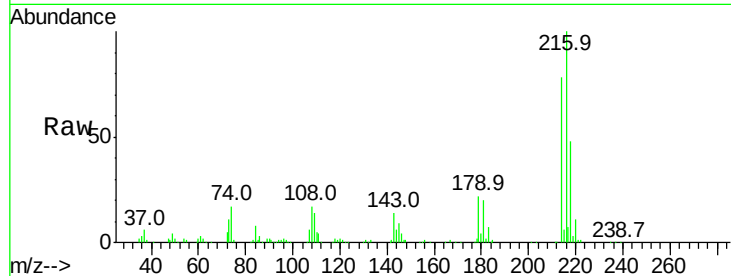
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.317 ng
 RT: 8.77 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	246383		
214	79.4	63.4	95.2	
179	22.8	17.9	26.9	
108	20.7	16.5	24.7	

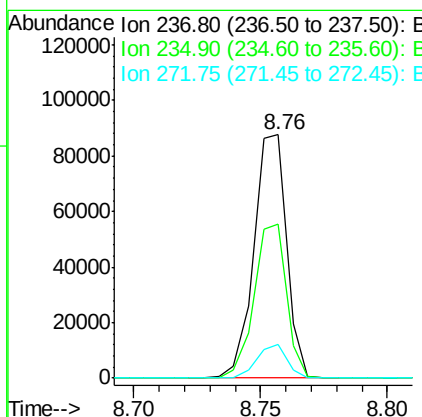
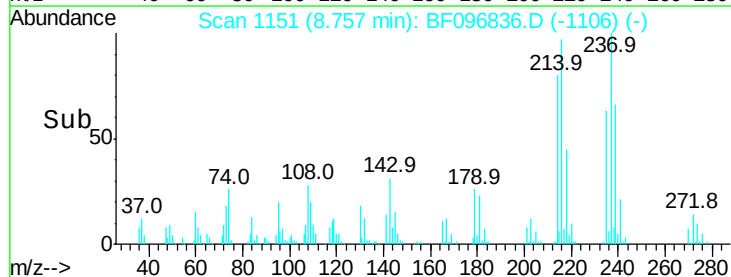
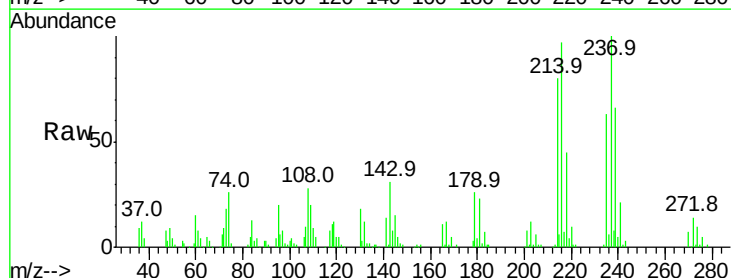
Manual Integrations
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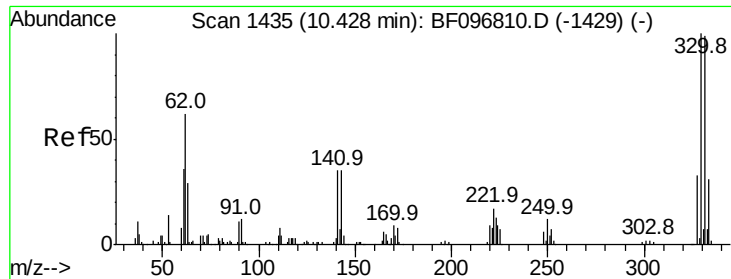
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 34.960 ng
 RT: 8.76 min Scan# 1151
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	79383		
235	63.4	42.6	82.6	
272	13.8	0.0	31.9	





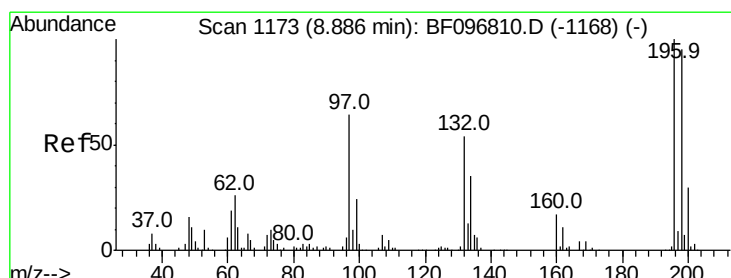
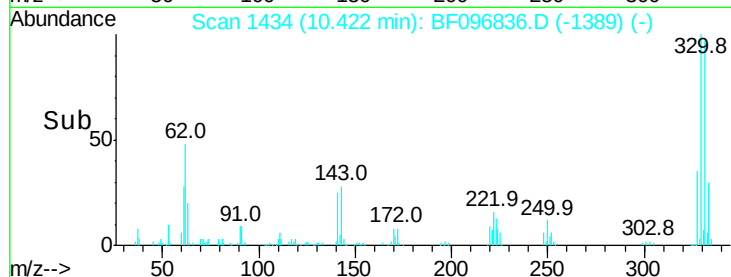
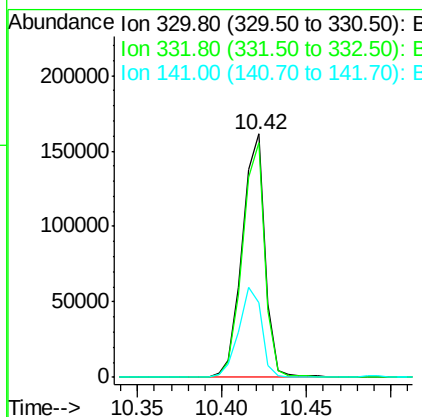
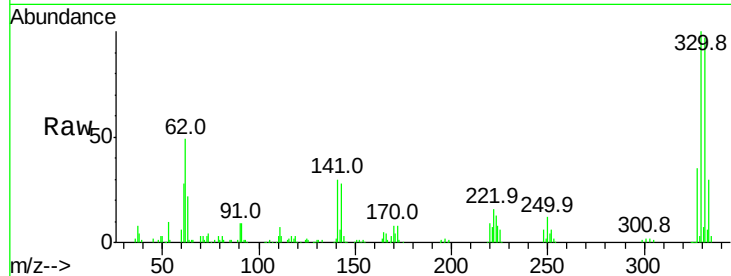
#41
 2,4,6-Tribromophenol
 Concen: 73.250 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	152715		
332	95.5	76.6	115.0	
141	37.4	31.4	47.2	

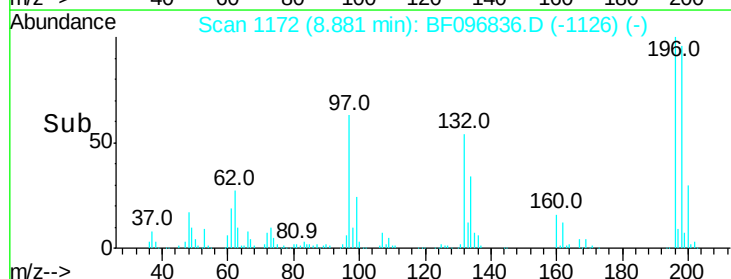
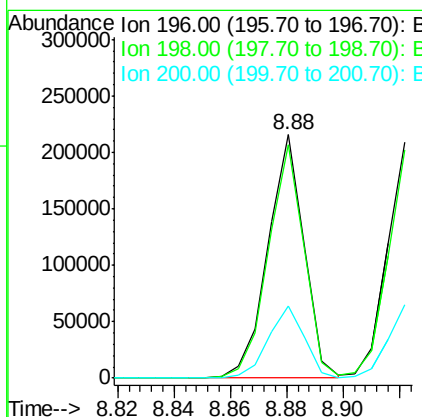
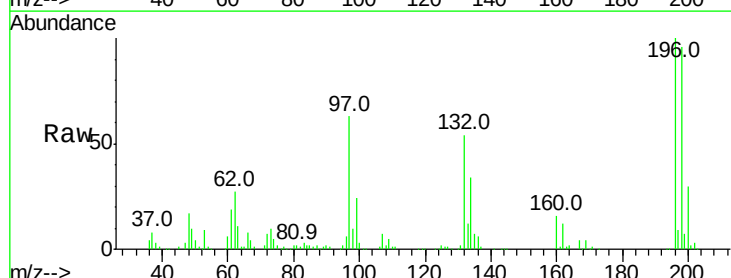
Manual Integrations
 APPROVED

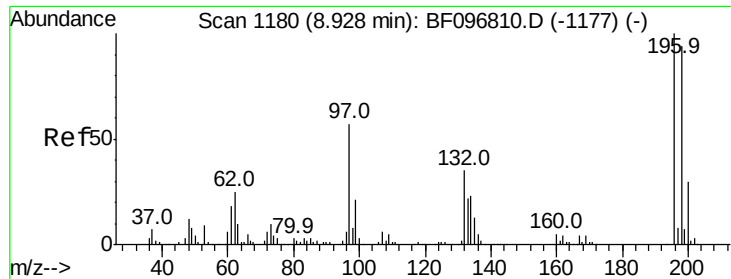
mohammad
 7/19/2017 2:31:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.168 ng
 RT: 8.88 min Scan# 1172
 Delta R.T. -0.03 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190759		
198	96.0	74.2	111.4	
200	29.8	24.0	36.0	





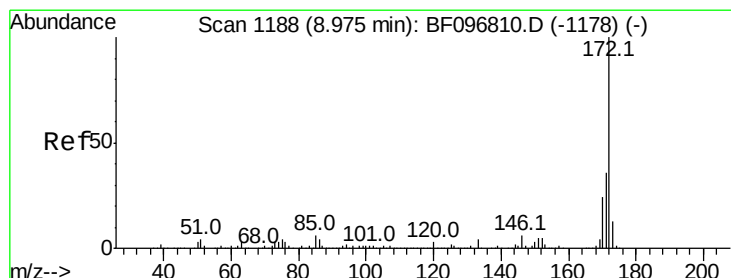
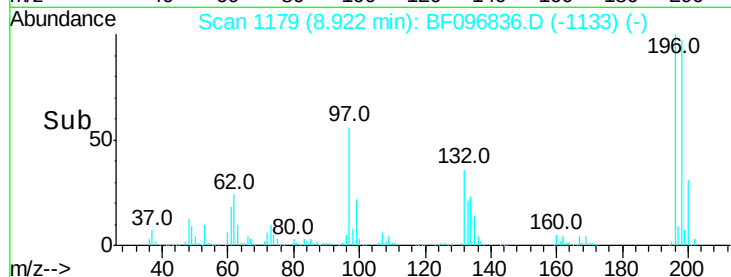
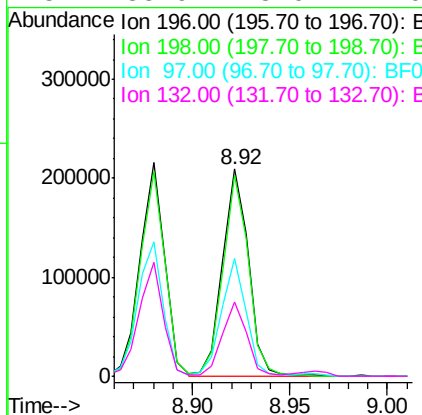
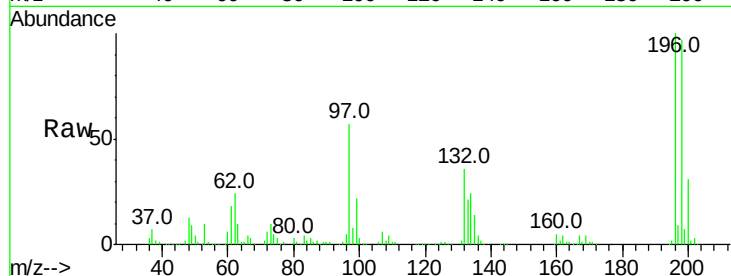
#43
 2,4,5-Trichlorophenol
 Concen: 39.266 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192868		
198	96.8	75.7	113.5	
97	56.5	47.7	71.5	
132	35.9	28.0	42.0	

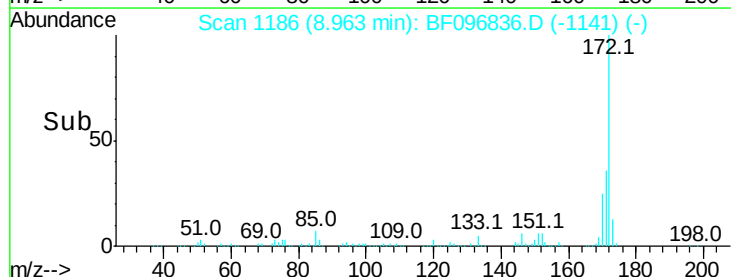
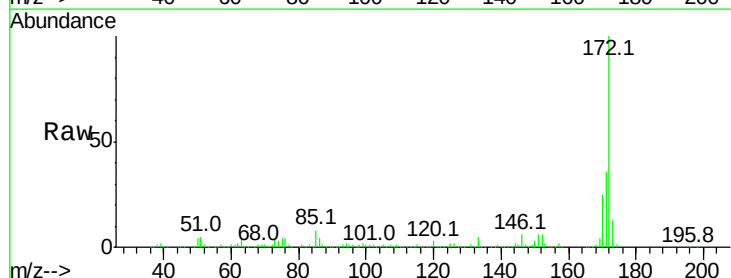
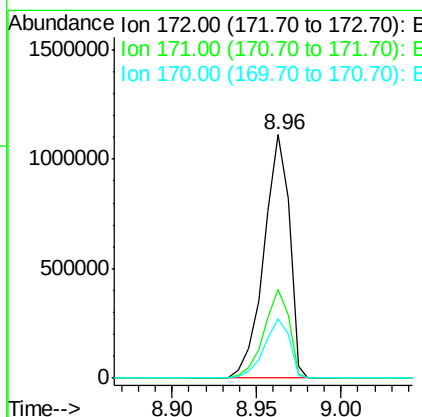
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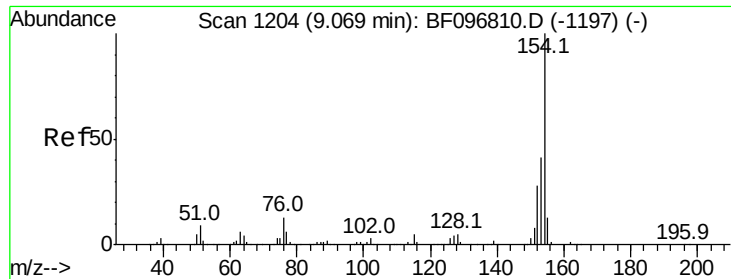
mohammad
 7/19/2017 2:31:02 PM



#44
 2-Fluorobiphenyl
 Concen: 74.993 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1159345		
171	36.4	29.6	44.4	
170	24.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.907 ng

RT: 9.06 min Scan# 1203

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

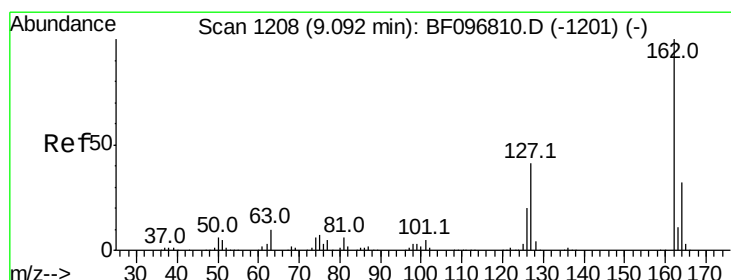
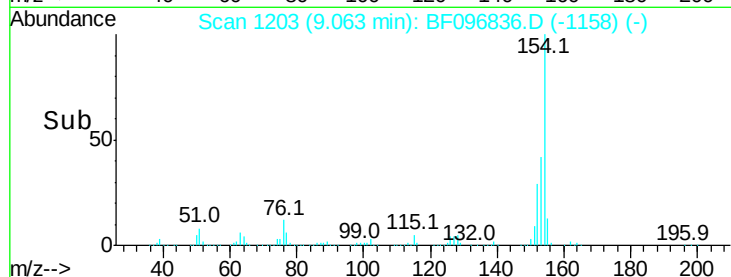
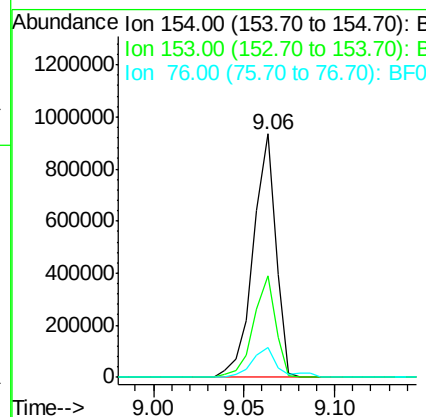
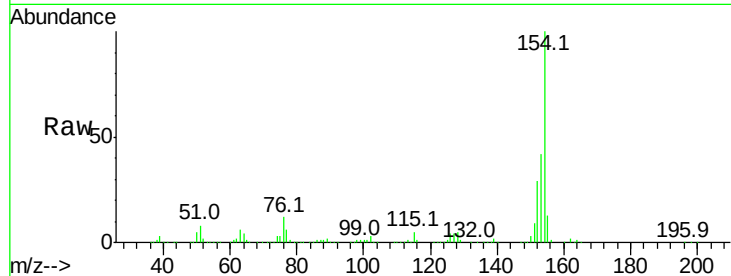
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	814999
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.2	61.2
76	12.3	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 37.962 ng

