

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094316.D
 Acq On : 10 Apr 2017 17:32
 Operator : SJ/MA
 Sample : PB98146BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Manual Integrations
 APPROVED

mohammad
 4/11/2017 12:53:14 PM

Quant Time: Apr 11 01:49:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	164271	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	657723	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	299031	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	513158	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	382441	20.00	ng	-0.01
86) Perylene-d12	16.18	264	272297	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.41	112	1233107	126.79	ng	0.02
7) Phenol-d6	5.48	99	1558879	129.56	ng	0.02
23) Nitrobenzene-d5	6.49	82	995406	86.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	333438	141.11	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1784105	91.00	ng	-0.02
78) Terphenyl-d14	13.29	244	1447882	84.86	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	164964	35.30	ng	95
3) Pyridine	2.73	79	480801	37.76	ng	99
4) n-Nitrosodimethylamine	2.69	42	223352	42.63	ng	89
6) Aniline	5.46	93	334144	19.96	ng	95
8) 2-Chlorophenol	5.62	128	479835	44.88	ng	98
9) Benzaldehyde	5.33	77	164846	20.29	ng	97
10) Phenol	5.50	94	578350	42.24	ng	88
11) bis(2-Chloroethyl)ether	5.55	93	468344	43.77	ng	98
12) 1,3-Dichlorobenzene	5.77	146	520204	43.38	ng	98
13) 1,4-Dichlorobenzene	5.86	146	525489	43.27	ng	96
14) 1,2-Dichlorobenzene	6.03	146	476816	42.63	ng	98
15) Benzyl Alcohol	6.02	79	371461	42.18	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	616243	37.38	ng	50
17) 2-Methylphenol	6.18	107	394673	43.11	ng	96
18) Hexachloroethane	6.43	117	186915	43.79	ng	# 87
19) n-Nitroso-di-n-propylamine	6.33	70	353317	45.69	ng	96
20) 3+4-Methylphenols	6.36	107	556990	50.23	ng	# 61
22) Acetophenone	6.32	105	682457	46.56	ng	# 85
24) Nitrobenzene	6.52	77	495561	43.60	ng	95
25) Isophorone	6.80	82	885307	43.72	ng	95
26) 2-Nitrophenol	6.89	139	276916	51.09	ng	98
27) 2,4-Dimethylphenol	6.97	122	442408	47.37	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	580087	43.44	ng	99
29) 2,4-Dichlorophenol	7.20	162	416596	47.70	ng	96
30) 1,2,4-Trichlorobenzene	7.28	180	410259	45.61	ng	99
31) Naphthalene	7.37	128	1378463	43.59	ng	100
32) Benzoic acid	7.16	122	256646	41.28	ng	98
33) 4-Chloroaniline	7.44	127	144919	11.31	ng	95
34) Hexachlorobutadiene	7.52	225	202126	43.82	ng	99
35) Caprolactam	7.89	113	131928m	47.37	ng	
36) 4-Chloro-3-methylphenol	8.08	107	431380	47.27	ng	87
37) 2-Methylnaphthalene	8.22	142	956652	45.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	356473	43.58	ng	98
40) Hexachlorocyclopentadiene	8.41	237	361448	94.42	ng	99

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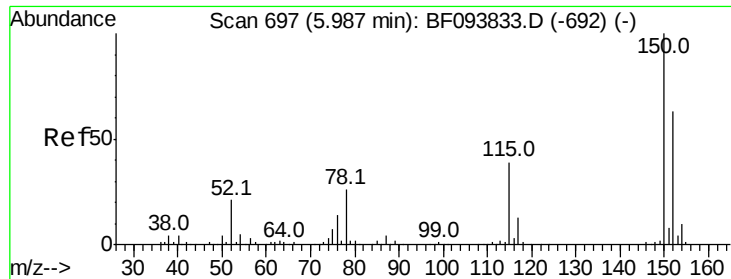
Manual Integrations
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Quant Time: Apr 11 01:49:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	275837	47.66	nq	98
43) 2,4,5-Trichlorophenol	8.63	196	275603	44.01	nq	96
45) 1,1'-Biphenyl	8.79	154	1057367	43.84	nq	98
46) 2-Chloronaphthalene	8.81	162	840469	44.52	nq	96
47) 2-Nitroaniline	8.94	65	250784	44.78	nq	87
48) Acenaphthylene	9.32	152	1317236	41.98	nq	99
49) Dimethylphthalate	9.18	163	1002611	47.17	nq	99
50) 2,6-Dinitrotoluene	9.25	165	229269	47.05	nq	91
51) Acenaphthene	9.53	154	791129	43.21	nq	100
52) 3-Nitroaniline	9.45	138	102848	17.97	nq	89
53) 2,4-Dinitrophenol	9.59	184	208402	79.93	nq	# 71
54) Dibenzofuran	9.74	168	1107938	44.45	nq	98
55) 4-Nitrophenol	9.73	139	469262m	104.72	nq	
56) 2,4-Dinitrotoluene	9.74	165	262210	42.84	nq	# 60
57) Fluorene	10.16	166	857435	41.48	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	205690	47.87	nq	97
59) Diethylphthalate	10.05	149	963056	45.84	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	368631	41.86	nq	91
61) 4-Nitroaniline	10.21	138	226181	41.19	nq	96
62) Azobenzene	10.36	77	923795	46.48	nq	96
64) 4,6-Dinitro-2-methylphenol	10.25	198	150747	47.97	nq	# 76
65) n-Nitrosodiphenylamine	10.32	169	809366	45.61	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	234978	46.56	nq	96
67) Hexachlorobenzene	10.84	284	238992	46.78	nq	# 91
68) Atrazine	10.99	200	235896	44.38	nq	95
69) Pentachlorophenol	11.10	266	208604	65.60	nq	97
70) Phenanthrene	11.34	178	1270690	44.51	nq	99
71) Anthracene	11.40	178	1302130	44.30	nq	99
72) Carbazole	11.61	167	1229340	40.79	nq	99
73) Di-n-butylphthalate	12.05	149	1474788	47.05	nq	99
74) Fluoranthene	12.80	202	1293457	44.25	nq	99
76) Benzidine	12.97	184	364290	24.07	nq	# 92
77) Pyrene	13.07	202	1306054	47.06	nq	100
79) Butylbenzylphthalate	13.89	149	620555	52.47	nq	# 85
80) Benzo(a)anthracene	14.55	228	1034355	46.38	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	201121	25.23	nq	97
82) Chrysene	14.59	228	895255	43.26	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	829978	51.44	nq	# 98
84) Di-n-octyl phthalate	15.36	149	1366247	50.69	nq	97
85) Indeno(1,2,3-cd)pyrene	17.50	276	749417	41.81	nq	99
87) Benzo(b)fluoranthene	15.78	252	829370	49.69	nq	98
88) Benzo(k)fluoranthene	15.82	252	715788m	43.83	nq	
89) Benzo(a)pyrene	16.13	252	711504	46.29	nq	98
90) Dibenzo(a,h)anthracene	17.53	278	619232	47.57	nq	99
91) Benzo(g,h,i)perylene	17.90	276	645687	49.22	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.84 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

