

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094118.D
 Acq On : 3 Apr 2017 13:56
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:33:51 PM

Quant Time: Apr 04 01:22:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	216688	20.00	ng	-0.01
21) Naphthalene-d8	7.40	136	887001	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	417437	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	744337	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	600618	20.00	ng	0.00
86) Perylene-d12	16.24	264	515307	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	988412	77.04	ng	-0.01
7) Phenol-d6	5.50	99	1215243	76.57	ng	0.00
23) Nitrobenzene-d5	6.55	82	1246734	80.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	281497	85.34	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	2137127	78.09	ng	-0.01
78) Terphenyl-d14	13.34	244	2129215	79.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	234970	38.12	ng	97
3) Pyridine	2.73	79	656618	39.09	ng	99
4) n-Nitrosodimethylamine	2.70	42	265018	38.34	ng	90
6) Aniline	5.52	93	777932	35.24	ng	# 45
8) 2-Chlorophenol	5.66	128	562520	39.89	ng	96
9) Benzaldehyde	5.39	77	370407	34.56	ng	99
10) Phenol	5.52	94	678714	37.58	ng	# 69
11) bis(2-Chloroethyl)ether	5.60	93	564755	40.01	ng	99
12) 1,3-Dichlorobenzene	5.83	146	632112	39.96	ng	99
13) 1,4-Dichlorobenzene	5.91	146	642345	40.09	ng	96
14) 1,2-Dichlorobenzene	6.09	146	587825	39.84	ng	98
15) Benzyl Alcohol	6.06	79	438032	37.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.22	45	795744	36.59	ng	82
17) 2-Methylphenol	6.20	107	475136	39.34	ng	96
18) Hexachloroethane	6.48	117	230427	40.92	ng	# 86
19) n-Nitroso-di-n-propylamine	6.38	70	397101	38.93	ng	97
20) 3+4-Methylphenols	6.39	107	603525	41.26	ng	# 63
22) Acetophenone	6.37	105	817042	41.33	ng	# 87
24) Nitrobenzene	6.57	77	608105	39.67	ng	93
25) Isophorone	6.86	82	1084769	39.72	ng	95
26) 2-Nitrophenol	6.94	139	321522	43.98	ng	96
27) 2,4-Dimethylphenol	7.01	122	501355	39.80	ng	98
28) bis(2-Chloroethoxy)methane	7.12	93	718685	39.90	ng	99
29) 2,4-Dichlorophenol	7.24	162	486508	41.31	ng	99
30) 1,2,4-Trichlorobenzene	7.33	180	490678	40.45	ng	99
31) Naphthalene	7.42	128	1680471	39.40	ng	100
32) Benzoic acid	7.18	122	271745	32.41	ng	98
33) 4-Chloroaniline	7.49	127	686325	39.70	ng	94
34) Hexachlorobutadiene	7.58	225	255285	41.04	ng	99
35) Caprolactam	7.95	113	160287m	42.68	ng	
36) 4-Chloro-3-methylphenol	8.11	107	513144	41.70	ng	88
37) 2-Methylnaphthalene	8.26	142	1150709	40.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.47	216	456340	39.96	ng	100
40) Hexachlorocyclopentadiene	8.46	237	213151	39.89	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.62	196	322814	39.96	nq	98
43) 2,4,5-Trichlorophenol	8.67	196	348367	39.85	nq	96
45) 1,1'-Biphenyl	8.84	154	1297604	38.54	nq	98
46) 2-Chloronaphthalene	8.86	162	1027841	39.00	nq	96
47) 2-Nitroaniline	8.99	65	322664	41.27	nq	90
48) Acenaphthylene	9.37	152	1676826	38.28	nq	99
49) Dimethylphthalate	9.23	163	1208404	40.72	nq	100
50) 2,6-Dinitrotoluene	9.30	165	284068	41.76	nq	91
51) Acenaphthene	9.58	154	981222	38.39	nq	100
52) 3-Nitroaniline	9.50	138	328808	41.17	nq	91
53) 2,4-Dinitrophenol	9.63	184	146882	42.66	nq #	74
54) Dibenzofuran	9.79	168	1317406	37.86	nq	98
55) 4-Nitrophenol	9.74	139	231728	37.05	nq #	73
56) 2,4-Dinitrotoluene	9.79	165	337698	39.52	nq #	69
57) Fluorene	10.22	166	1073486	37.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	237297	39.56	nq	99
59) Diethylphthalate	10.10	149	1191465	40.63	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	462656	37.64	nq	93
61) 4-Nitroaniline	10.26	138	335589	43.78	nq	95
62) Azobenzene	10.42	77	1069695	38.56	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	205396	45.06	nq #	70
65) n-Nitrosodiphenylamine	10.37	169	1005750	39.07	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	296901	40.56	nq	98
67) Hexachlorobenzene	10.89	284	304583	41.10	nq #	88
68) Atrazine	11.05	200	318445	41.30	nq	96
69) Pentachlorophenol	11.14	266	149517	32.42	nq	97
70) Phenanthrene	11.40	178	1605939	38.79	nq	99
71) Anthracene	11.46	178	1662528	39.00	nq	99
72) Carbazole	11.66	167	1706709	39.04	nq	99
73) Di-n-butylphthalate	12.11	149	1872127	41.18	nq	99
74) Fluoranthene	12.86	202	1684102	39.72	nq	99
76) Benzidine	13.03	184	864526	36.37	nq	95
77) Pyrene	13.14	202	1719149	39.44	nq	100
79) Butylbenzylphthalate	13.95	149	808422	43.53	nq #	83
80) Benzo(a)anthracene	14.61	228	1406181	40.15	nq	99
81) 3,3'-Dichlorobenzidine	14.59	252	525573	41.98	nq #	95
82) Chrysene	14.66	228	1269607	39.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	1047379	41.34	nq #	99
84) Di-n-octyl phthalate	15.42	149	1822617	43.06	nq	98
85) Indeno(1,2,3-cd)pyrene	17.60	276	1151171	40.90	nq	100
87) Benzo(b)fluoranthene	15.84	252	1289885	40.84	nq	99
88) Benzo(k)fluoranthene	15.87	252	1188743	38.46	nq	96
89) Benzo(a)pyrene	16.19	252	1180773	40.59	nq	98
90) Dibenzo(a,h)anthracene	17.62	278	972627	39.48	nq	97
91) Benzo(g,h,i)perylene	18.00	276	966479	38.93	nq	96

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

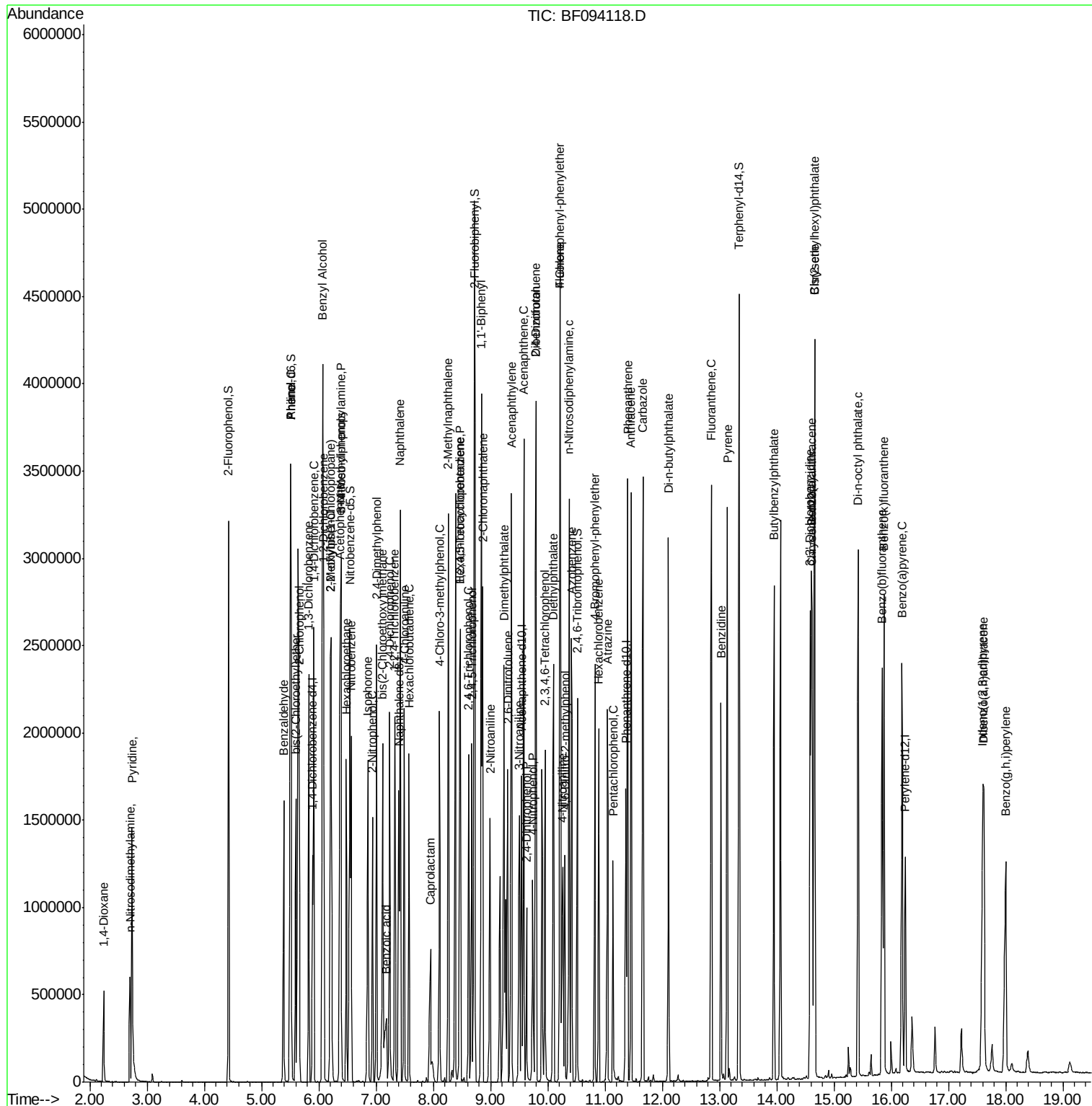
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\  
Data File : BF094118.D  
Acq On    : 3 Apr 2017 13:56  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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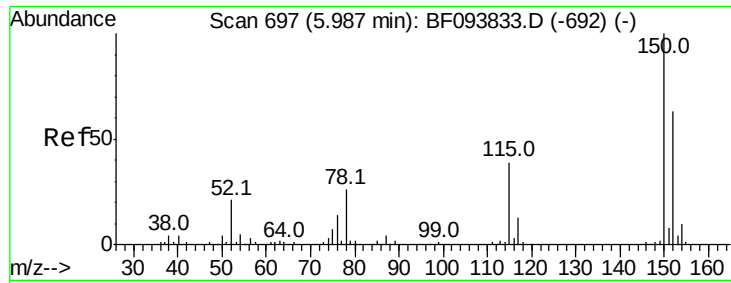
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

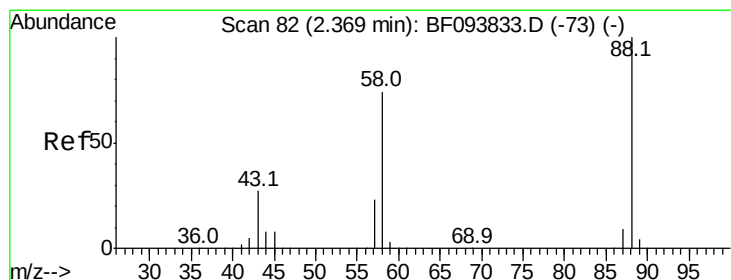
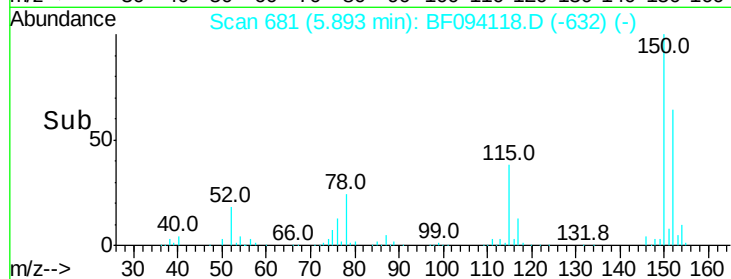
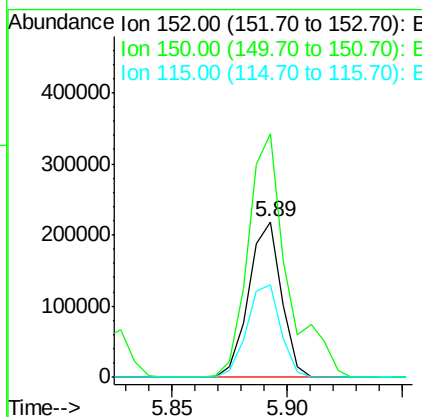
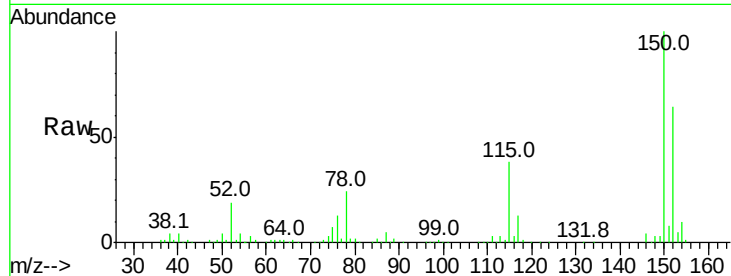
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	60.0	52.2	78.2

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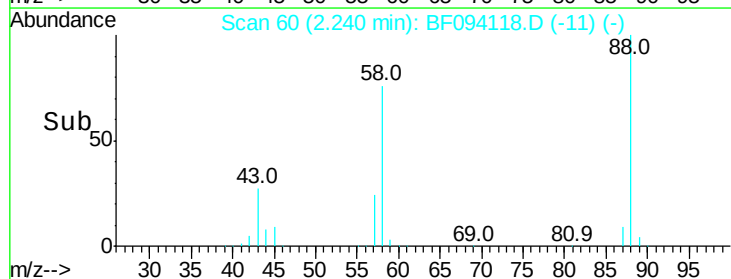
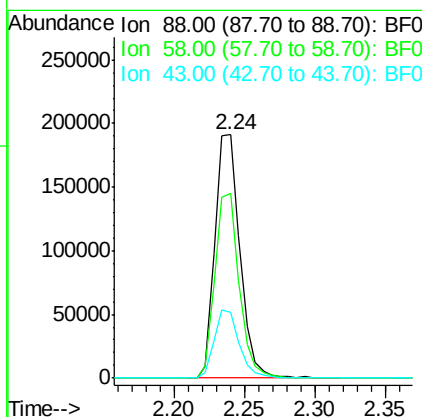
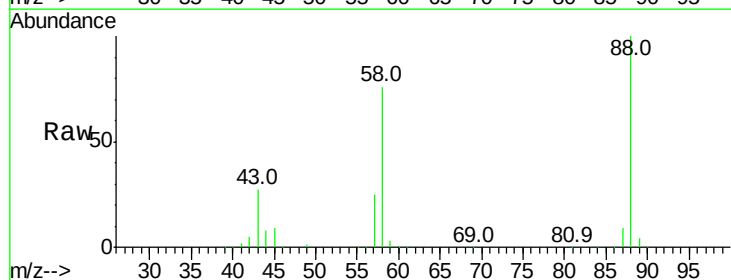
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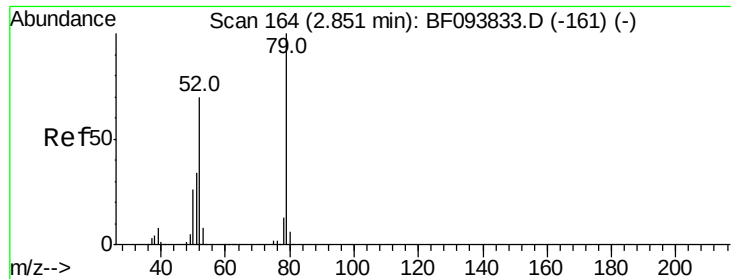


#2

1,4-Dioxane
Concen: 38.12 ng
RT: 2.24 min Scan# 60
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	61.4	92.0
43	27.9	23.4	35.0





#3

Pvridine

Concen: 39.09 ng

RT: 2.73 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

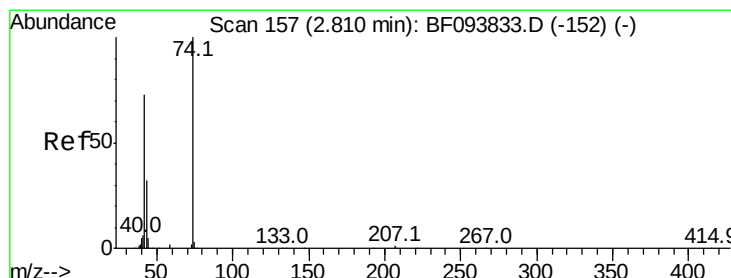
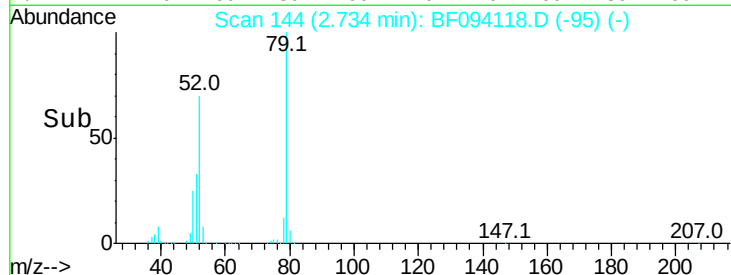
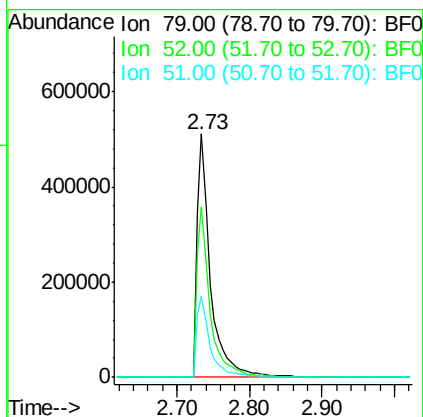
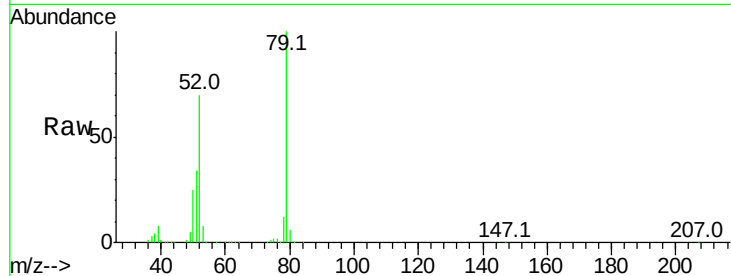
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	656618
Ion	Ratio	Lower	Upper
79	100		
52	70.1	54.8	82.2
51	33.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 38.34 ng

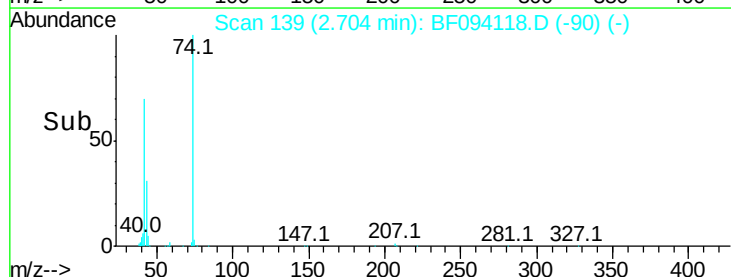
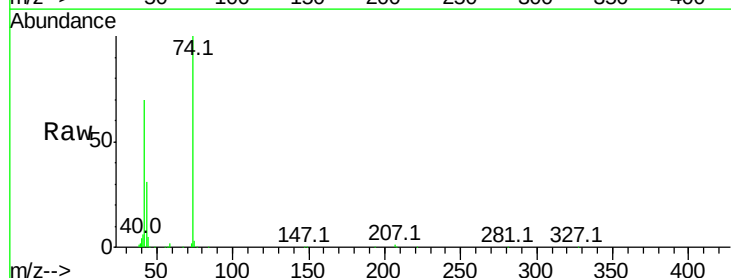
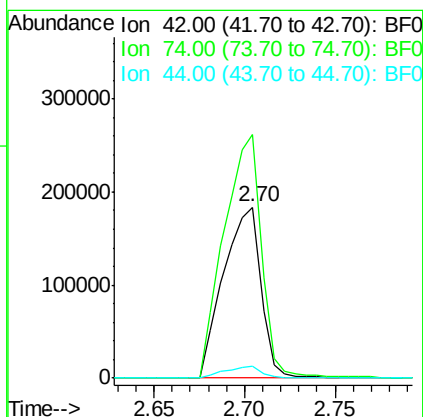
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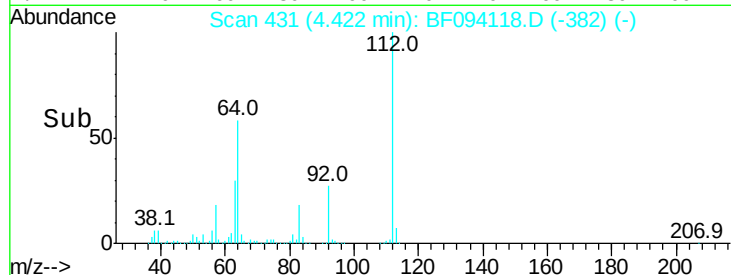
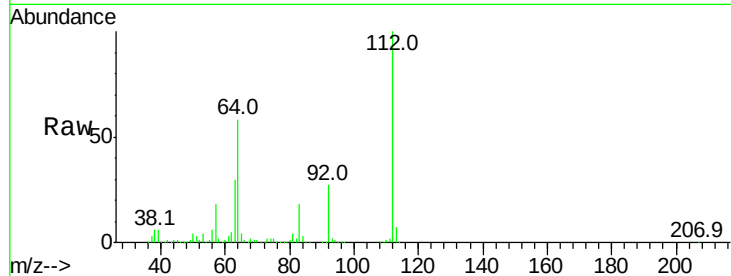
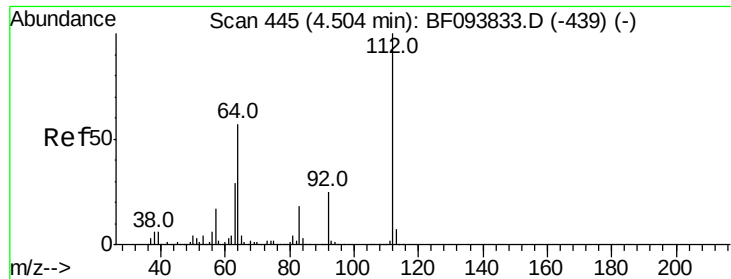
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:	42	Resp:	265018
Ion	Ratio	Lower	Upper
42	100		
74	142.4	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 77.04 ng

RT: 4.42 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

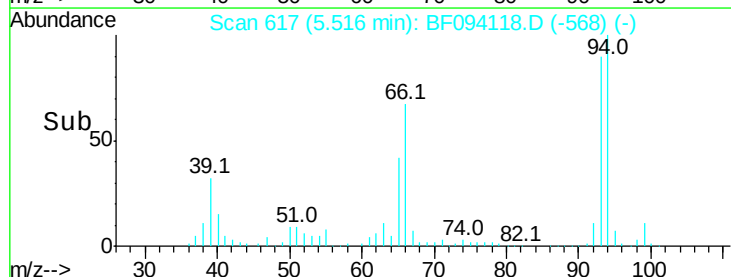
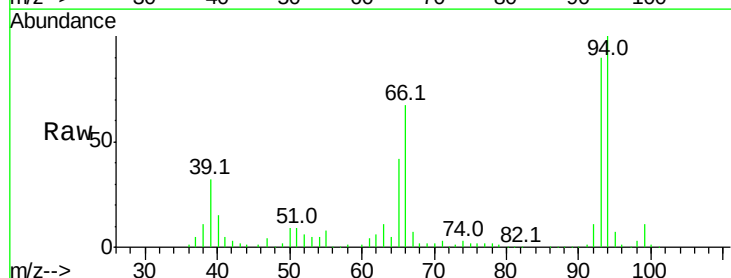
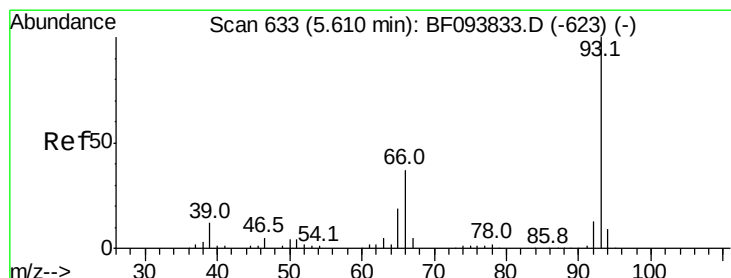
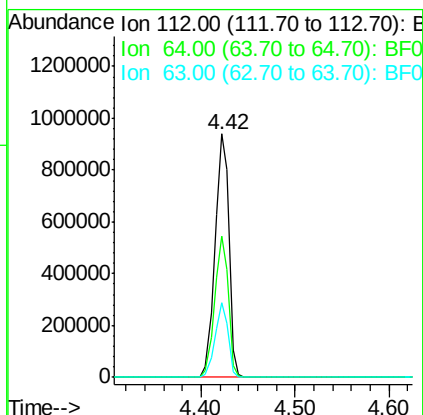
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	988412		
64	58.1	46.0	69.0	
63	30.4	23.4	35.0	

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#6

Aniline

Concen: 35.24 ng

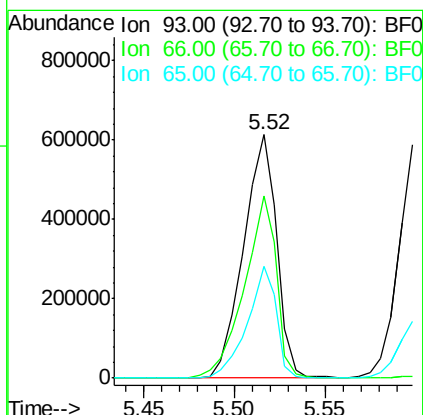
RT: 5.52 min Scan# 617

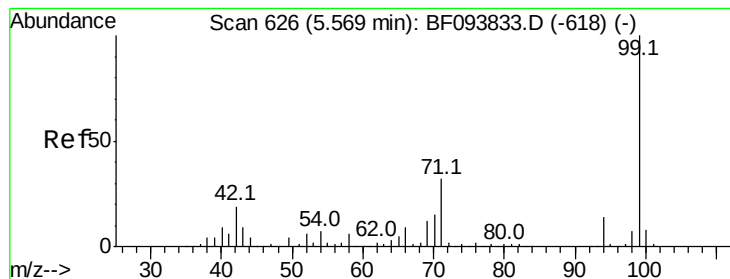
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	777932		
66	74.8	32.9	49.3#	
65	46.1	16.0	24.0#	





#7

Phenol-d6

Concen: 76.57 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1215243

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

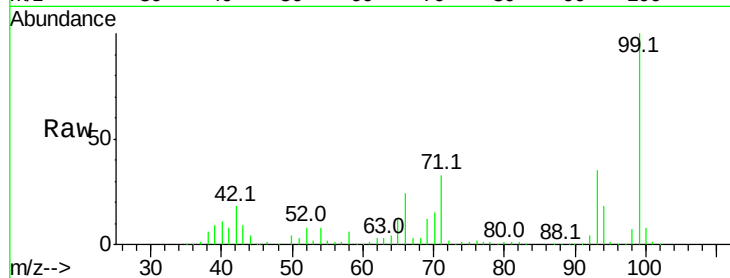
71 33.1 24.5 36.7

Manual Integrations

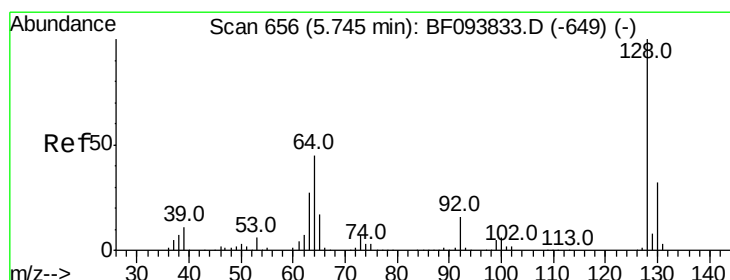
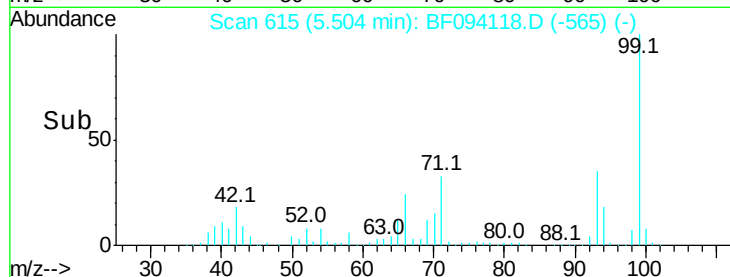
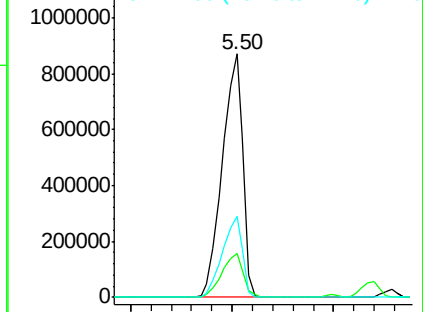
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.89 ng

RT: 5.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

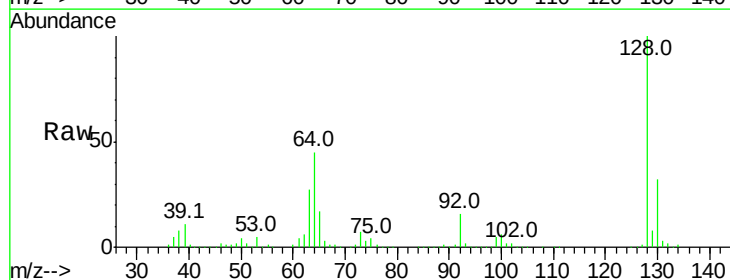
Tgt Ion: 128 Resp: 562520

Ion Ratio Lower Upper

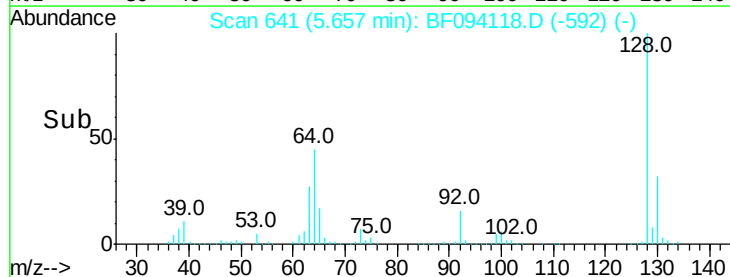
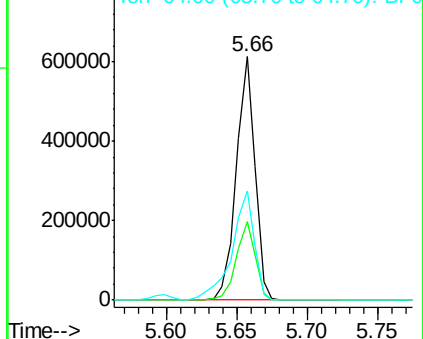
128 100