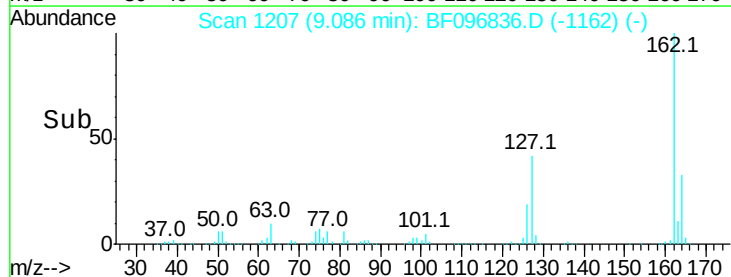
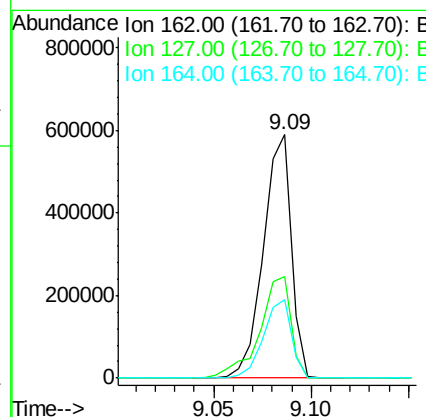
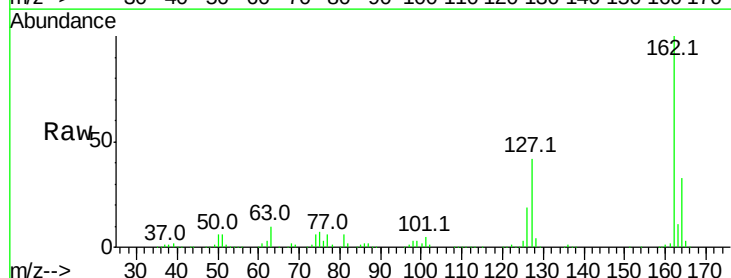
RT: 9.09 min Scan# 1207

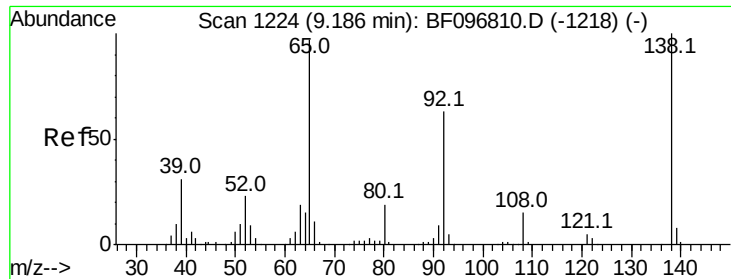
Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	162	Resp:	585562
Ion Ratio	Lower	Upper	
162	100		
127	41.6	28.3	42.5
164	32.5	27.0	40.4





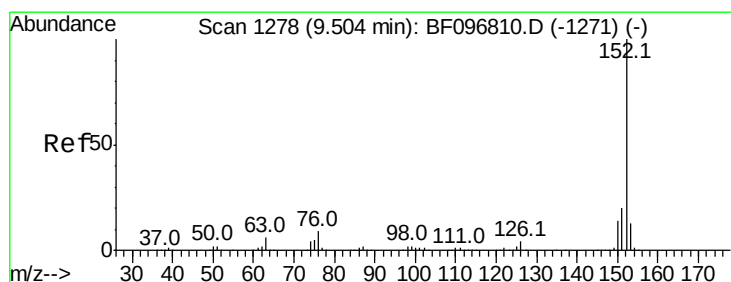
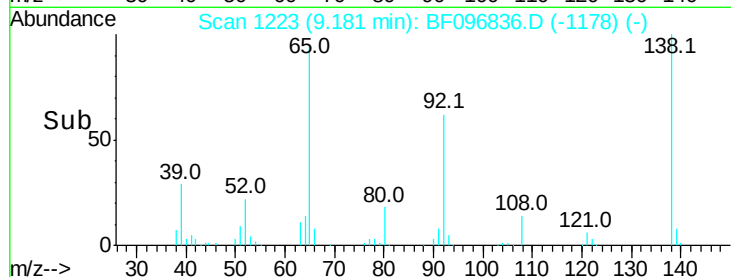
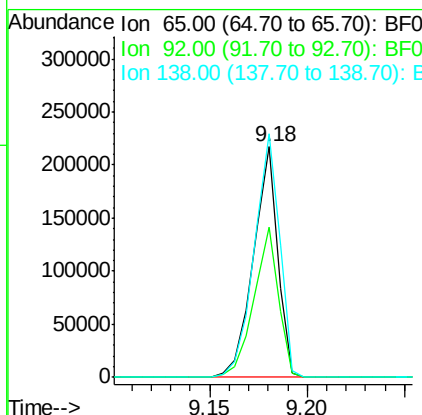
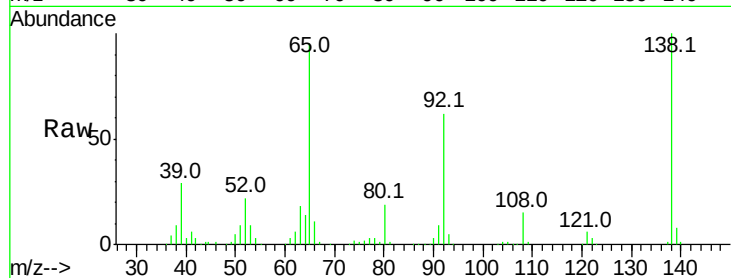
#47
2-Nitroaniline
Concen: 35.544 ng
RT: 9.18 min Scan# 1223
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	105.7	78.8	118.2

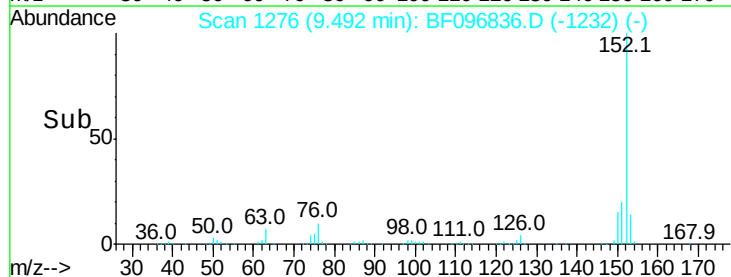
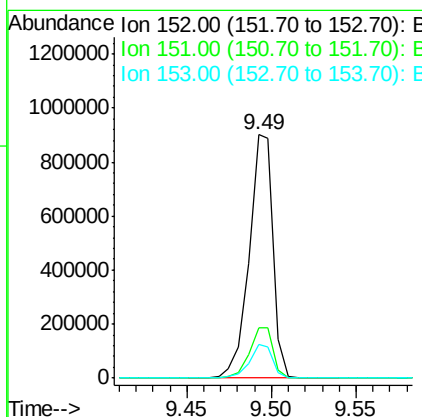
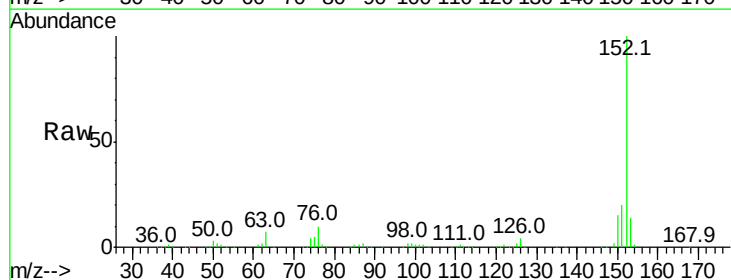
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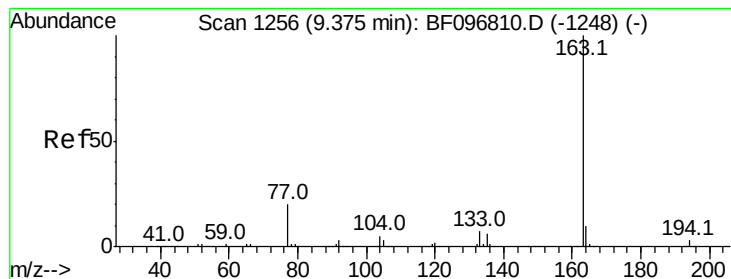
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#48
Acenaphthylene
Concen: 36.216 ng
RT: 9.49 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 35.766 ng

RT: 9.37 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

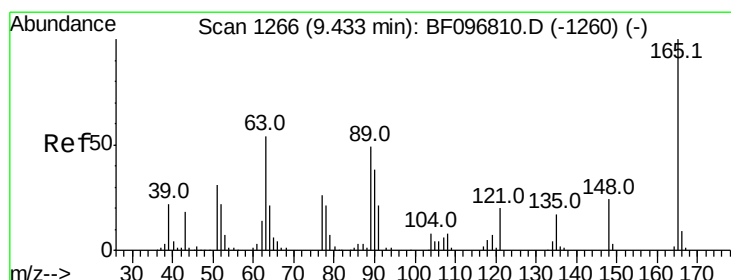
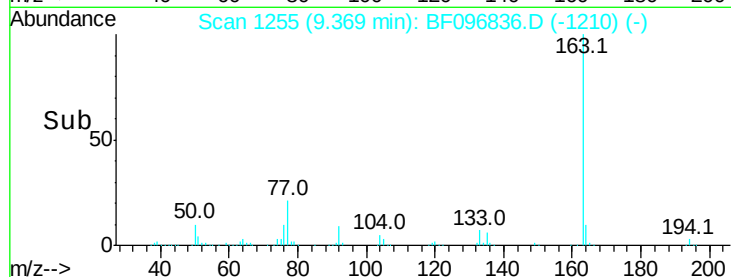
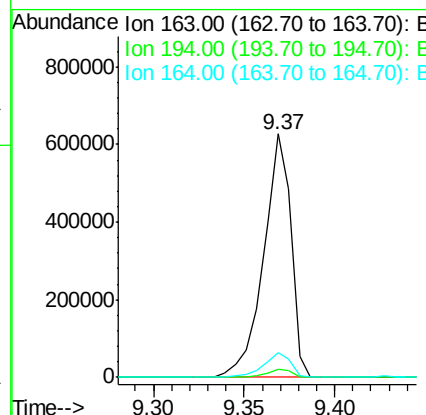
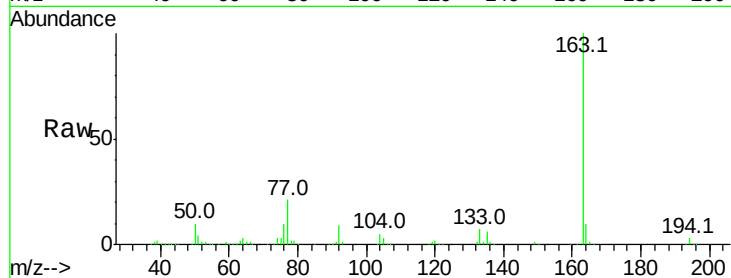
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	657770
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 36.232 ng

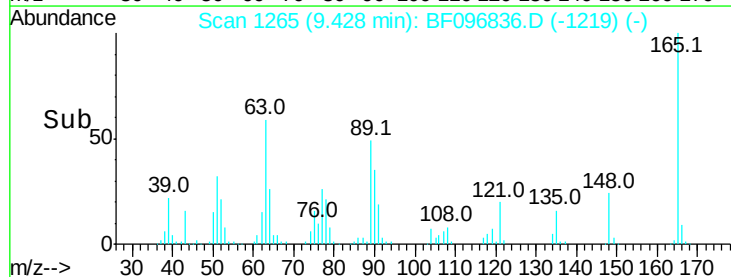
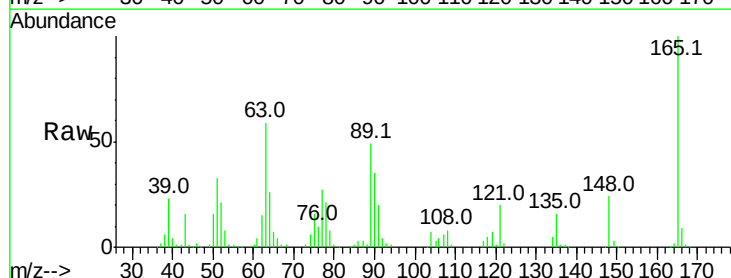
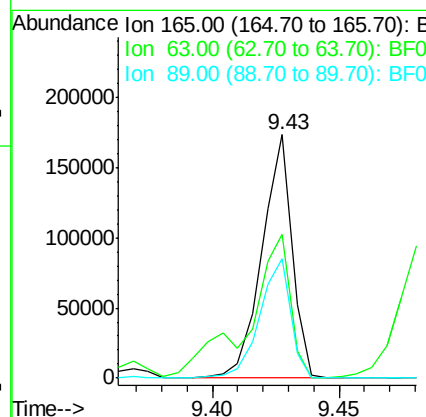
RT: 9.43 min Scan# 1265

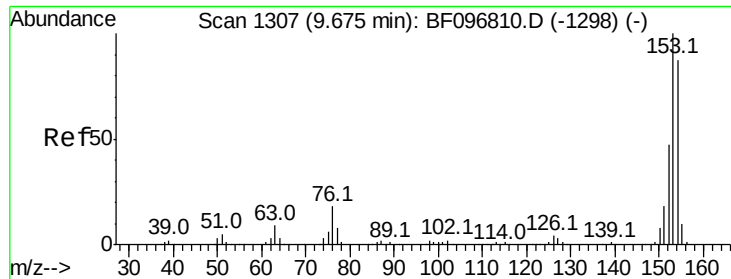
Delta R.T. -0.03 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	165	Resp:	144328
Ion Ratio	Lower	Upper	
165	100		
63	59.3	34.3	51.5#
89	49.1	37.1	55.7





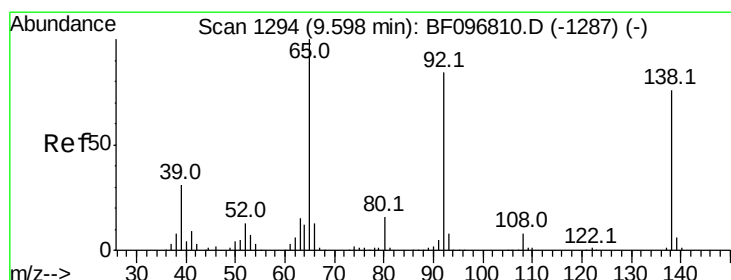
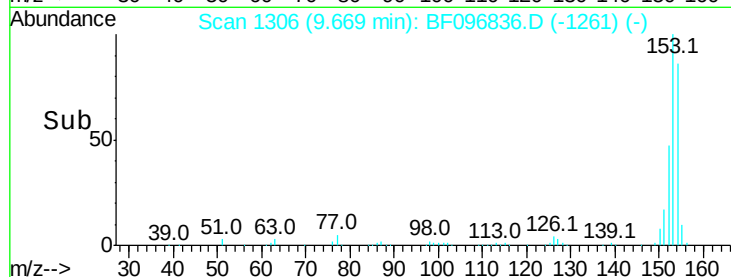
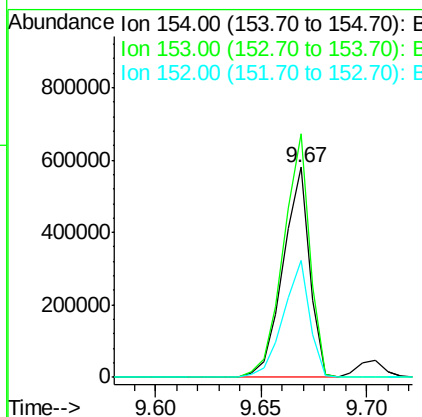
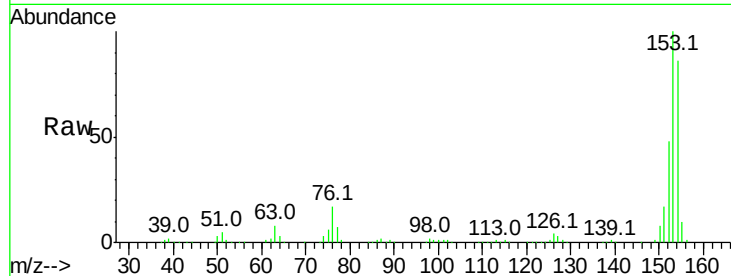
#51
Acenaphthene
Concen: 35.293 ng
RT: 9.67 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.5	135.7
152	55.7	43.6	65.4