PB98146BS

Tot Ion:152 Resp: 164271

Ion Ratio Lower Upper

152 100

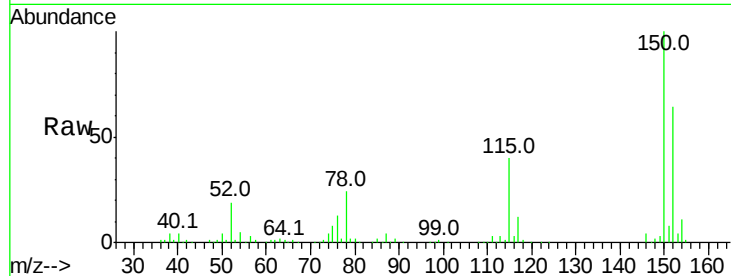
150 155.5 126.2 189.2

115 62.0 52.2 78.2

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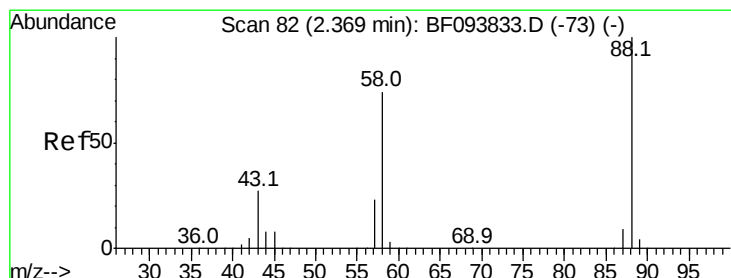
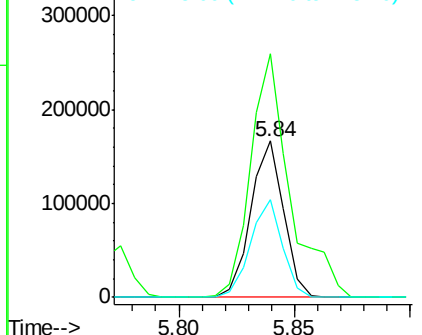
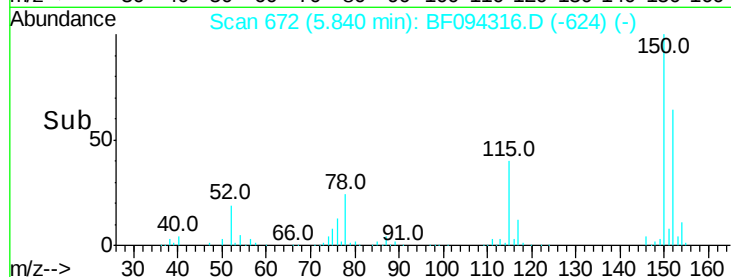
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.30 ng

RT: 2.25 min Scan# 61

Delta R.T. 0.04 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

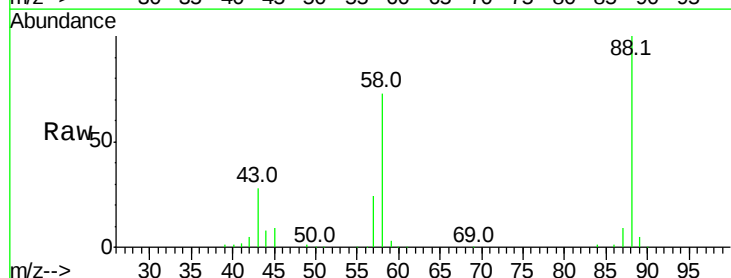
Tgt Ion: 88 Resp: 164964

Ion Ratio Lower Upper

88 100

58 71.3 61.4 92.0

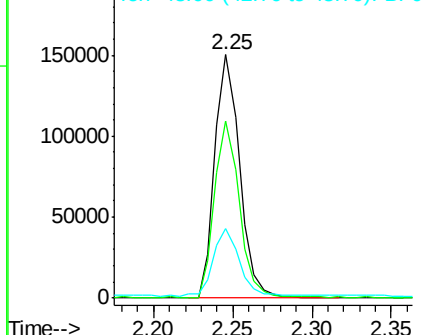
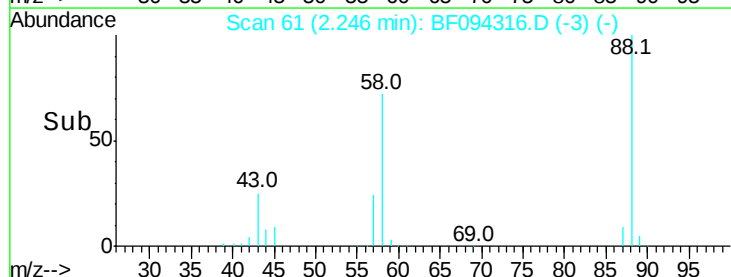
43 28.7 23.4 35.0

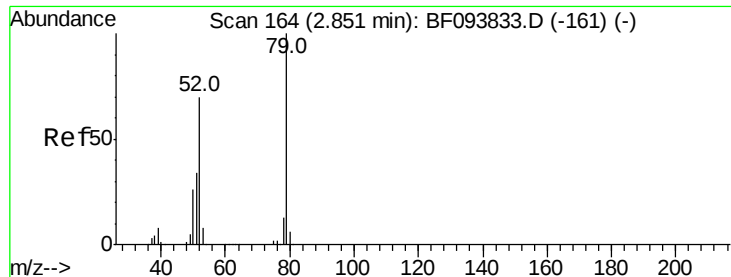


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





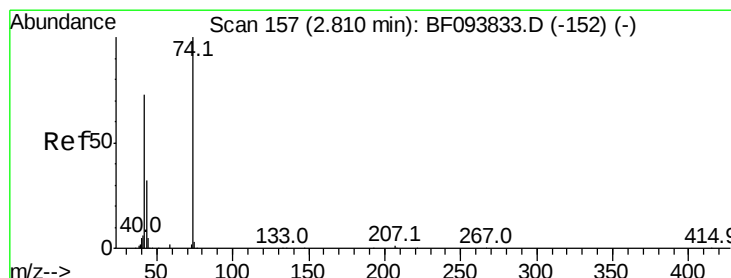
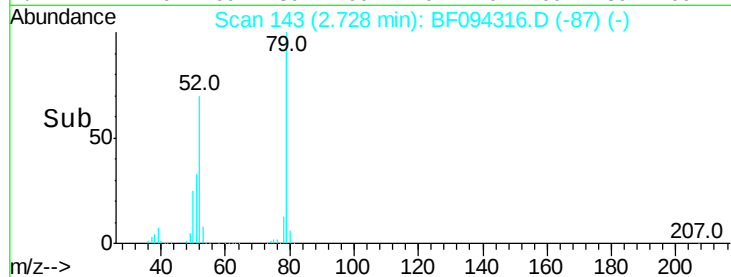
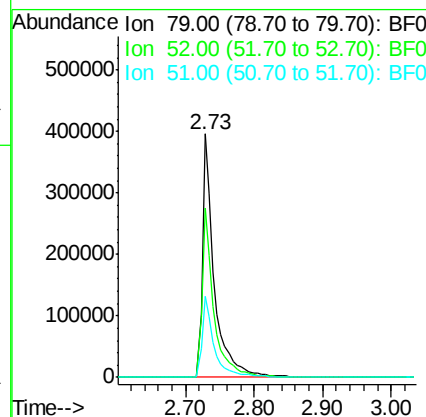
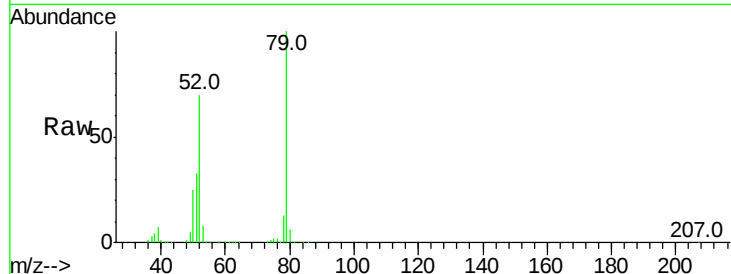
#3
 Pvridine
 Concen: 37.76 ng
 RT: 2.73 min Scan# 143
 Delta R.T. 0.03 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
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 ClientSampleId :
 PB98146BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		480801		
52	69.5	54.8	82.2		
51	33.2	27.0	40.4		