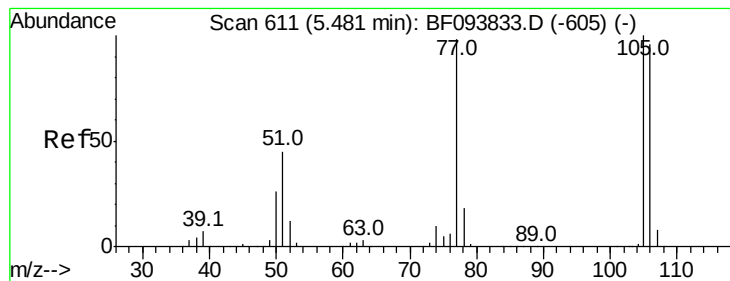
130 32.2 12.9 52.9

64 45.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.56 ng

RT: 5.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

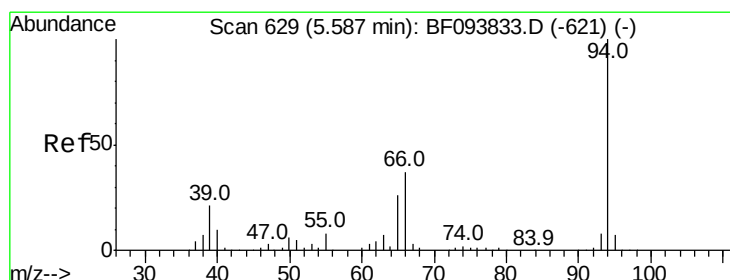
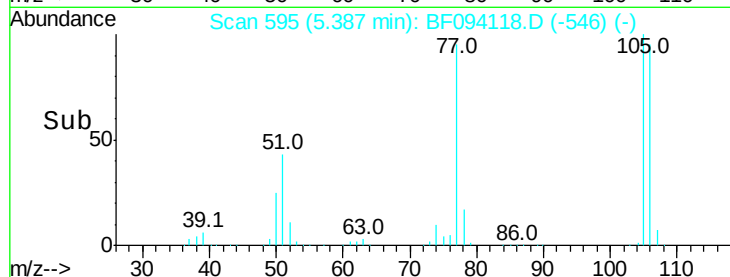
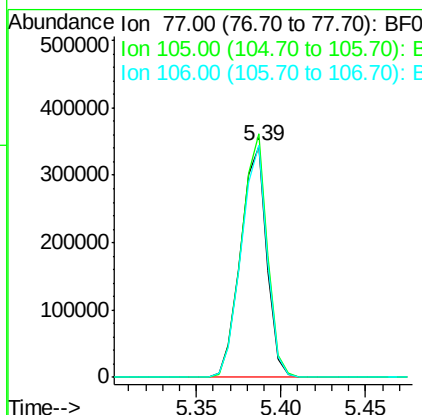
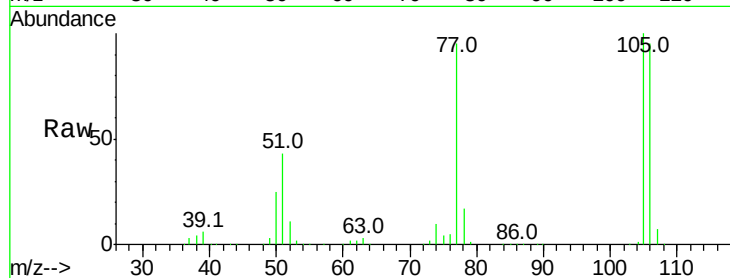
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	370407
Ion Ratio	Lower	Upper	
77	100		
105	105.2	83.8	123.8
106	100.3	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 37.58 ng

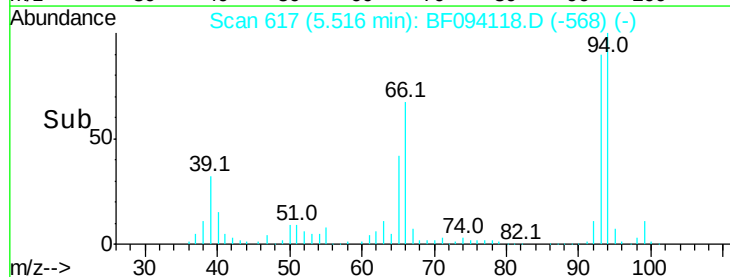
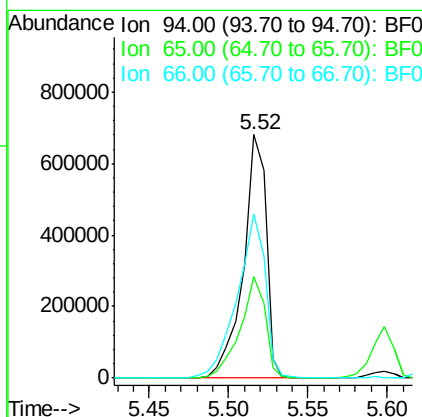
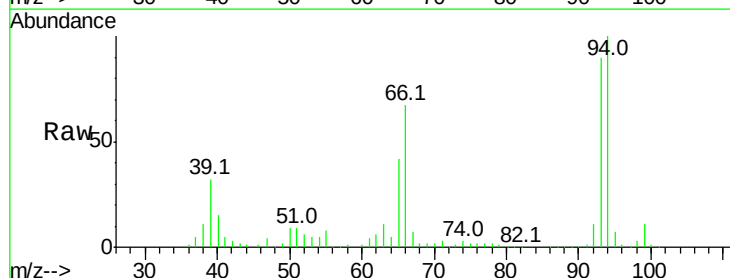
RT: 5.52 min Scan# 617

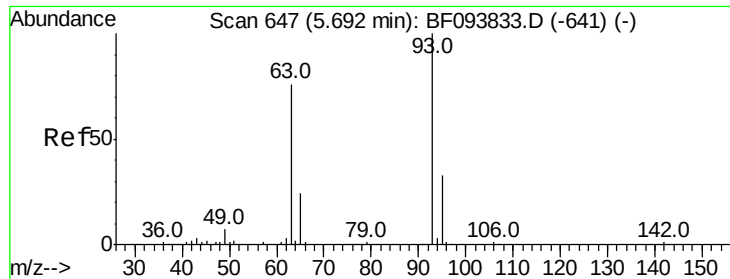
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:	94	Resp:	678714
Ion Ratio	Lower	Upper	
94	100		
65	41.6	9.9	49.9
66	67.4	23.1	63.1#





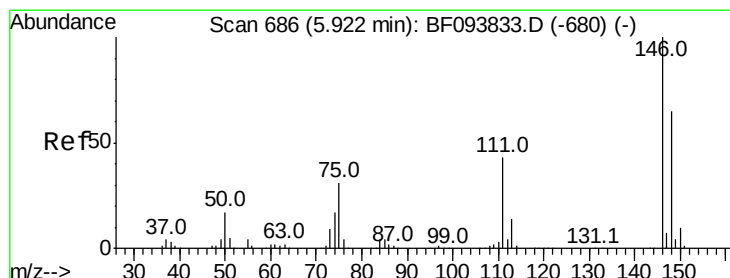
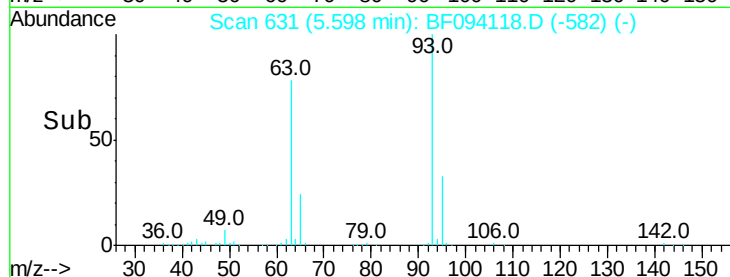
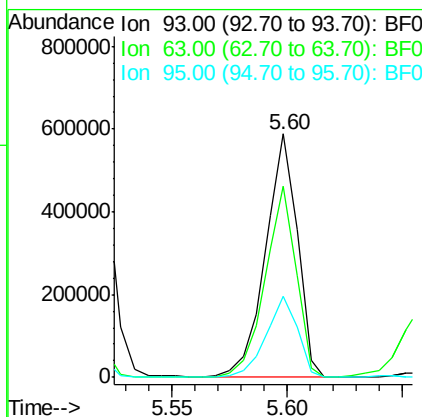
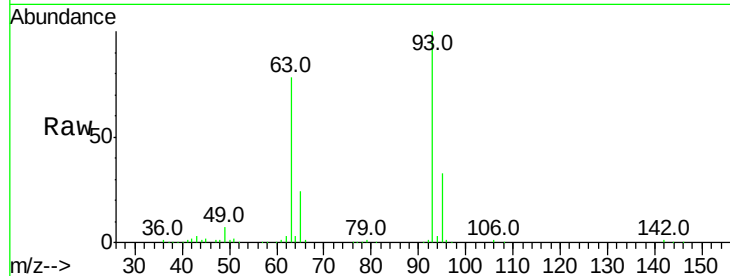
#11
bis(2-Chloroethyl)ether
Concen: 40.01 ng
RT: 5.60 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	59.2	99.2
95	33.1	12.8	52.8

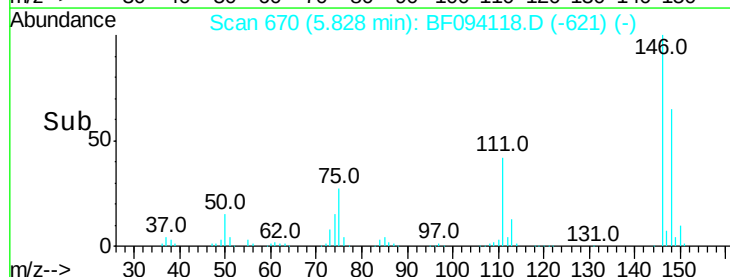
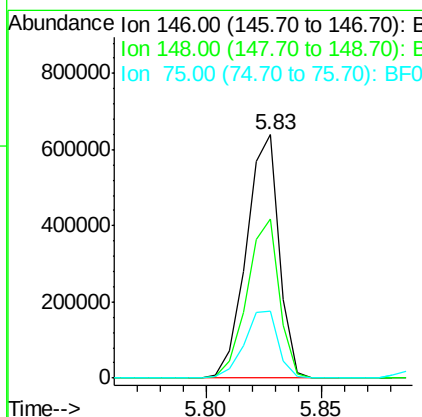
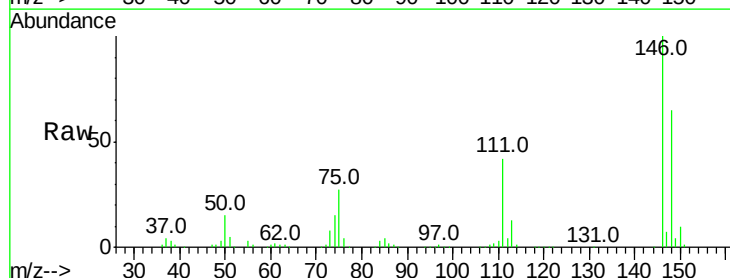
Manual Integrations
APPROVED

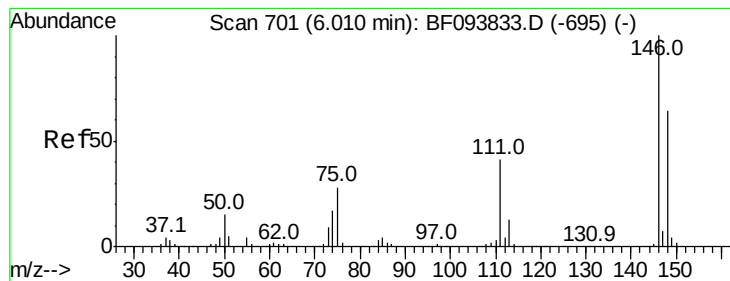
mohammad
4/4/2017 5:33:51 PM



#12
1,3-Dichlorobenzene
Concen: 39.96 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
75	27.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.09 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

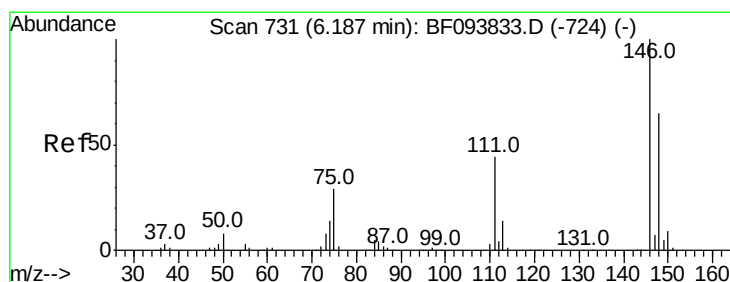
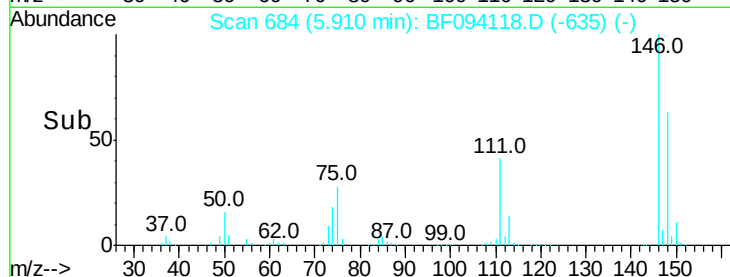
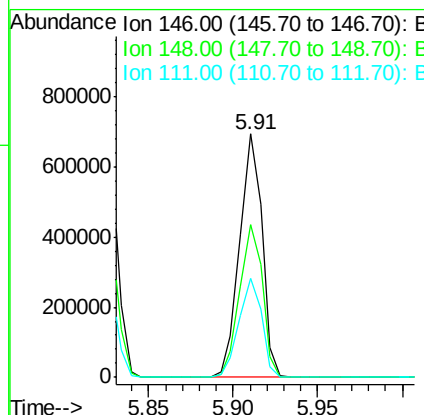
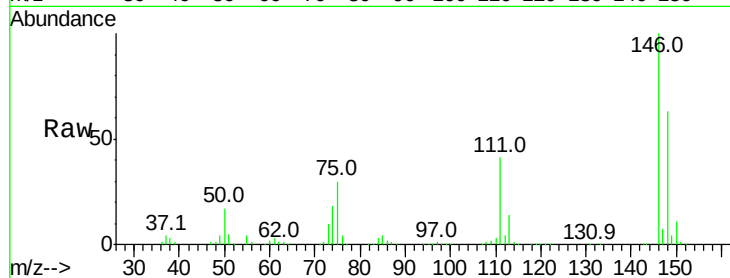
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	642345
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.2	78.2
111	40.9	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.84 ng

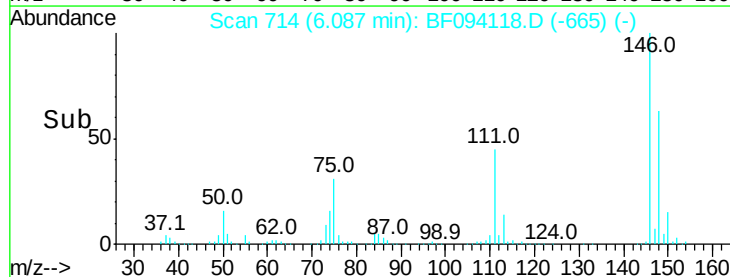
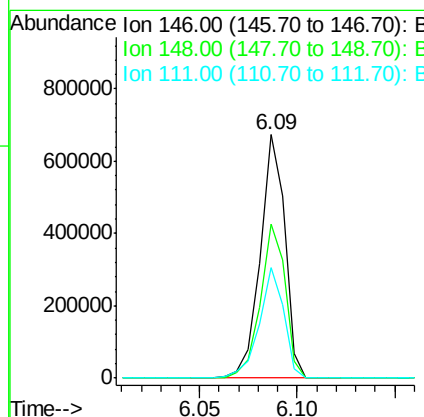
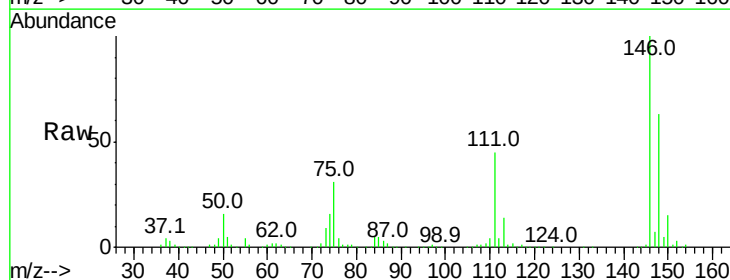
RT: 6.09 min Scan# 714

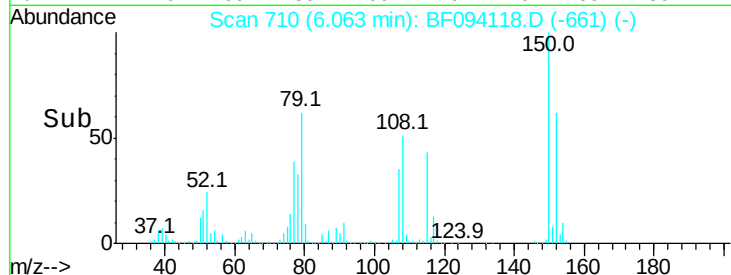
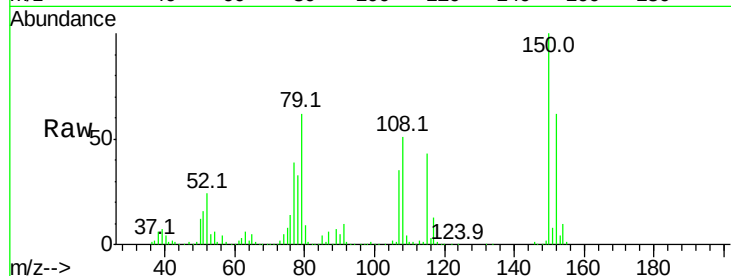
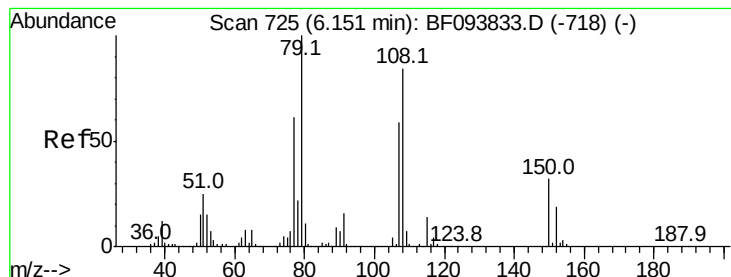
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:	146	Resp:	587825
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.4	75.6
111	45.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.71 ng

RT: 6.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tot Ion:	79	Resp:	438032
Ion Ratio	Lower	Upper	
79	100		
108	81.4	63.4	95.0
77	63.2	49.2	73.8

Instrument :

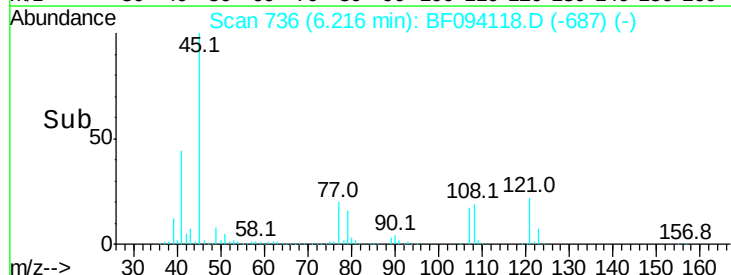
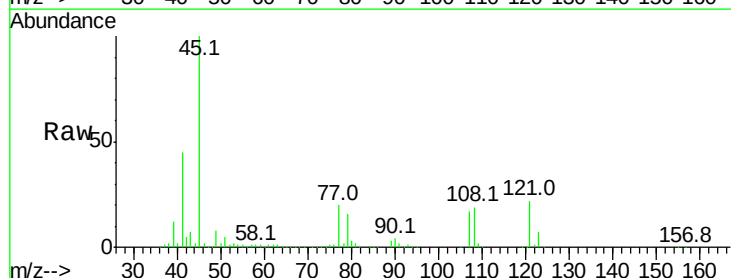
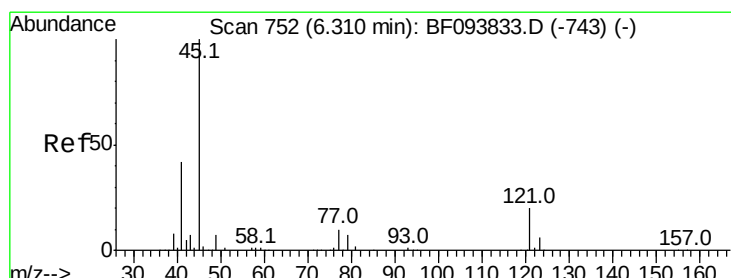
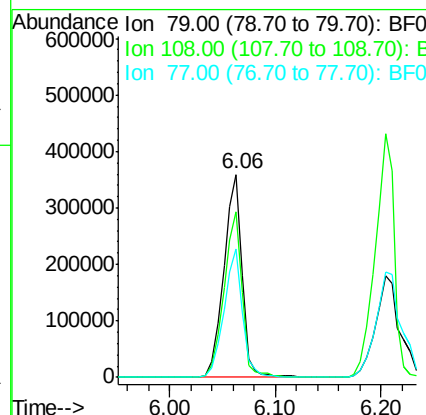
BNA_F

ClientSampled :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.59 ng

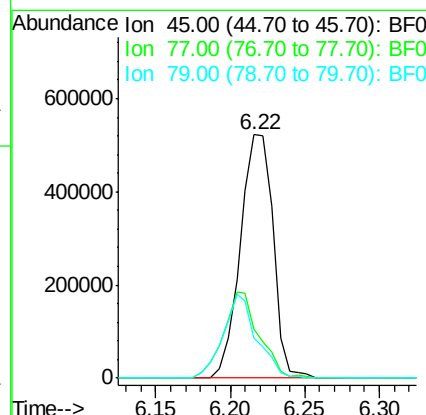
RT: 6.22 min Scan# 736

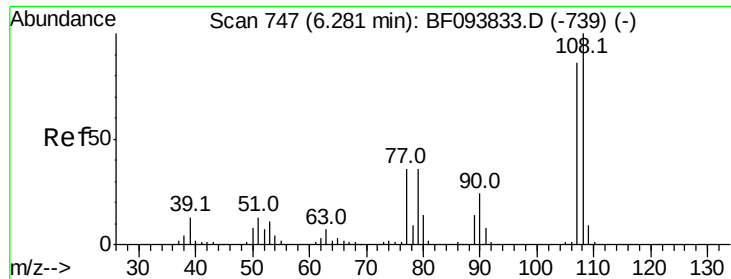
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:	45	Resp:	795744
Ion Ratio	Lower	Upper	
45	100		
77	20.2	0.0	33.2
79	16.5	0.0	30.0





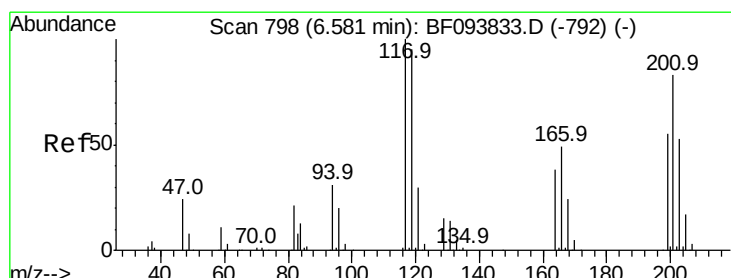
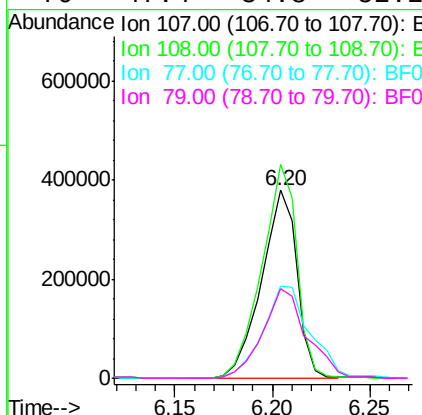
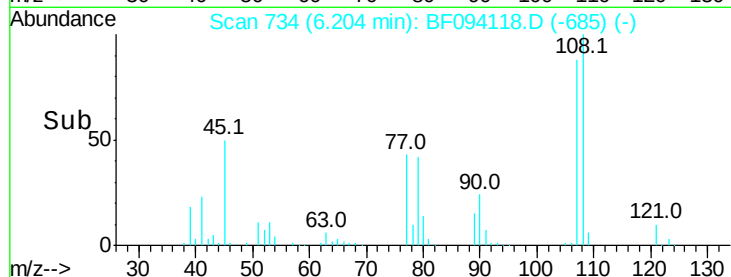
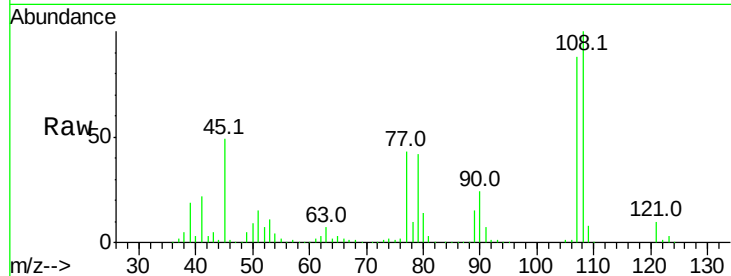
#17
2-Methylphenol
Concen: 39.34 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.4	140.0
77	49.0	35.8	53.6
79	47.4	34.8	52.2

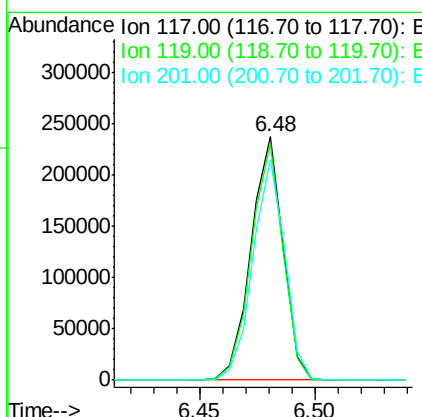
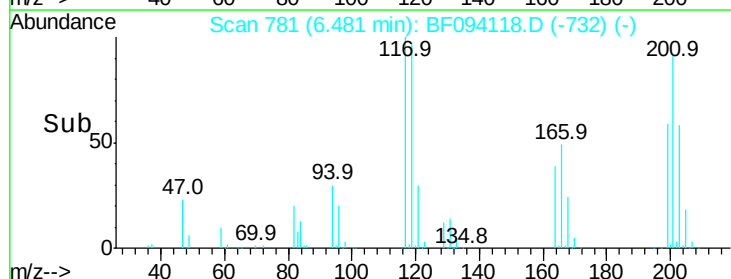
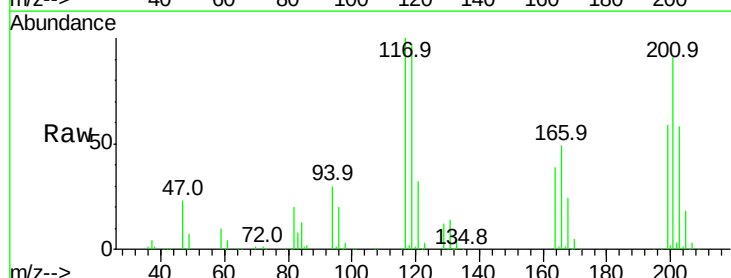
Manual Integrations
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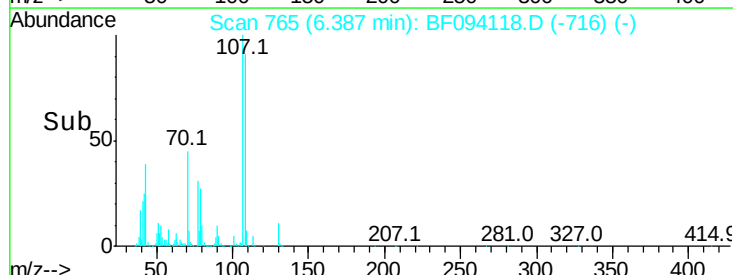
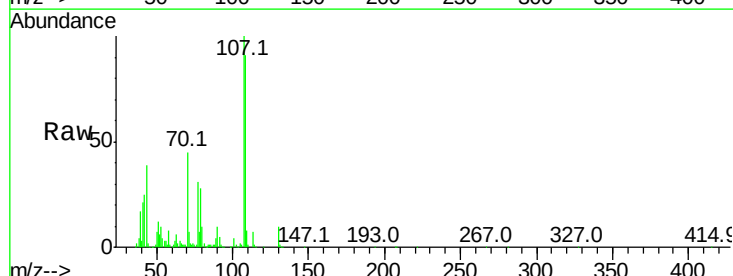
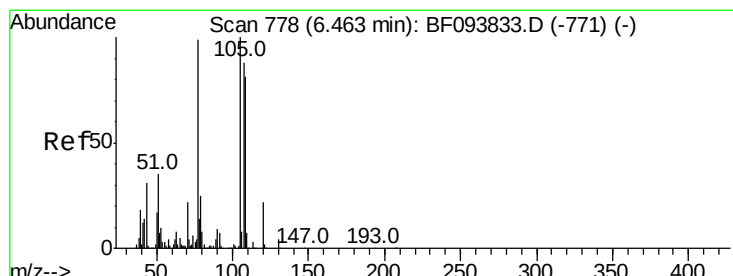
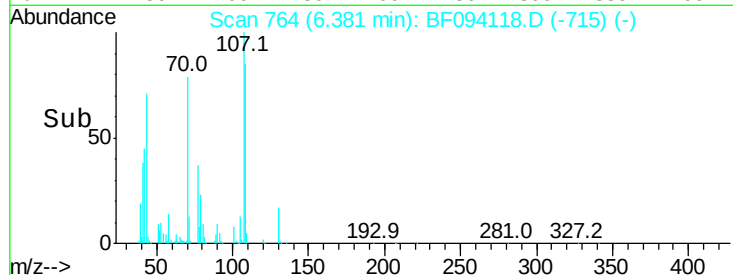
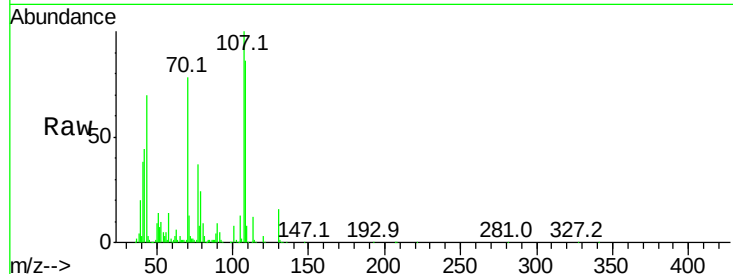
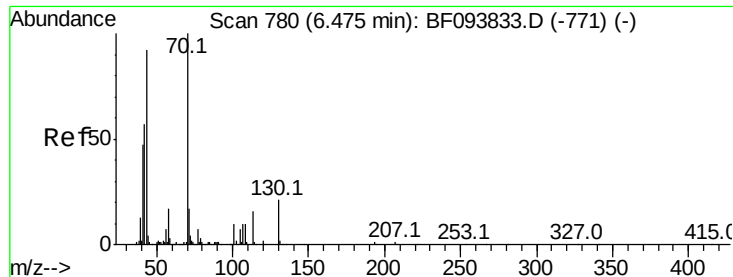
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#18
Hexachloroethane
Concen: 40.92 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

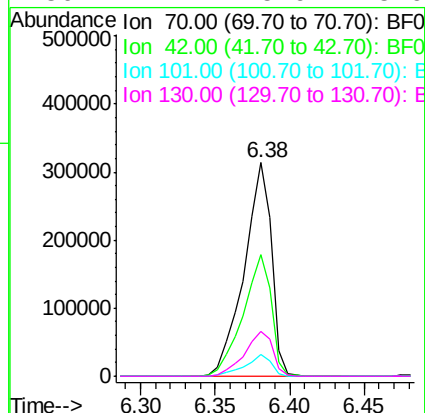
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.0
201	90.8	94.6	141.8#