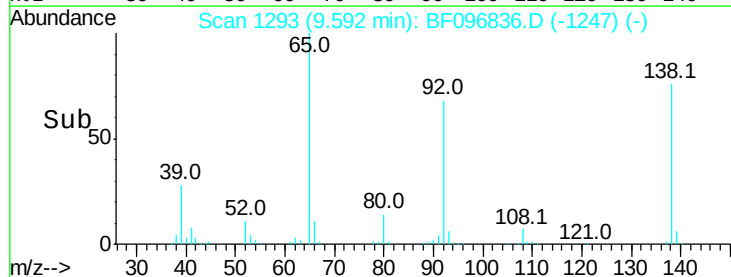
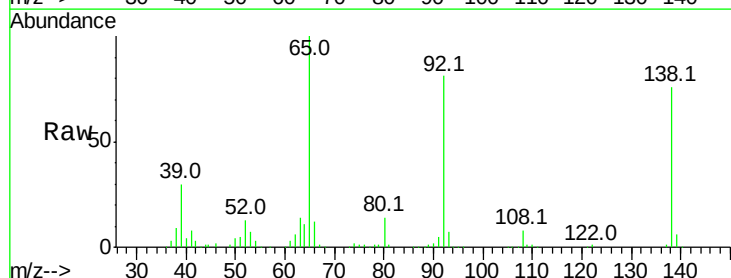
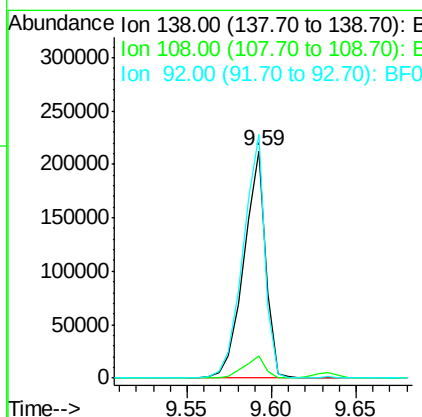
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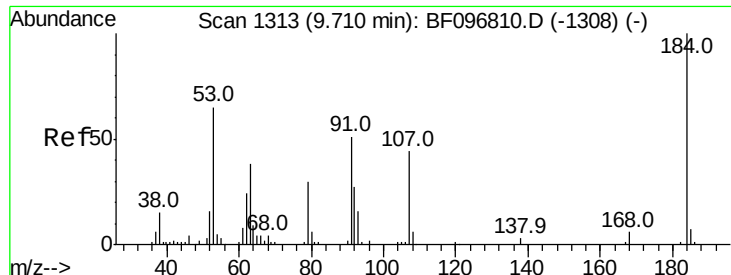
mohammad
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#52
3-Nitroaniline
Concen: 40.585 ng
RT: 9.59 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	107.2	93.8	140.6





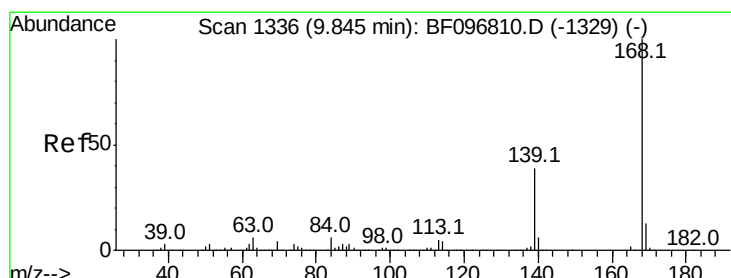
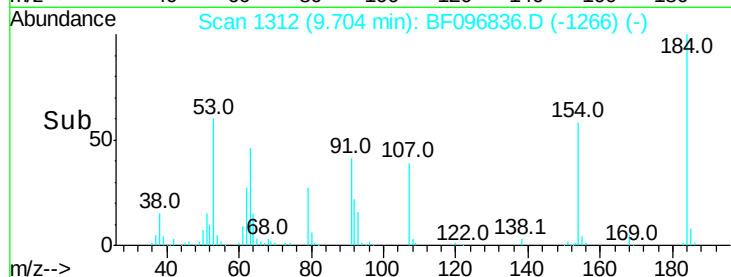
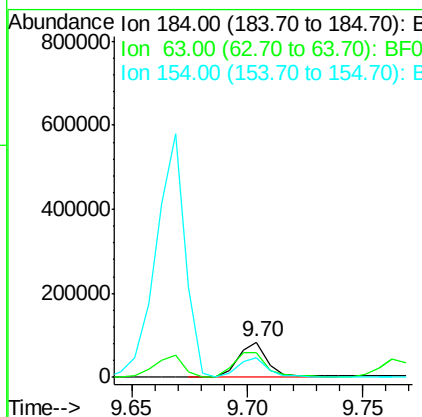
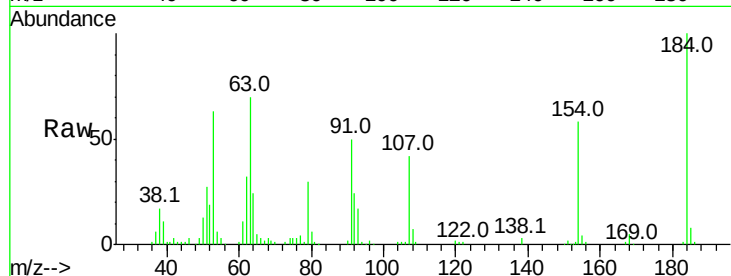
#53
2,4-Dinitrophenol
Concen: 42.293 ng
RT: 9.70 min Scan# 1312
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	76575		
63	70.3	62.7	94.1	
154	57.9	81.1	121.7#	

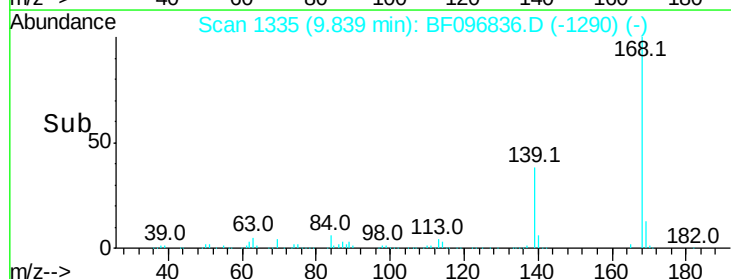
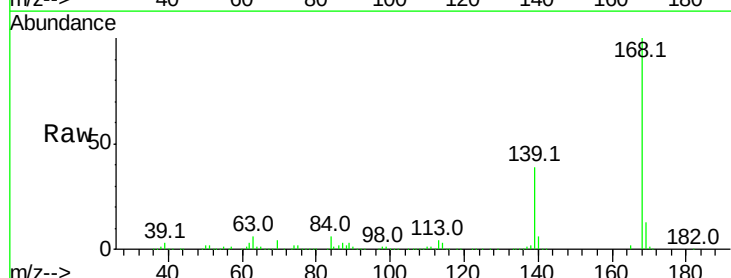
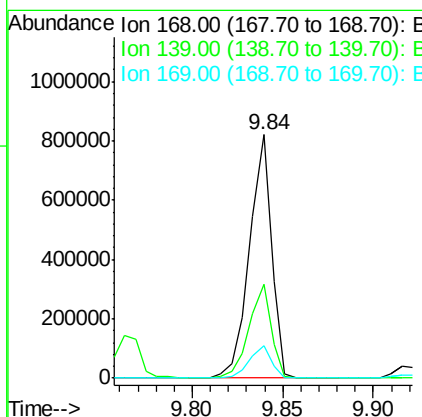
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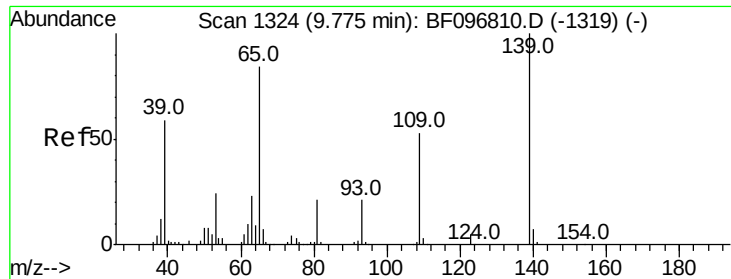
mohammad
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#54
Dibenzofuran
Concen: 34.433 ng
RT: 9.84 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	700555		
139	38.5	30.6	45.8	
169	13.4	10.8	16.2	





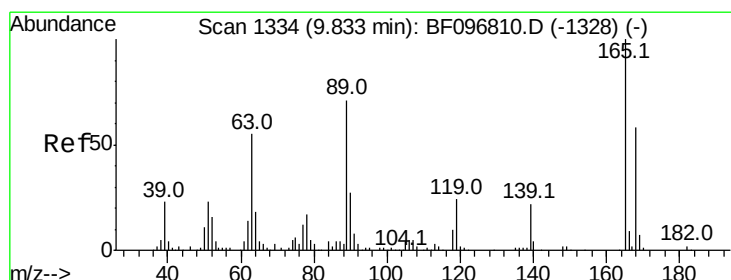
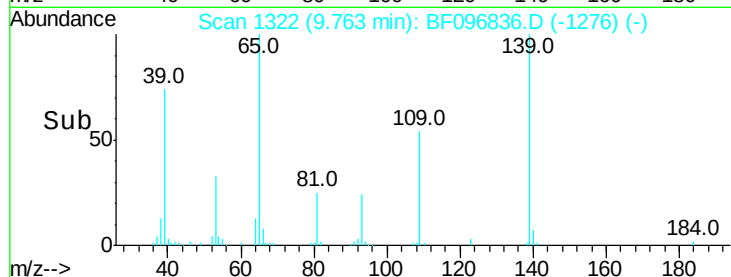
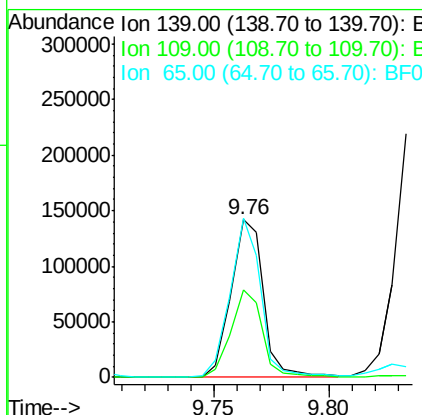
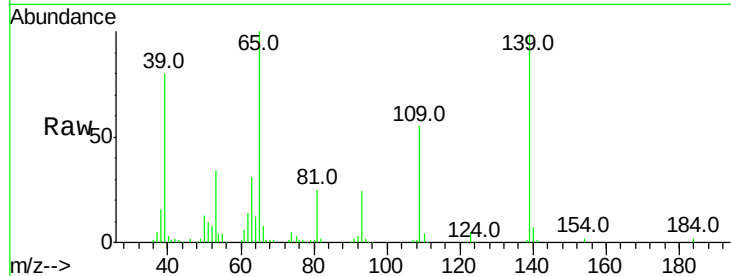
#55
4-Nitrophenol
Concen: 40.318 ng
RT: 9.76 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.8	34.1	74.1	
65	100.9	31.4	71.4	

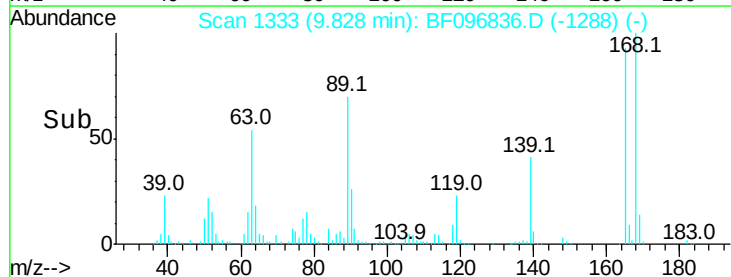
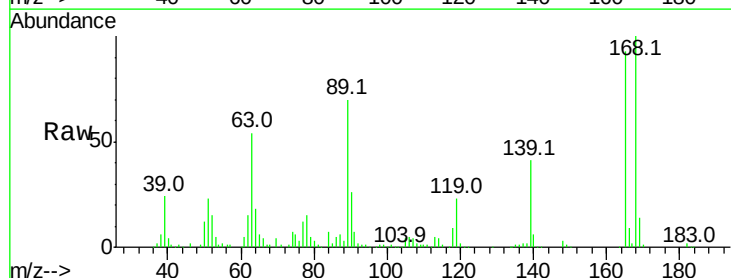
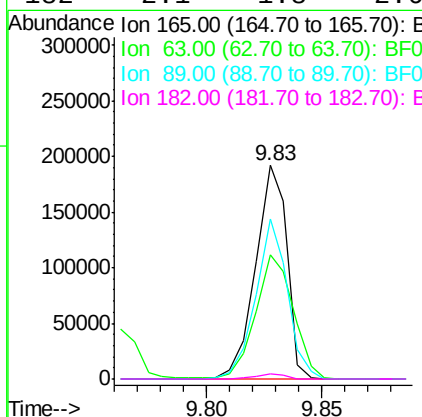
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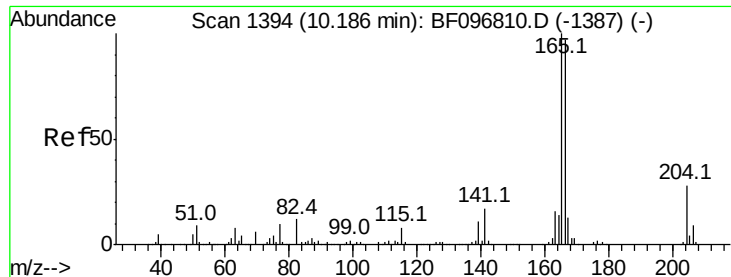
mohammad
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#56
2,4-Dinitrotoluene
Concen: 35.515 ng
RT: 9.83 min Scan# 1333
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.4	25.4	38.0	
89	74.8	46.4	69.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 35.761 ng

RT: 10.18 min Scan# 1393

Delta R.T. -0.03 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

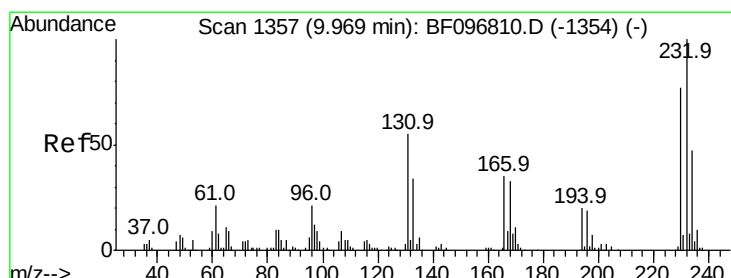
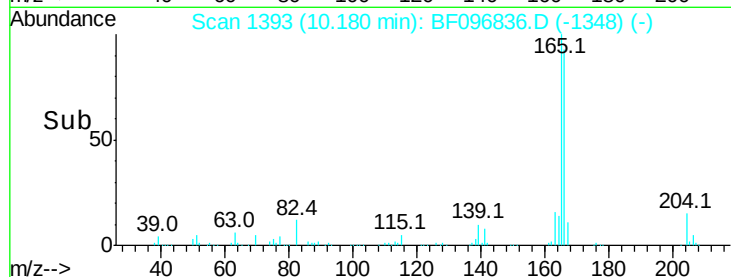
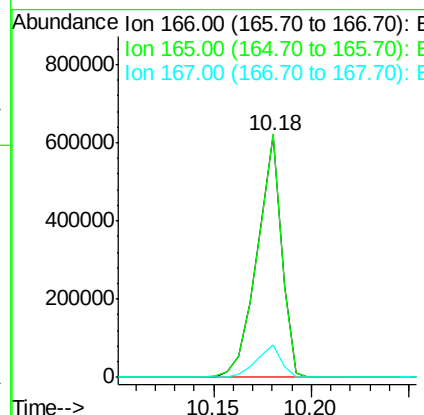
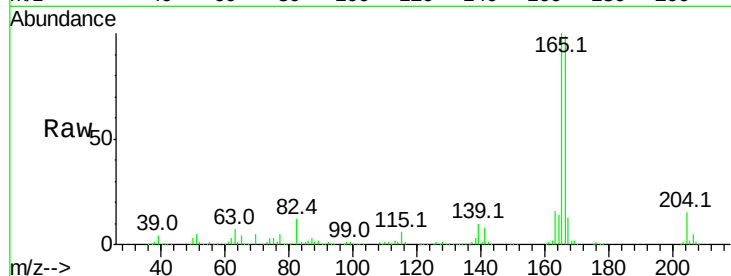
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	537635
Ion Ratio	Lower	Upper	
166	100		
165	100.7	78.8	118.2
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.702 ng

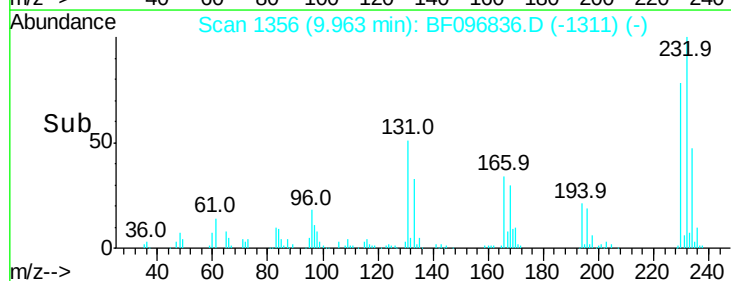
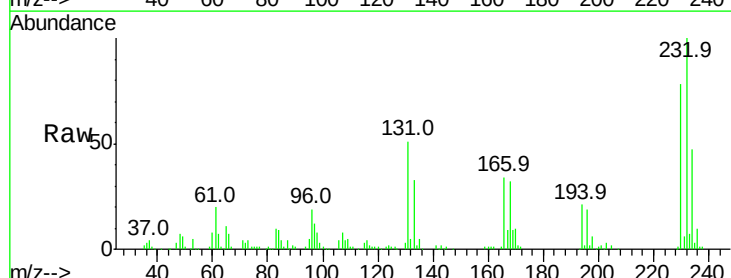
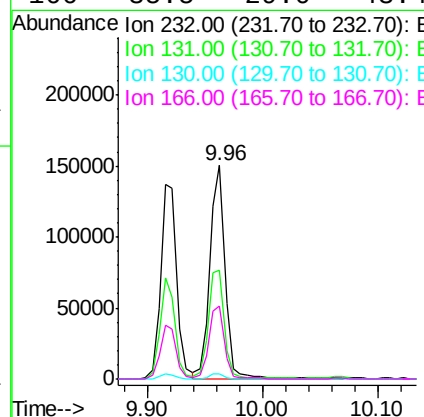
RT: 9.96 min Scan# 1356