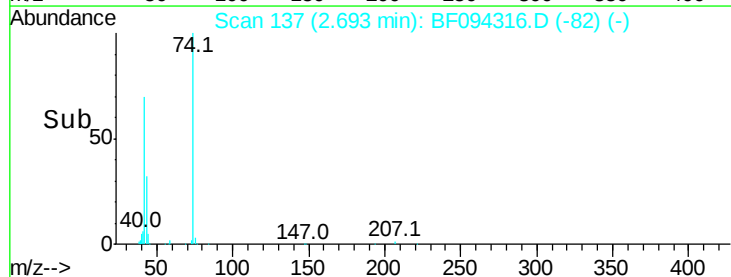
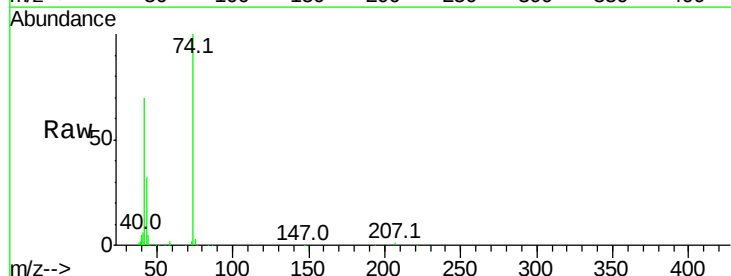
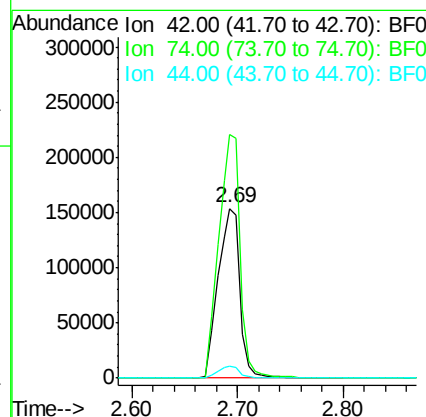
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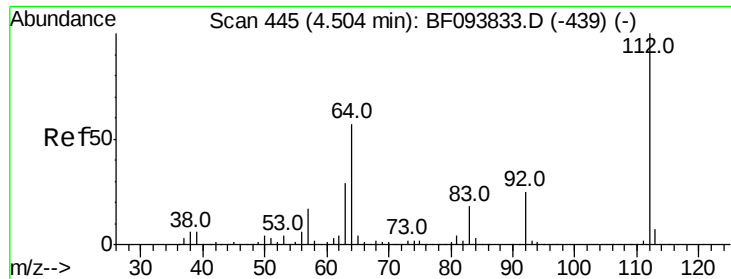
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#4
 n-Nitrosodimethylamine
 Concen: 42.63 ng
 RT: 2.69 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		223352		
74	143.3	103.9	155.9		
44	6.7	5.7	8.5		





#5

2-Fluorophenol

Concen: 126.79 ng

RT: 4.41 min Scan# 429

Delta R.T. 0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

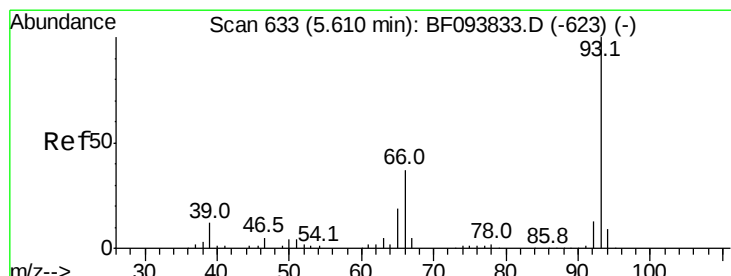
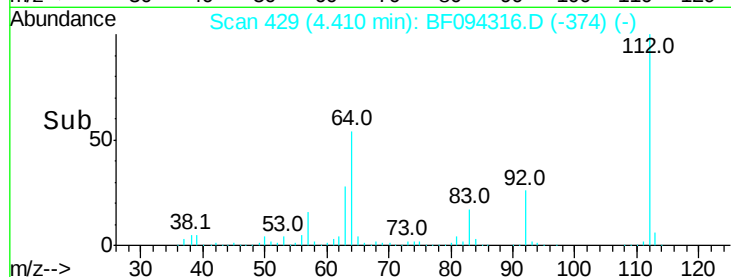
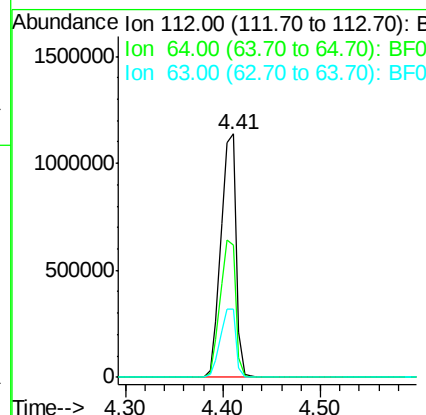
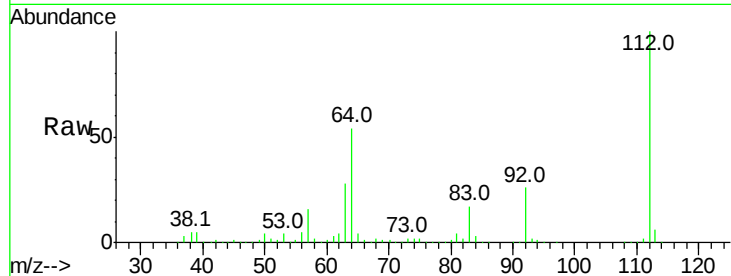
ClientSampled :

PB98146BS

Tot Ion:	112	Resp:	1233107
Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	28.0	23.4	35.0

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#6

Aniline

Concen: 19.96 ng

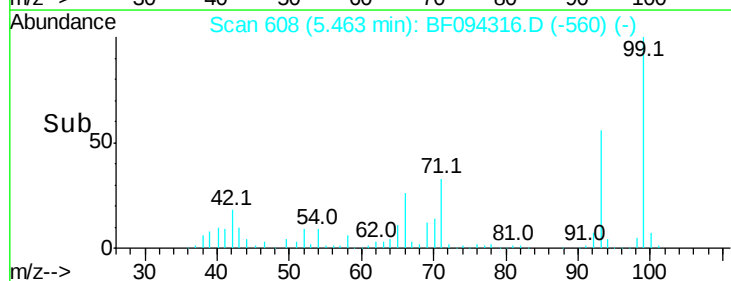
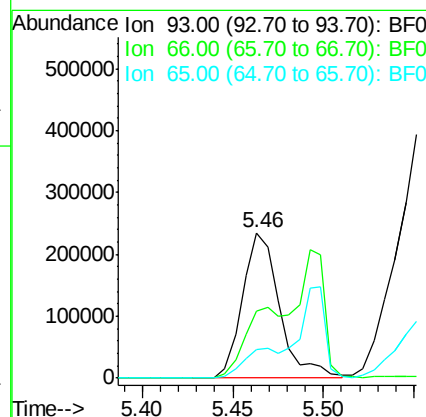
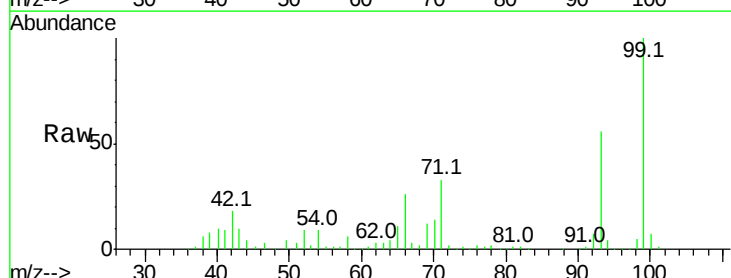
RT: 5.46 min Scan# 608