#19
n-Nitroso-di-n-propylamine
Concen: 38.93 ng
RT: 6.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.2	70.8
101	9.9	7.2	10.8
130	21.2	15.9	23.9



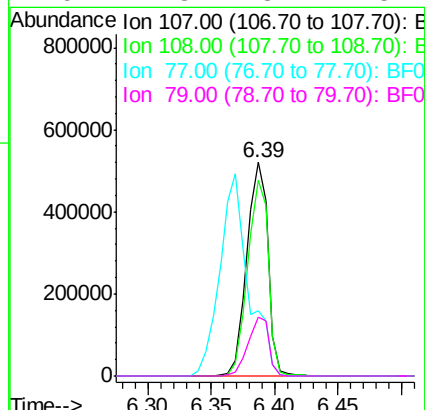
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

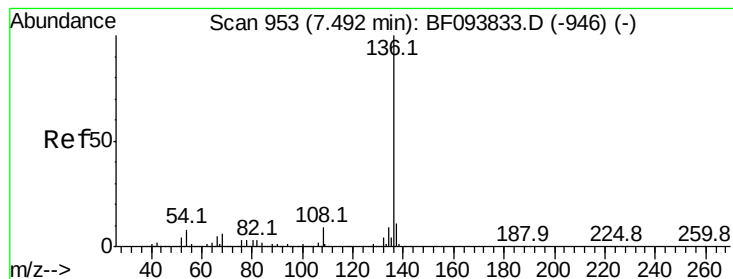
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#20
3+4-Methylphenols
Concen: 41.26 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	30.8	90.5	130.5#
79	27.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

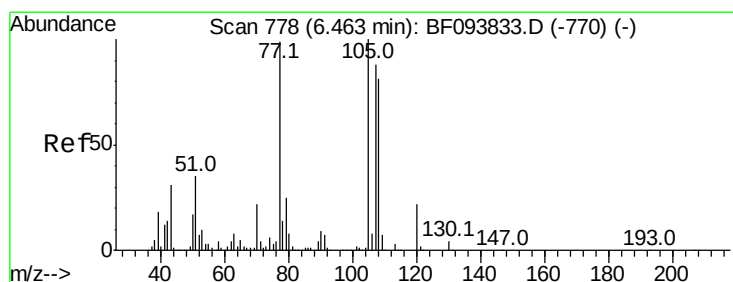
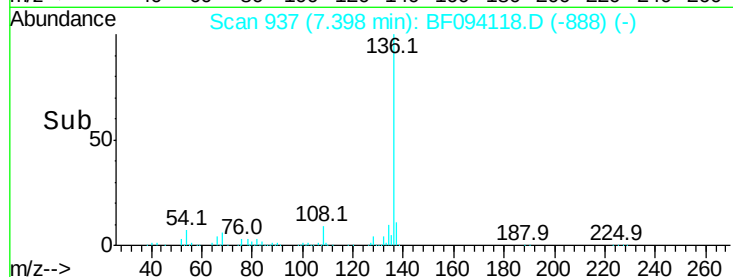
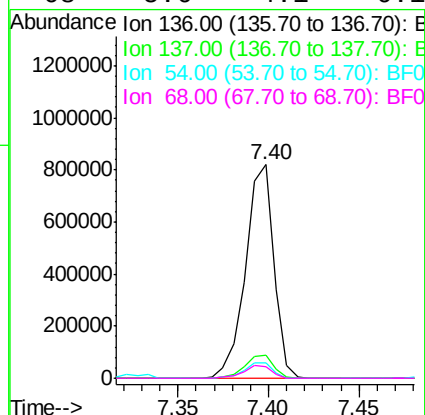
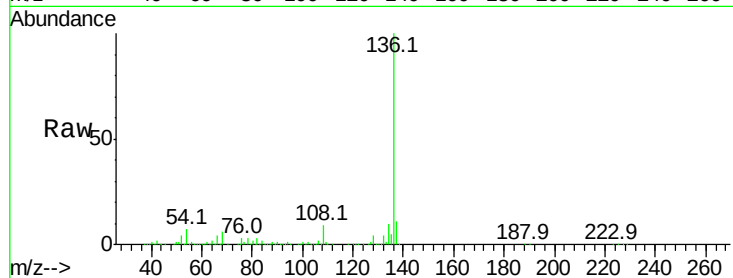
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	887001		
137	10.6		8.5	12.7
54	7.1		4.9	7.3
68	5.6		4.1	6.1

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#22

Acetophenone

Concen: 41.33 ng

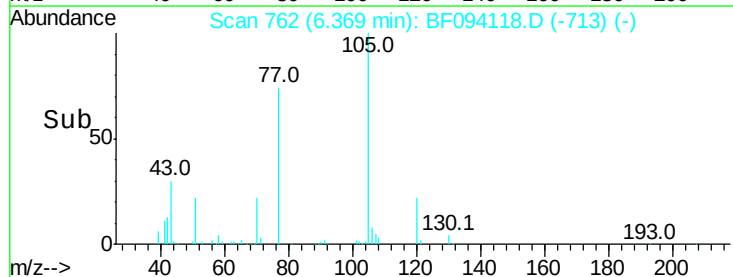
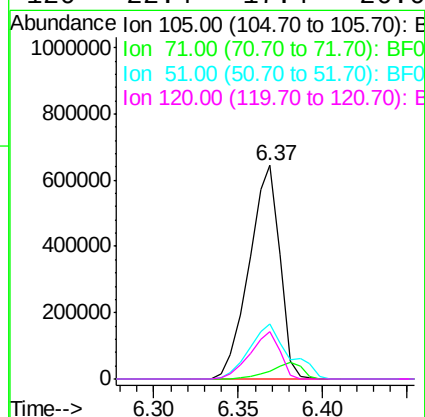
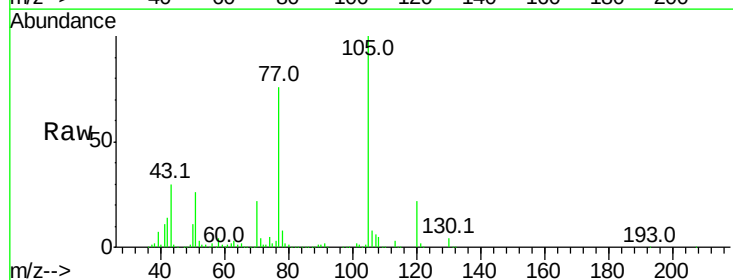
RT: 6.37 min Scan# 762

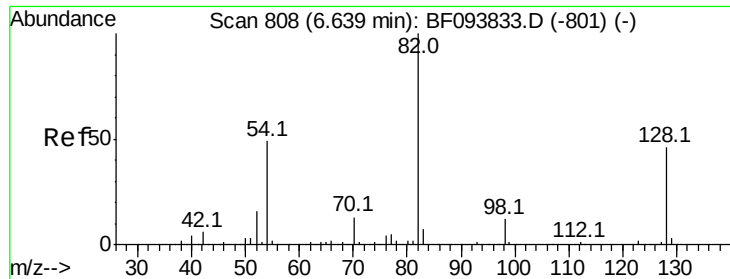
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	817042		
71	3.7		2.8	4.2
51	25.5		30.7	46.1#
120	22.4		17.4	26.0





#23
 Nitrobenzene-d5
 Concen: 80.21 ng
 RT: 6.55 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

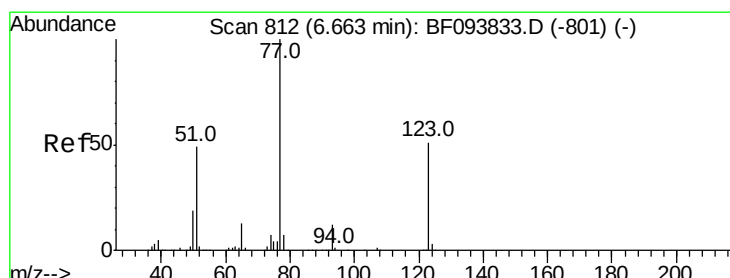
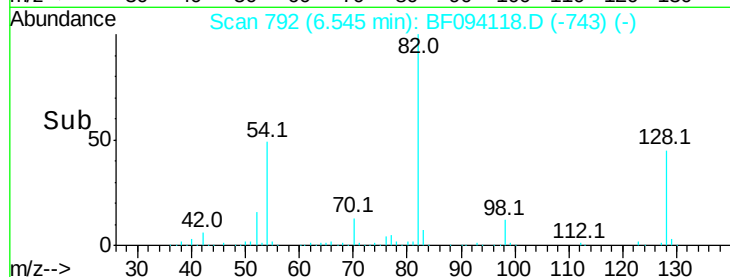
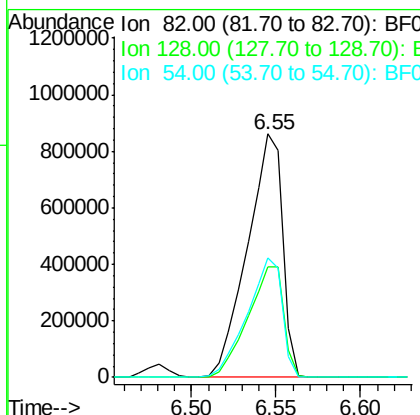
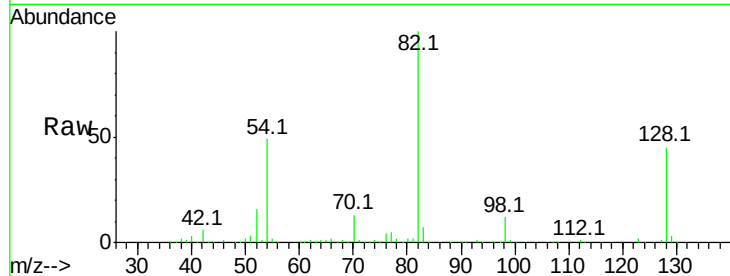
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1246734

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	49.1	42.2	63.2

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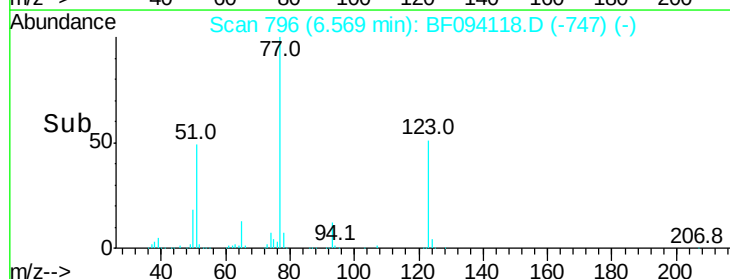
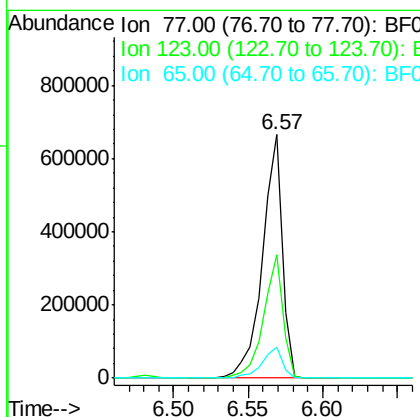
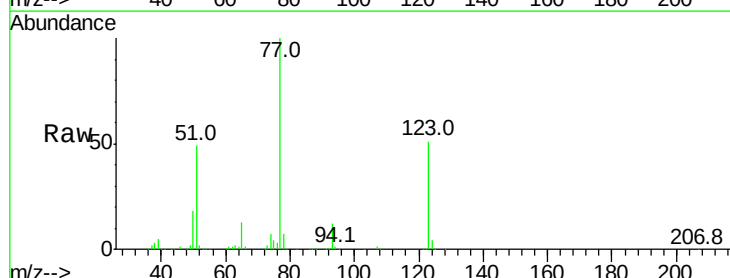
mohammad
 4/4/2017 5:33:51 PM

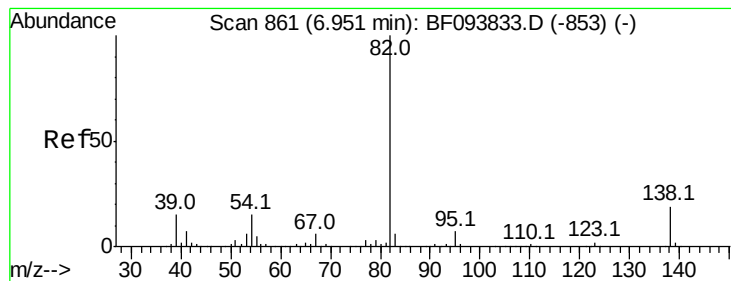


#24
 Nitrobenzene
 Concen: 39.67 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion: 77 Resp: 608105

Ion	Ratio	Lower	Upper
77	100		
123	50.6	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 39.72 ng

RT: 6.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1084769

Ion Ratio Lower Upper

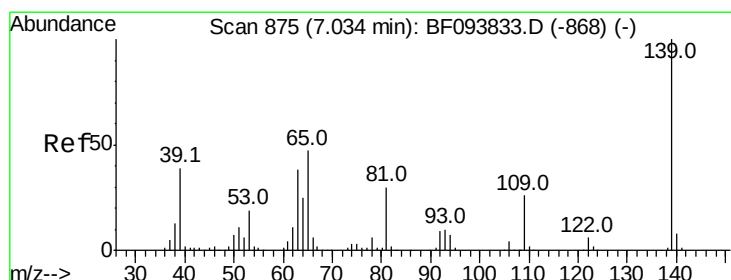
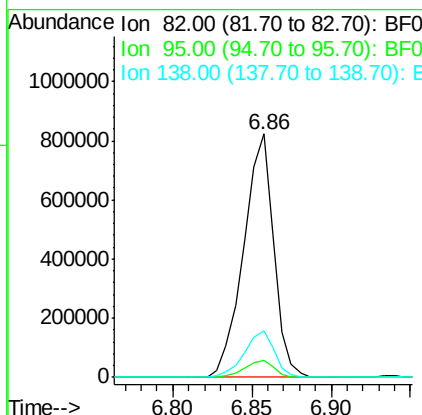
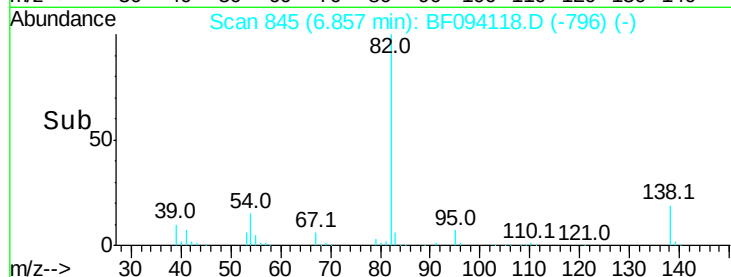
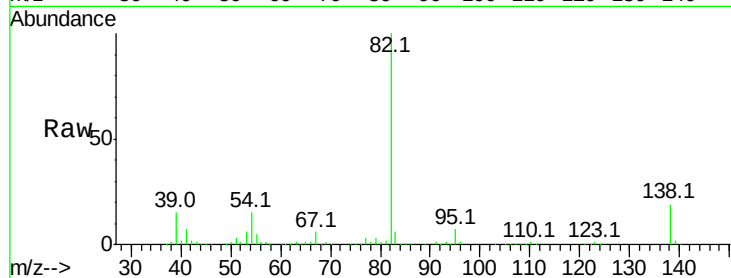
82 100

95 6.9 5.3 7.9

138 19.3 13.1 19.7

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#26

2-Nitrophenol

Concen: 43.98 ng

RT: 6.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

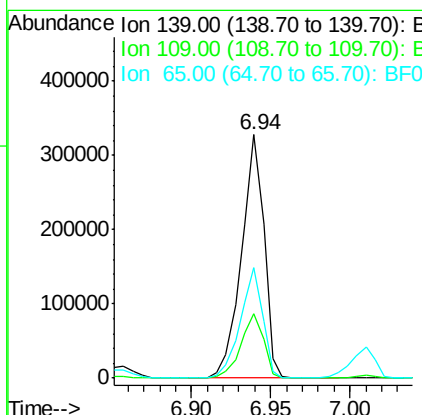
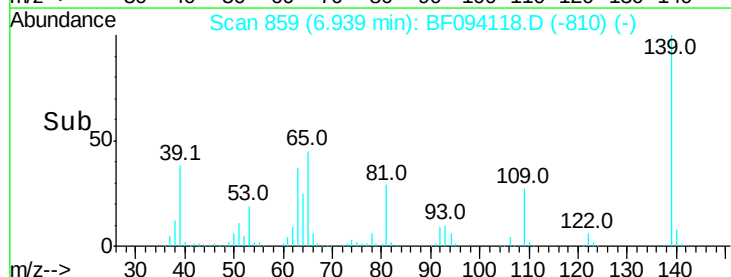
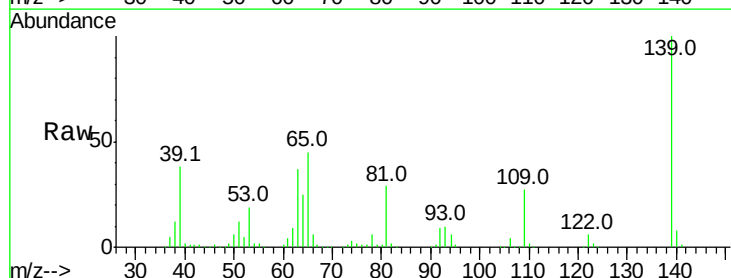
Tgt Ion: 139 Resp: 321522

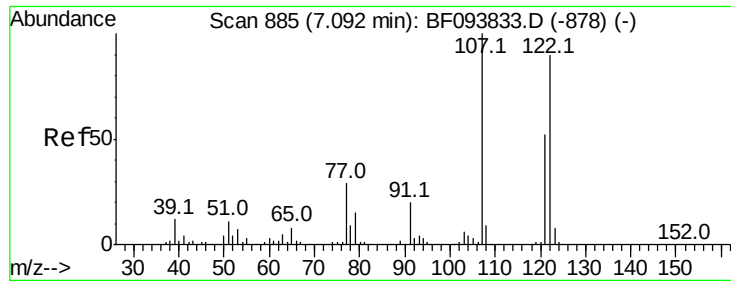
Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

65 45.4 33.0 49.6





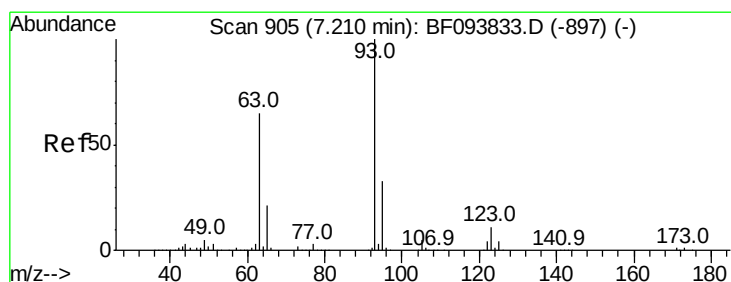
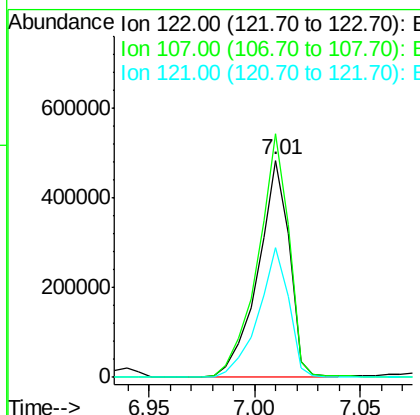
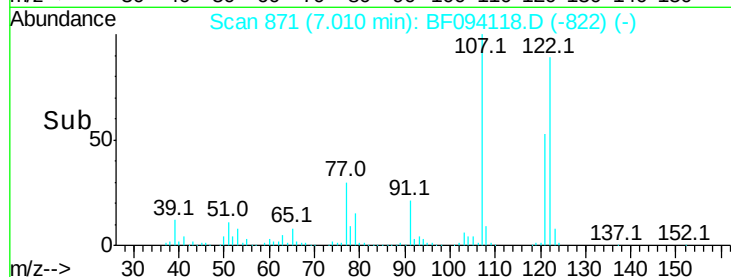
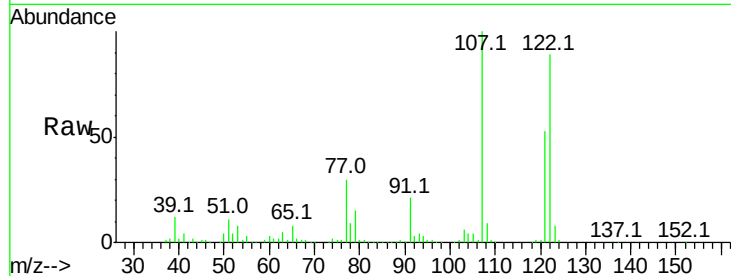
#27
 2,4-Dimethylphenol
 Concen: 39.80 ng
 RT: 7.01 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	501355
Ion Ratio	Lower	Upper	
122	100		
107	112.3	89.2	133.8
121	59.8	45.2	67.8

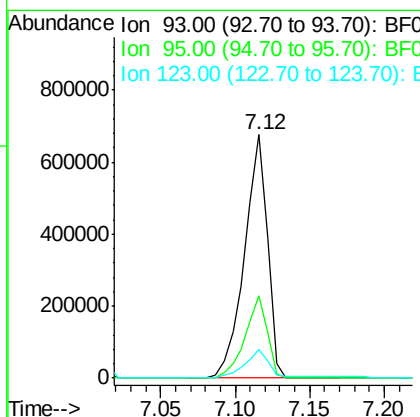
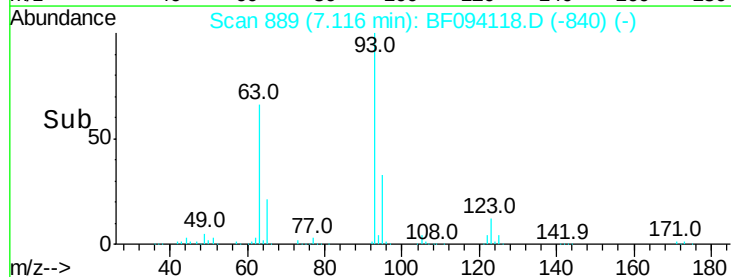
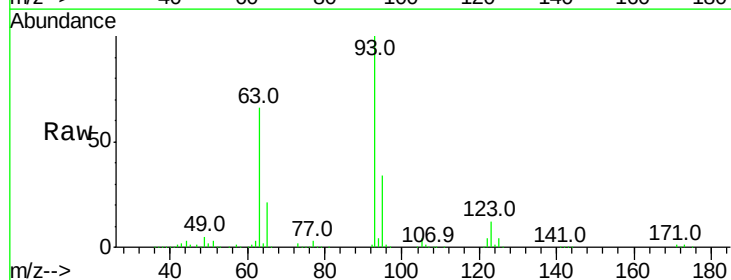
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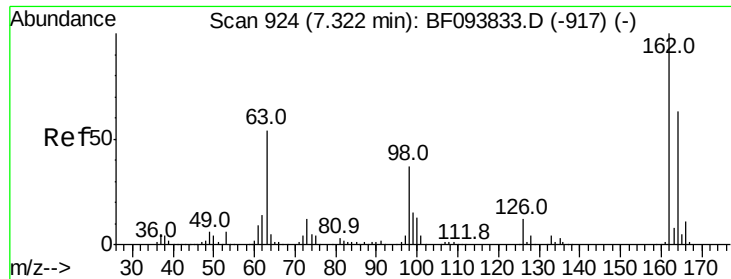
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.90 ng
 RT: 7.12 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion:	93	Resp:	718685
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.5	39.7
123	11.6	9.0	13.4





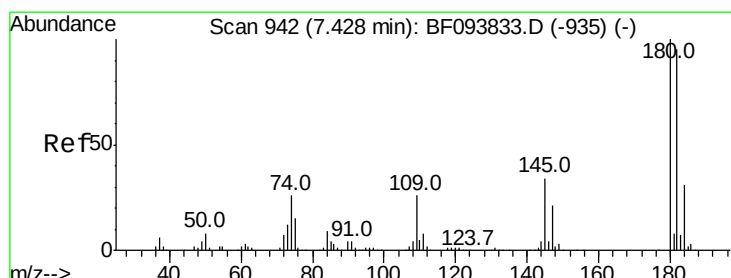
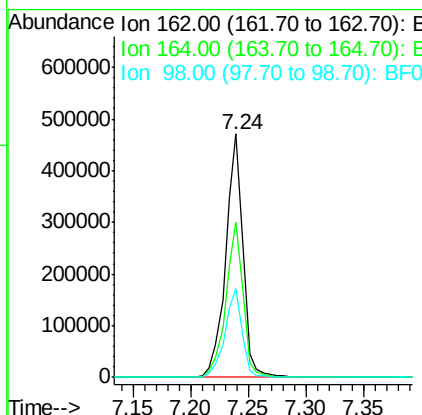
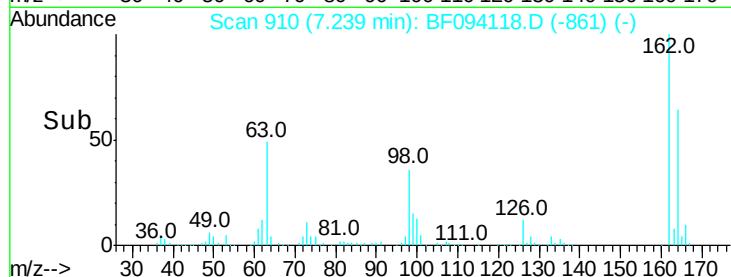
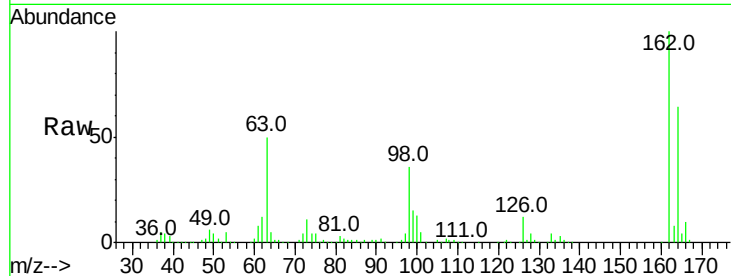
#29
 2,4-Dichlorophenol
 Concen: 41.31 ng
 RT: 7.24 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	486508		
164	63.9		44.6	84.6
98	36.2		14.8	54.8

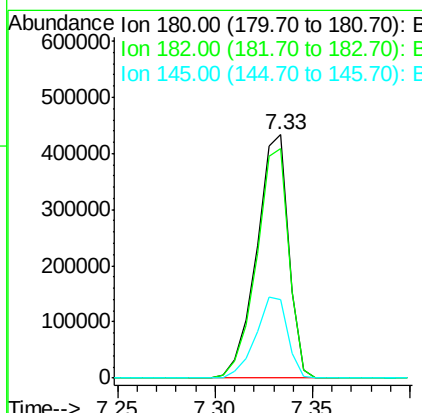
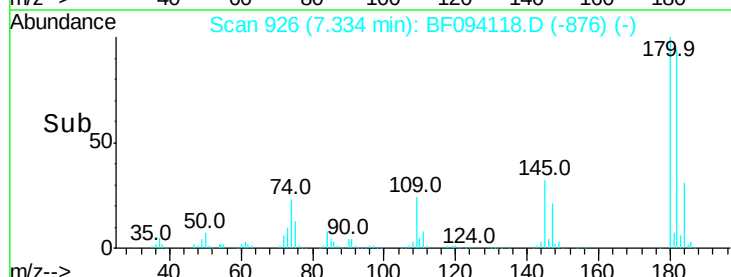
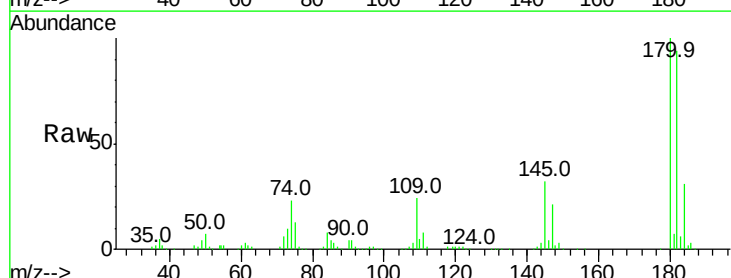
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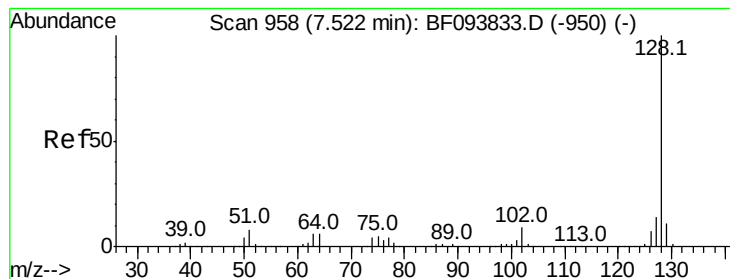
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.45 ng
 RT: 7.33 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	490678		
182	94.2		75.8	113.6
145	32.2		25.3	37.9





#31

Naphthalene

Concen: 39.40 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1680471

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

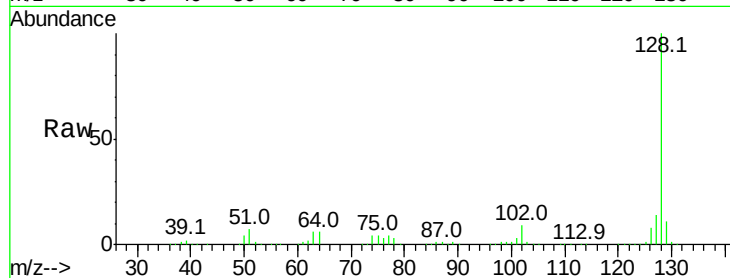
127 13.5 10.8 16.2

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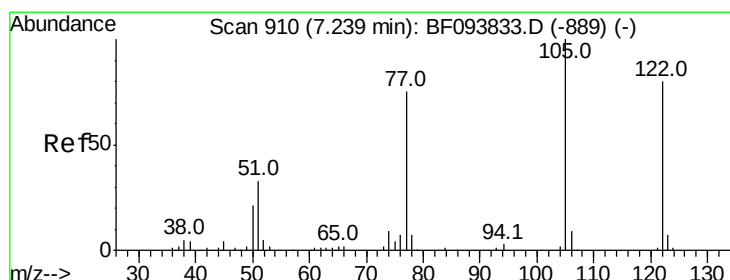
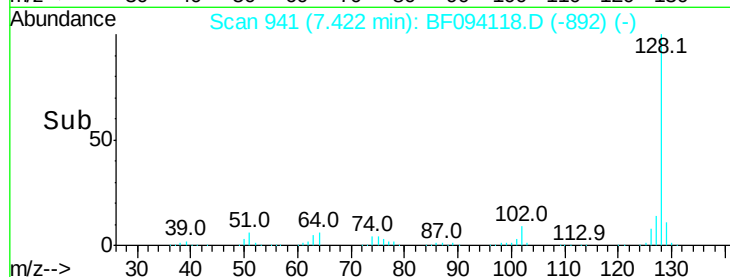
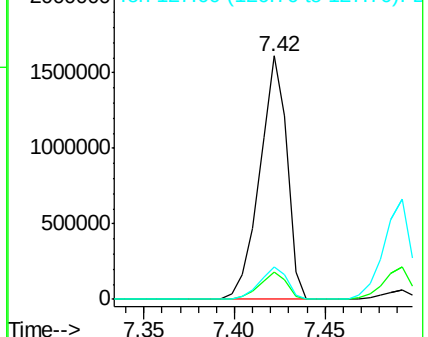
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.41 ng