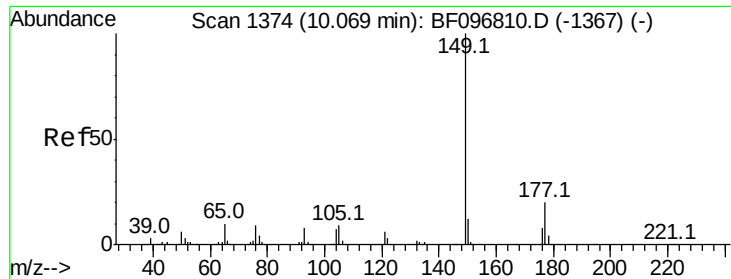
Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	232	Resp:	138650
Ion Ratio	Lower	Upper	
232	100		
131	54.7	44.8	67.2
130	2.5	2.3	3.5
166	35.5	29.0	43.4





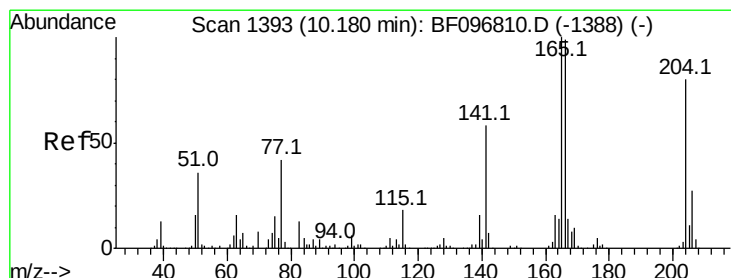
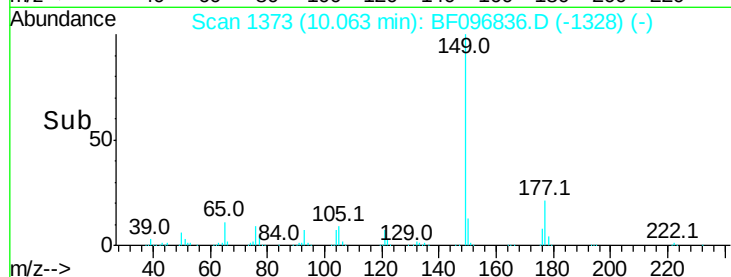
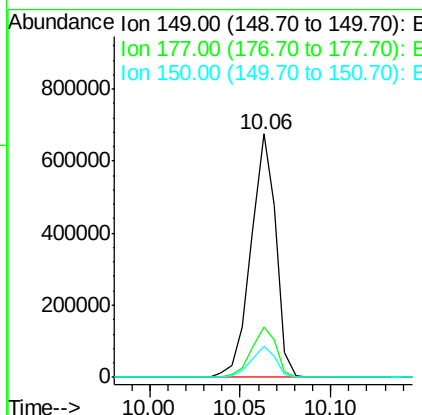
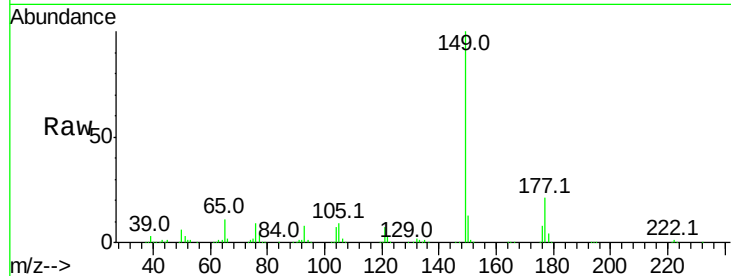
#59
Diethylphthalate
Concen: 35.848 ng
RT: 10.06 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	641796		
177	20.7	16.7	25.1	
150	12.7	10.2	15.2	

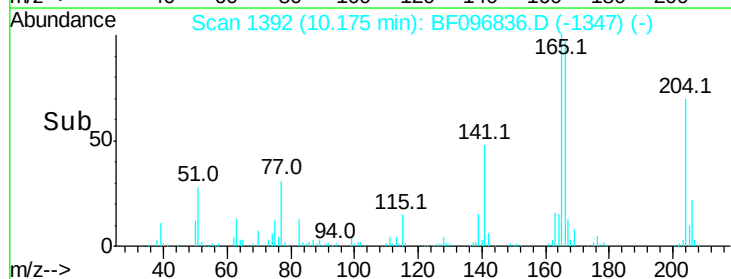
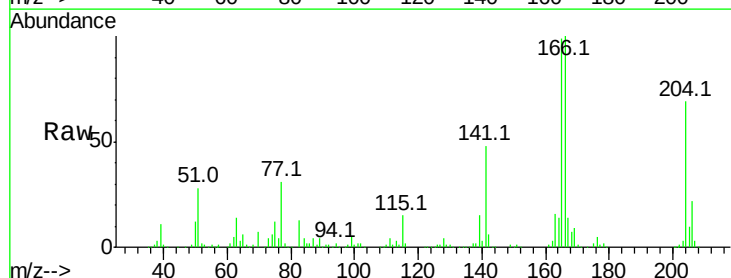
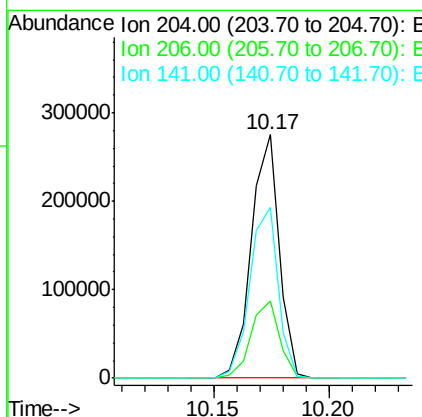
Manual Integrations
APPROVED

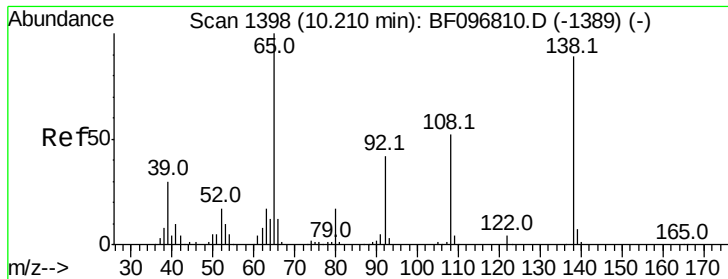
mohammad
7/19/2017 2:31:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.451 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	233676		
206	31.8	26.2	39.2	
141	69.9	60.8	91.2	





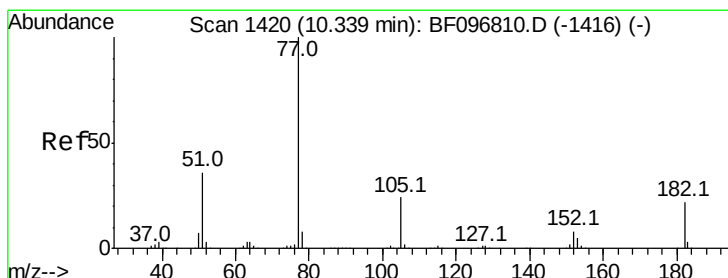
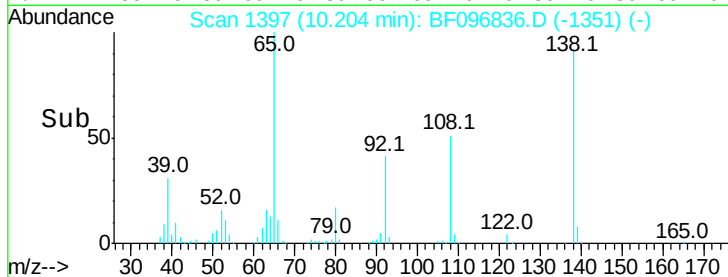
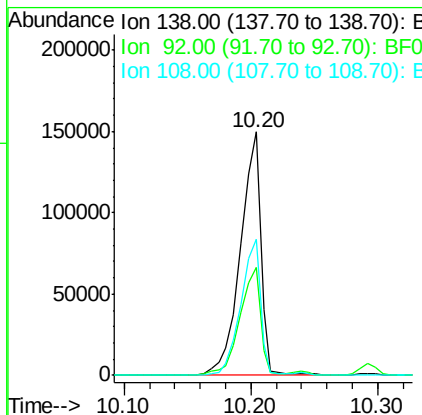
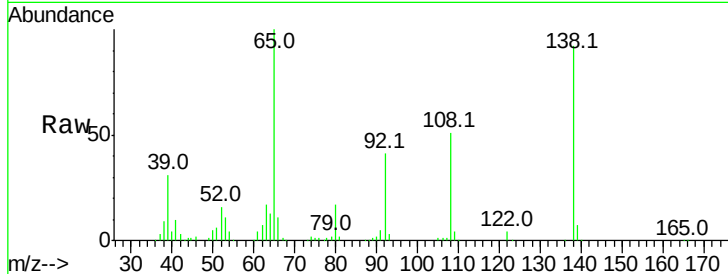
#61
4-Nitroaniline
Concen: 37.807 ng
RT: 10.20 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	167538		
92	44.4	21.8	61.8	
108	56.0	42.3	82.3	

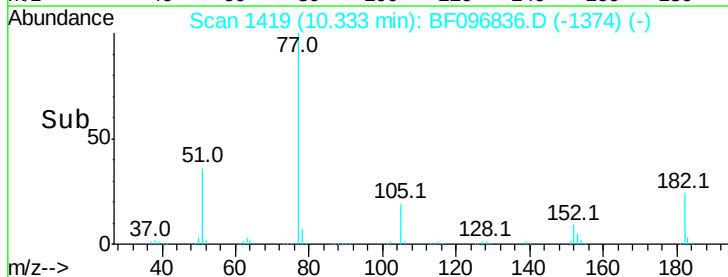
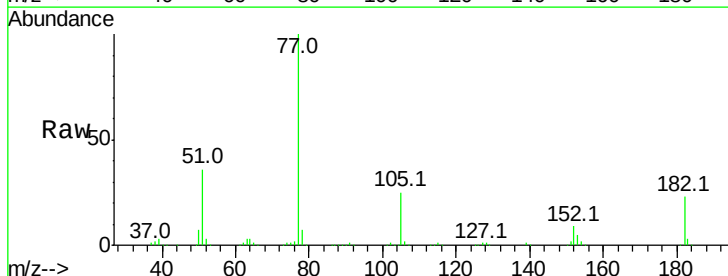
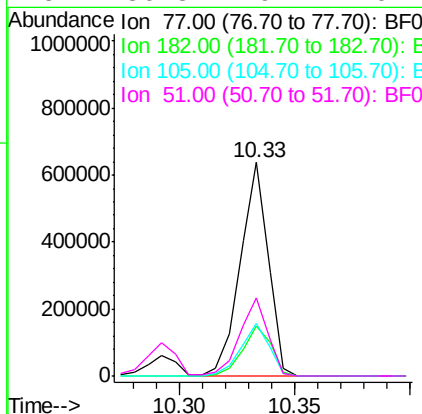
Manual Integrations
APPROVED

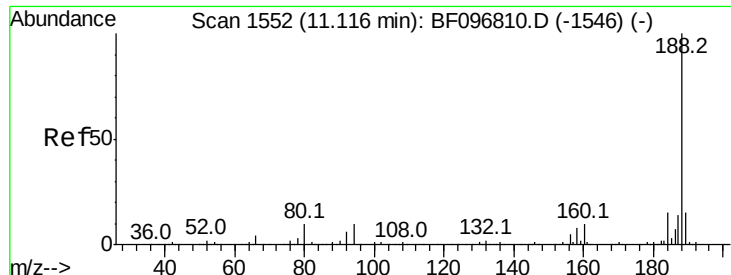
mohammad
7/19/2017 2:31:02 PM



#62
Azobenzene
Concen: 34.212 ng
RT: 10.33 min Scan# 1419
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	540359		
182	23.3	0.1	40.1	
105	24.7	3.6	43.6	
51	36.3	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

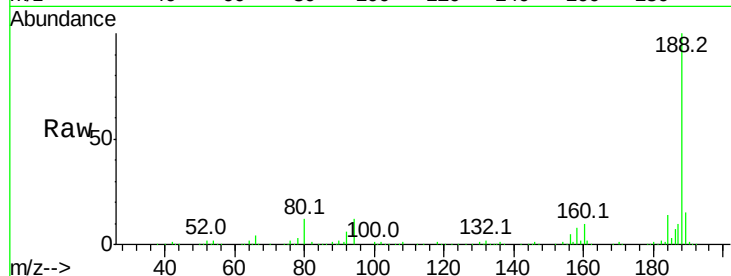
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	368621
Ion Ratio	Lower	Upper	
188	100		
94	12.1	9.4	14.2
80	12.2	10.2	15.2

Manual Integrations
APPROVED

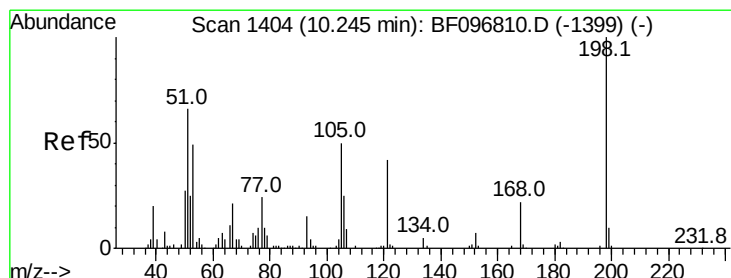
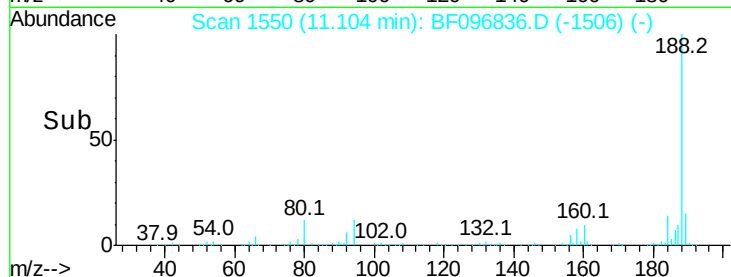
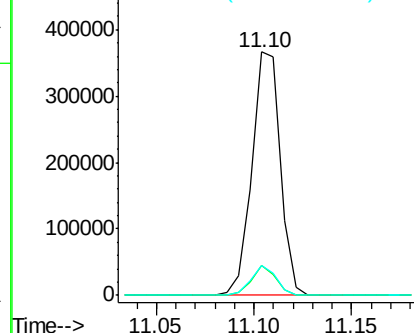
mohammad
7/19/2017 2:31:02 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.166 ng

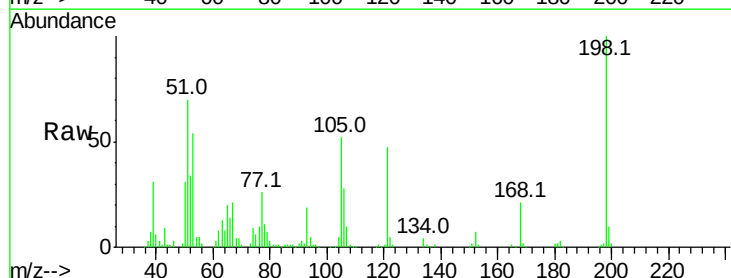
RT: 10.24 min Scan# 1403

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

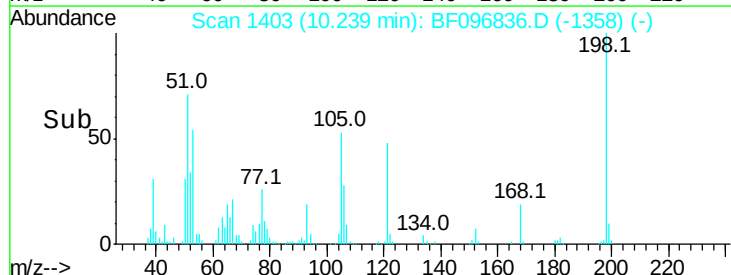
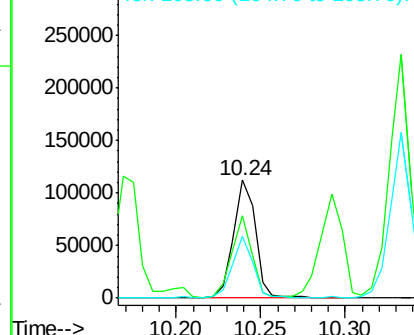
Tgt Ion:	198	Resp:	102219
Ion Ratio	Lower	Upper	
198	100		
51	70.3	53.2	93.2
105	52.2	45.8	85.8