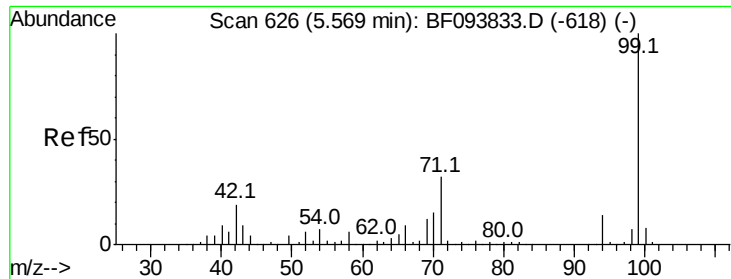
Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion:	93	Resp:	334144
Ion	Ratio	Lower	Upper
93	100		
66	45.7	32.9	49.3
65	20.0	16.0	24.0





#7

Phenol-d6

Concen: 129.56 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

PB98146BS

Tot Ion: 99 Resp: 1558879

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

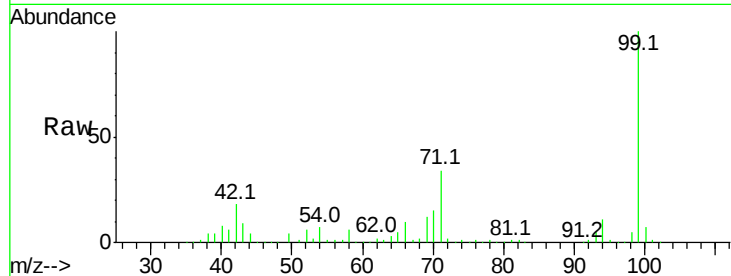
71 33.5 24.5 36.7

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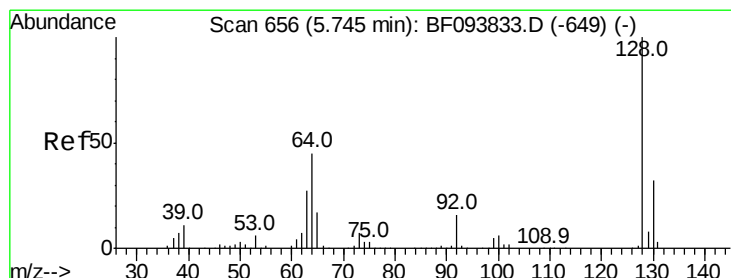
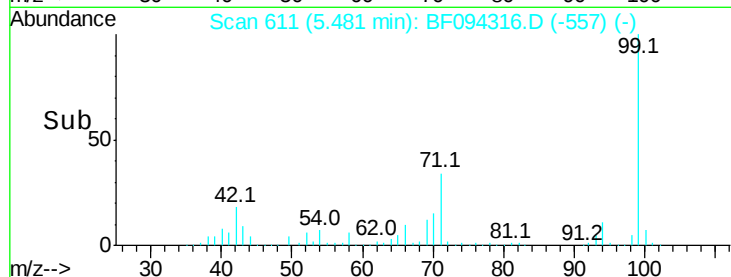
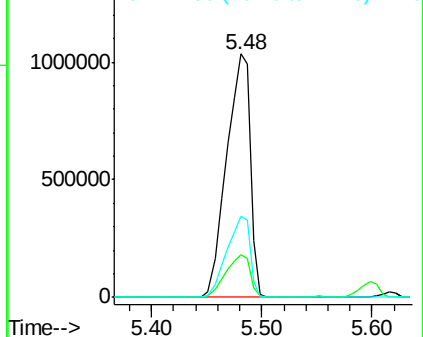
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.88 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

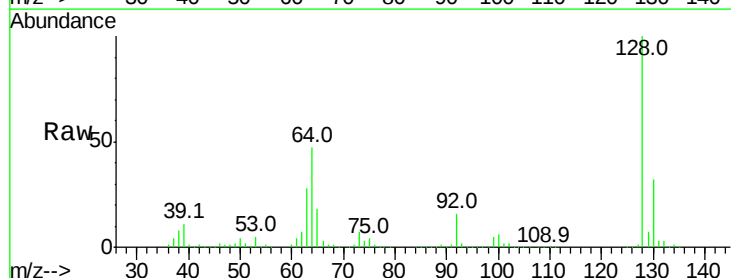
Tgt Ion:128 Resp: 479835

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

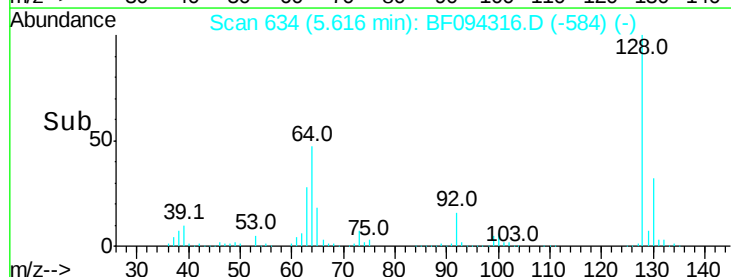
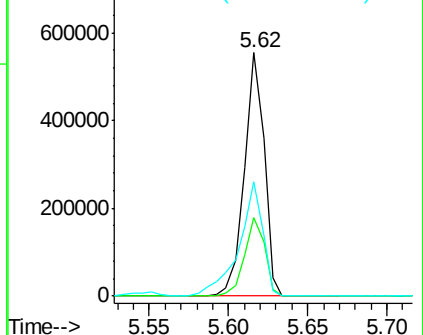
64 46.7 28.4 68.4