RT: 7.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

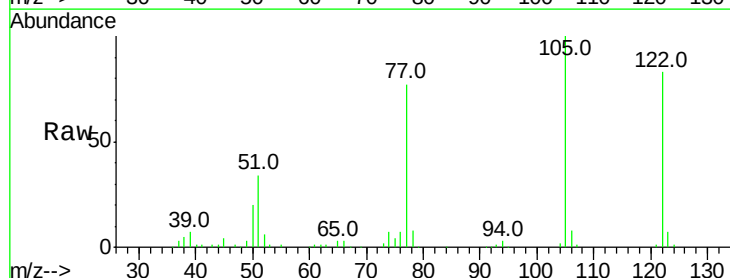
Tgt Ion:122 Resp: 271745

Ion Ratio Lower Upper

122 100

105 120.2 103.3 143.3

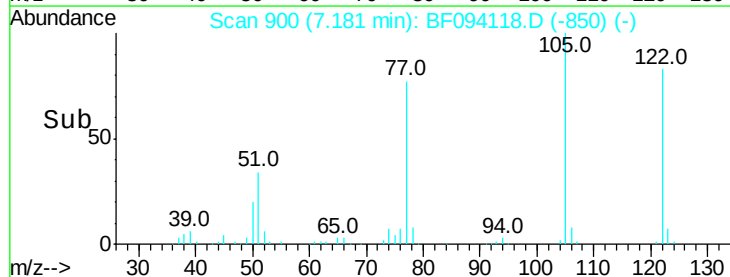
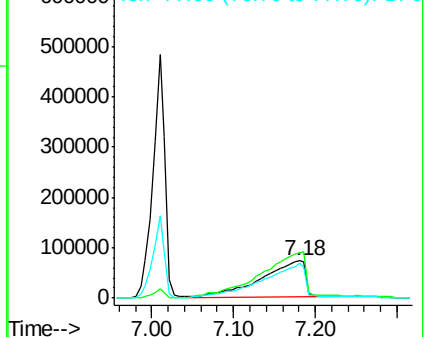
77 92.2 73.7 113.7

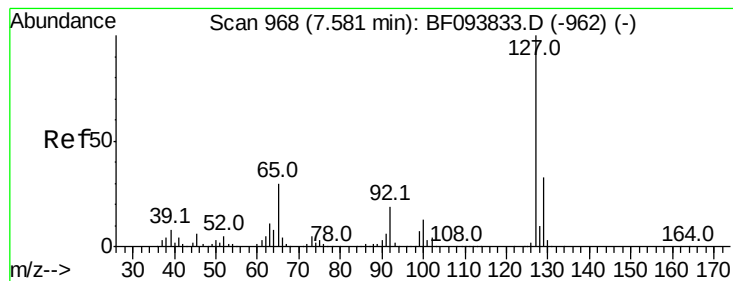


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





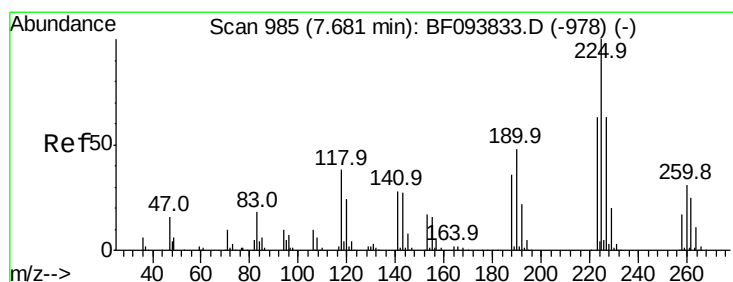
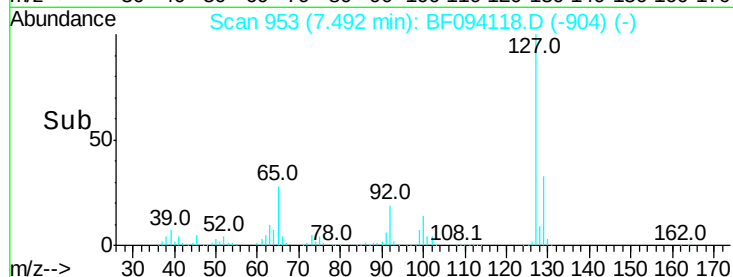
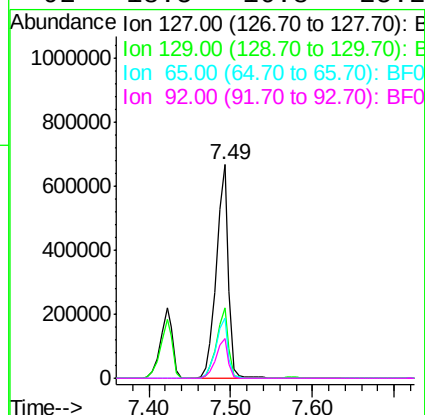
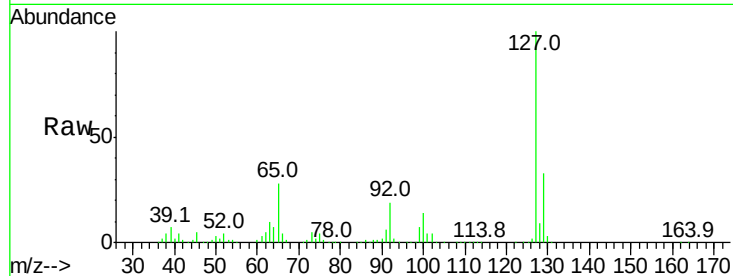
#33
4-Chloroaniline
Concen: 39.70 ng
RT: 7.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.2		
65	28.1	27.8	41.8		
92	18.5	16.8	25.2		

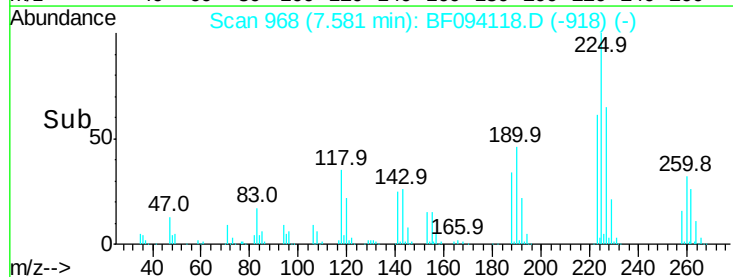
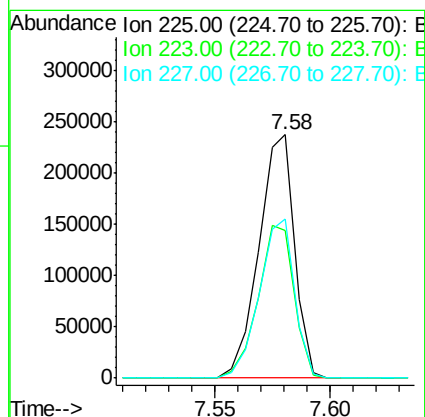
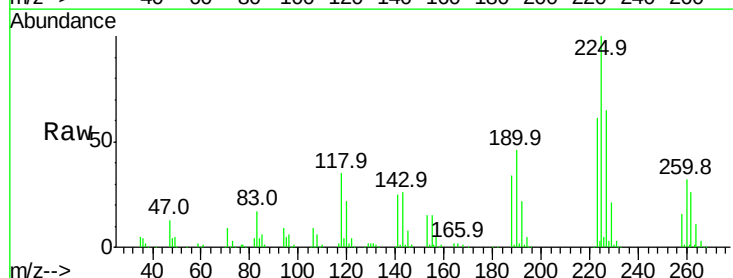
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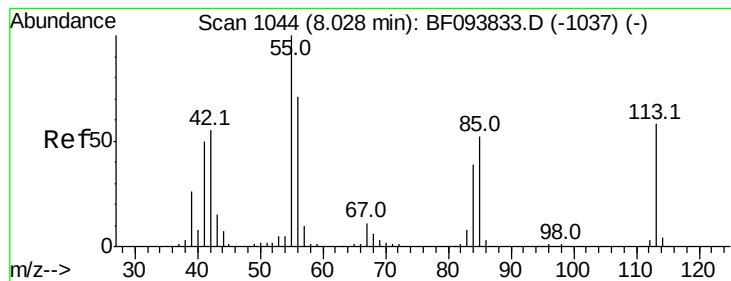
mohammad
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#34
Hexachlorobutadiene
Concen: 41.04 ng
RT: 7.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.6	48.8	73.2		
227	65.4	51.1	76.7		





#35

Caprolactam

Concen: 42.68 ng/ml

RT: 7.95 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

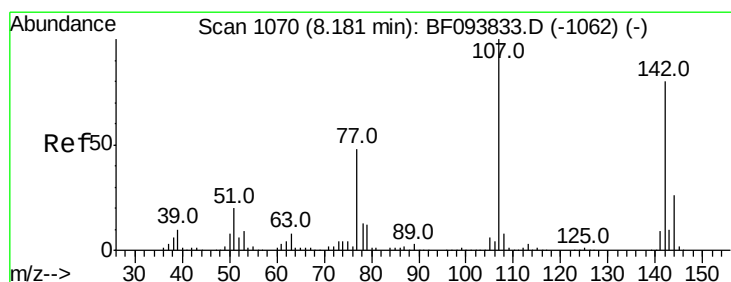
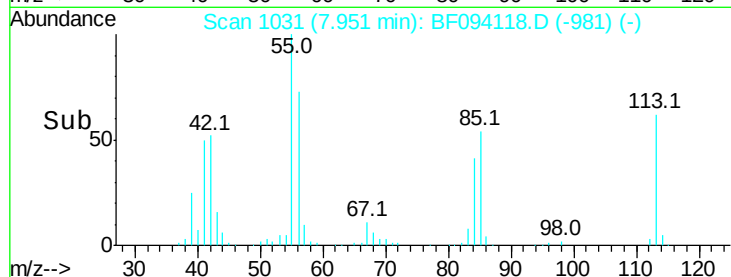
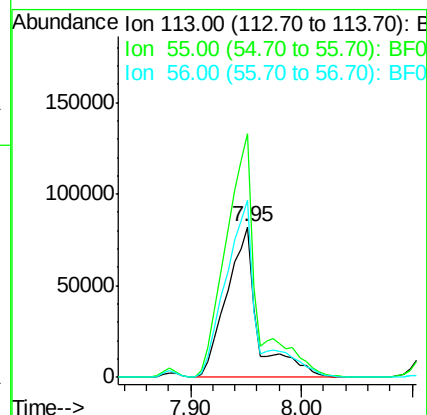
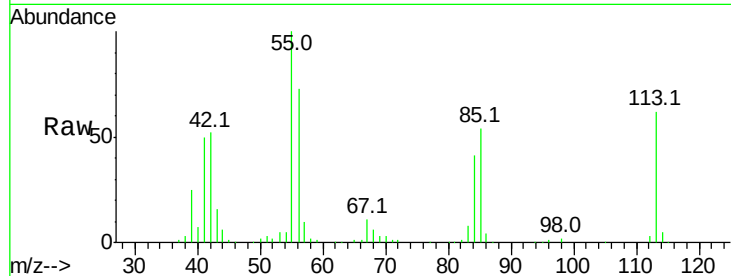
ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 160287
 Ion Ratio Lower Upper
 113 100
 55 161.9 150.2 190.2
 56 117.6 107.8 147.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.70 ng/ml

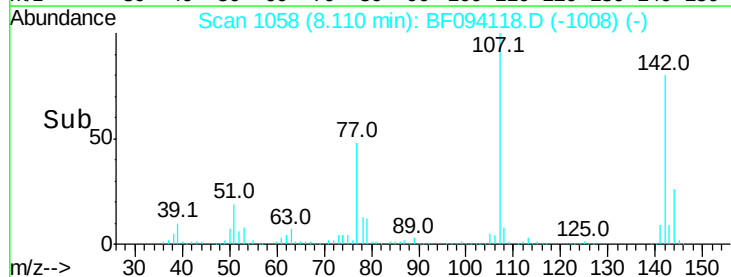
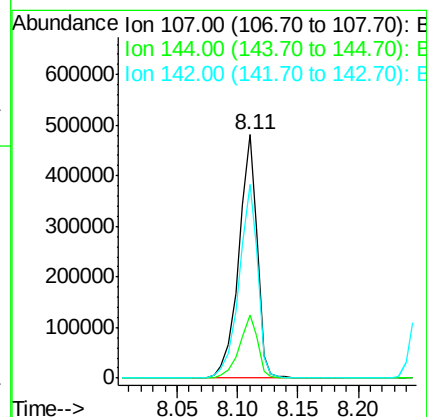
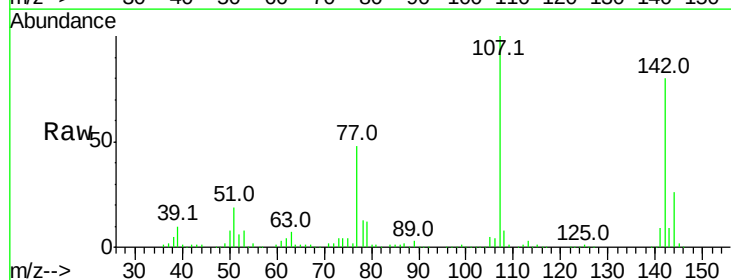
RT: 8.11 min Scan# 1058

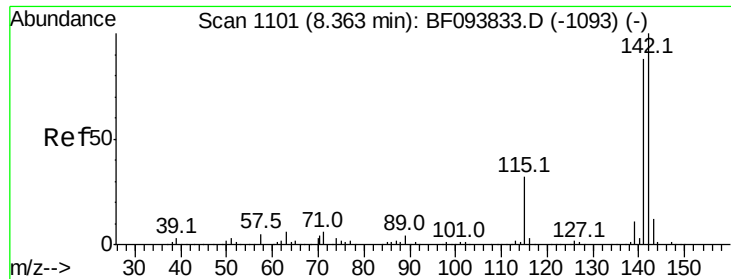
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:107 Resp: 513144
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 79.5 73.4 110.0





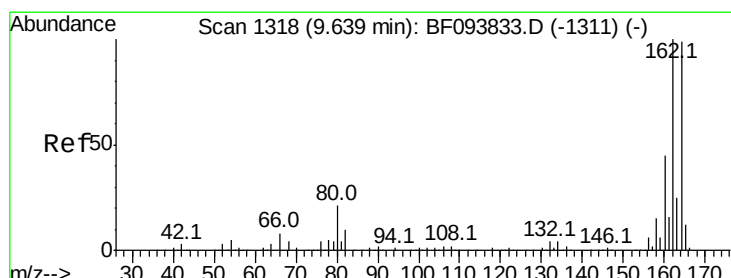
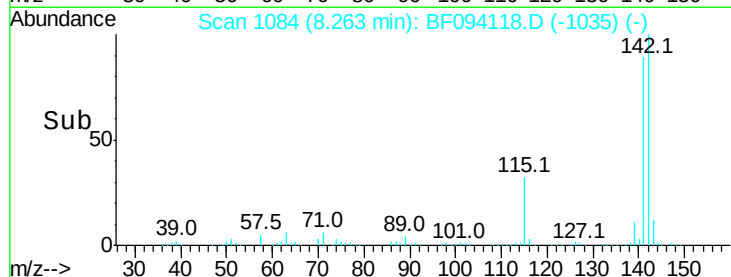
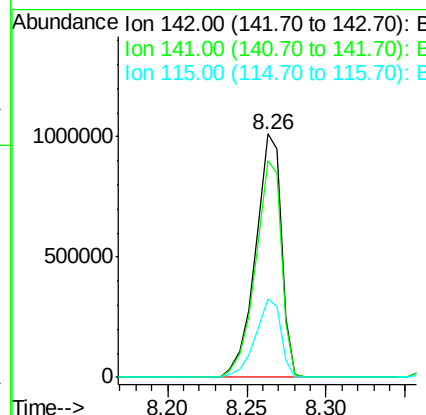
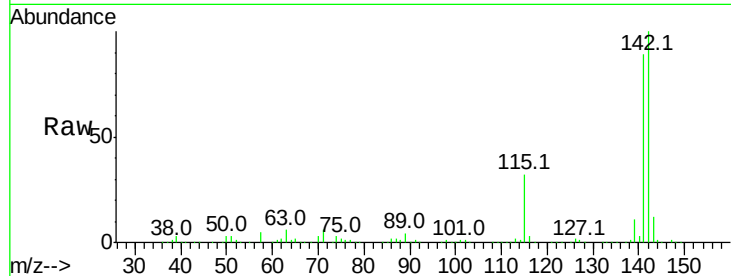
#37
2-Methylnaphthalene
Concen: 40.47 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	32.2	27.1	40.7

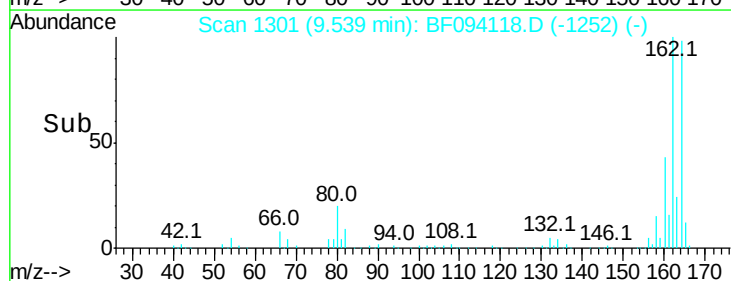
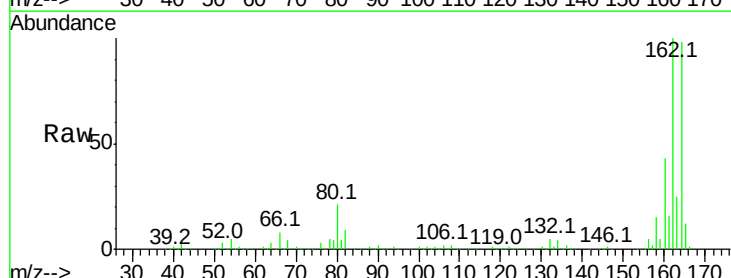
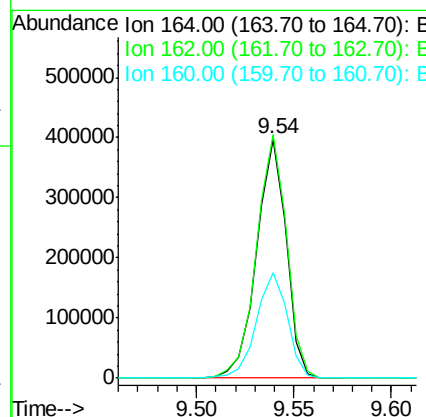
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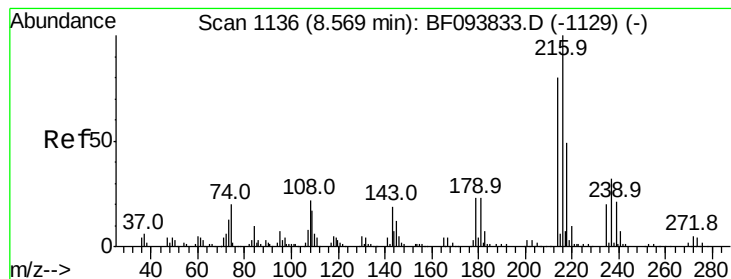
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	44.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.96 ng

RT: 8.47 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

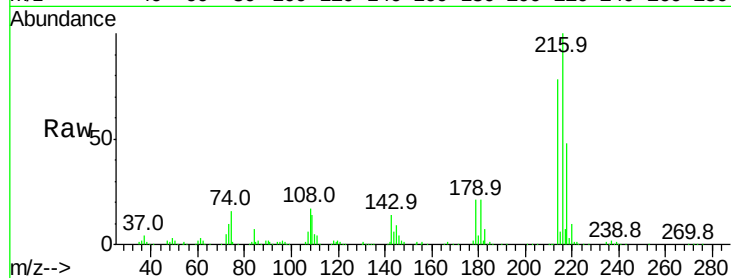
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	456340		
214	79.3	63.4	95.2	
179	22.3	17.9	26.9	
108	20.2	16.5	24.7	

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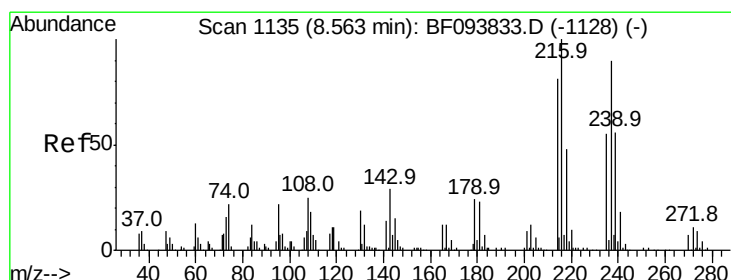
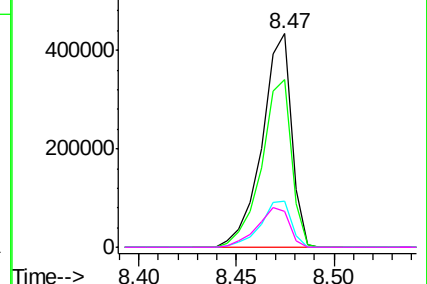
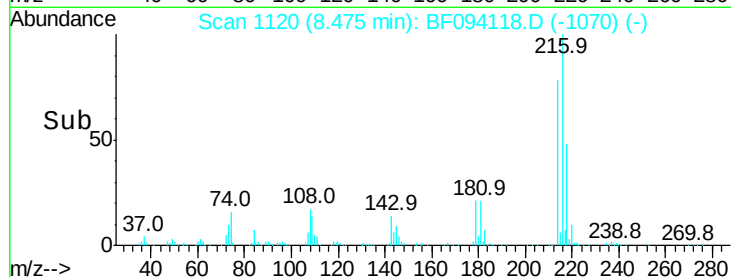


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.89 ng

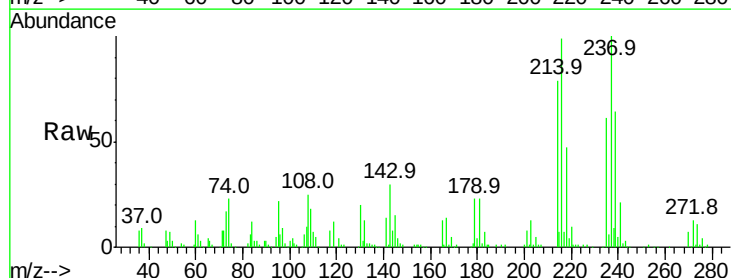
RT: 8.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

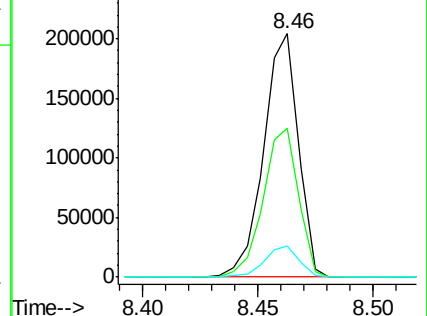
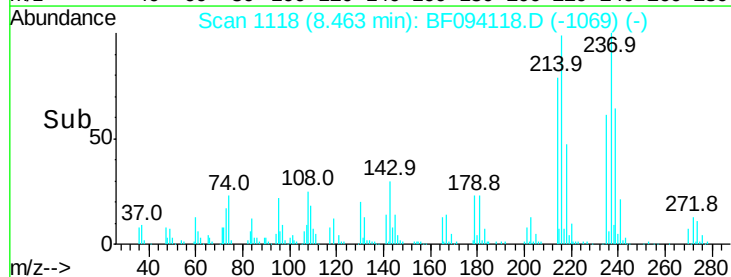
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	213151		
235	61.4	42.6	82.6	
272	12.9	0.0	31.9	

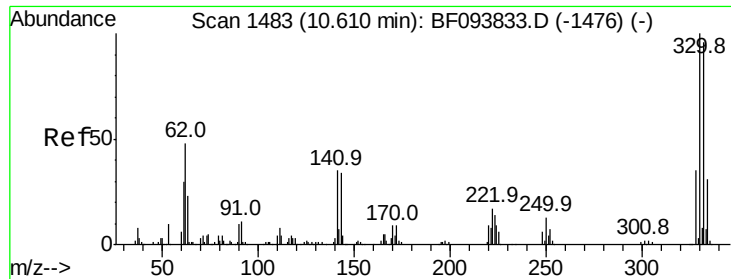


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





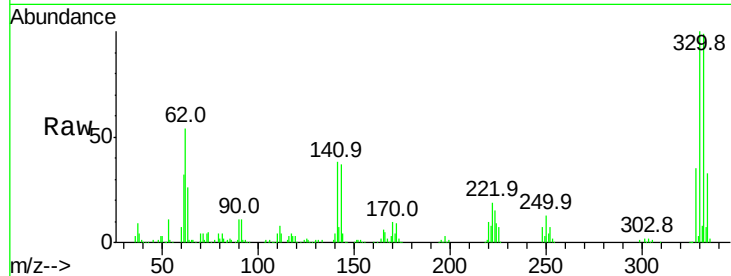
#41
 2,4,6-Tribromophenol
 Concen: 85.34 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

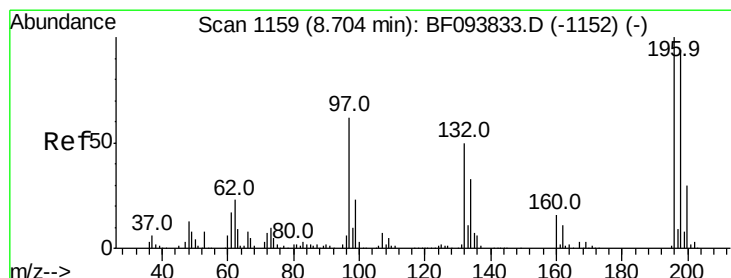
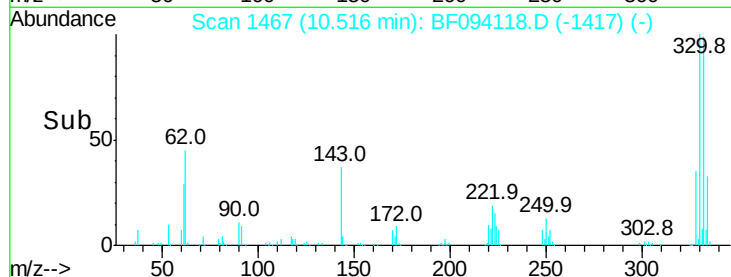
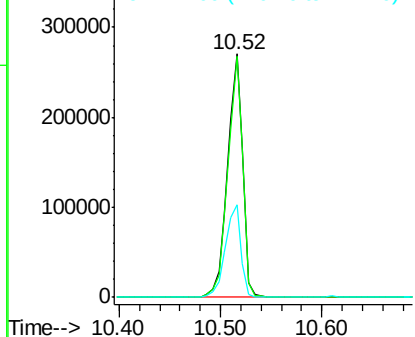
Tot Ion	Ratio	Resp	Lower	Upper
330	100	281497		
332	97.3	76.6	115.0	
141	39.0	31.4	47.2	

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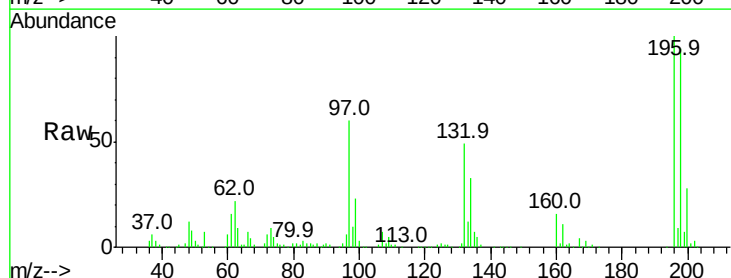


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

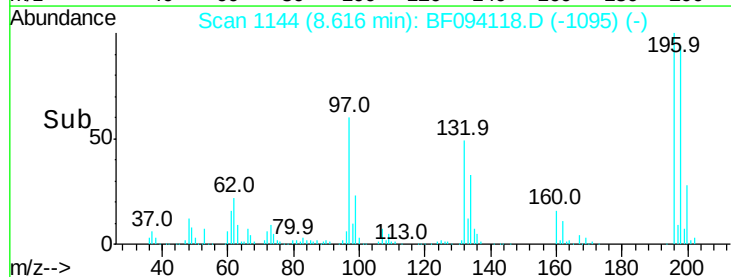
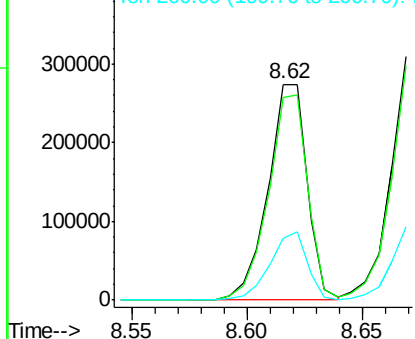


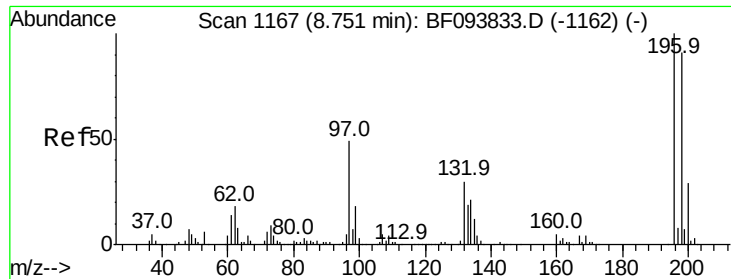
#42
 2,4,6-Trichlorophenol
 Concen: 39.96 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322814		
198	94.0	74.2	111.4	
200	28.4	24.0	36.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





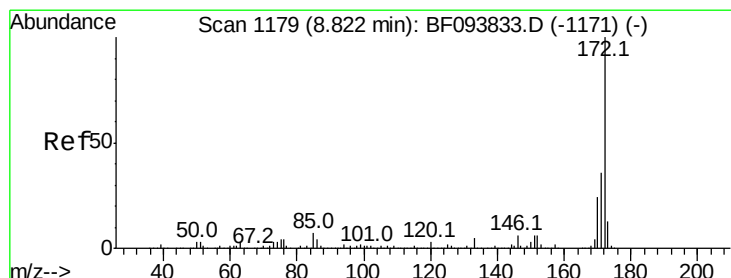
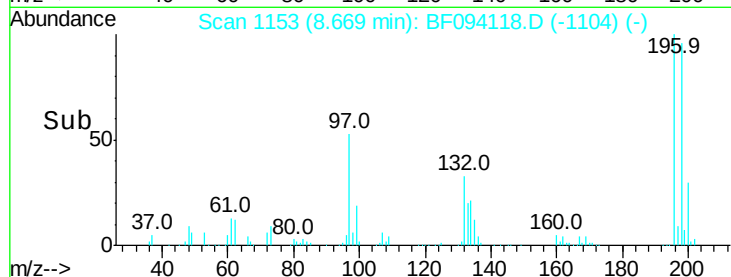
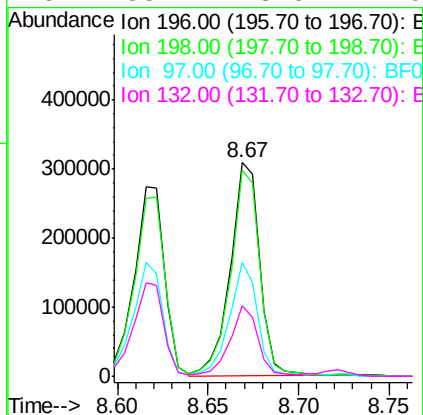
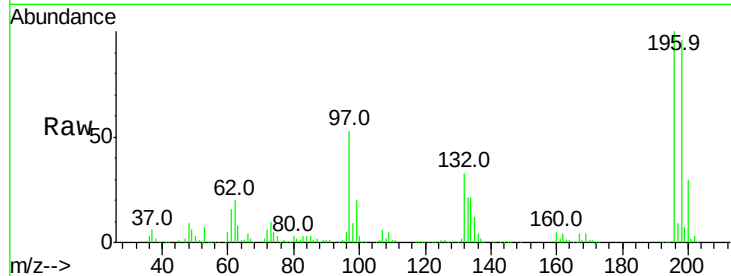
#43
 2,4,5-Trichlorophenol
 Concen: 39.85 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	348367
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.7	113.5
97	53.3	47.7	71.5
132	33.2	28.0	42.0