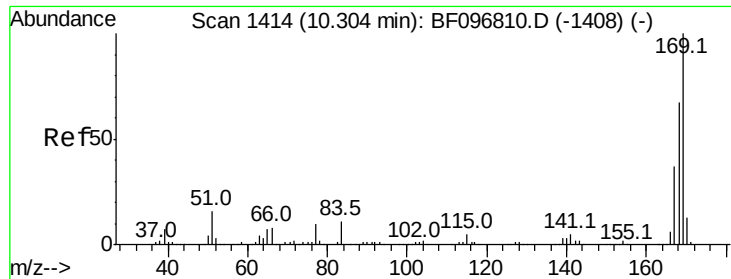


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





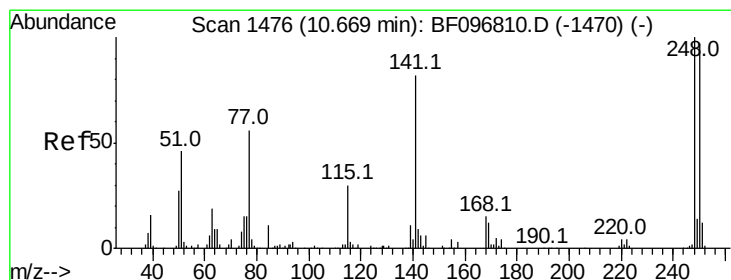
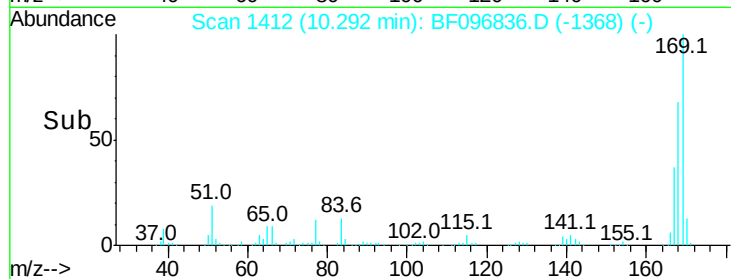
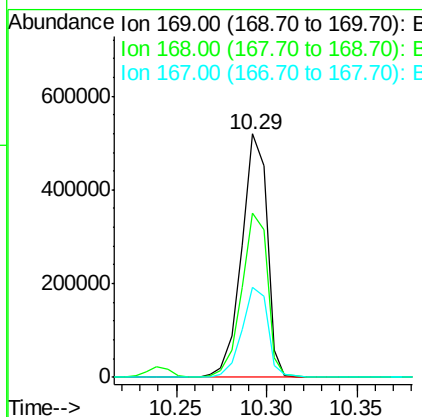
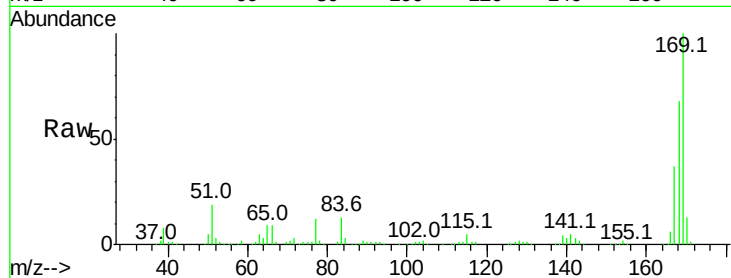
#65
 n-Nitrosodiphenylamine
 Concen: 38.382 ng
 RT: 10.29 min Scan# 1412
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	37.2	29.5	44.3

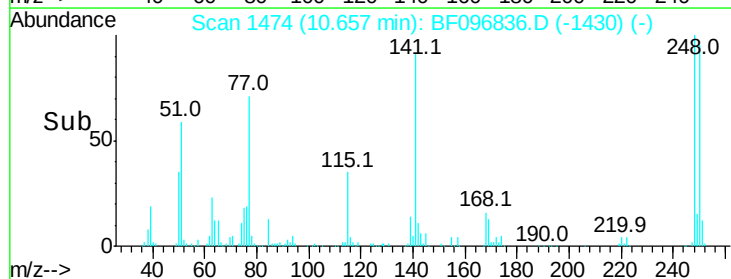
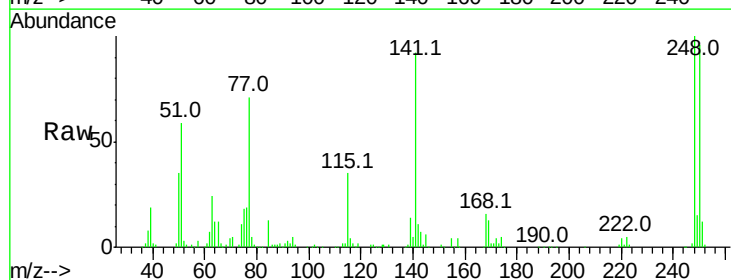
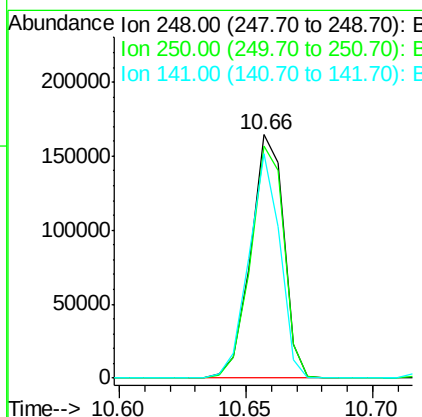
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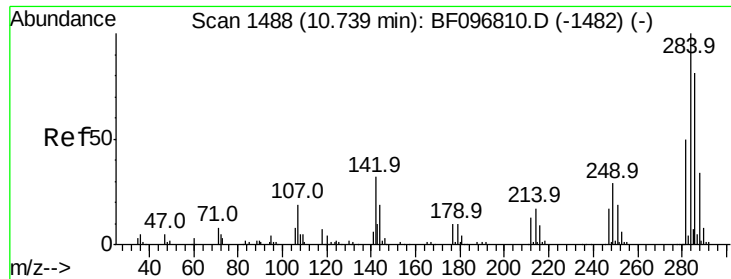
mohammad
 7/19/2017 2:31:02 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.867 ng
 RT: 10.66 min Scan# 1474
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.8	115.2
141	92.3	68.6	103.0





#67

Hexachlorobenzene

Concen: 39.113 ng

RT: 10.73 min Scan# 1486

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

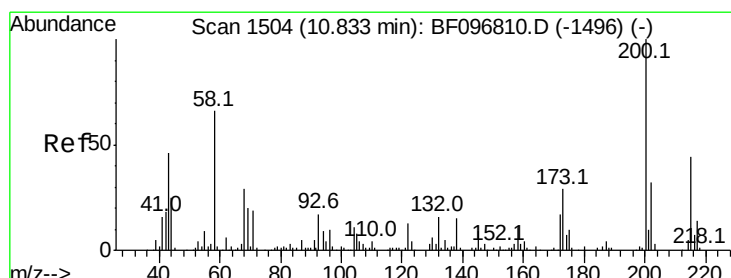
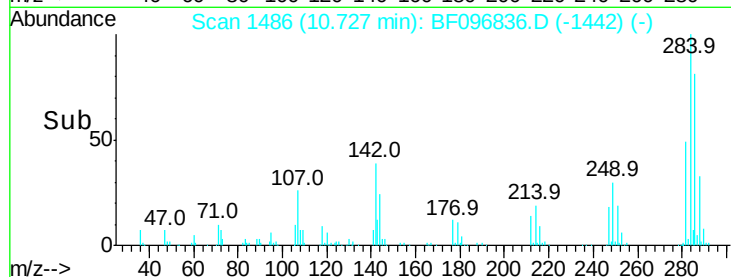
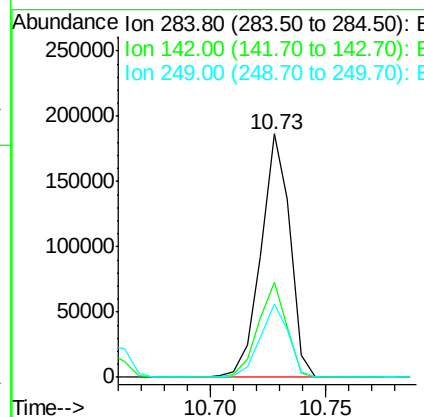
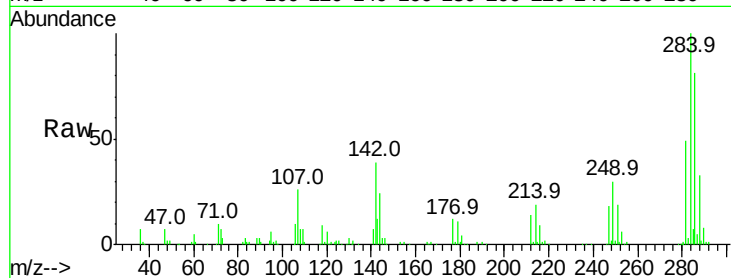
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	163949
Ion Ratio	Lower	Upper	
284	100		
142	39.2	22.8	34.2#
249	30.4	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 39.990 ng

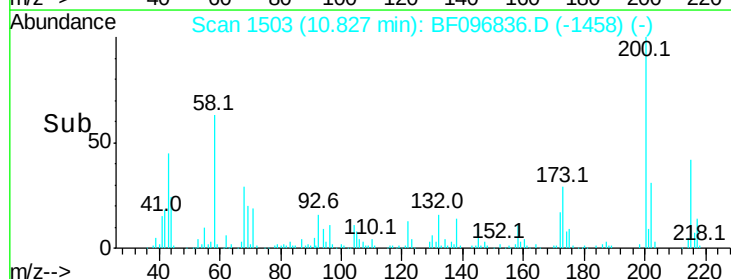
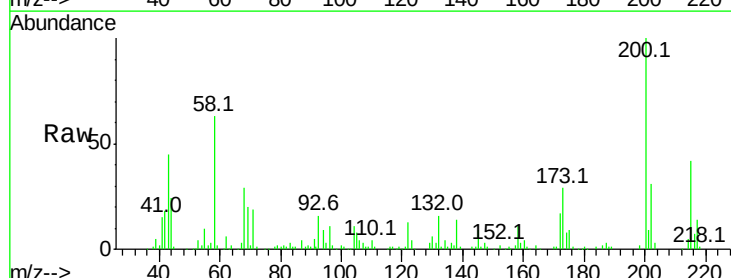
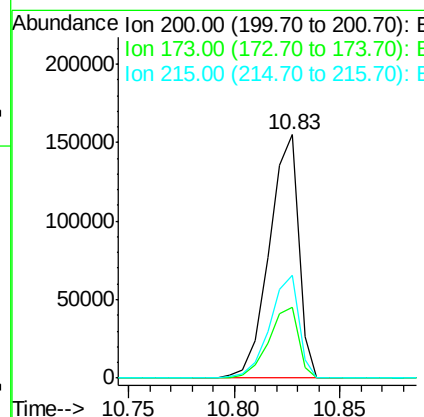
RT: 10.83 min Scan# 1503

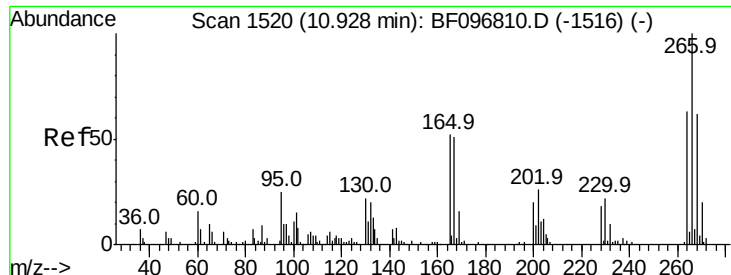
Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	200	Resp:	150124
Ion Ratio	Lower	Upper	
200	100		
173	29.0	6.3	46.3
215	42.5	27.2	67.2





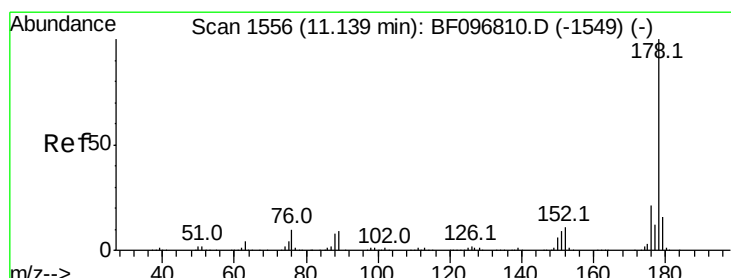
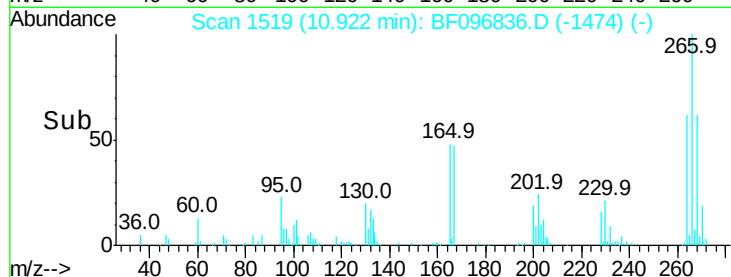
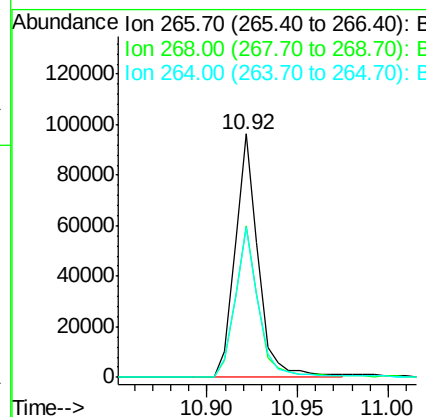
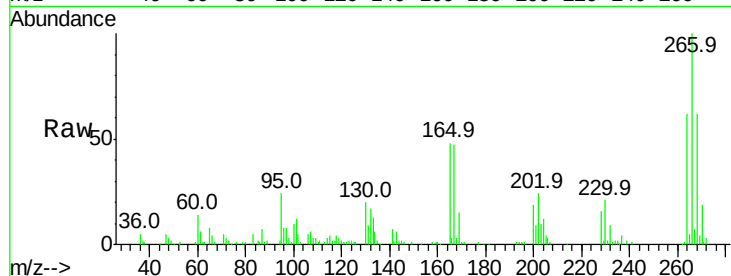
#69
 Pentachlorophenol
 Concen: 42.326 ng
 RT: 10.92 min Scan# 1519
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	85707		
268	62.1		51.1	76.7
264	61.6		51.7	77.5

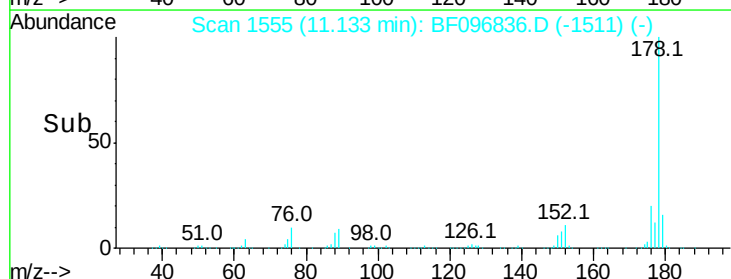
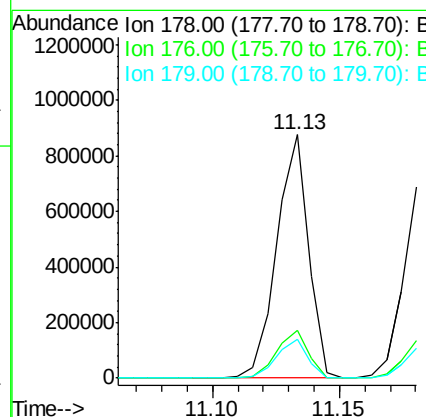
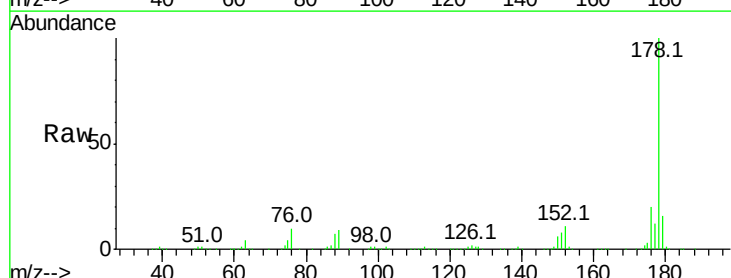
Manual Integrations
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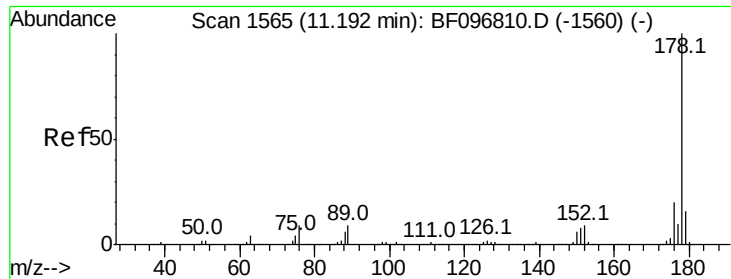
mohammad
 7/19/2017 2:31:02 PM



#70
 Phenanthrene
 Concen: 38.376 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	769182		
176	19.6		16.2	24.4
179	16.0		12.6	19.0





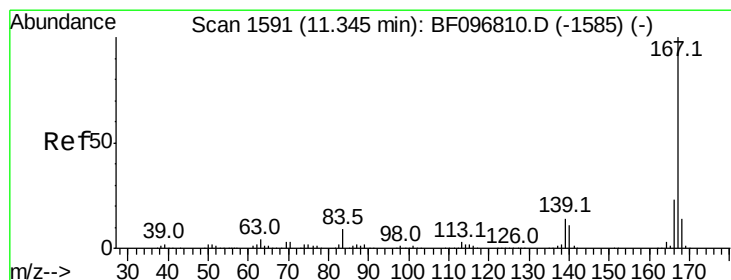
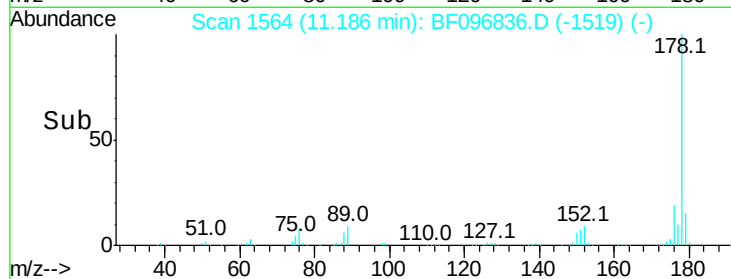
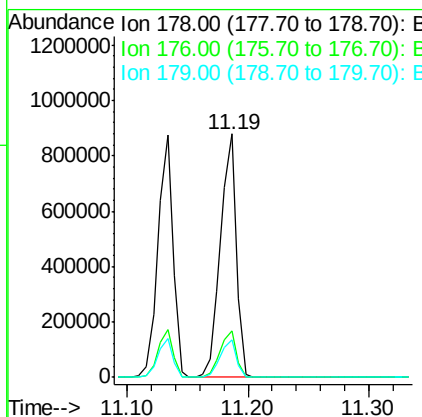
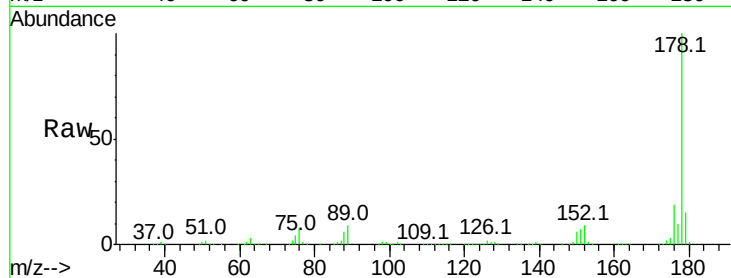
#71
 Anthracene
 Concen: 39.401 ng
 RT: 11.19 min Scan# 1564
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	12.7	19.1