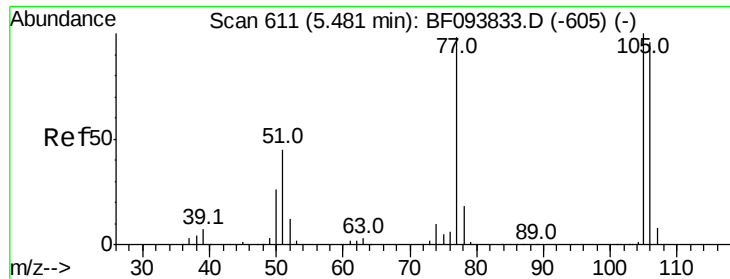


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.29 ng

RT: 5.33 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

PB98146BS

Tot Ion: 77 Resp: 164846

Ion Ratio Lower Upper

77 100

105 101.0 83.8 123.8

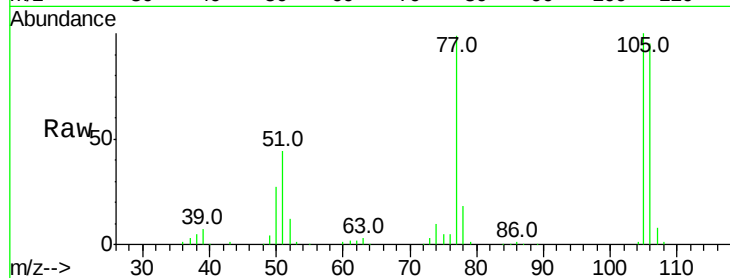
106 95.7 79.1 119.1

Manual Integrations

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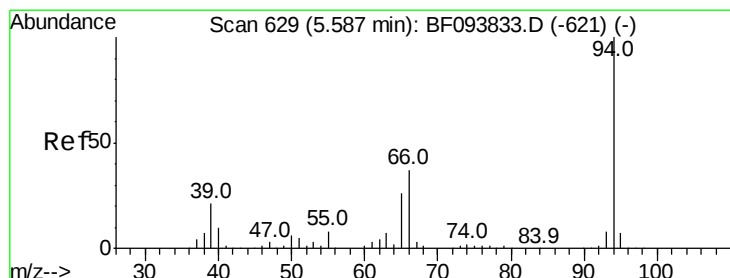
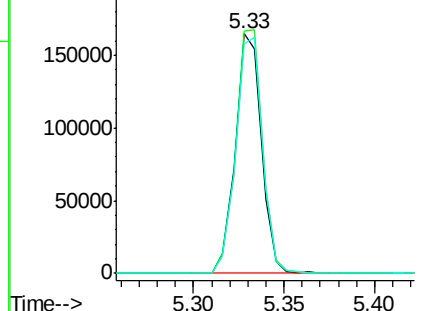
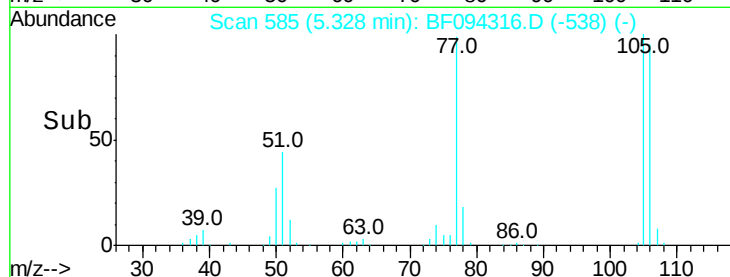
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.24 ng

RT: 5.50 min Scan# 614

Delta R.T. 0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

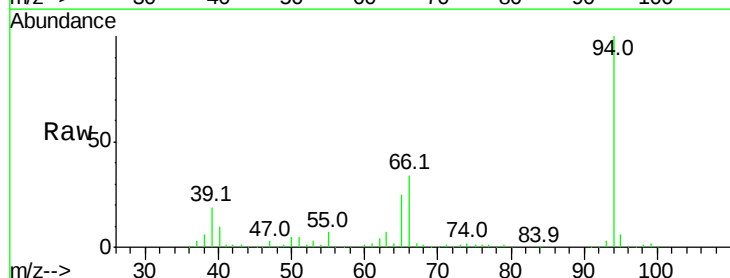
Tgt Ion: 94 Resp: 578350

Ion Ratio Lower Upper

94 100

65 24.9 9.9 49.9

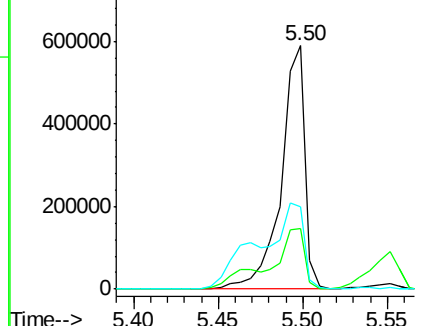
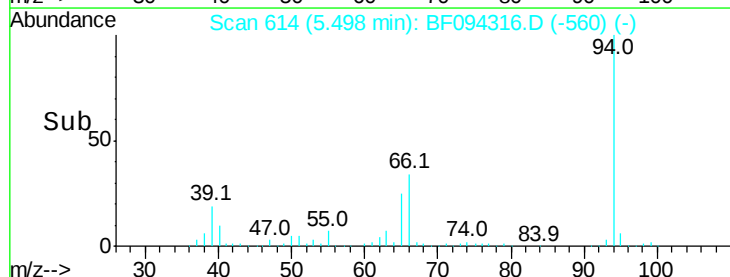
66 33.7 23.1 63.1

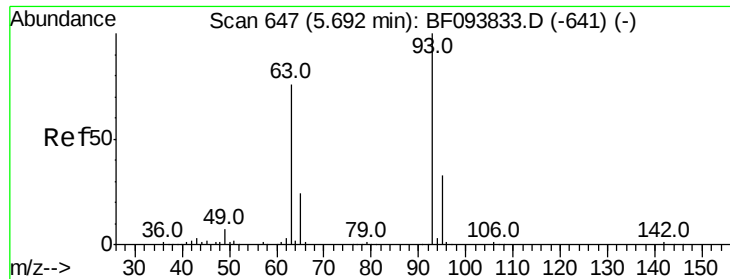


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





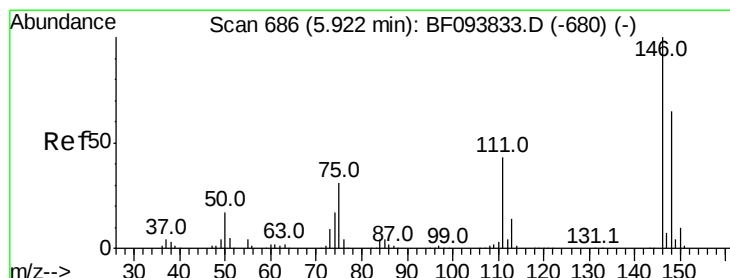
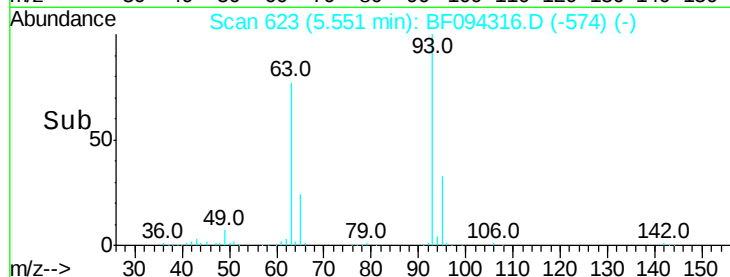
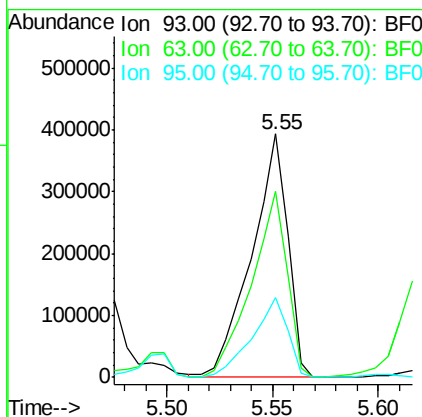
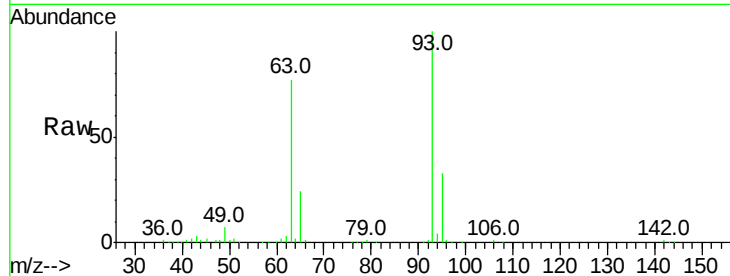
#11
bis(2-Chloroethyl)ether
Concen: 43.77 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion:	93	Resp:	468344
Ion Ratio	Lower	Upper	
93	100		
63	76.6	59.2	99.2
95	32.9	12.8	52.8