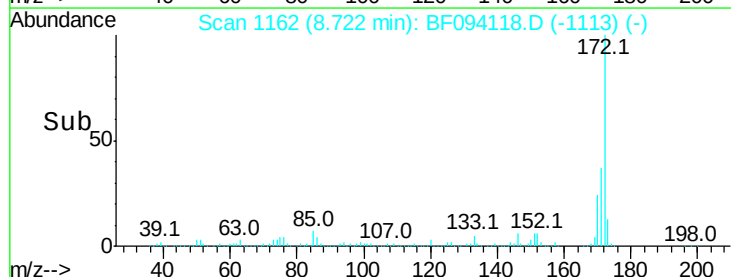
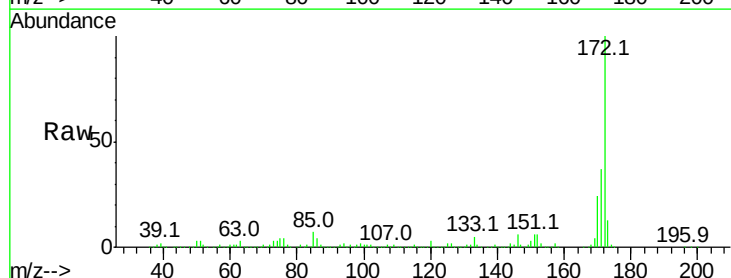
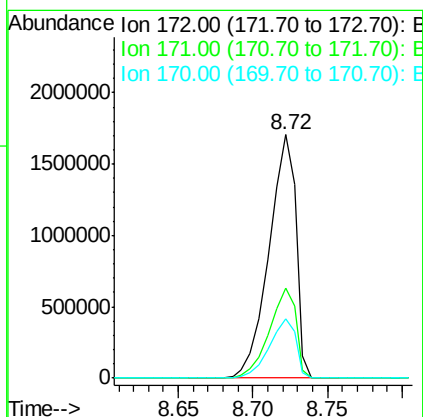
Manual Integrations
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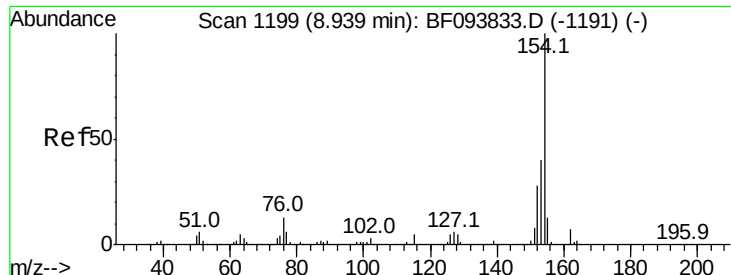
mohammad
 4/4/2017 5:33:51 PM



#44
 2-Fluorobiphenyl
 Concen: 78.09 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion	172	Resp	2137127
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.6	44.4
170	24.2	19.8	29.8





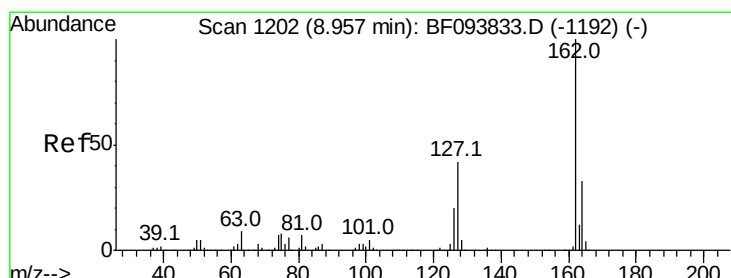
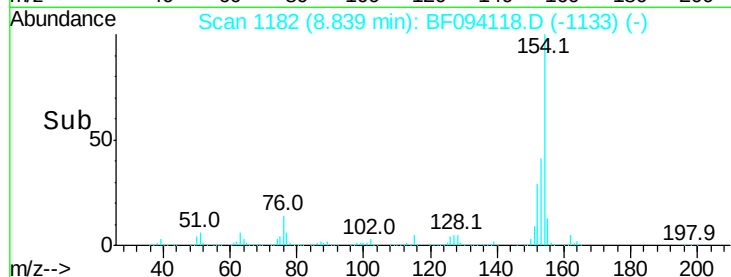
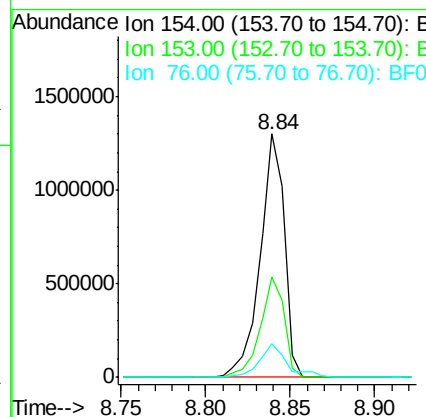
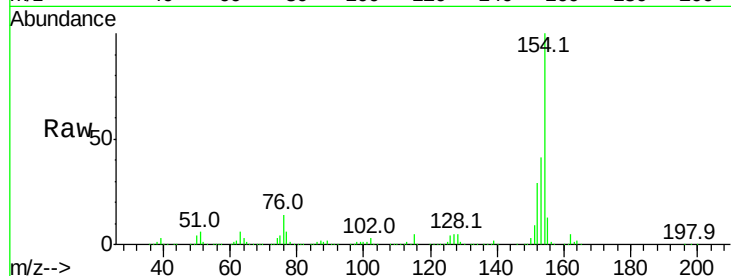
#45
1,1'-Biphenyl
Concen: 38.54 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	13.6	0.0	29.9

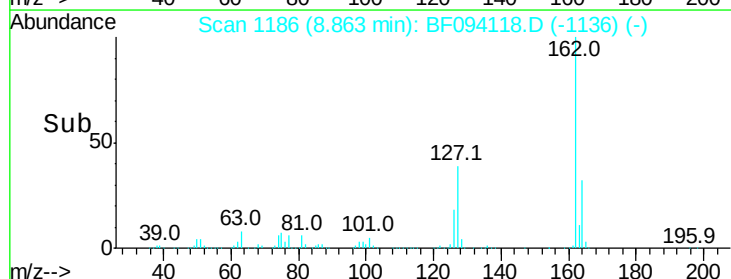
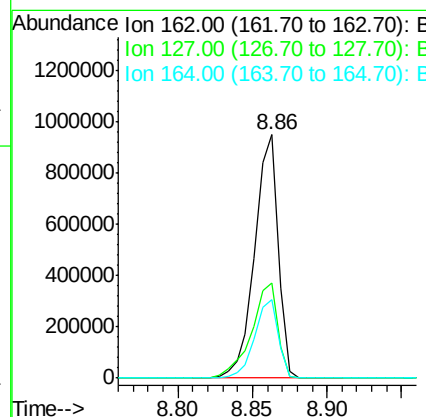
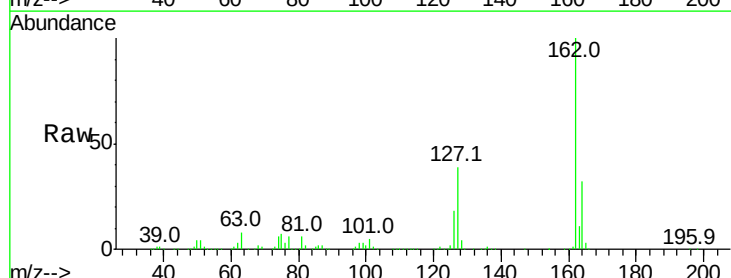
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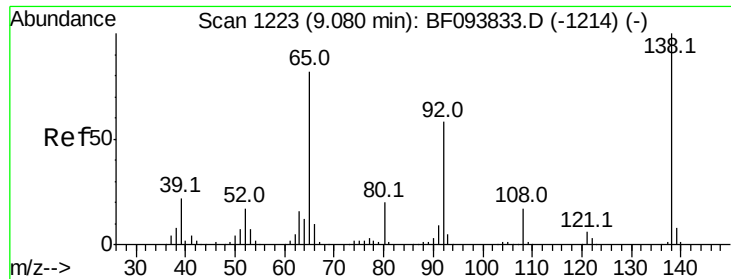
mohammad
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#46
2-Chloronaphthalene
Concen: 39.00 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	28.3	42.5
164	32.4	27.0	40.4





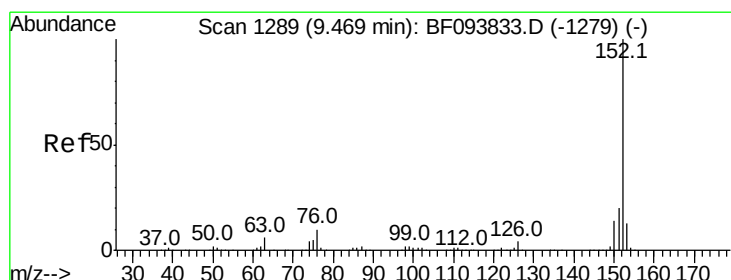
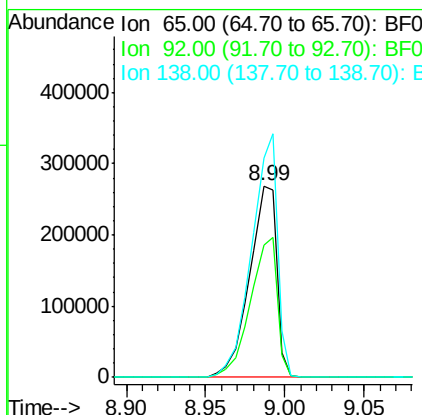
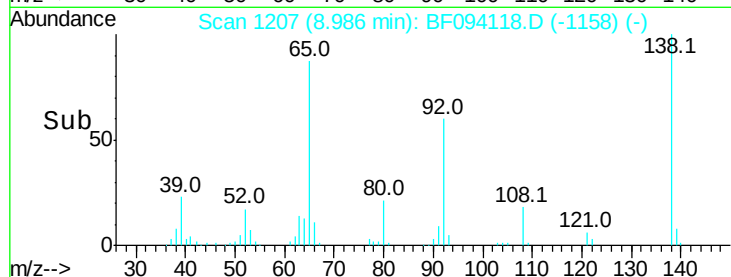
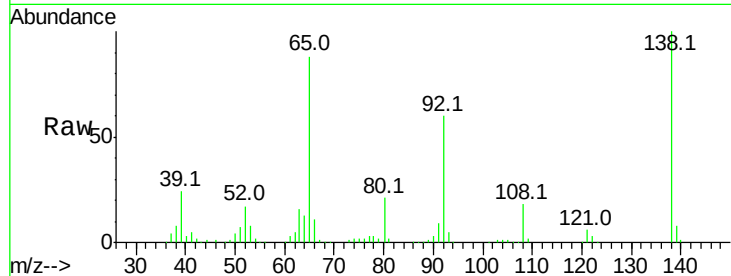
#47
 2-Nitroaniline
 Concen: 41.27 ng
 RT: 8.99 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	65	Resp:	322664
Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.9	80.9
138	114.3	78.8	118.2

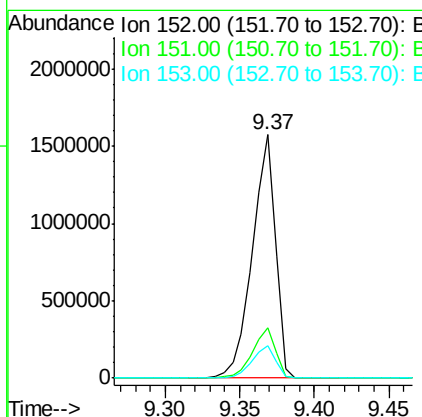
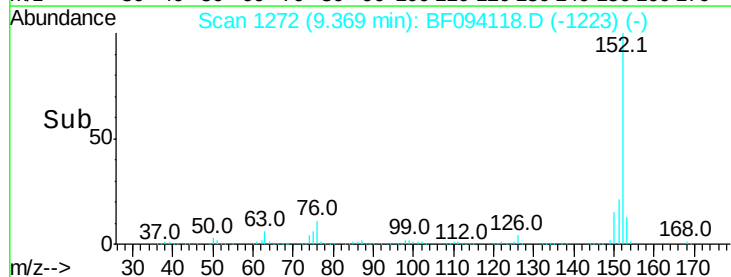
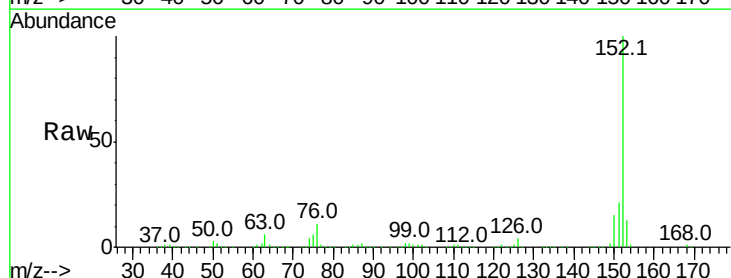
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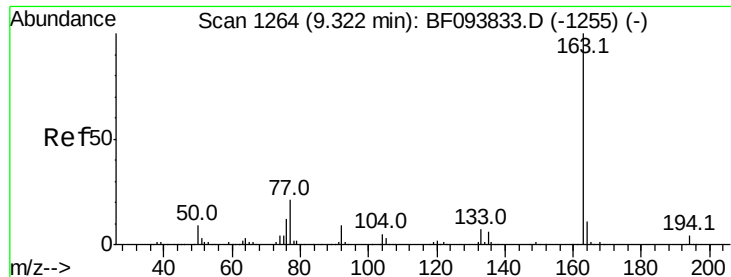
mohammad
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#48
 Acenaphthylene
 Concen: 38.28 ng
 RT: 9.37 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion:	152	Resp:	1676826
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.8	16.2





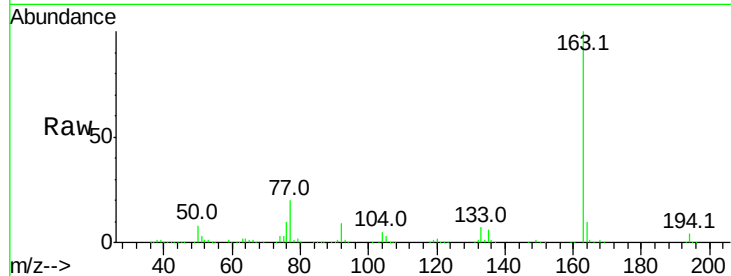
#49
Dimethylphthalate
Concen: 40.72 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

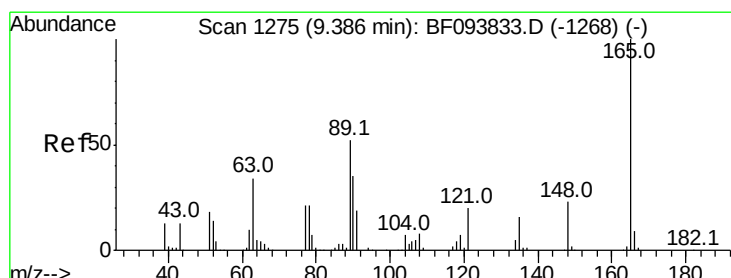
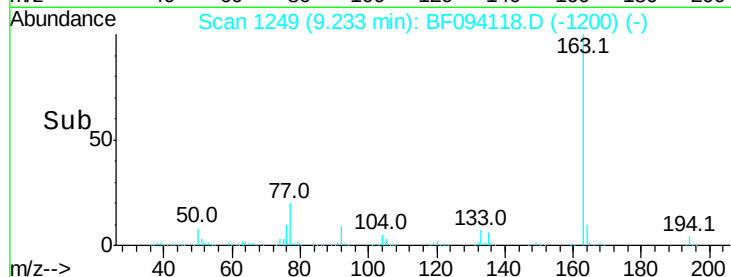
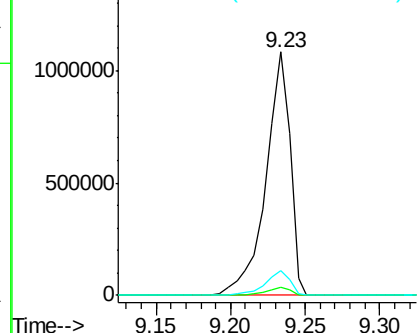
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6

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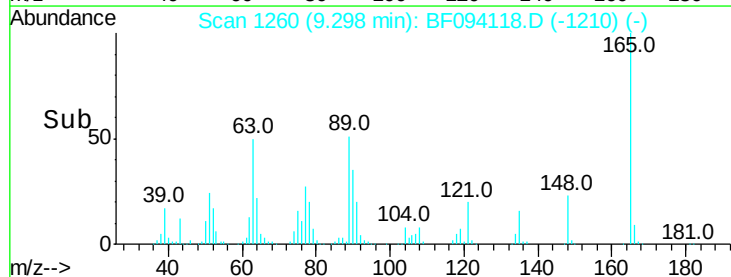
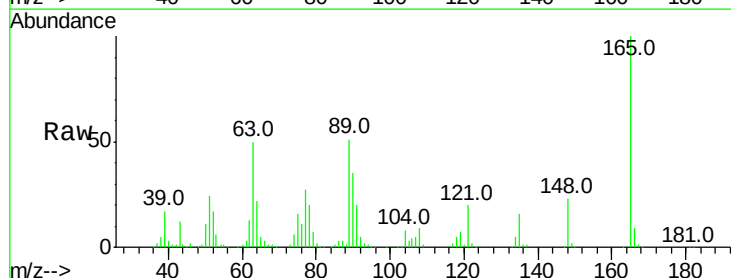
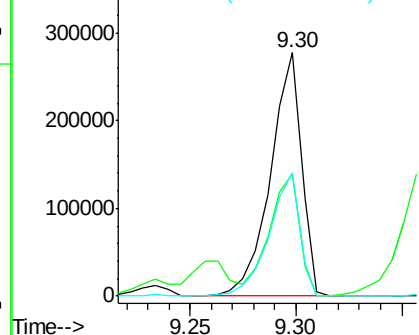
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

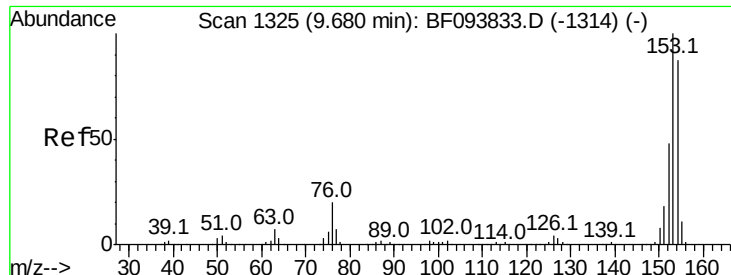


#50
2,6-Dinitrotoluene
Concen: 41.76 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.2	34.3	51.5
89	50.8	37.1	55.7

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





#51

Acenaphthene

Concen: 38.39 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

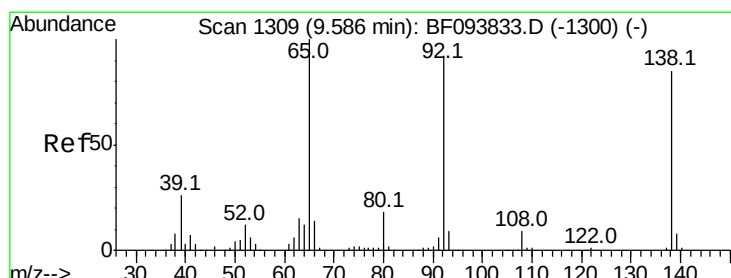
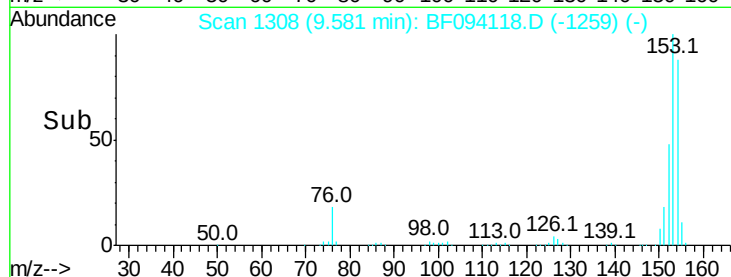
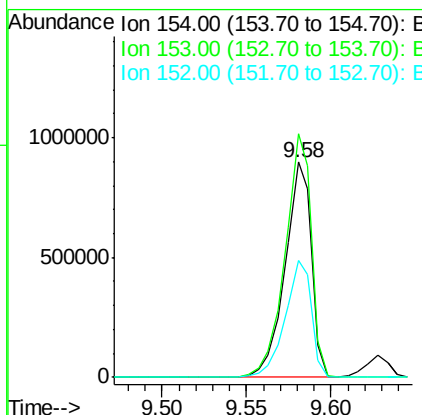
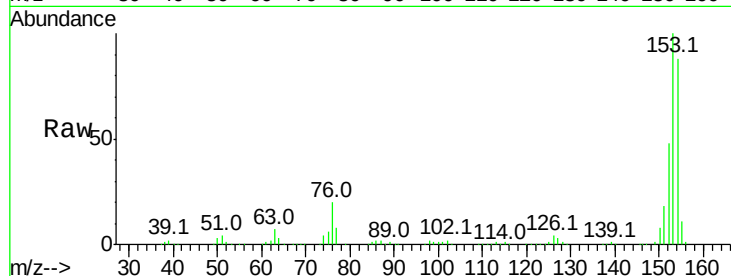
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	981222
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.5	135.7
152	54.1	43.6	65.4

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#52

3-Nitroaniline

Concen: 41.17 ng

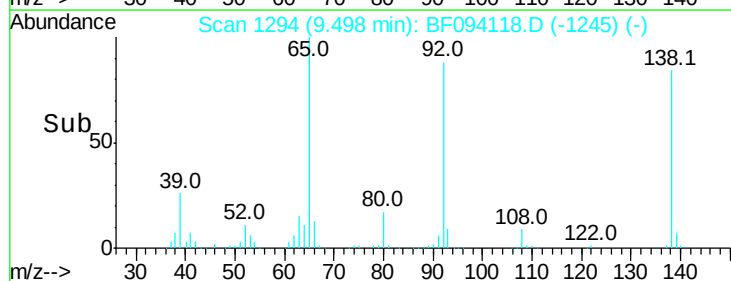
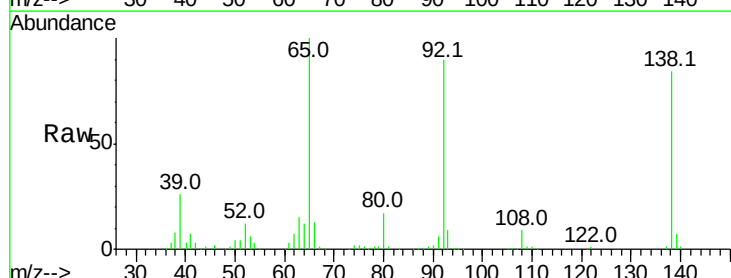
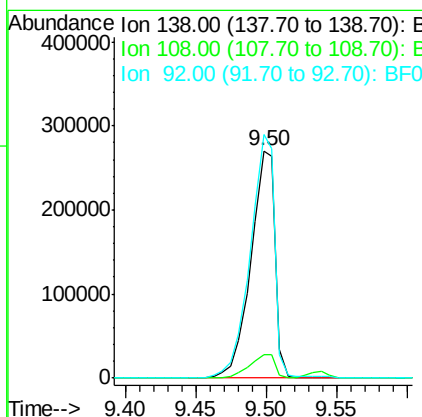
RT: 9.50 min Scan# 1294

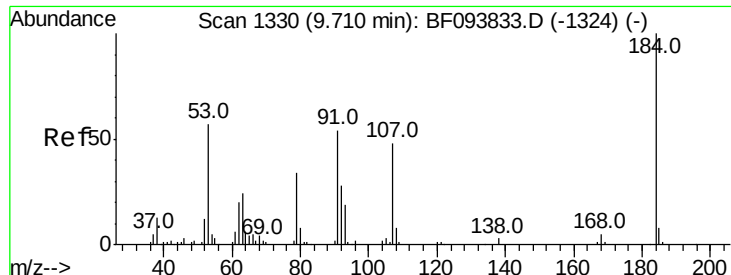
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:	138	Resp:	328808
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.1	13.7
92	107.1	93.8	140.6





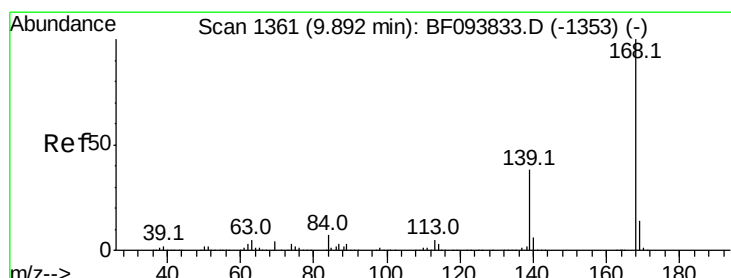
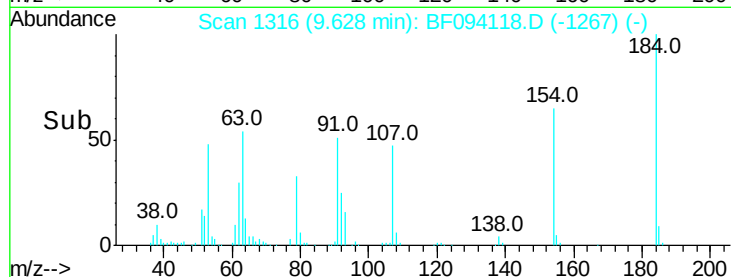
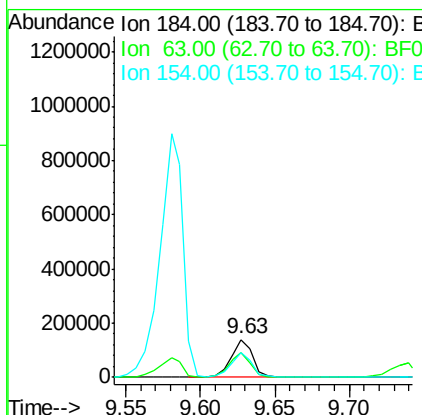
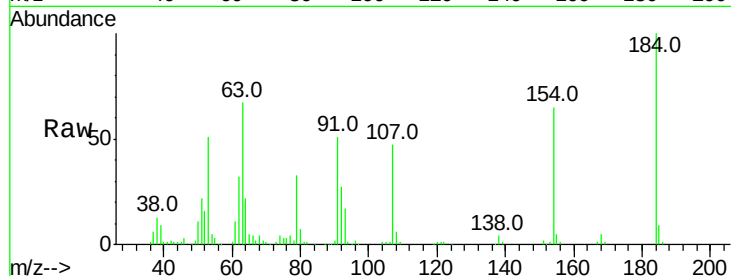
#53
 2,4-Dinitrophenol
 Concen: 42.66 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.0	62.7	94.1
154	64.8	81.1	121.7#

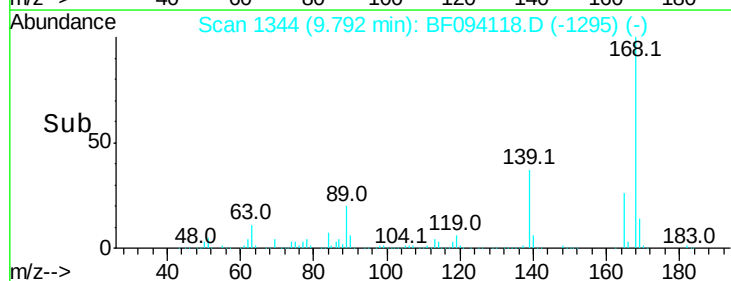
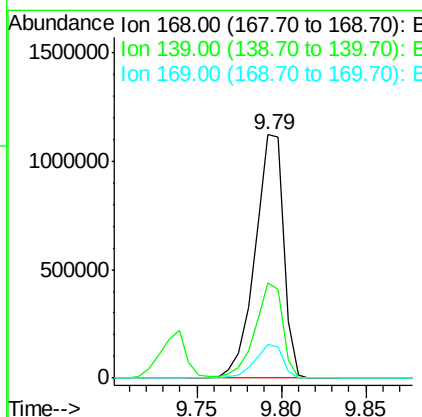
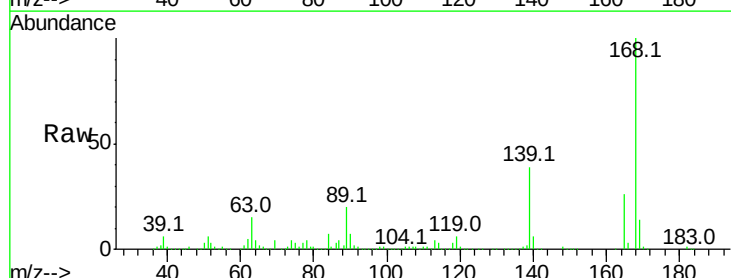
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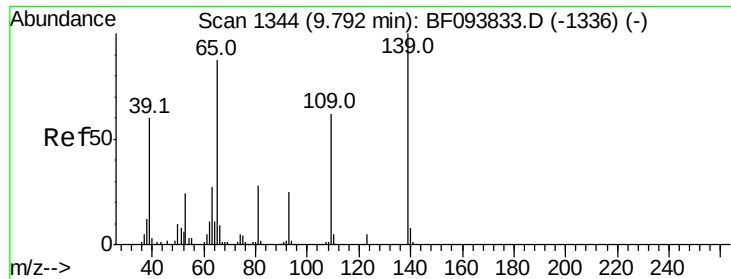
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#54
 Dibenzofuran
 Concen: 37.86 ng
 RT: 9.79 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.6	45.8
169	13.9	10.8	16.2