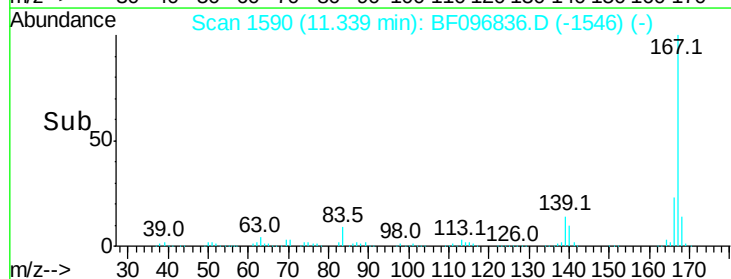
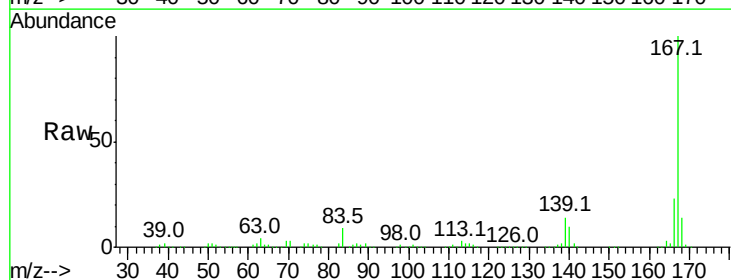
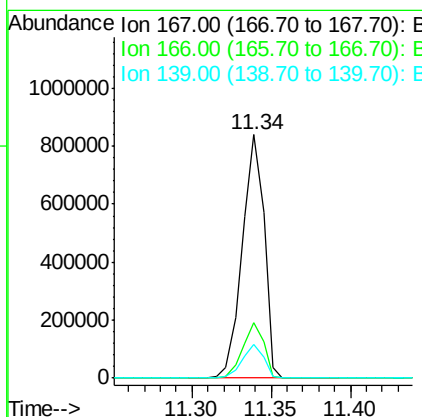
Manual Integrations
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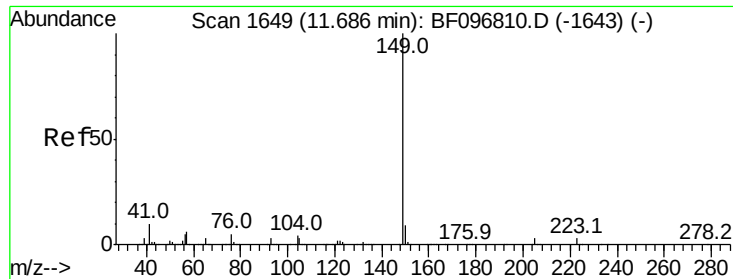
mohammad
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#72
 Carbazole
 Concen: 40.651 ng
 RT: 11.34 min Scan# 1590
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.253 ng

RT: 11.68 min Scan# 1648

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

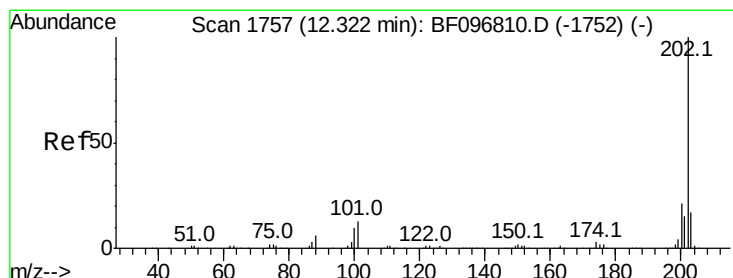
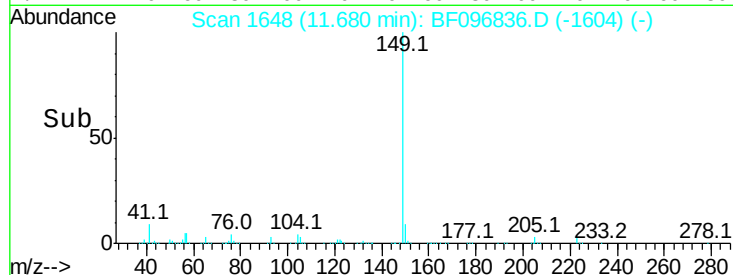
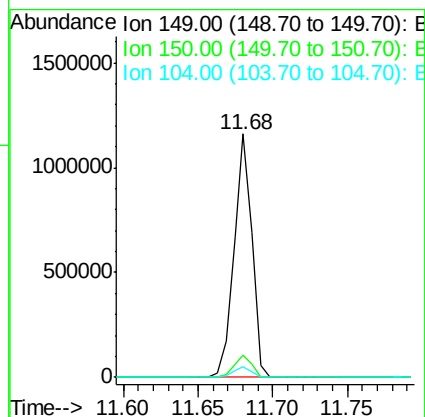
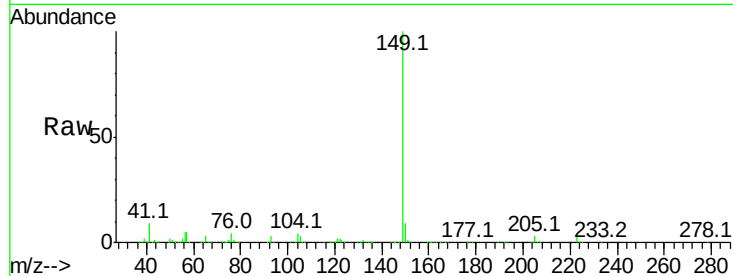
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	983793
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.991 ng

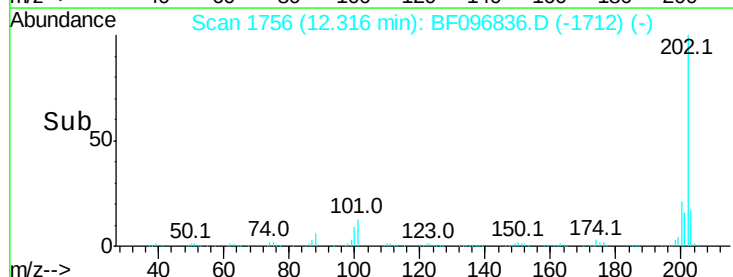
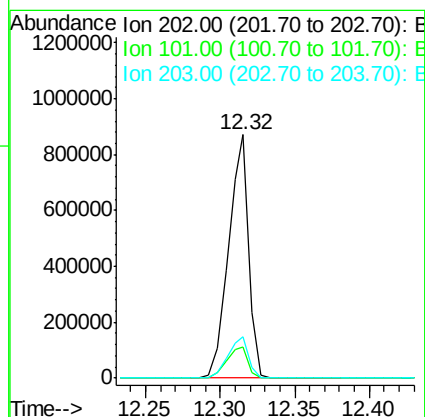
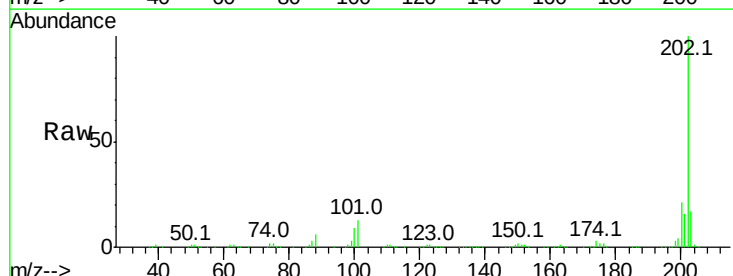
RT: 12.32 min Scan# 1756

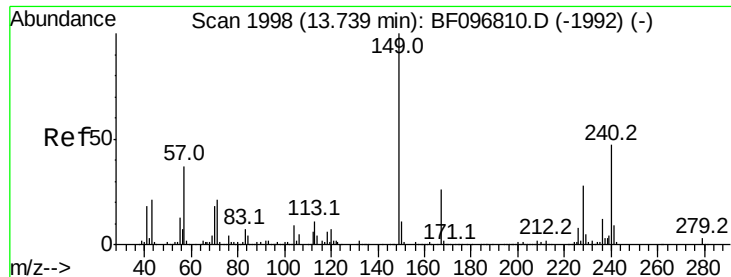
Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Tgt Ion:	202	Resp:	824779
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.2
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 258116

Ion Ratio Lower Upper

240 100

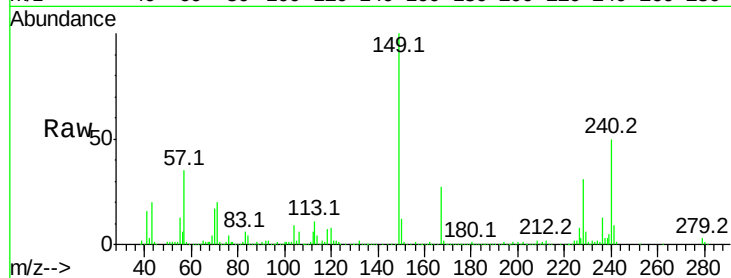
120 16.7 5.8 8.8#

236 25.8 20.5 30.7

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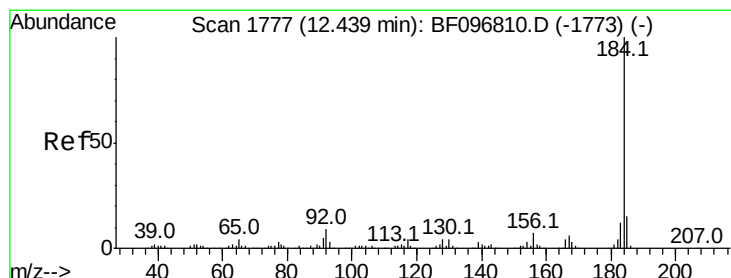
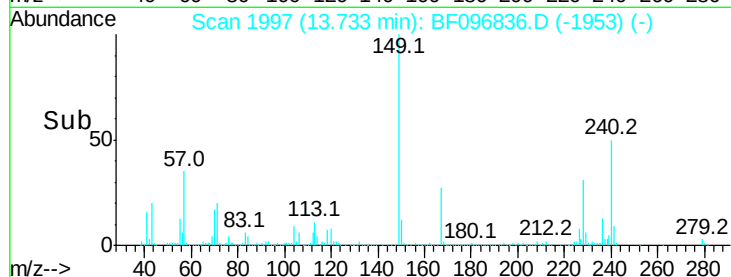
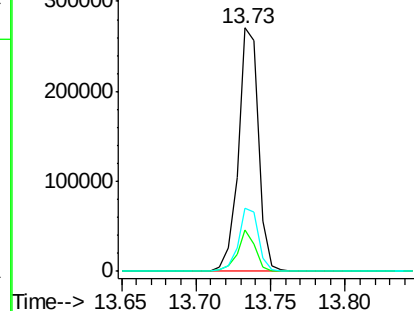
7/19/2017 2:31:02 PM



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: 50.695 ng

RT: 12.43 min Scan# 1776

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

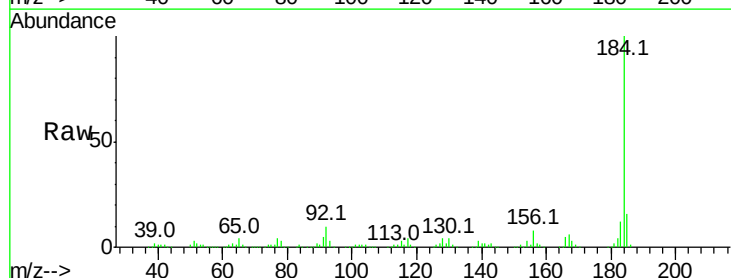
Tgt Ion:184 Resp: 428673

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

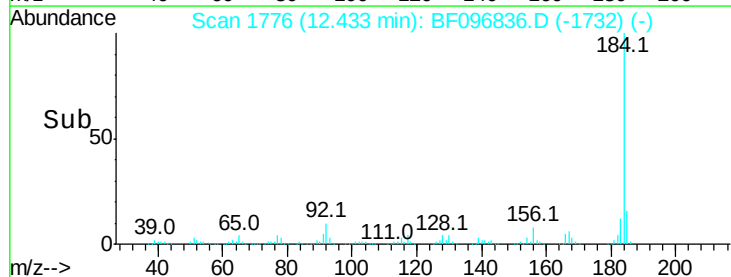
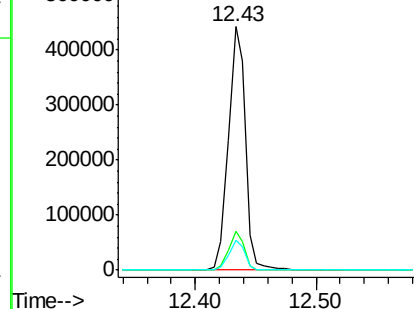
183 12.4 9.8 14.6

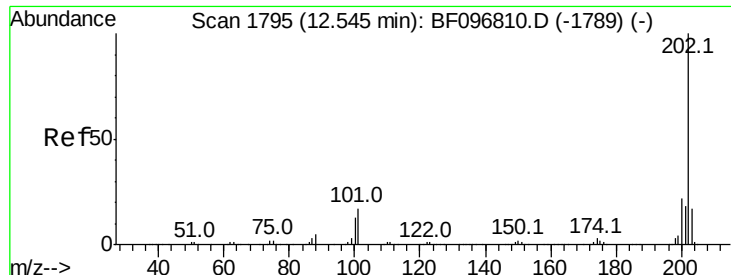


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





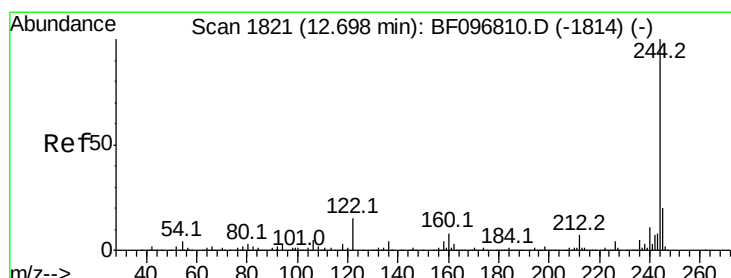
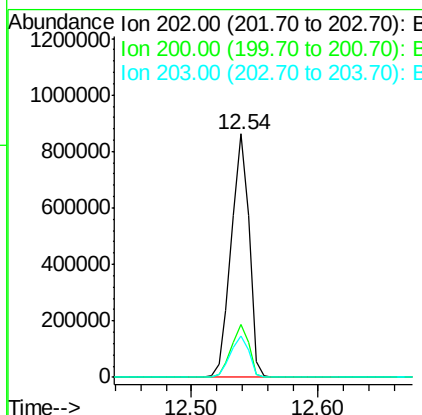
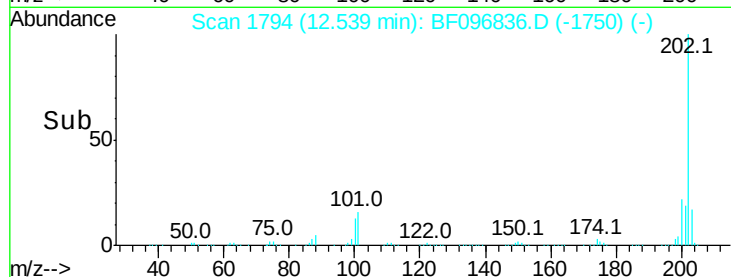
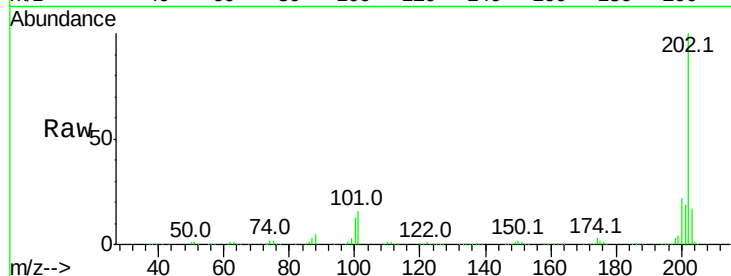
#77
Pvrene
Concen: 35.623 ng
RT: 12.54 min Scan# 1794
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	834483		
200	21.9		17.6	26.4
203	17.1		14.4	21.6