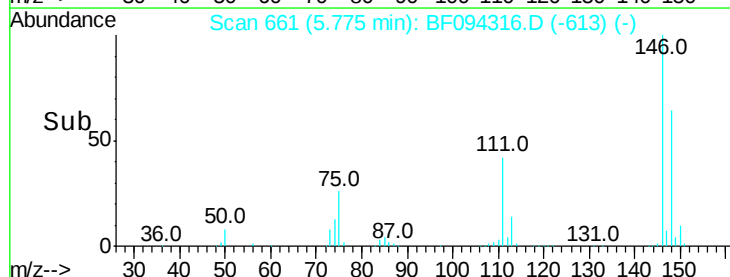
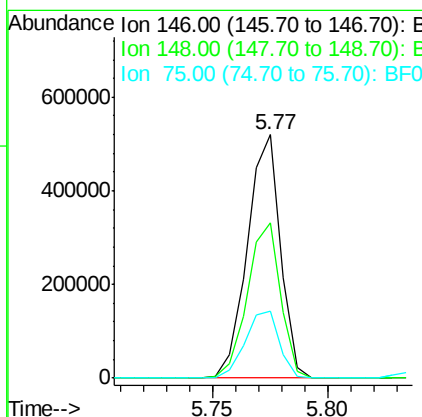
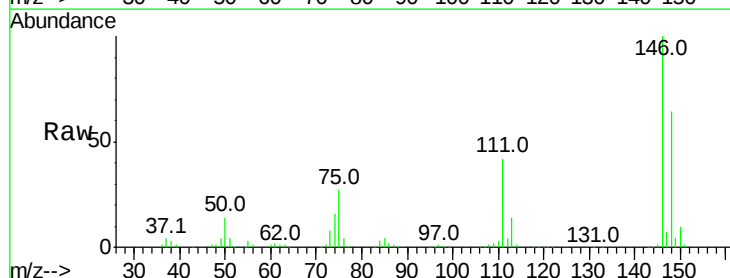
Manual Integrations
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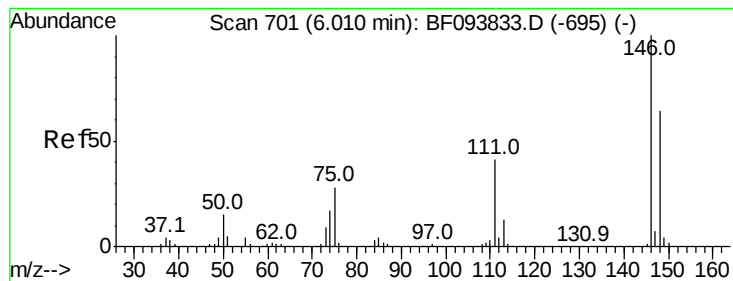
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.38 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:	146	Resp:	520204
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.6
75	27.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.27 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

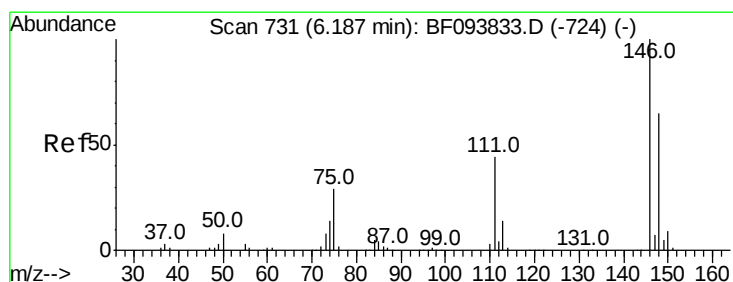
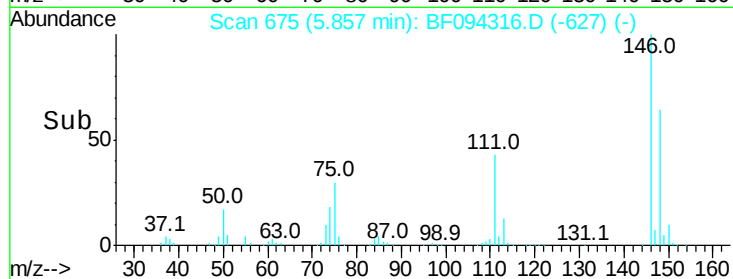
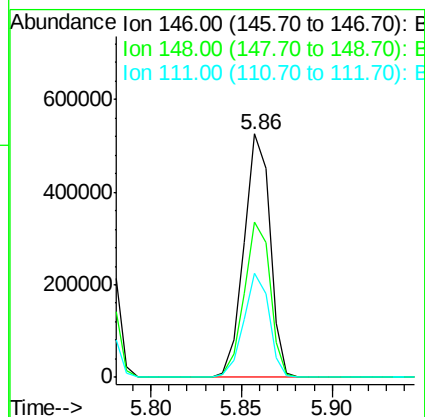
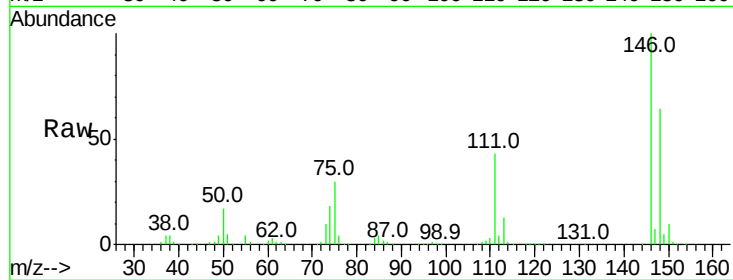
ClientSampleId :

PB98146BS

Tot Ion:	146	Resp:	525489
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	42.6	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.63 ng

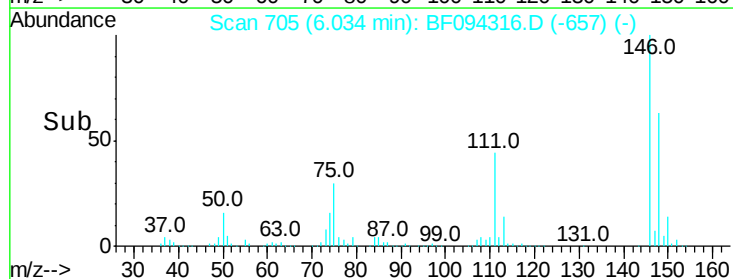
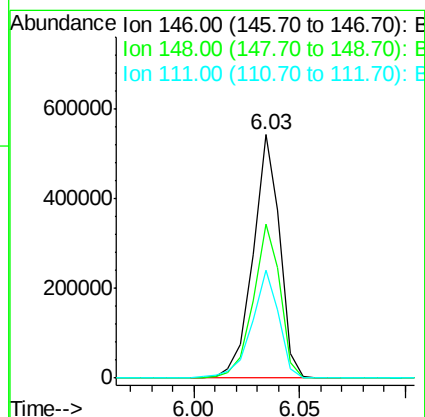
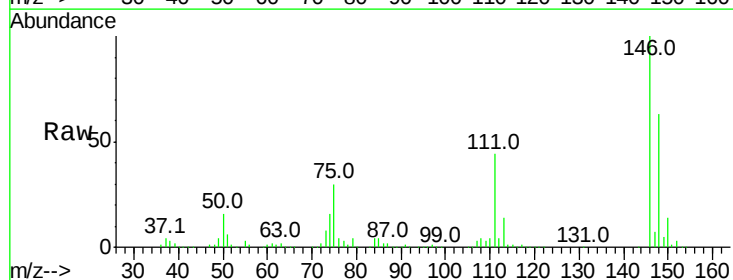
RT: 6.03 min Scan# 705