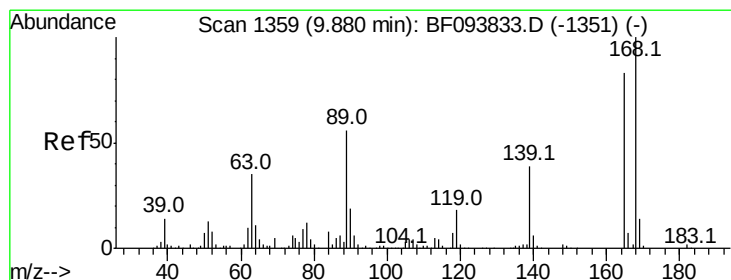
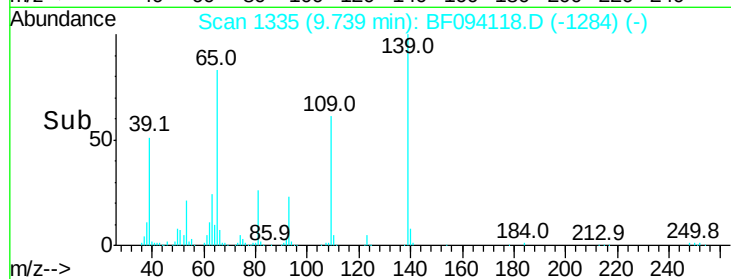
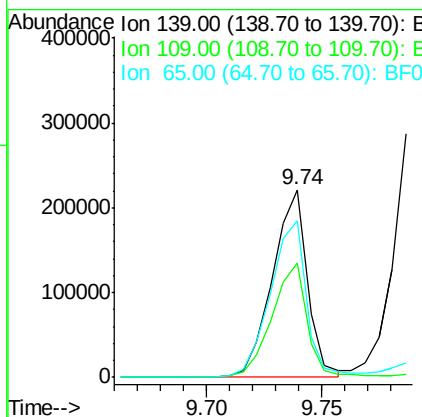
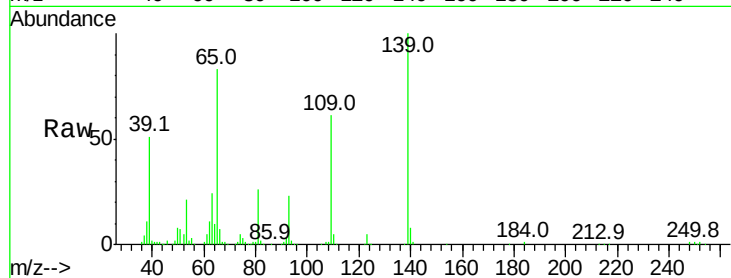
#55
4-Nitrophenol
Concen: 37.05 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.0	34.1	74.1	
65	83.3	31.4	71.4	

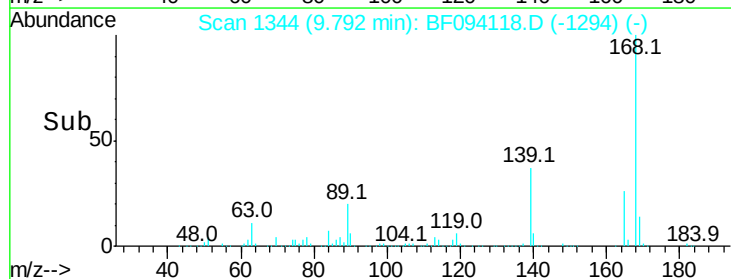
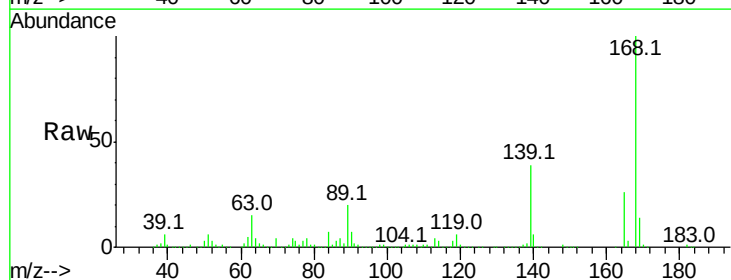
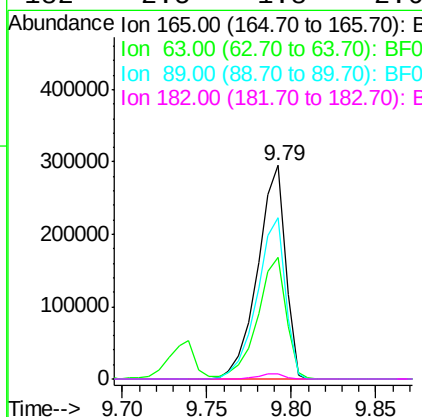
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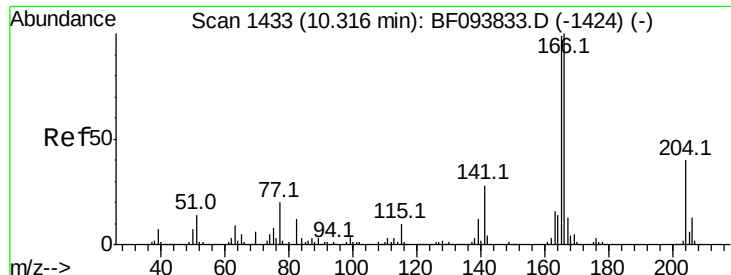
mohammad
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#56
2,4-Dinitrotoluene
Concen: 39.52 ng
RT: 9.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.0	25.4	38.0	
89	75.8	46.4	69.6	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 37.20 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1073486

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

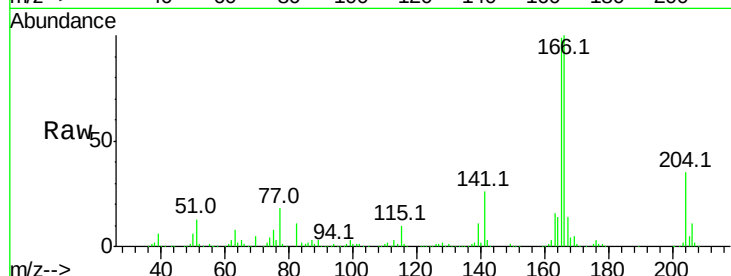
167 13.6 10.6 16.0

Manual Integrations

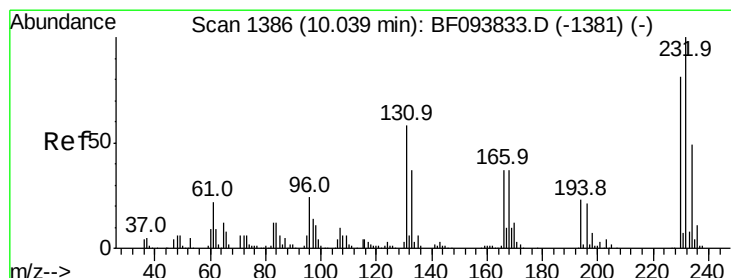
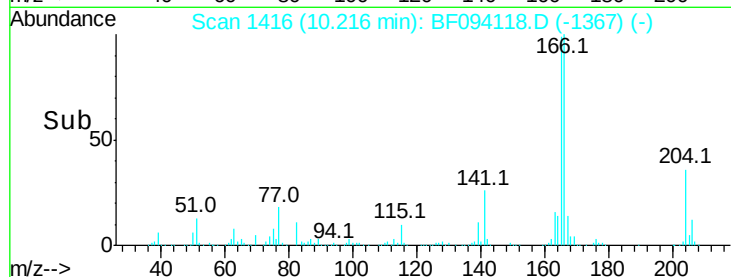
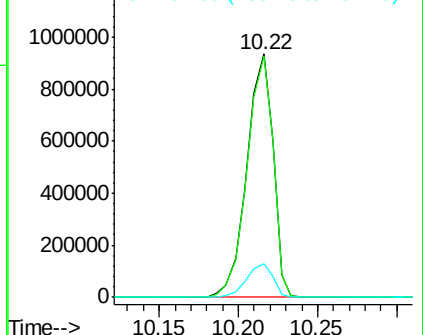
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.56 ng

RT: 9.95 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:232 Resp: 237297

Ion Ratio Lower Upper

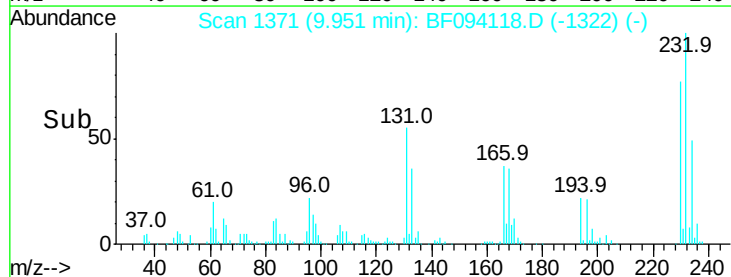
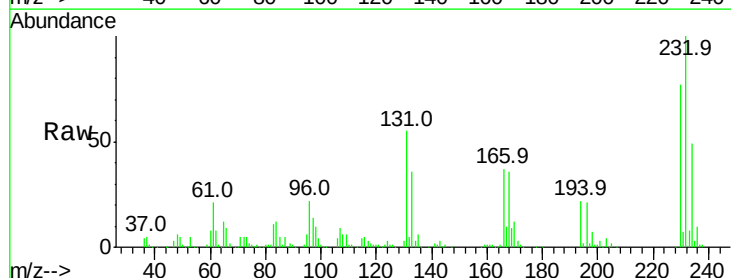
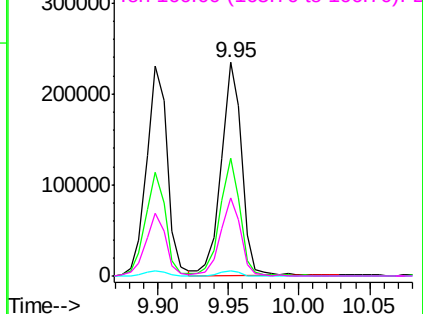
232 100

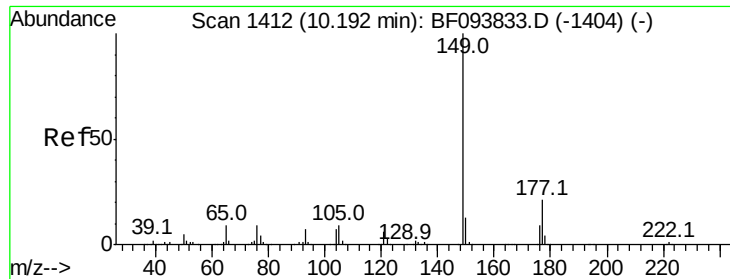
131 55.4 44.8 67.2

130 2.5 2.3 3.5

166 36.0 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





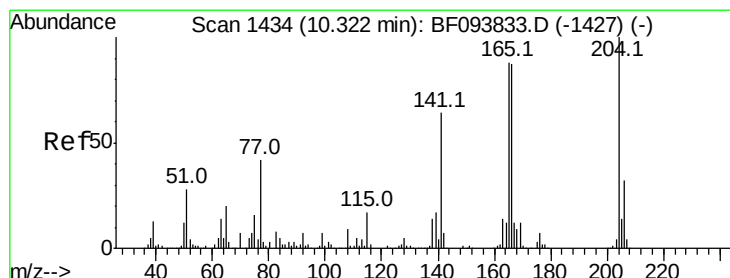
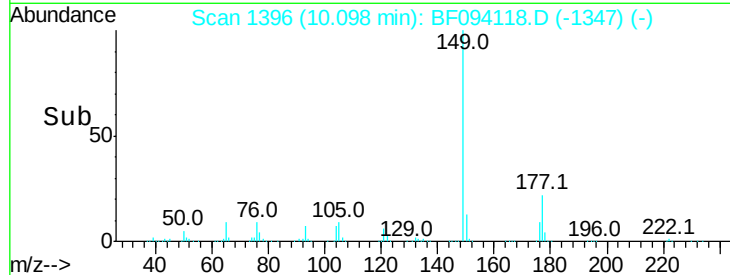
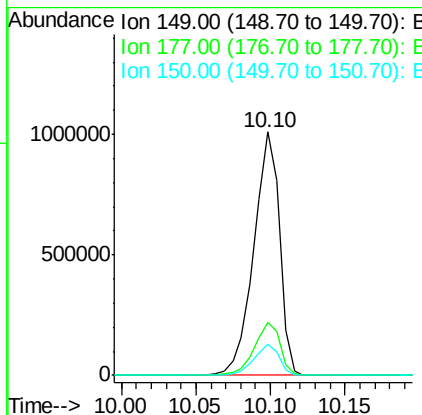
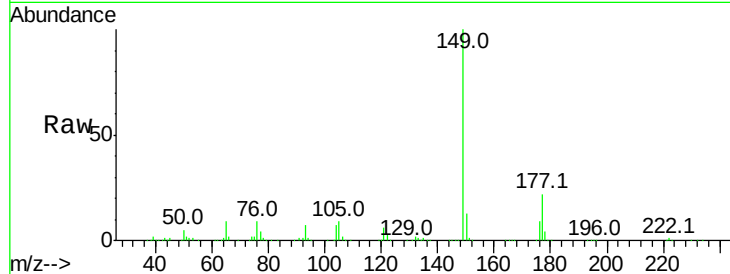
#59
 Diethylphthalate
 Concen: 40.63 ng
 RT: 10.10 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	149	Resp:	1191465
Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.8	10.2	15.2

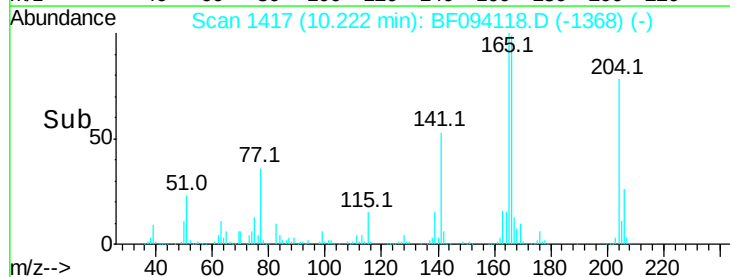
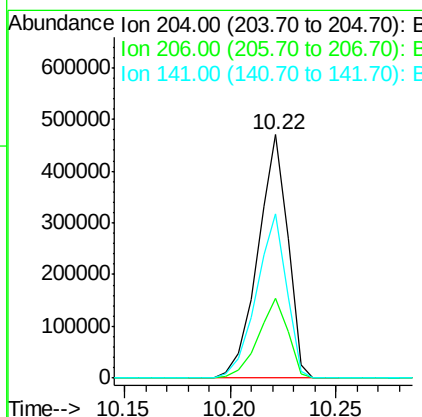
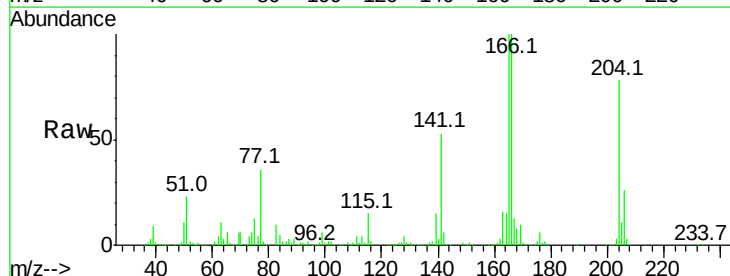
Manual Integrations
 APPROVED

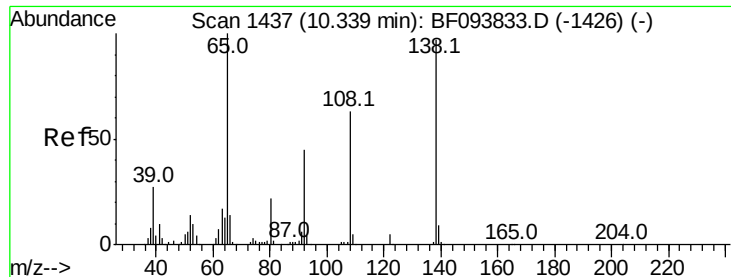
mohammad
 4/4/2017 5:33:51 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 37.64 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion:	204	Resp:	462656
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	67.7	60.8	91.2





#61

4-Nitroaniline

Concen: 43.78 ng

RT: 10.26 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 335589

Ion Ratio Lower Upper

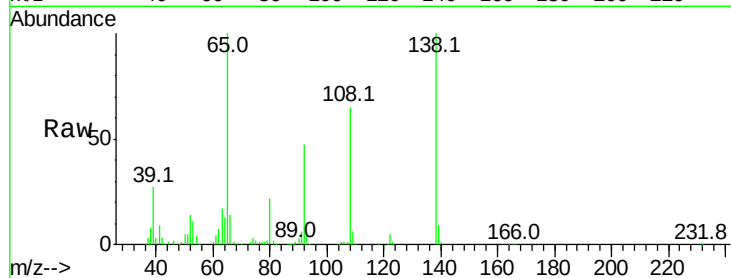
138 100

92 46.7 21.8 61.8

108 65.0 42.3 82.3

Manual Integrations
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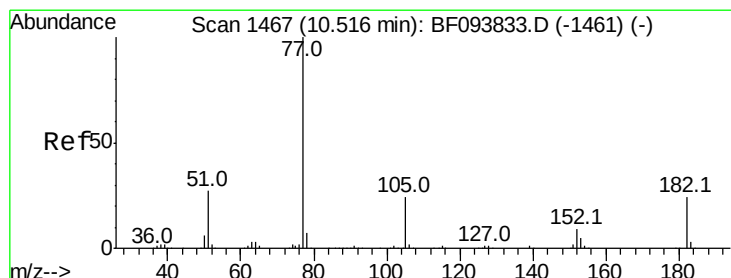
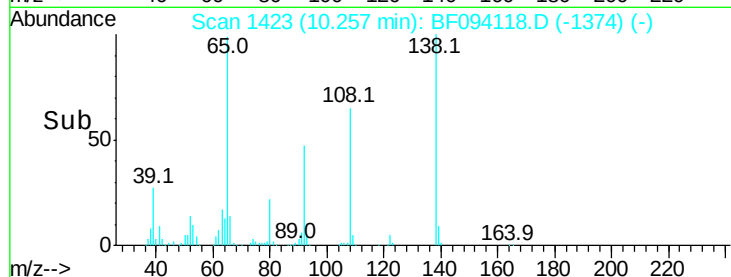
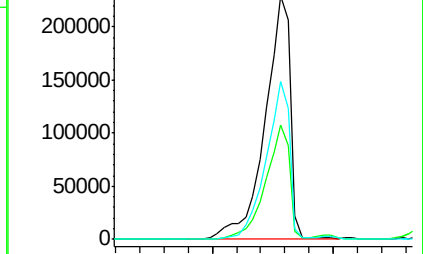
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.56 ng

RT: 10.42 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion: 77 Resp: 1069695

Ion Ratio Lower Upper

77 100

182 23.7 0.1 40.1

105 23.4 3.6 43.6

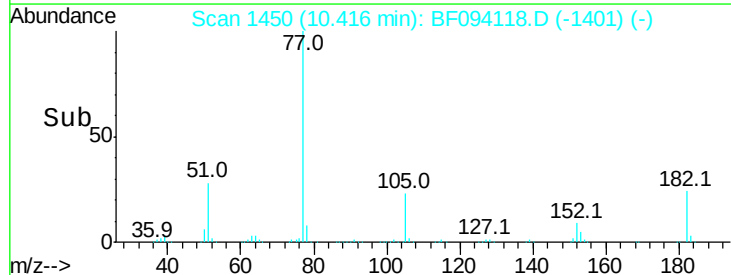
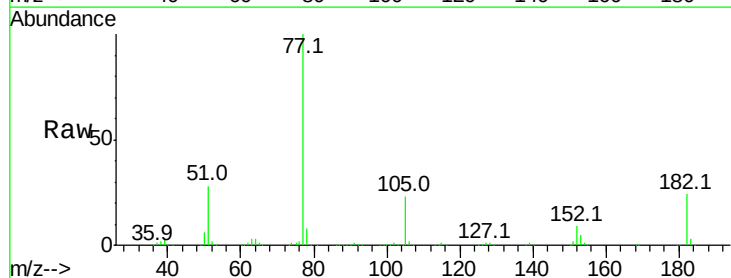
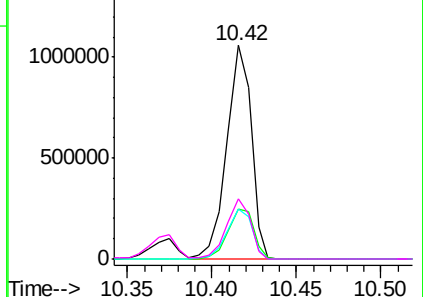
51 28.3 9.4 49.4

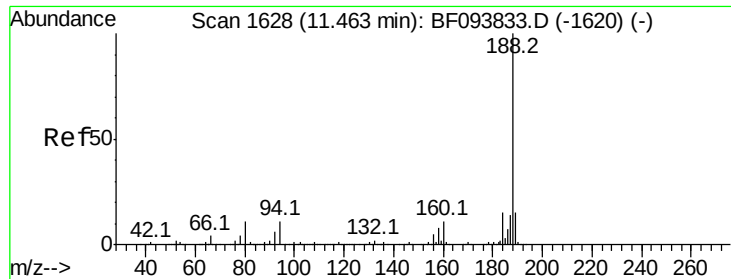
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





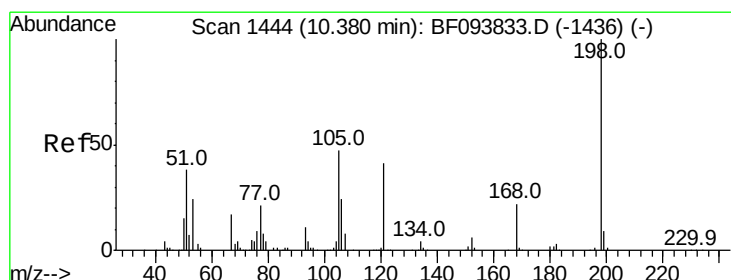
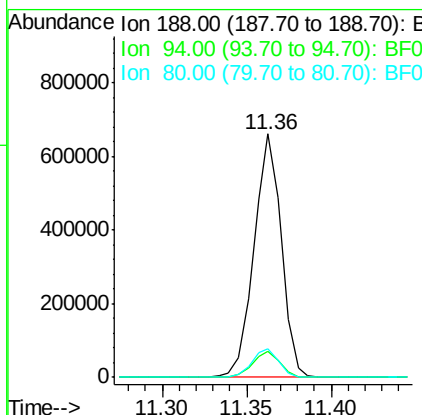
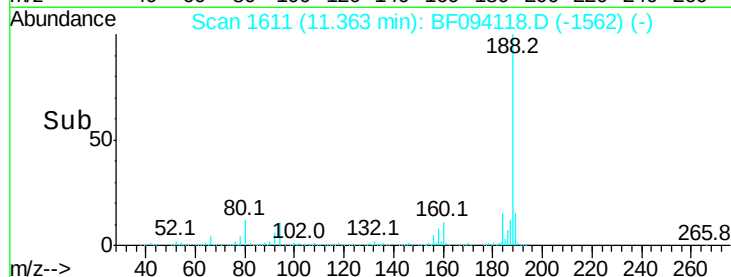
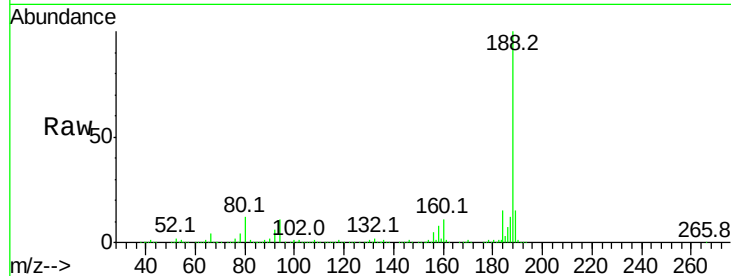
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	744337		
94	10.6		9.4	14.2
80	11.5		10.2	15.2

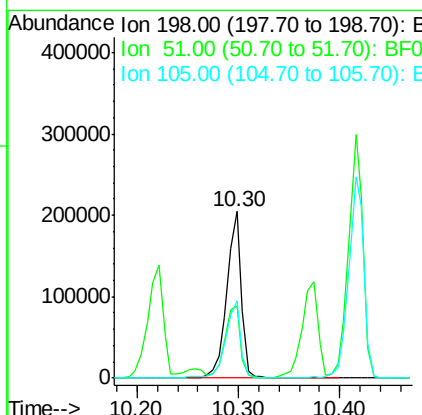
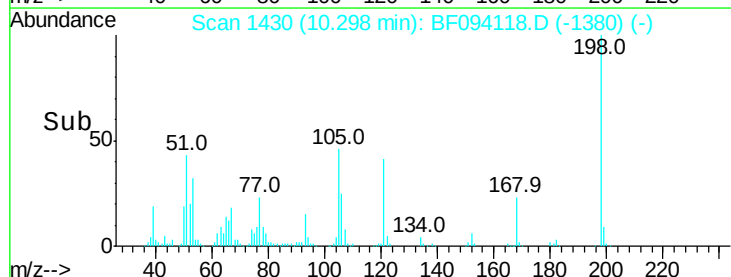
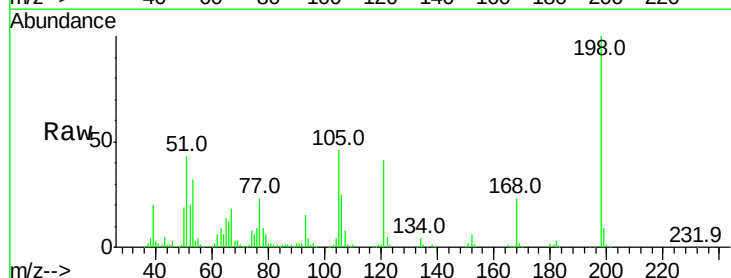
Manual Integrations
APPROVED

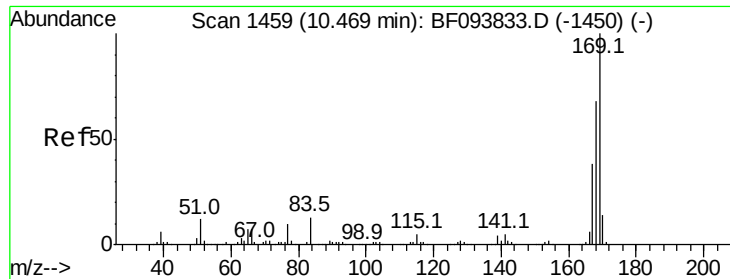
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.06 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	205396		
51	43.3		53.2	93.2#
105	46.4		45.8	85.8





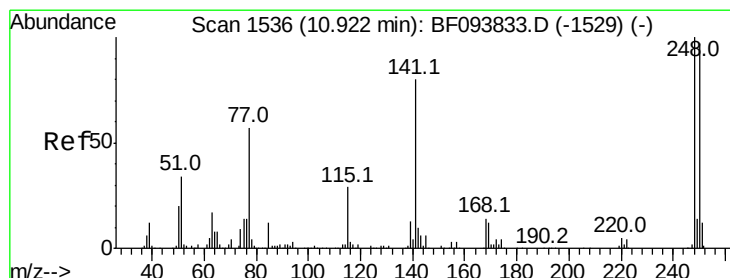
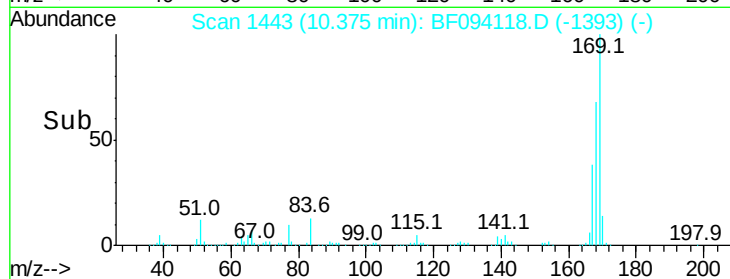
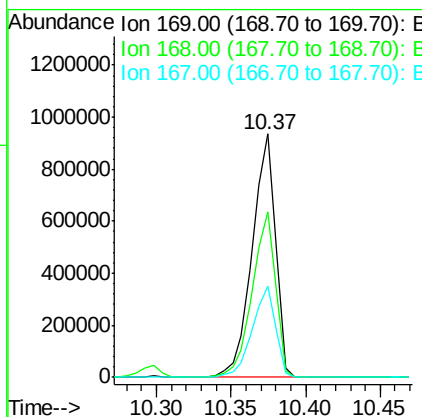
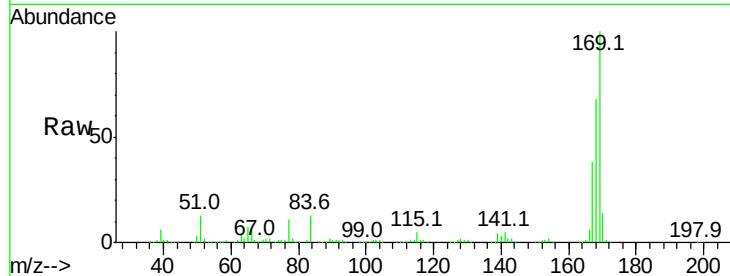
#65
 n-Nitrosodiphenylamine
 Concen: 39.07 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.2	79.8
167	37.5	29.5	44.3

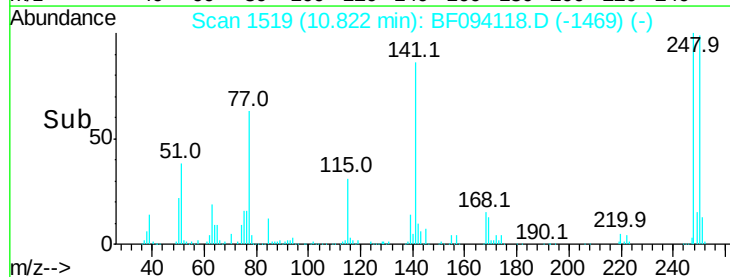
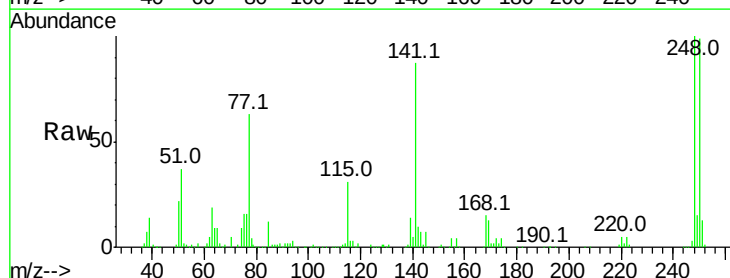
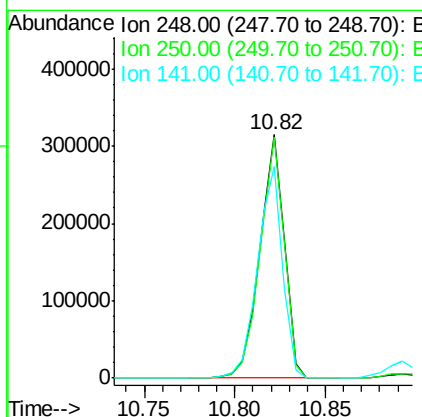
Manual Integrations
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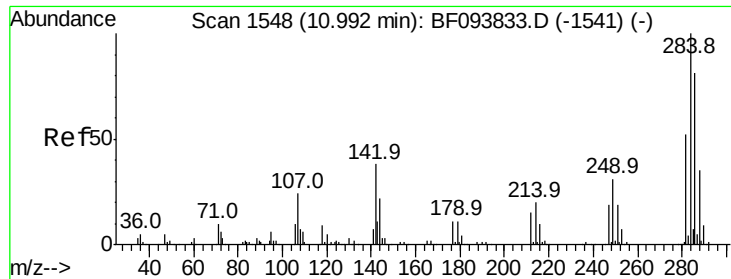
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 40.56 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.8	115.2
141	87.1	68.6	103.0