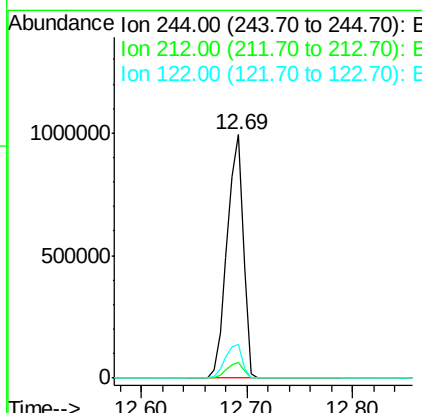
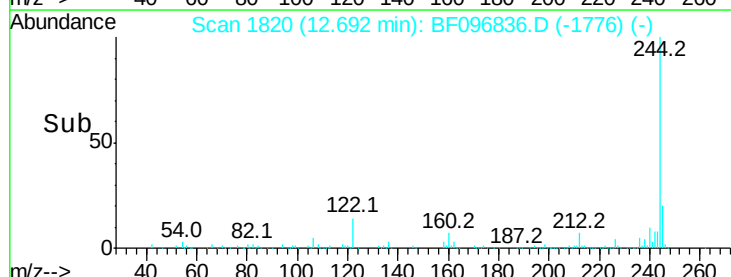
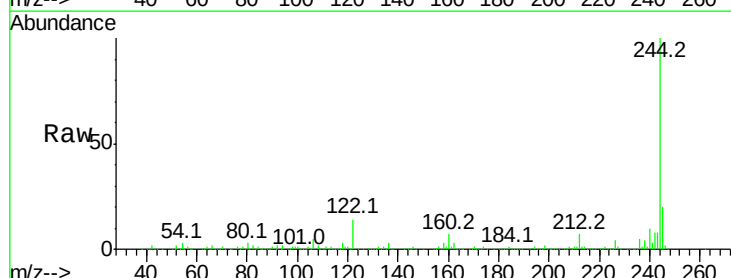
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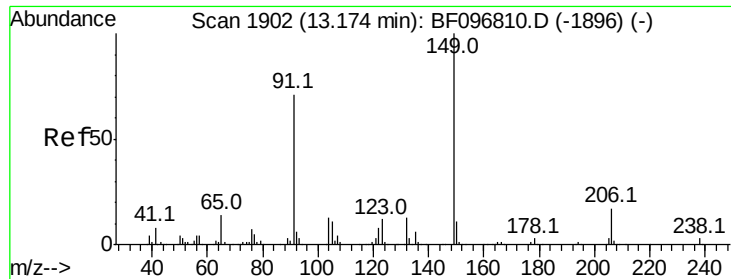
mohammad
7/19/2017 2:31:02 PM



#78
Terphenyl-d14
Concen: 71.039 ng
RT: 12.69 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1057292		
212	6.6		6.0	9.0
122	13.9		10.3	15.5





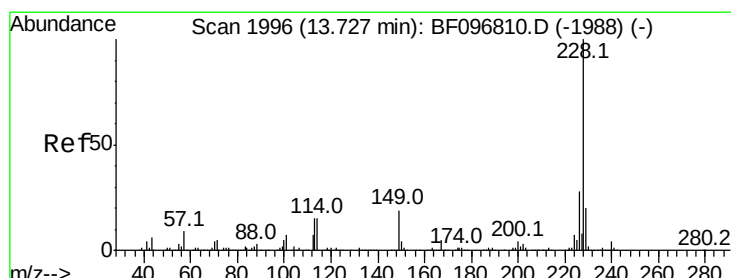
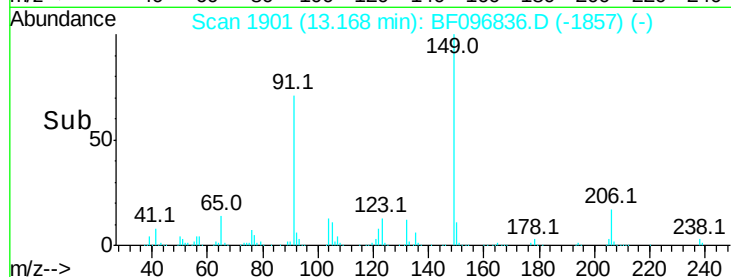
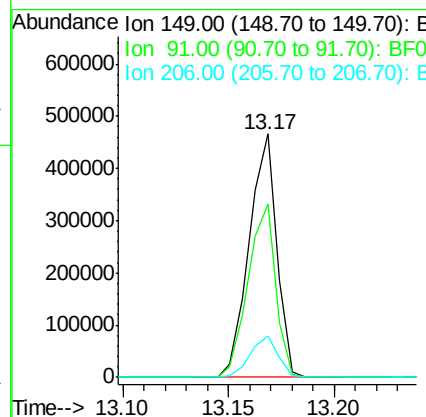
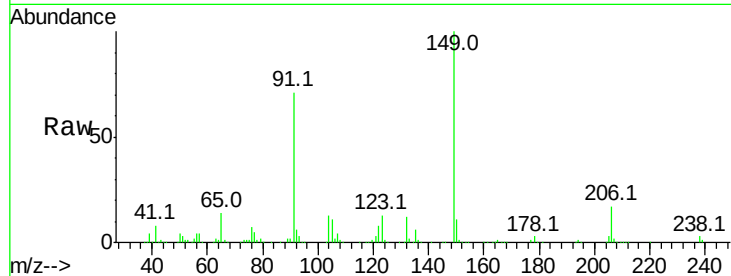
#79
Butylbenzylphthalate
Concen: 37.982 ng
RT: 13.17 min Scan# 1901
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	45.0	67.4#
206	17.3	17.0	25.6

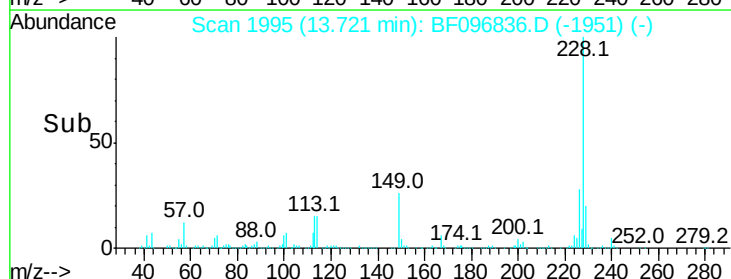
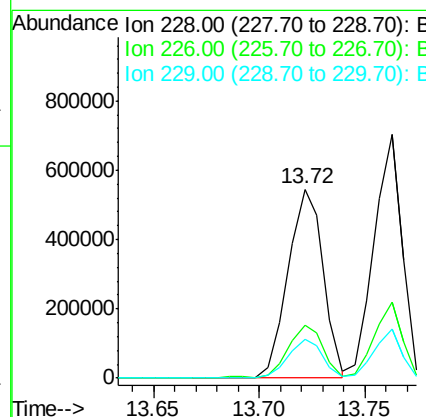
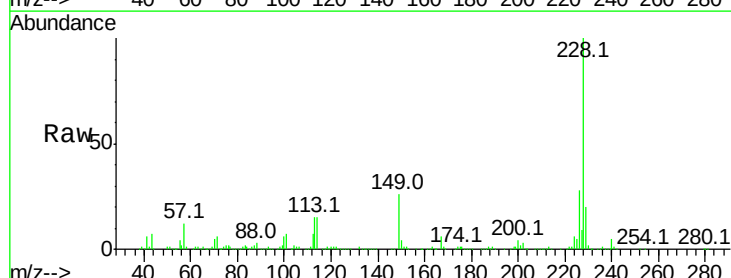
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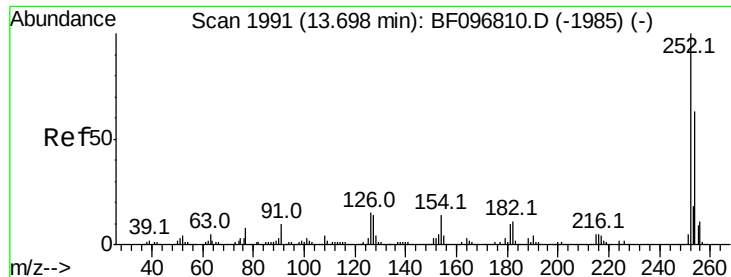
mohammad
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#80
Benzo(a)anthracene
Concen: 39.238 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.3	16.3	24.5





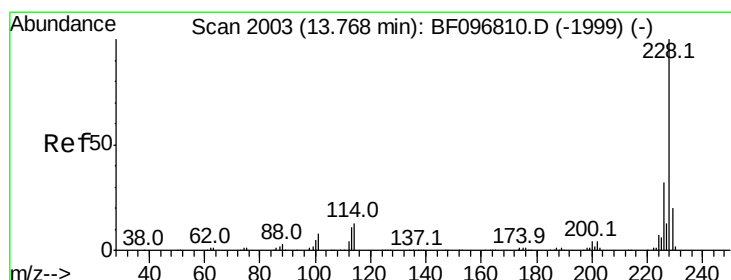
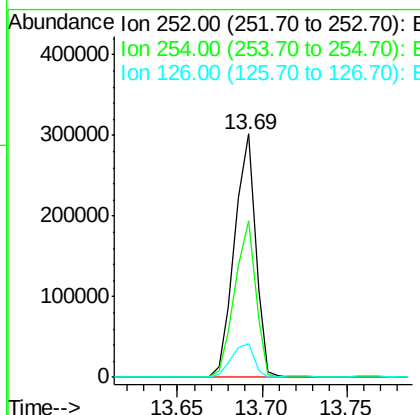
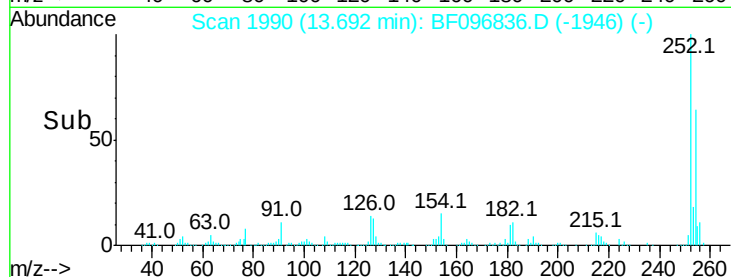
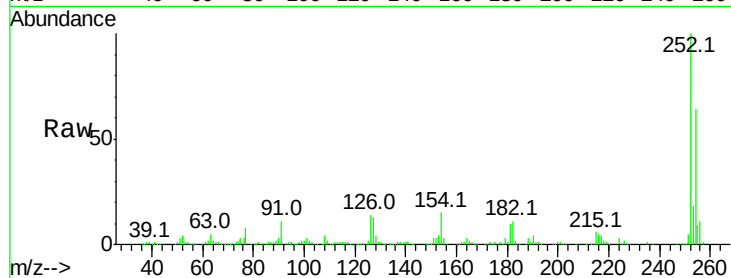
#81
 3,3'-Dichlorobenzidine
 Concen: 45.469 ng
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.5	77.3
126	13.8	15.8	23.8

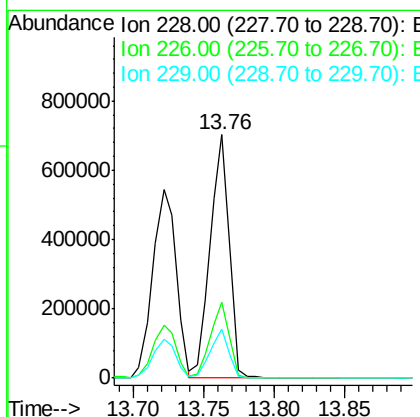
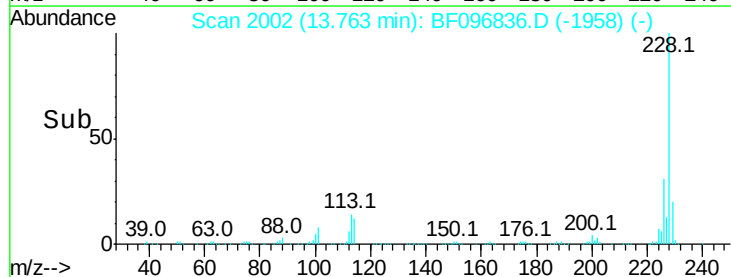
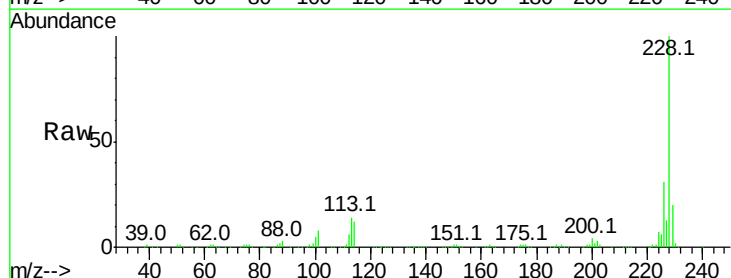
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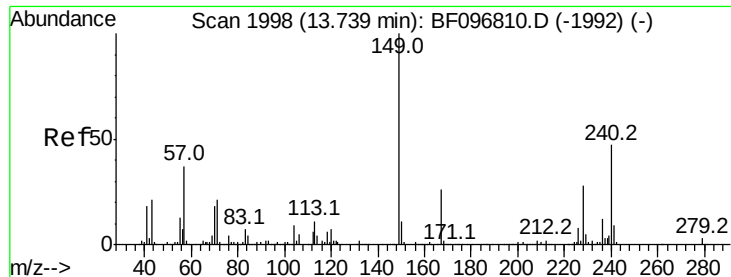
mohammad
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#82
 Chrysene
 Concen: 41.497 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.04 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.523 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096836.D

Acq: 18 Jul 2017 9:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 508600
Ion Ratio Lower Upper

149 100

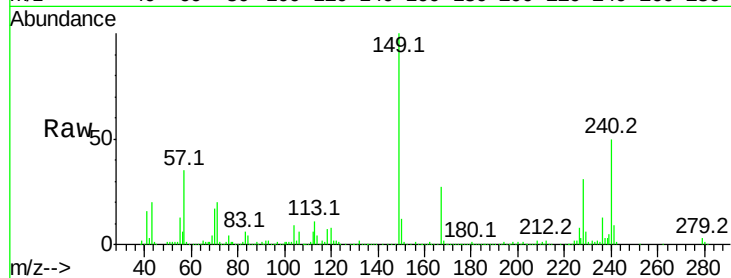
167 26.6 21.0 31.4

279 2.9 1.9 2.9#

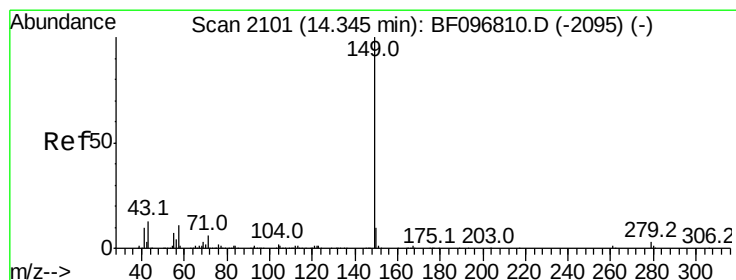
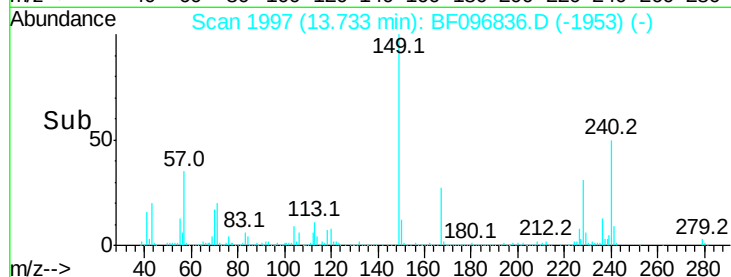
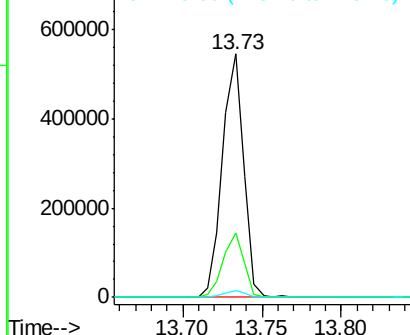
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.065 ng

RT: 14.34 min Scan# 2100

Delta R.T. -0.05 min

Lab File: BF096836.D

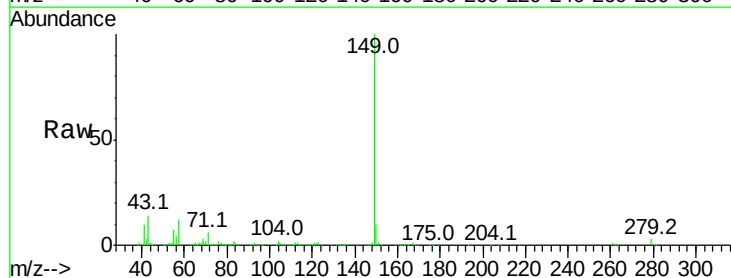
Acq: 18 Jul 2017 9:42

Tgt Ion:149 Resp: 1054528
Ion Ratio Lower Upper

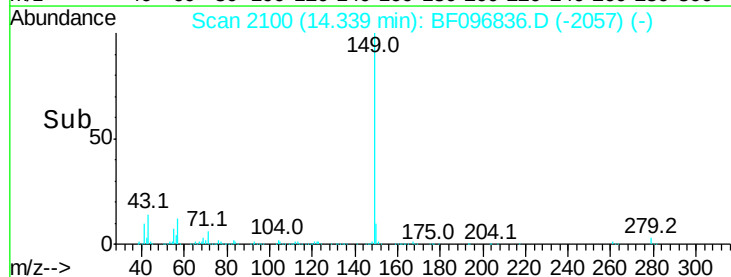
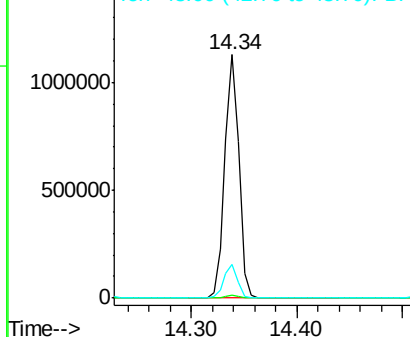
149 100