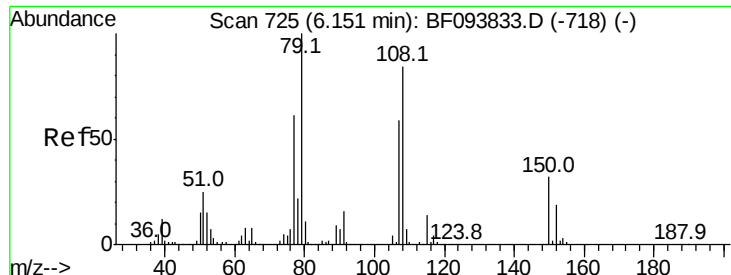
Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion:	146	Resp:	476816
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
111	44.2	38.2	57.4





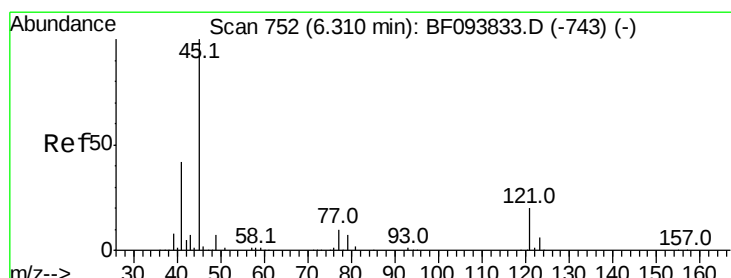
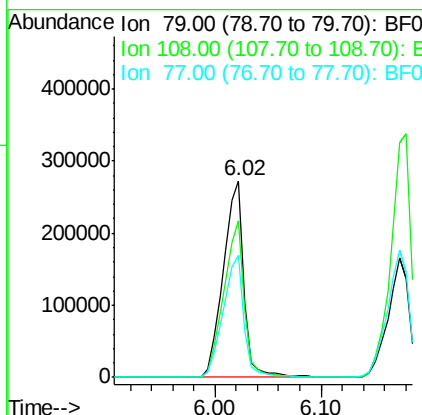
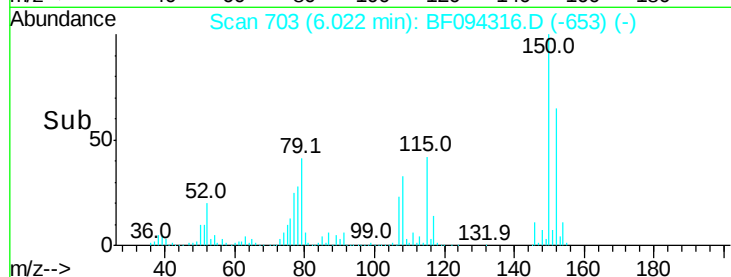
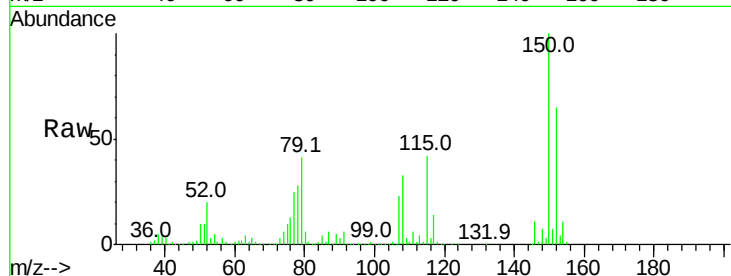
#15
Benzyl Alcohol
Concen: 42.18 ng
RT: 6.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	63.4	95.0
77	61.7	49.2	73.8

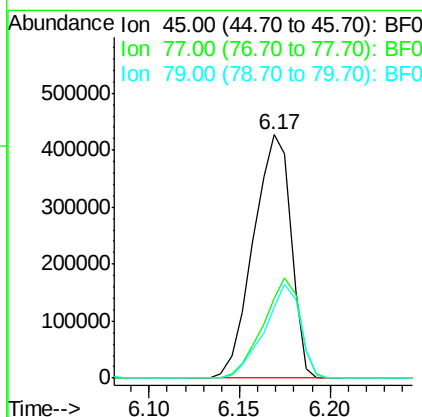
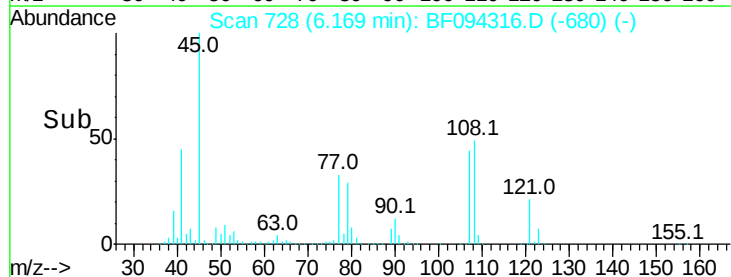
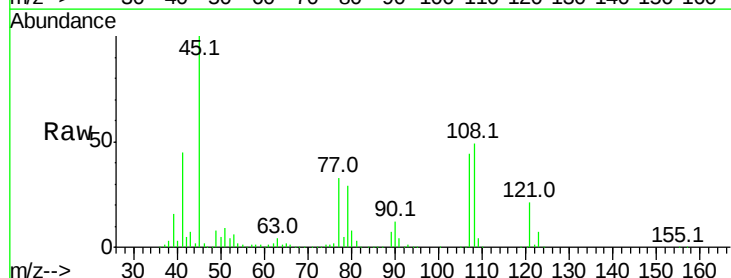
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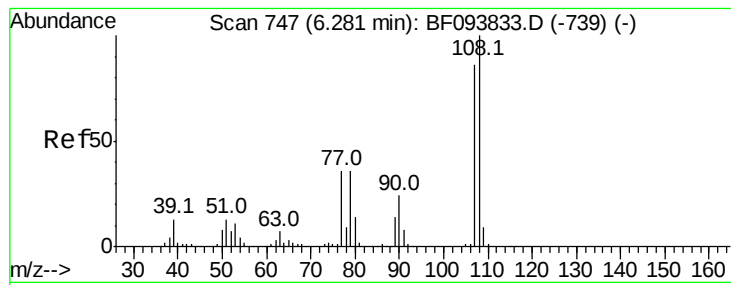
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.38 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.7	0.0	33.2
79	28.9	0.0	30.0