#67

Hexachlorobenzene

Concen: 41.10 ng

RT: 10.89 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

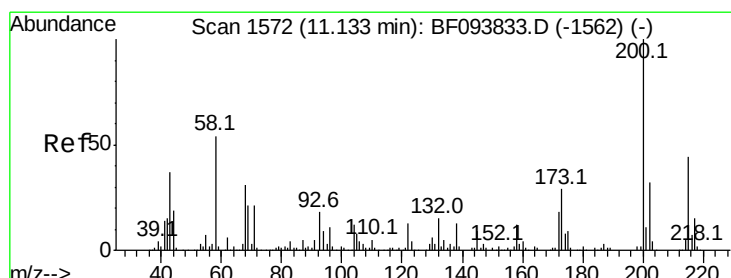
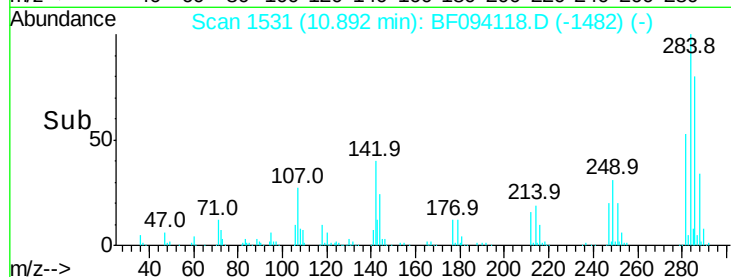
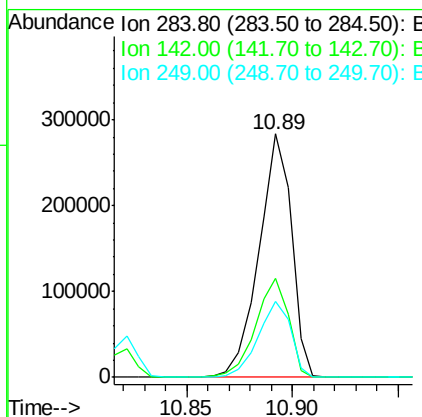
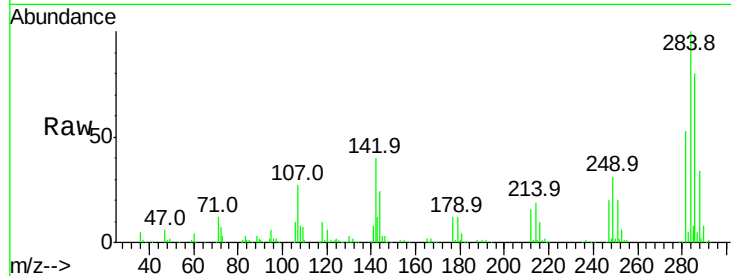
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	304583
Ion Ratio	Lower	Upper	
284	100		
142	40.5	22.8	34.2#
249	31.1	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 41.30 ng

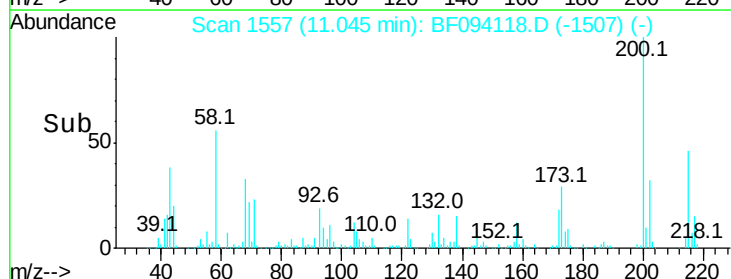
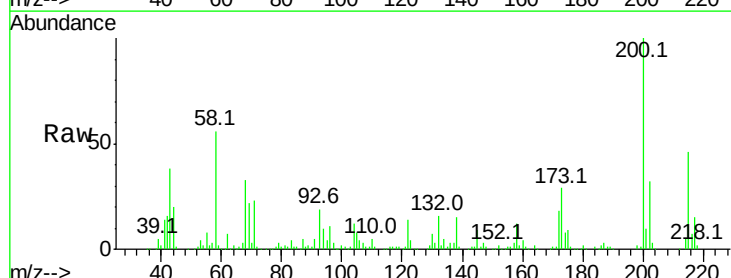
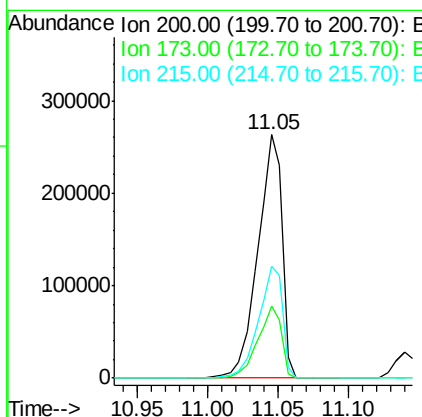
RT: 11.05 min Scan# 1557

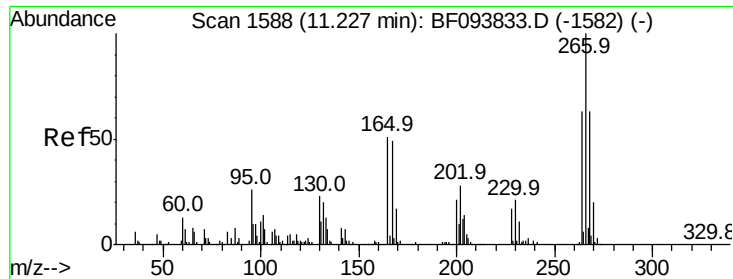
Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:	200	Resp:	318445
Ion Ratio	Lower	Upper	
200	100		
173	29.4	6.3	46.3
215	45.7	27.2	67.2





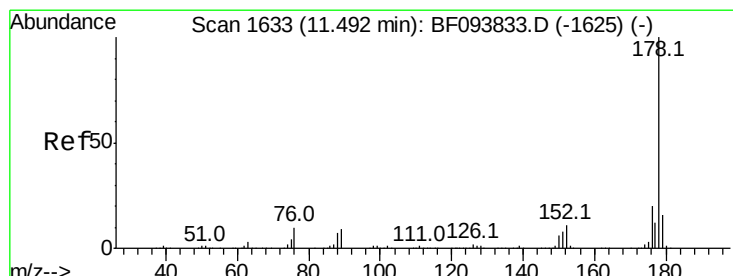
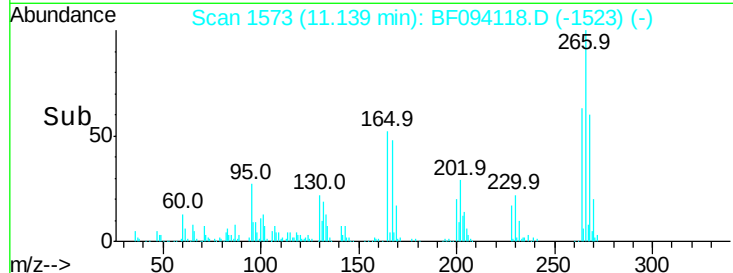
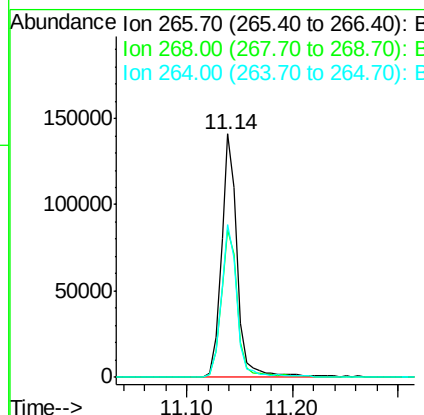
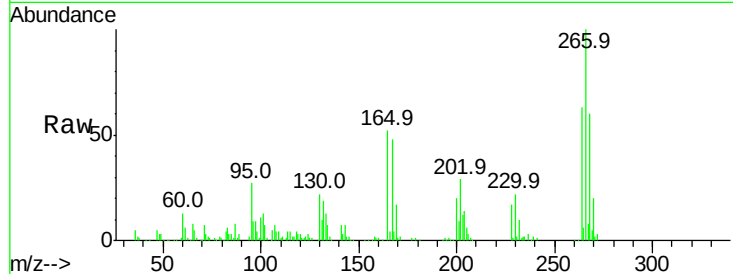
#69
 Pentachlorophenol
 Concen: 32.42 ng
 RT: 11.14 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	149517		
268	60.4	51.1	76.7	
264	62.8	51.7	77.5	

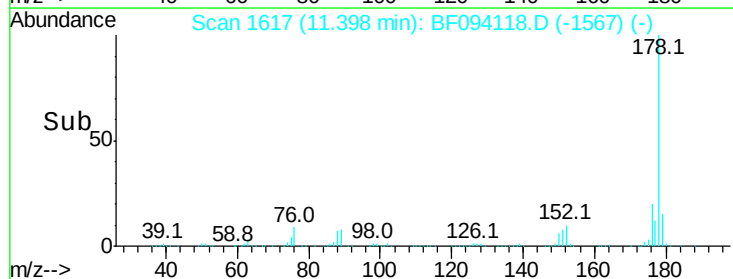
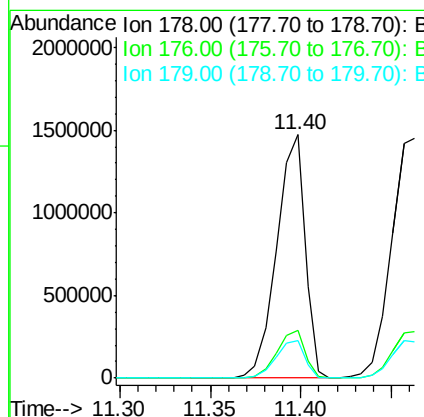
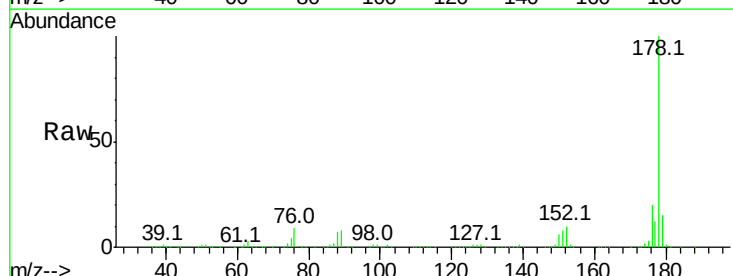
Manual Integrations
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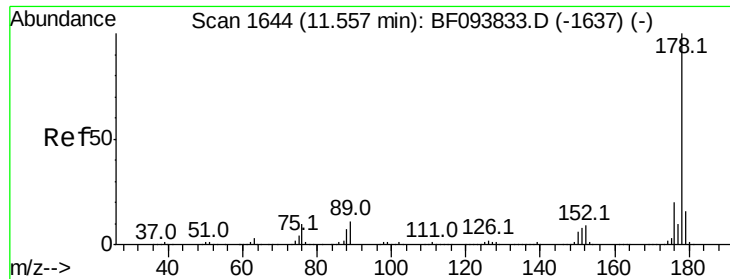
mohammad
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#70
 Phenanthrene
 Concen: 38.79 ng
 RT: 11.40 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1605939		
176	19.5	16.2	24.4	
179	15.4	12.6	19.0	





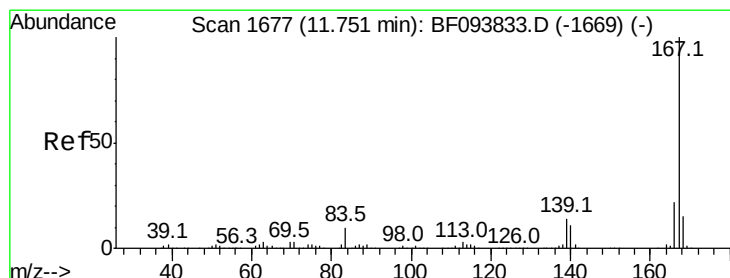
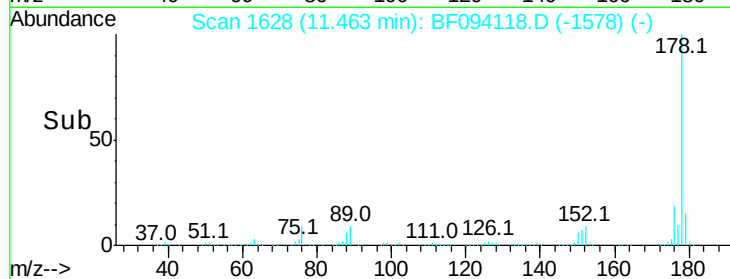
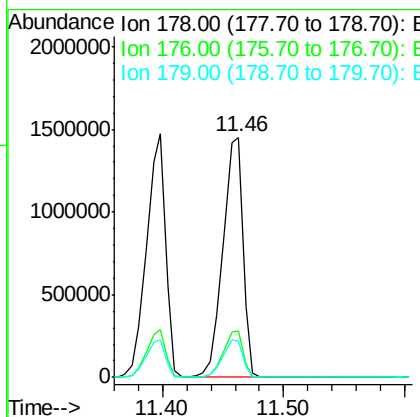
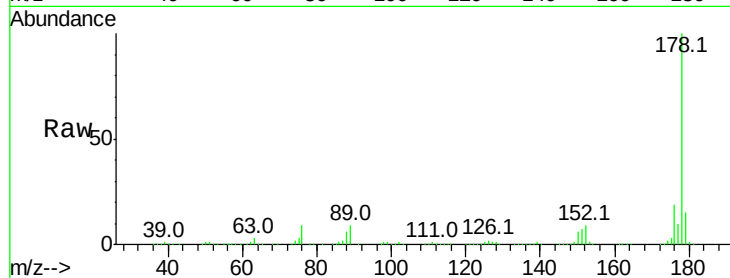
#71
 Anthracene
 Concen: 39.00 ng
 RT: 11.46 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1662528
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.3 12.7 19.1

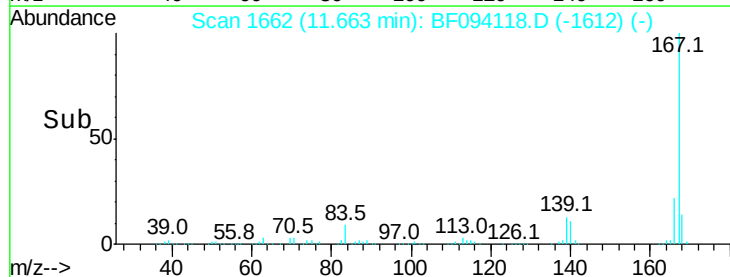
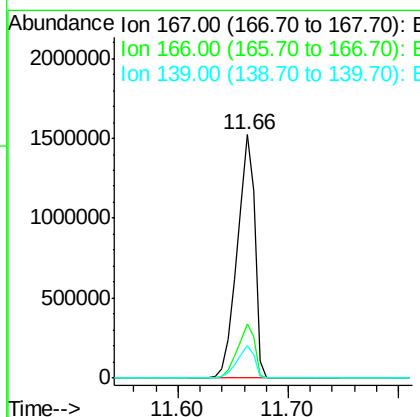
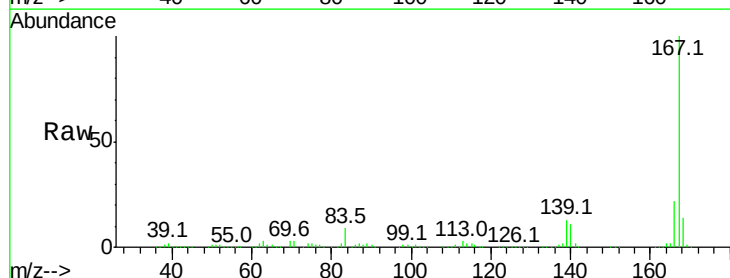
Manual Integrations
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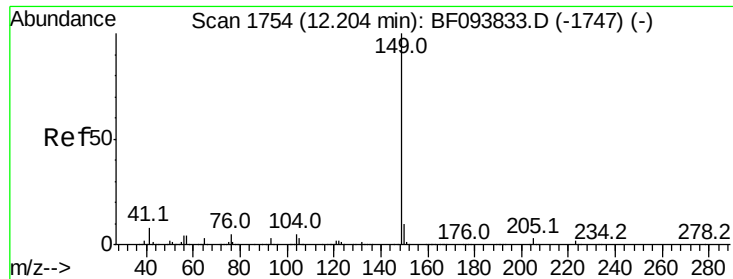
mohammad
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#72
 Carbazole
 Concen: 39.04 ng
 RT: 11.66 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion:167 Resp: 1706709
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.18 ng

RT: 12.11 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1872127

Ion Ratio Lower Upper

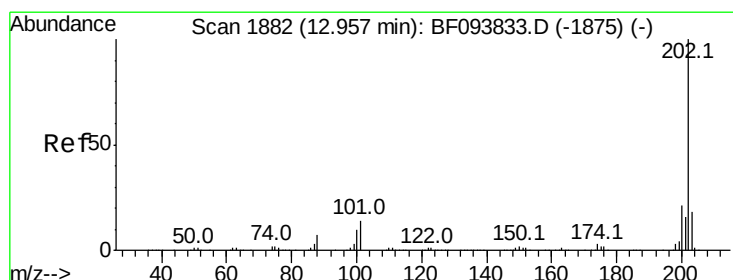
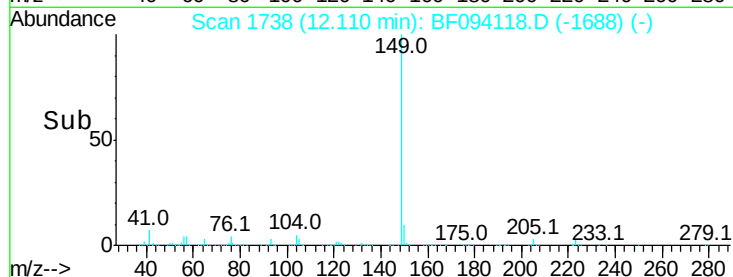
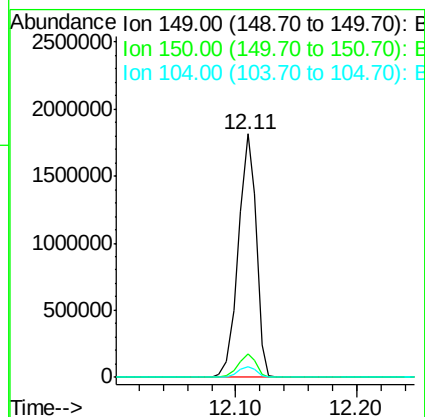
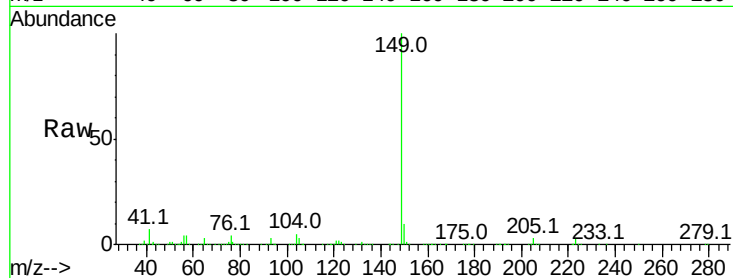
149 100

150 9.7 7.7 11.5

104 4.6 4.0 6.0

Manual Integrations
APPROVED

mohammad
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#74

Fluoranthene

Concen: 39.72 ng

RT: 12.86 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

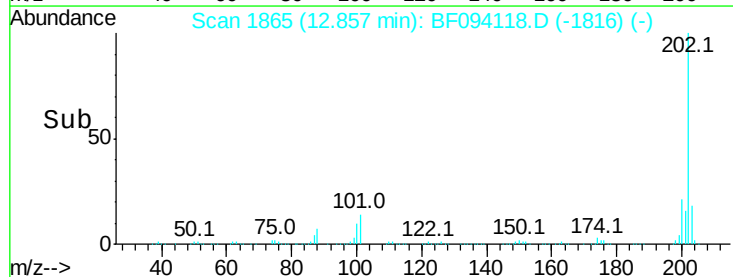
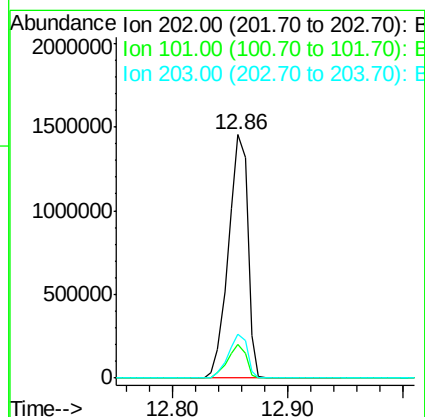
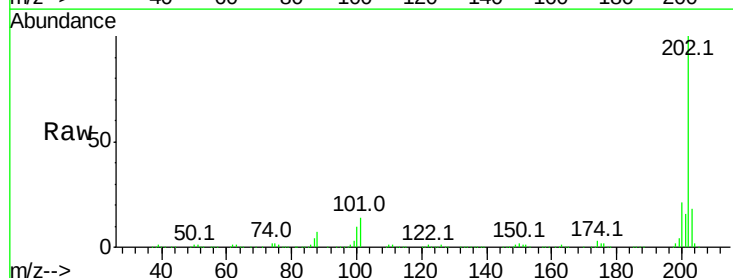
Tgt Ion:202 Resp: 1684102

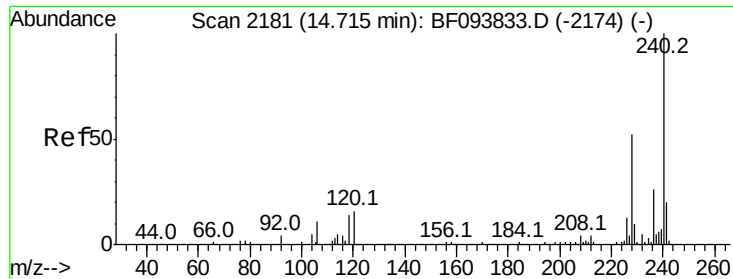
Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 600618

Ion Ratio Lower Upper

240 100

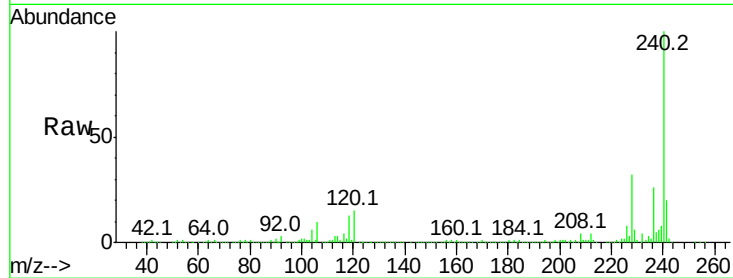
120 14.8 5.8 8.8#

236 25.5 20.5 30.7

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

800000

600000

400000

200000

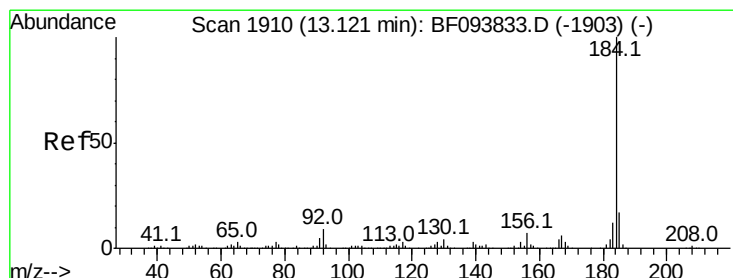
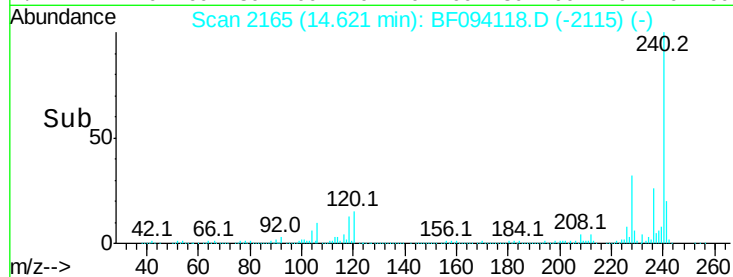
0

14.62

14.60

14.70

Time-->



#76

Benzidine

Concen: 36.37 ng

RT: 13.03 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

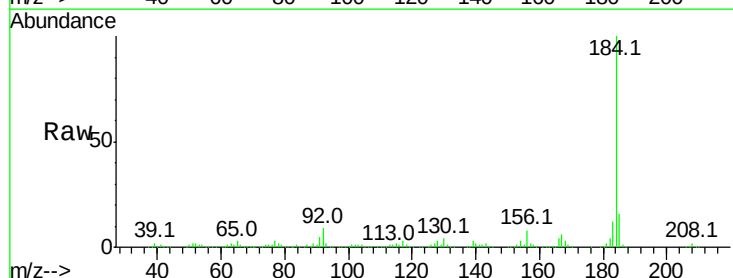
Tgt Ion:184 Resp: 864526

Ion Ratio Lower Upper

184 100

185 15.7 15.5 23.3

183 12.0 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

1000000

800000

600000

400000

200000

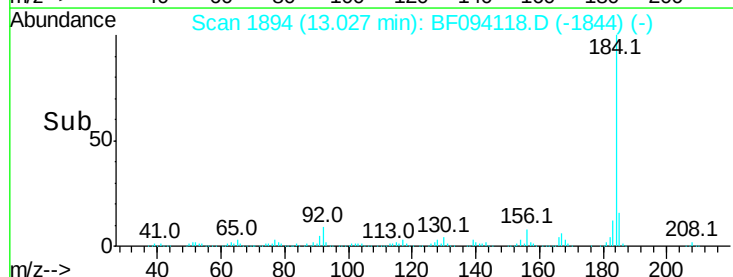
0

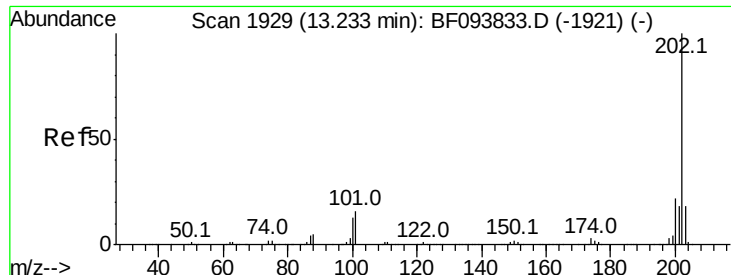
13.03

13.00

13.10

Time-->





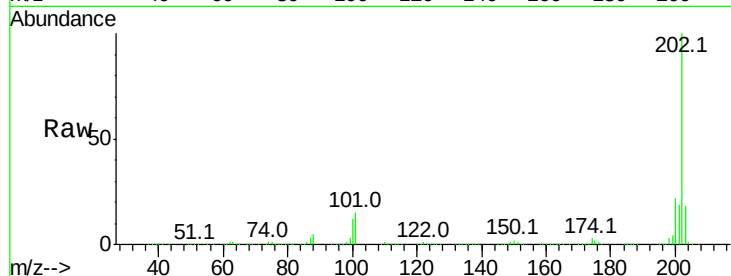
#77
Pvrene
Concen: 39.44 ng
RT: 13.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

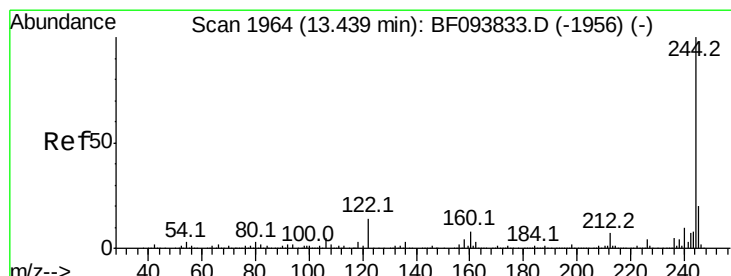
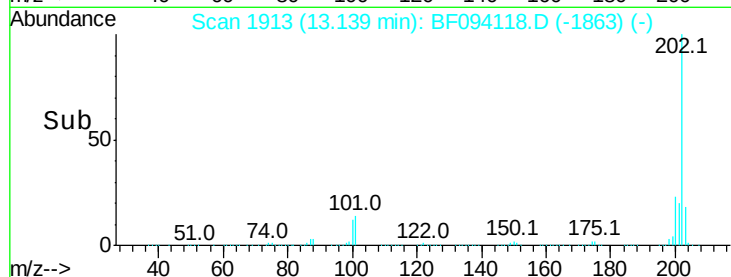
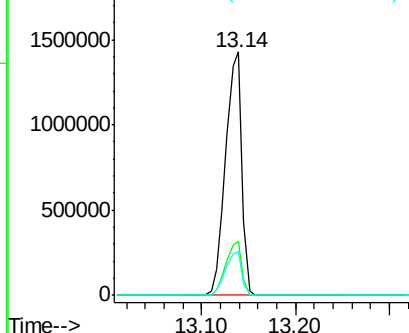
Tot Ion:202 Resp: 1719149
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 17.9 14.4 21.6

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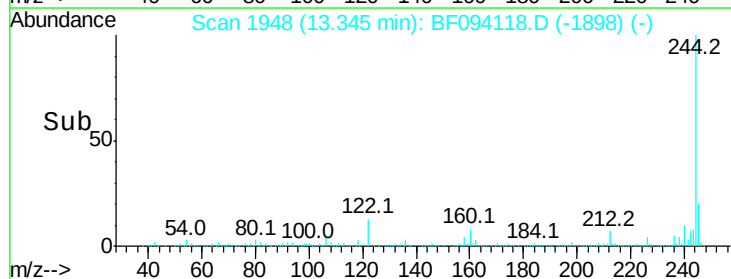
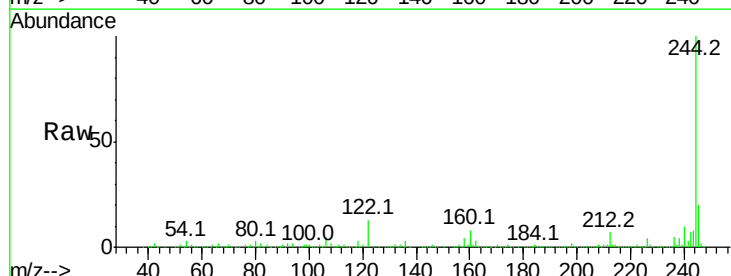
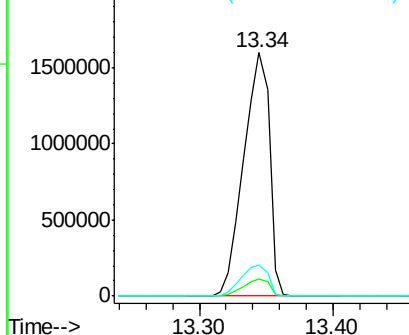
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

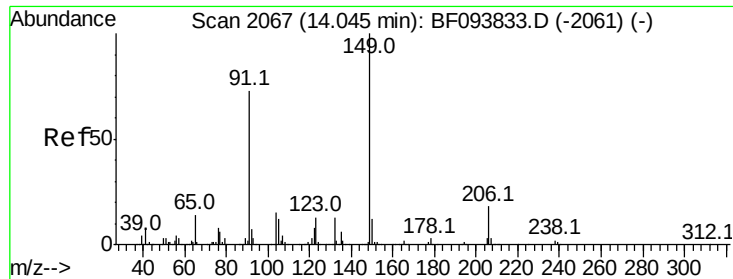


#78
Terphenyl-d14
Concen: 79.46 ng
RT: 13.34 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion:244 Resp: 2129215
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.9 10.3 15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