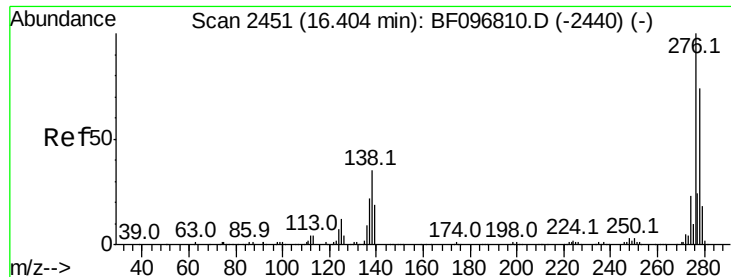
167 1.4 1.2 1.8

43 13.0 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





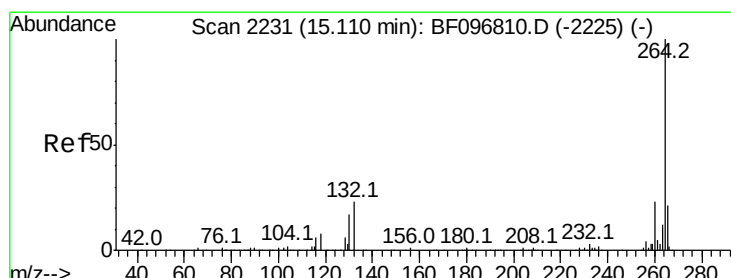
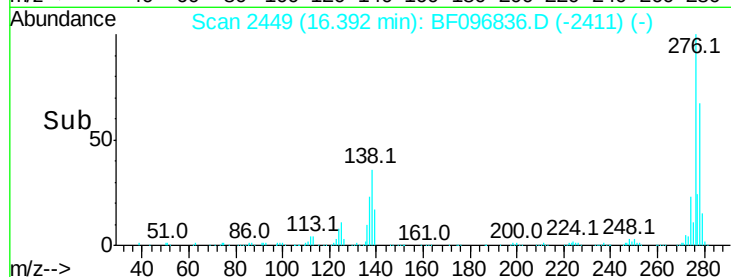
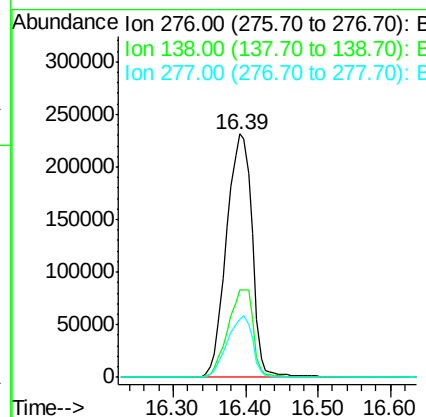
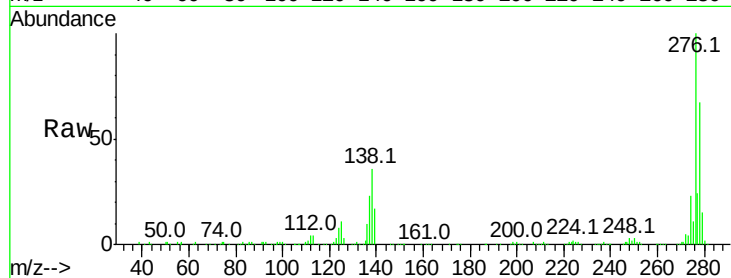
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.823 ng
 RT: 16.39 min Scan# 2449
 Delta R.T. -0.08 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	570253		
138	35.7		27.8	41.6
277	24.8		20.2	30.4

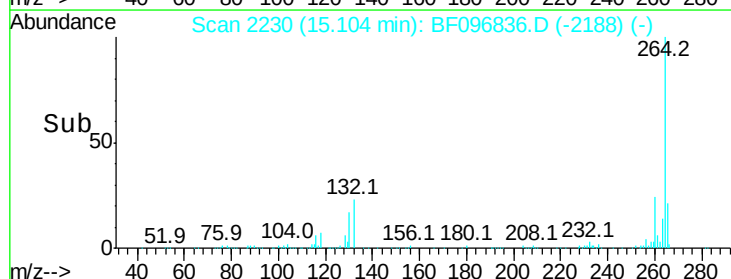
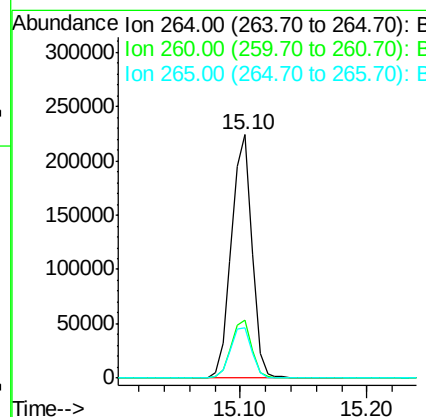
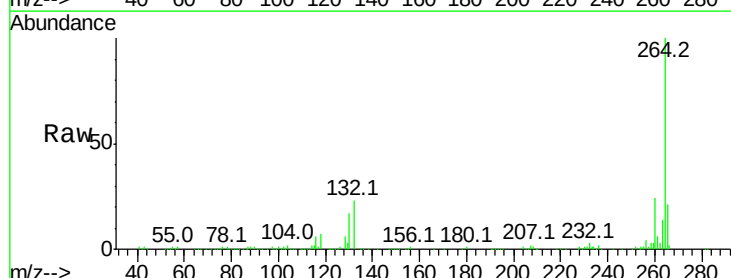
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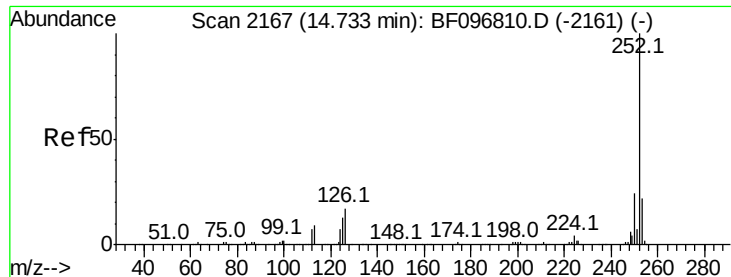
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2230
 Delta R.T. -0.05 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	251201		
260	23.6		19.5	29.3
265	20.6		17.2	25.8





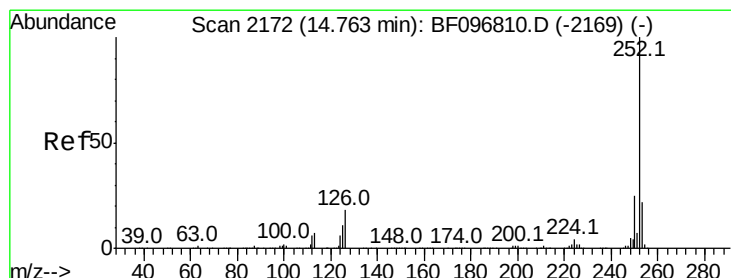
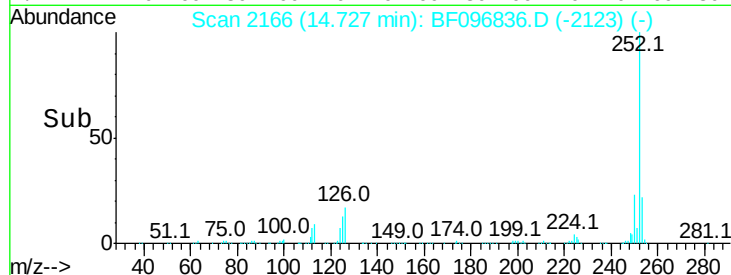
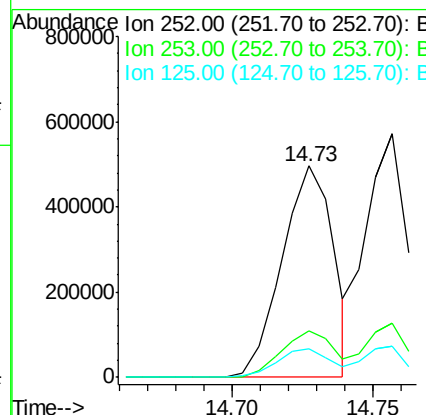
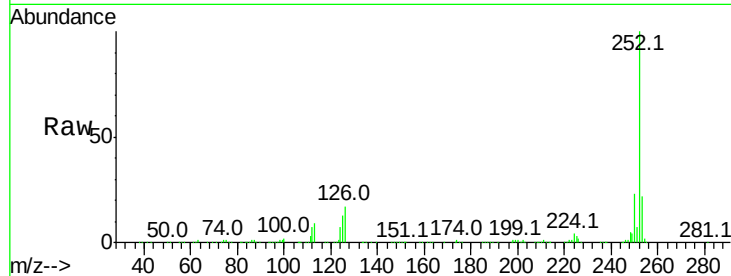
#87
Benzo(b)fluoranthene
Concen: 41.519 ng
RT: 14.73 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.2	9.8	14.8

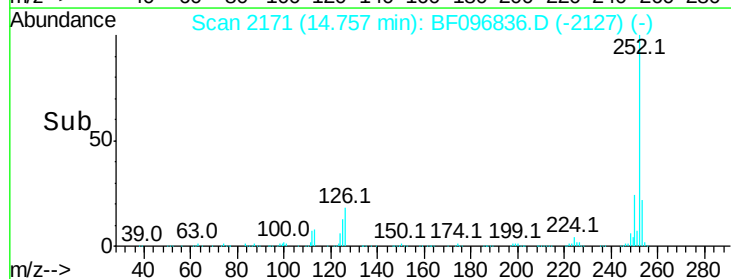
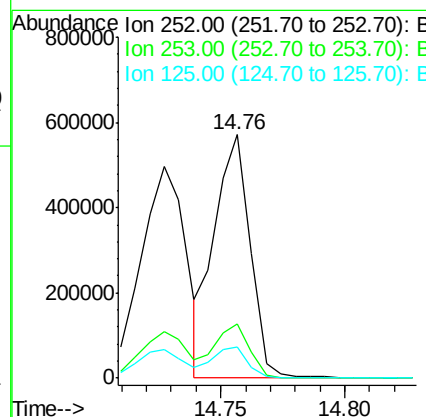
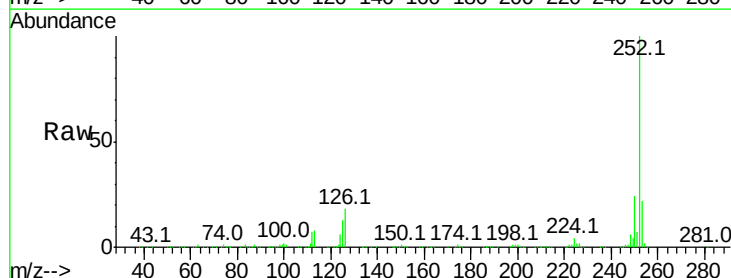
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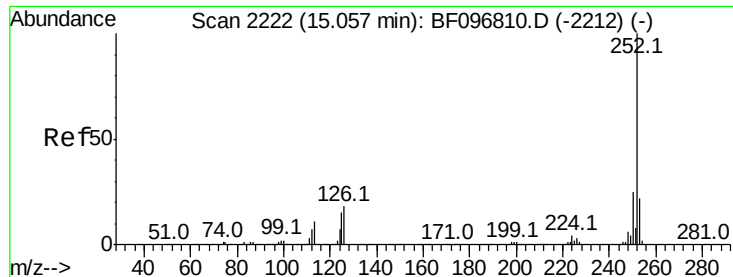
mohammad
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#88
Benzo(k)fluoranthene
Concen: 40.428 ng m
RT: 14.76 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	12.9	13.1	19.7#





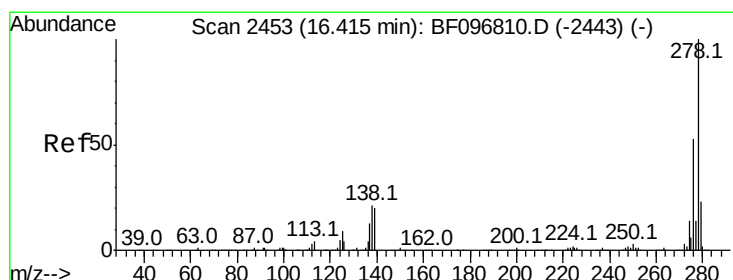
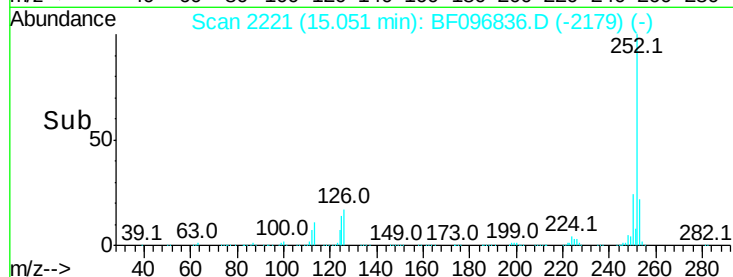
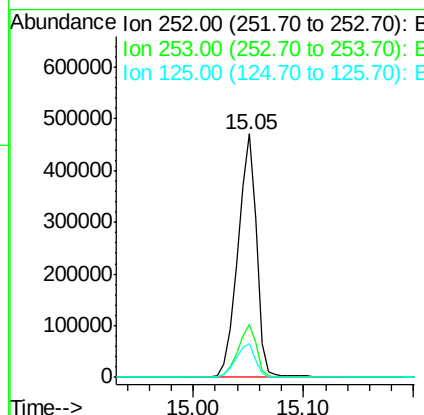
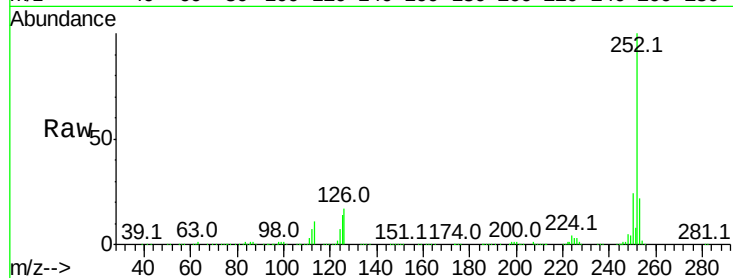
#89
Benzo(a)pyrene
Concen: 40.368 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.9	11.0	16.4

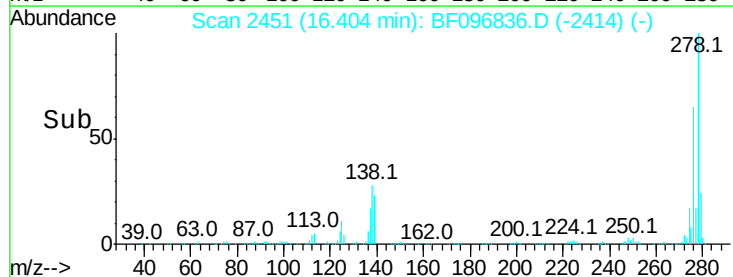
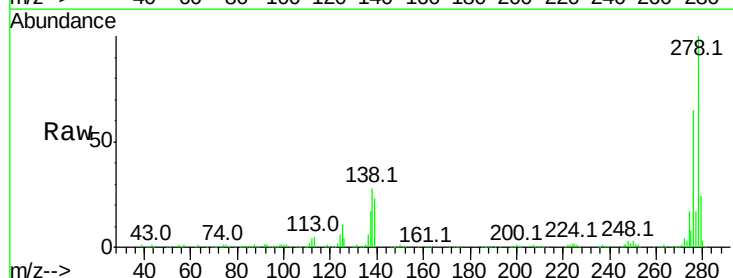
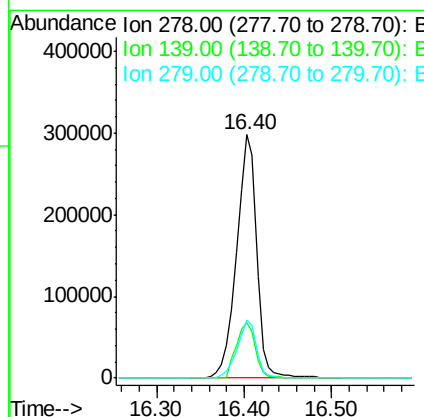
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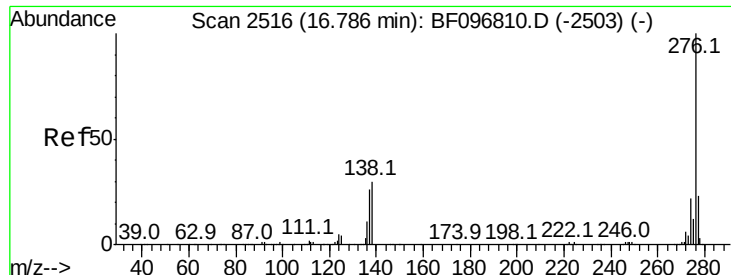
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 36.213 ng
RT: 16.40 min Scan# 2451
Delta R.T. -0.08 min
Lab File: BF096836.D
Acq: 18 Jul 2017 9:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	24.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 31.990 ng
 RT: 16.78 min Scan# 2515
 Delta R.T. -0.08 min
 Lab File: BF096836.D
 Acq: 18 Jul 2017 9:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	29.8	25.4	38.0

Manual Integrations
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