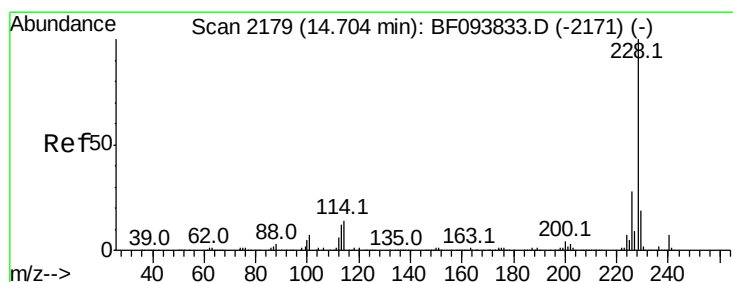
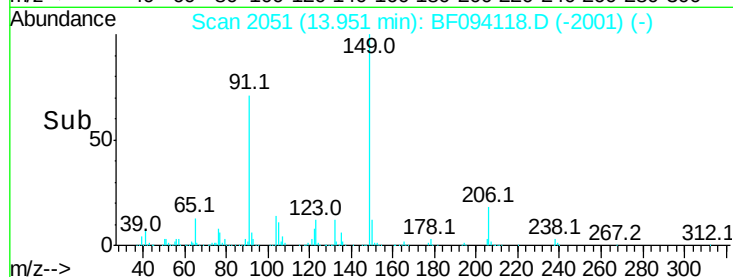
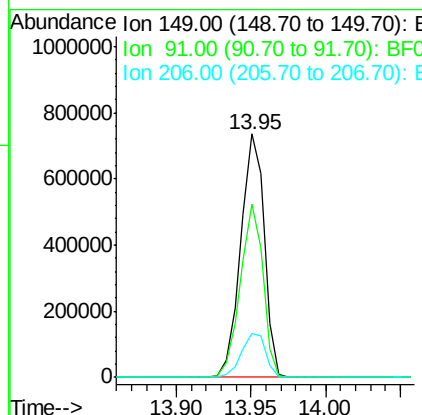
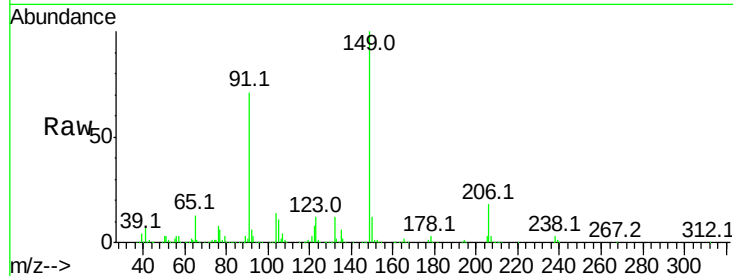
#79
Butylbenzylphthalate
Concen: 43.53 ng
RT: 13.95 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	45.0	67.4#
206	18.2	17.0	25.6

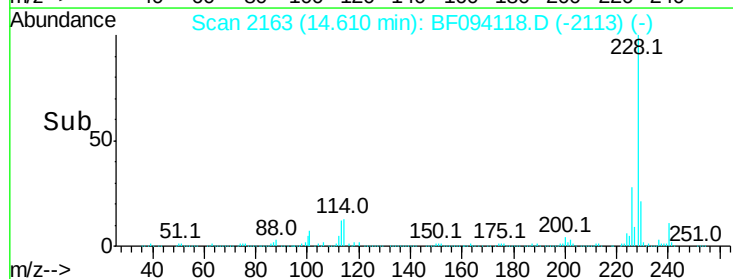
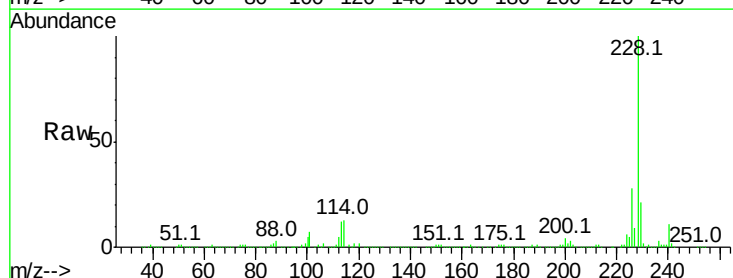
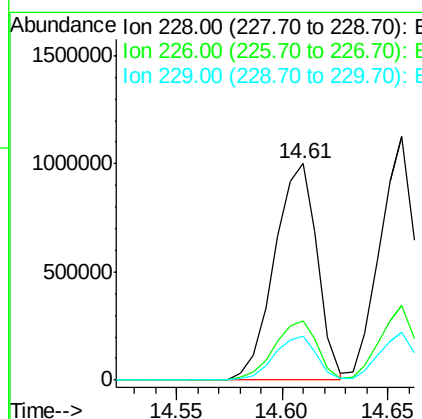
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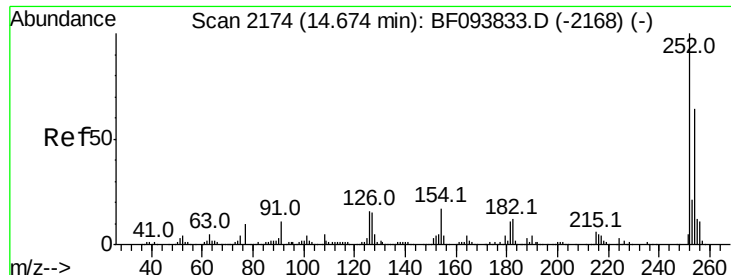
mohammad
4/4/2017 5:33:51 PM



#80
Benzo(a)anthracene
Concen: 40.15 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.5	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 41.98 ng

RT: 14.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

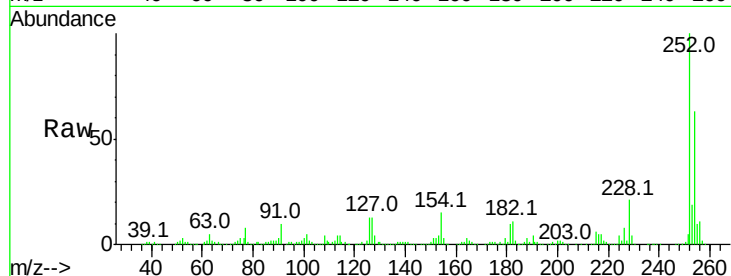
ClientSampleId :

SSTDCCC040

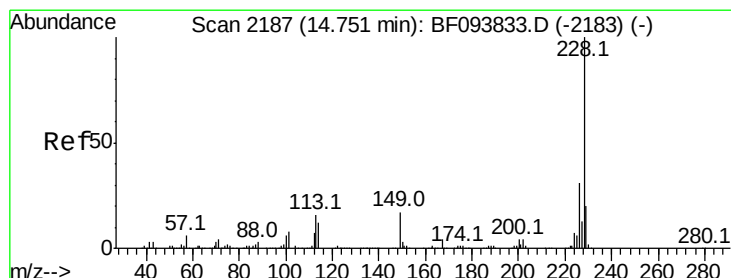
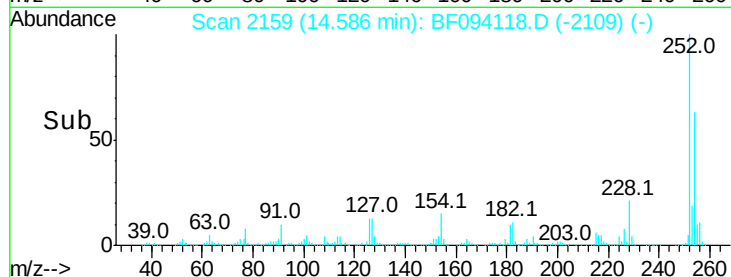
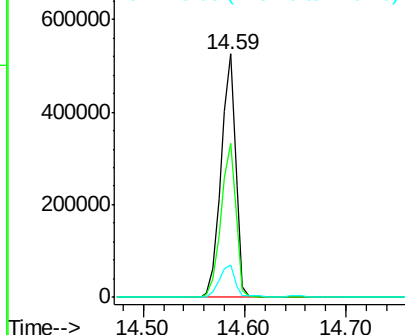
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.5	77.3
126	13.4	15.8	23.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.06 ng

RT: 14.66 min Scan# 2171

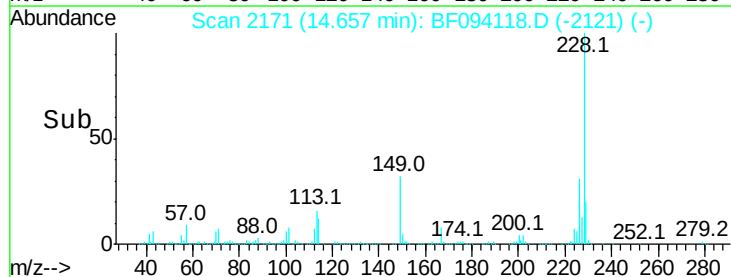
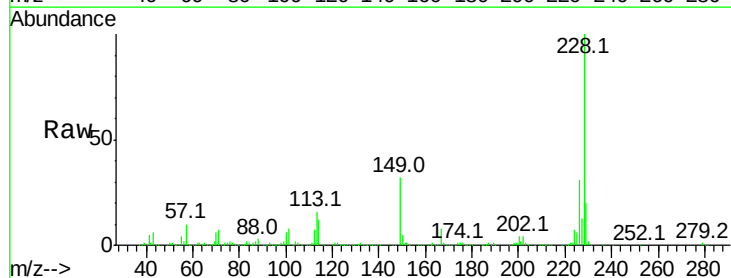
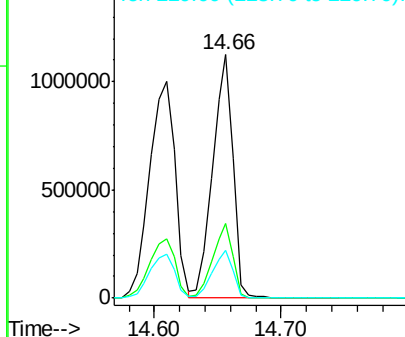
Delta R.T. -0.01 min

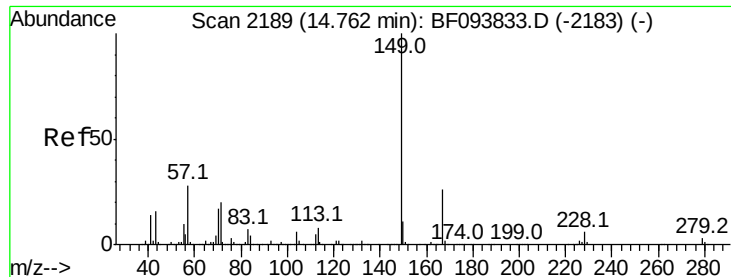
Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.8	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.34 ng

RT: 14.67 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1047379

Ion Ratio Lower Upper

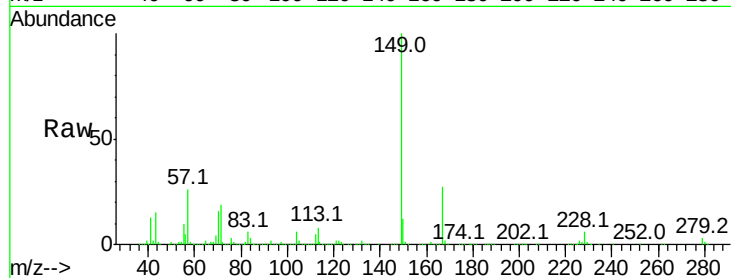
149 100

167 26.5 21.0 31.4

279 3.3 1.9 2.9#

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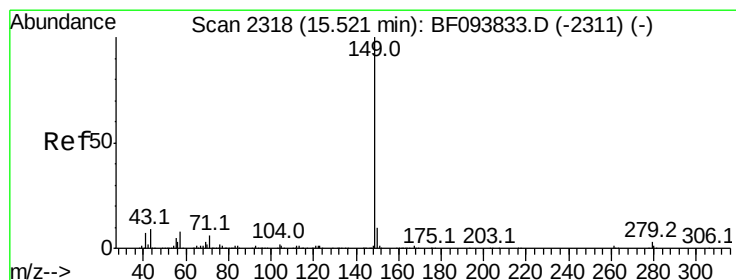
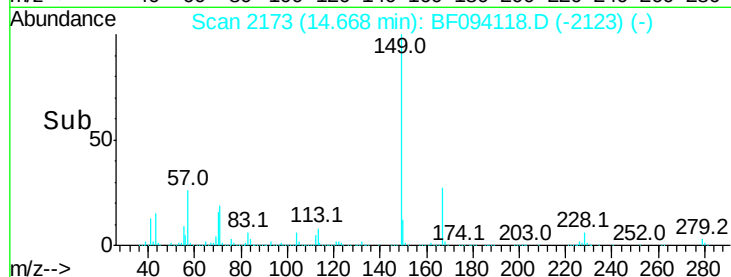
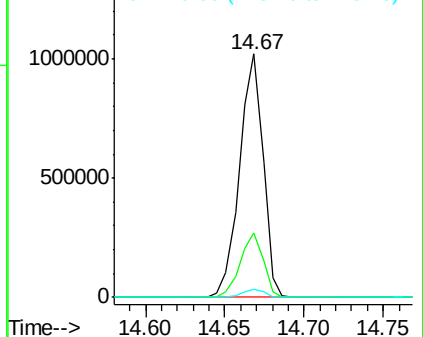
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.06 ng

RT: 15.42 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

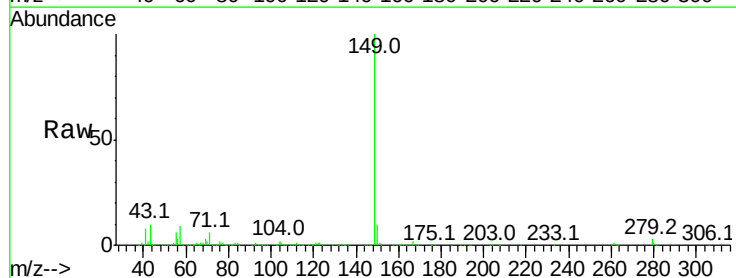
Tgt Ion:149 Resp: 1822617

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

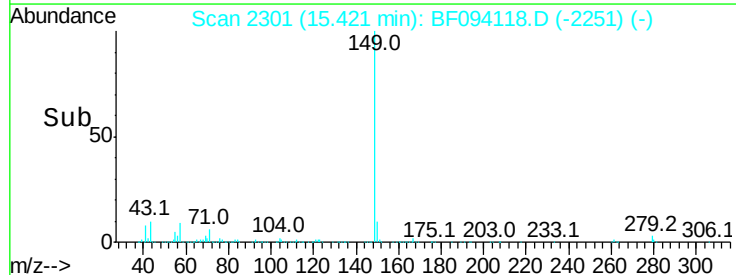
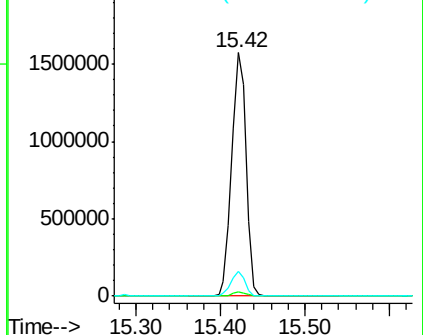
43 9.6 8.5 12.7

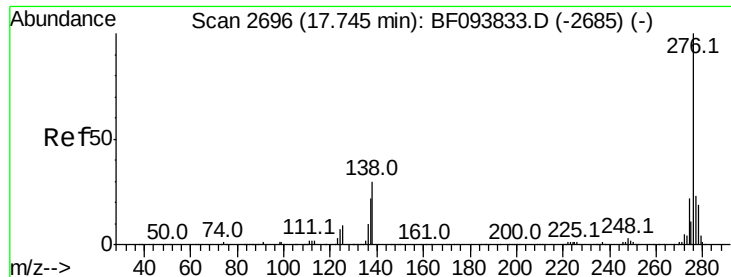


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





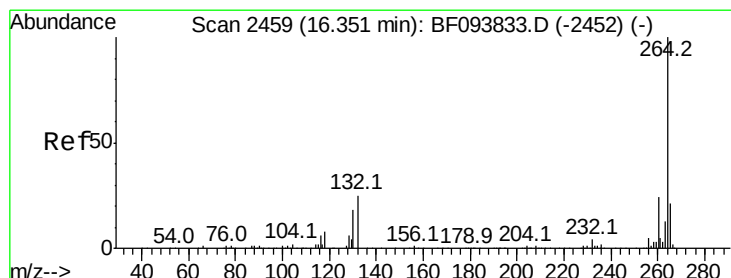
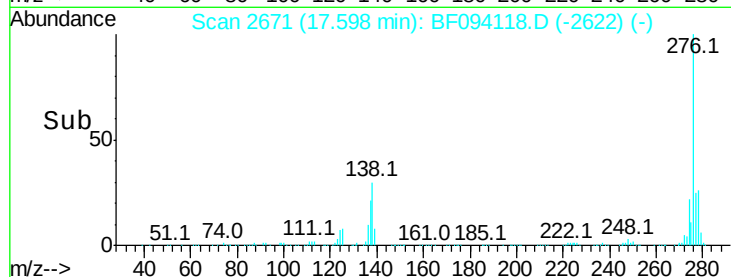
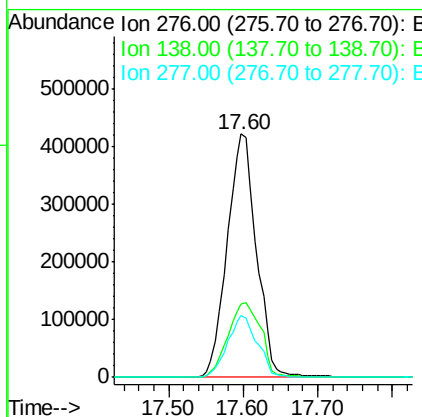
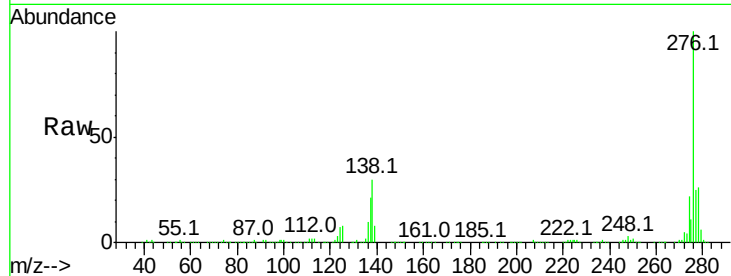
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.90 ng
 RT: 17.60 min Scan# 2671
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.7	20.2	30.4

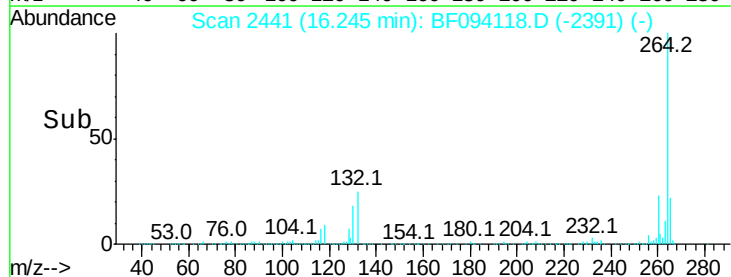
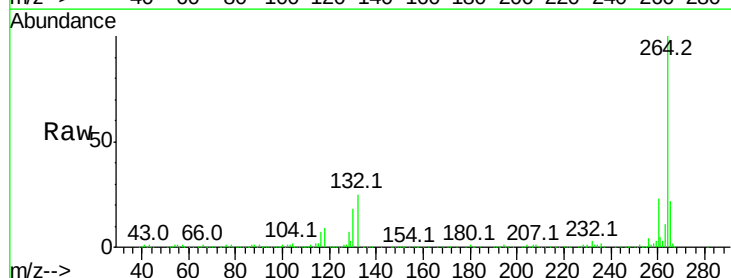
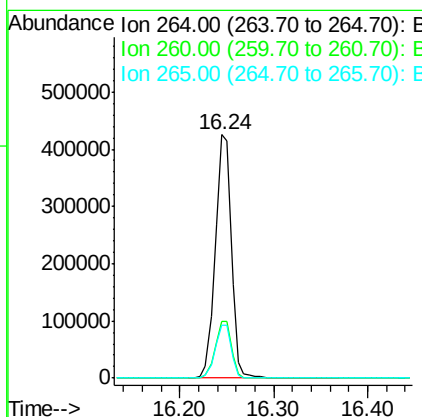
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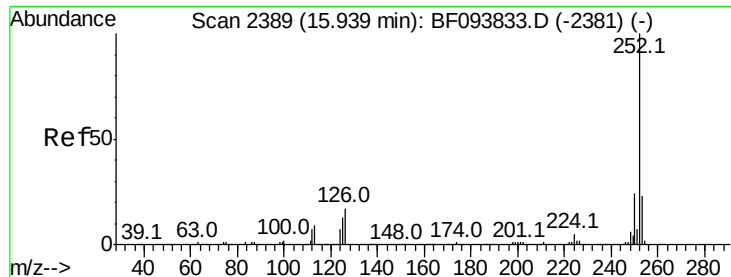
mohammad
 4/4/2017 5:33:51 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.84 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1289885

Ion Ratio Lower Upper

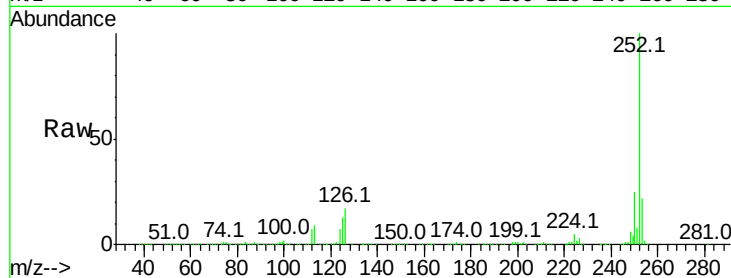
252 100

253 22.1 18.1 27.1

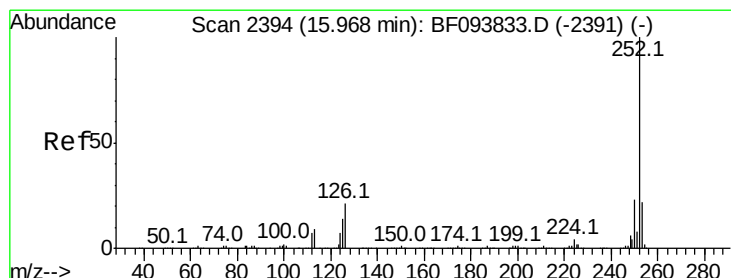
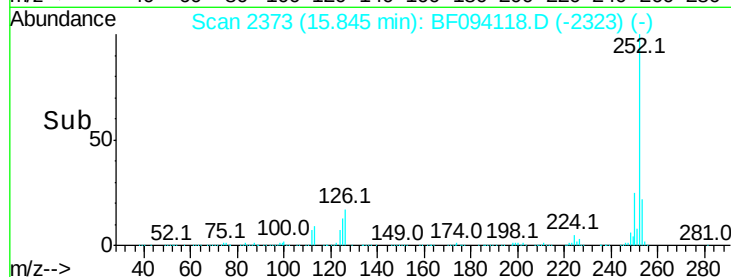
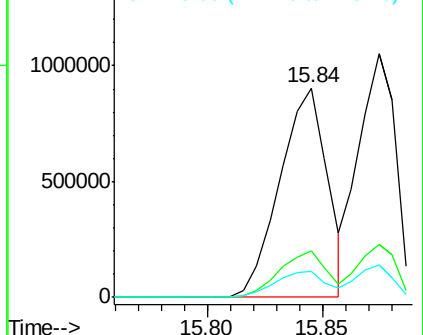
125 12.7 9.8 14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.46 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BF094118.D

Acq: 3 Apr 2017 13:56

Tgt Ion:252 Resp: 1188743

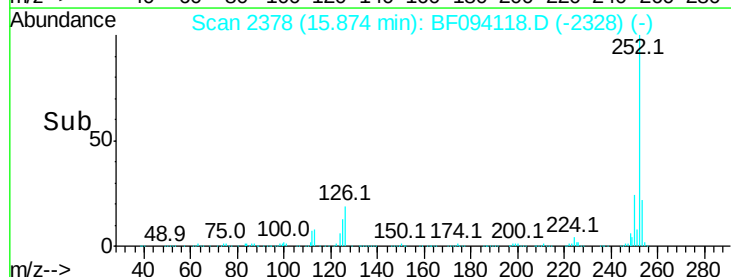
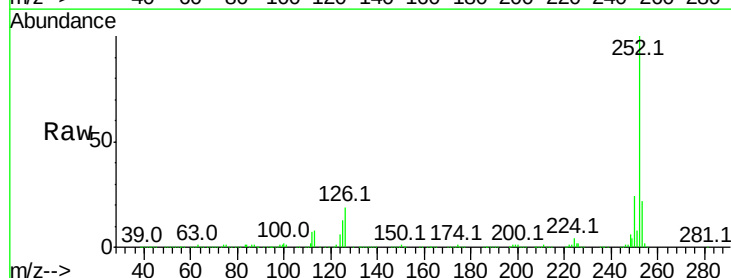
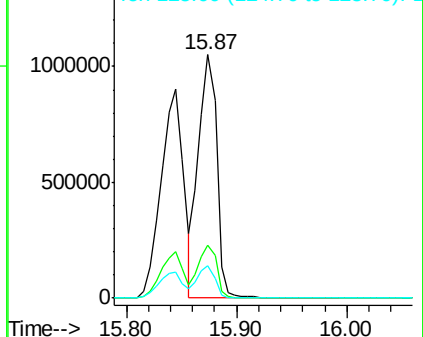
Ion Ratio Lower Upper

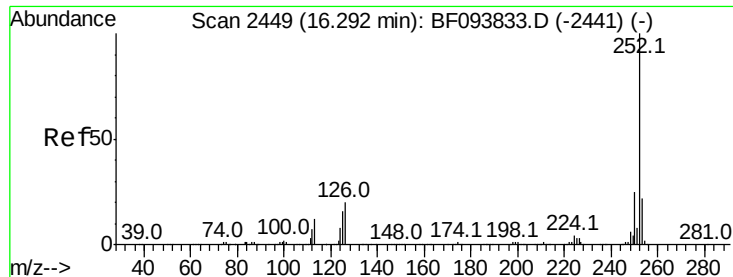
252 100

253 21.8 18.4 27.6

125 13.4 13.1 19.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





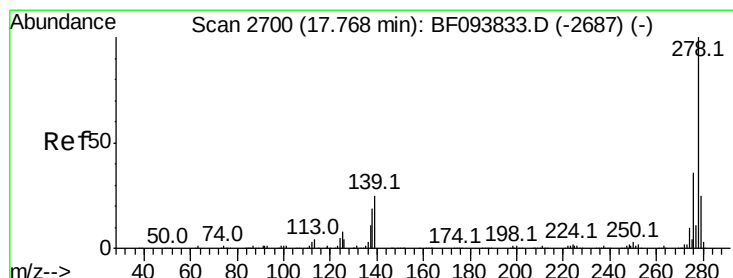
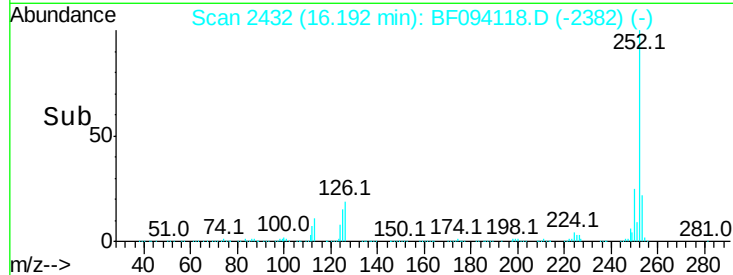
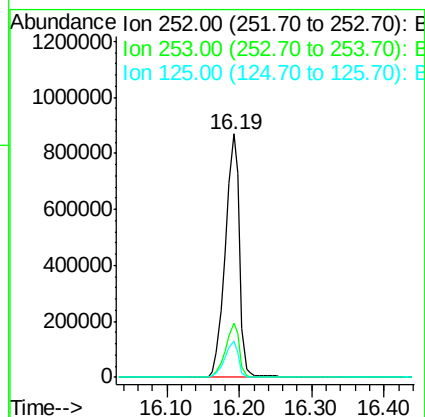
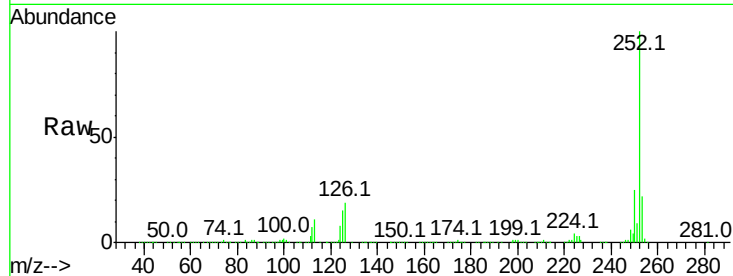
#89
Benzo(a)pyrene
Concen: 40.59 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.0	11.0	16.4

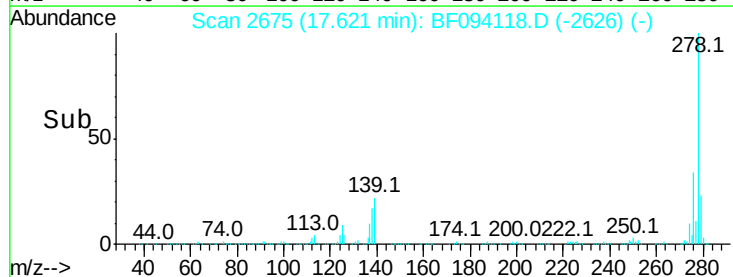
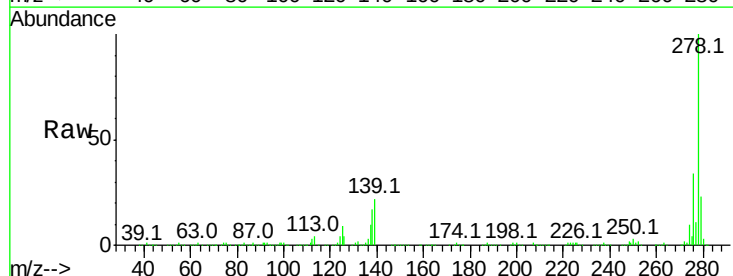
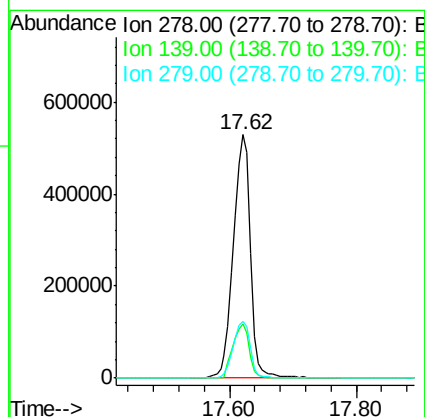
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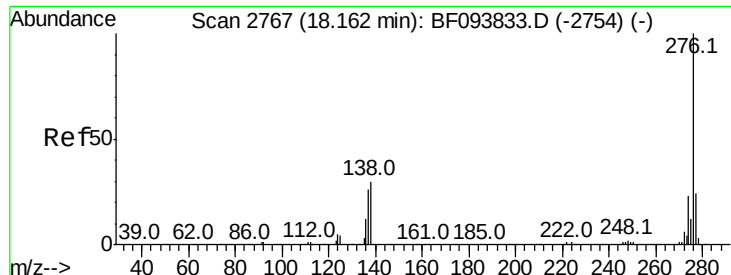
mohammad
4/4/2017 5:33:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.48 ng
RT: 17.62 min Scan# 2675
Delta R.T. -0.01 min
Lab File: BF094118.D
Acq: 3 Apr 2017 13:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.3	19.3	28.9





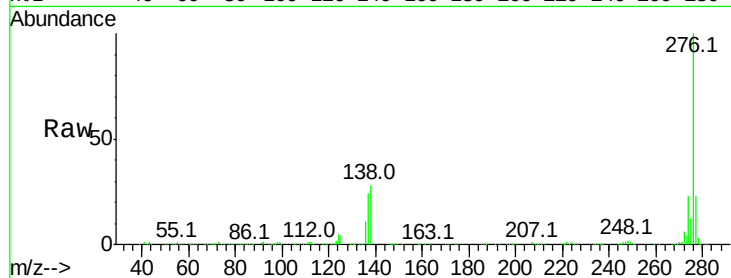
#91
 Benzo(a,h,i)perylene
 Concen: 38.93 ng
 RT: 18.00 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BF094118.D
 Acq: 3 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	28.5	25.4	38.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