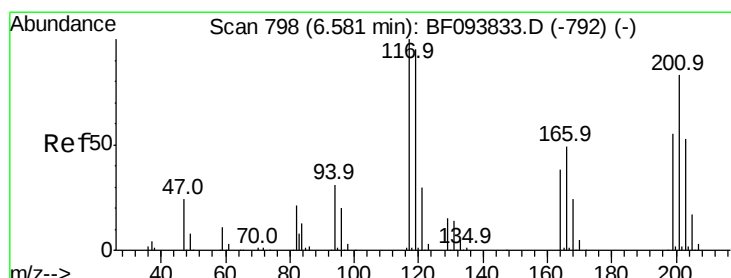
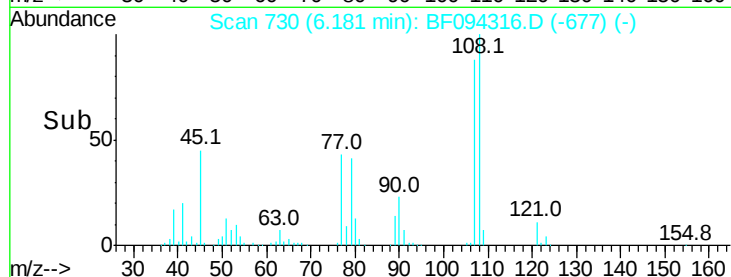
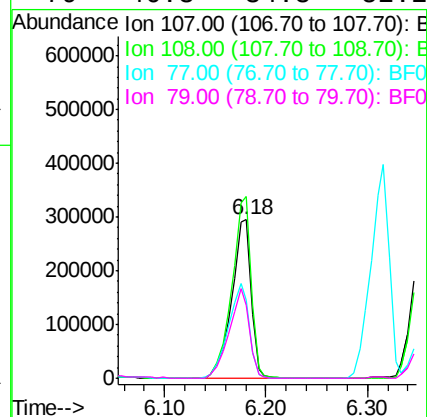
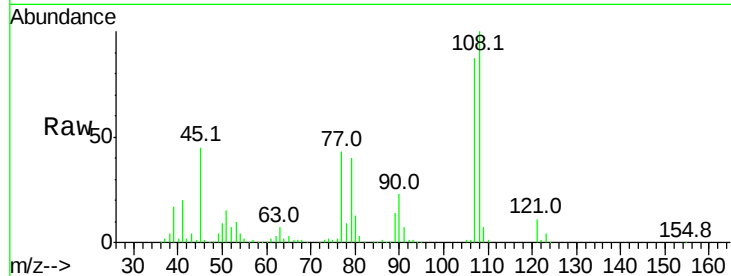
#17
2-Methylphenol
Concen: 43.11 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	93.4	140.0	
77	49.6	35.8	53.6	
79	46.3	34.8	52.2	

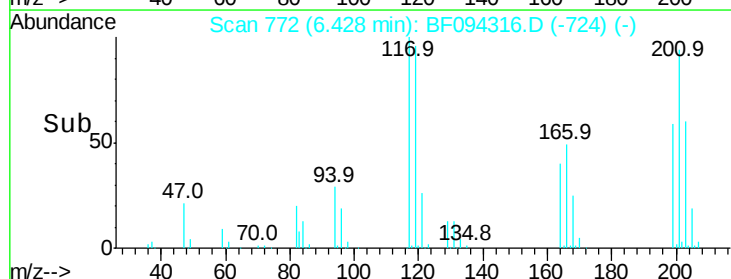
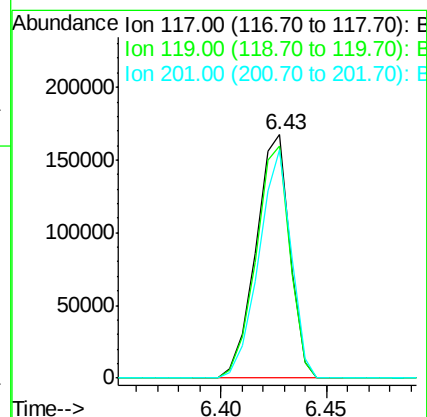
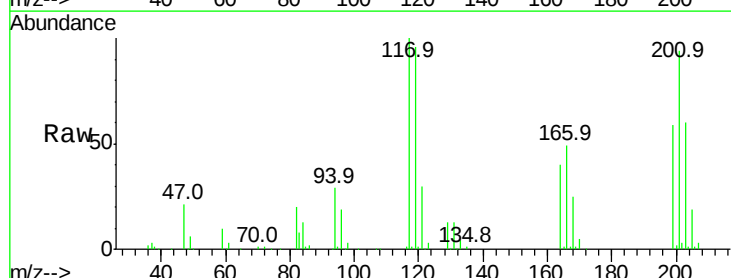
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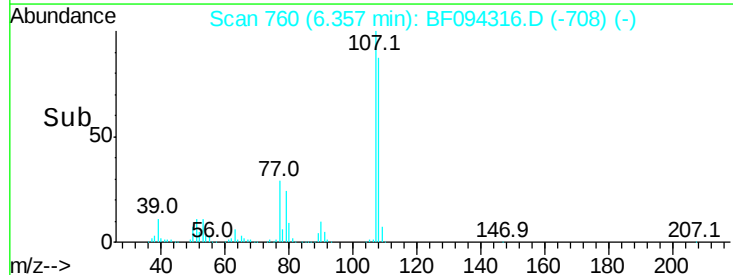
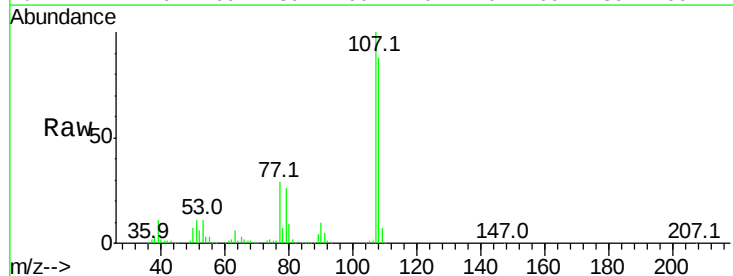
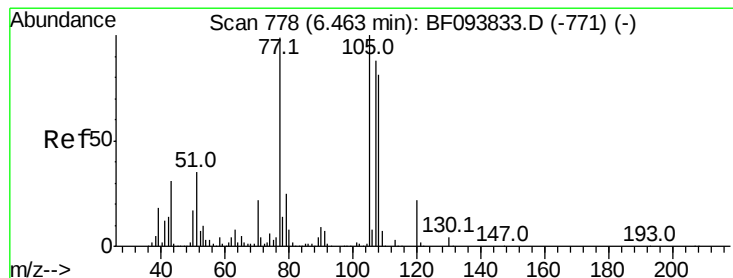
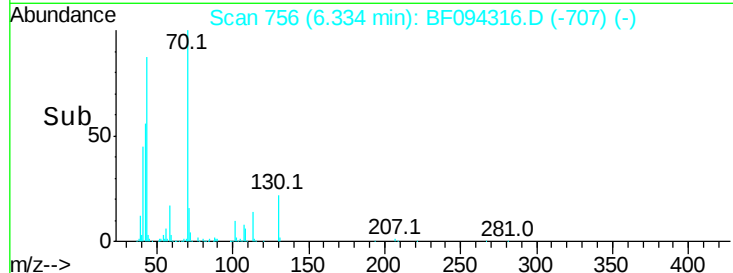
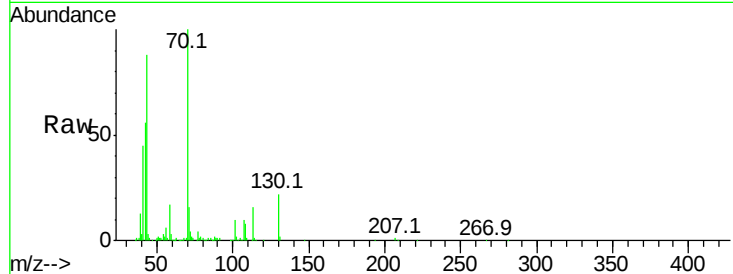
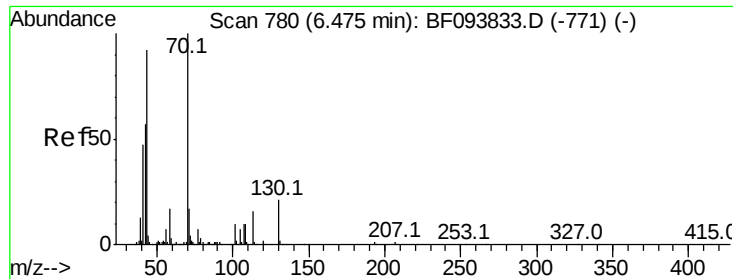
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#18
Hexachloroethane
Concen: 43.79 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.0	
201	94.0	94.6	141.8#	





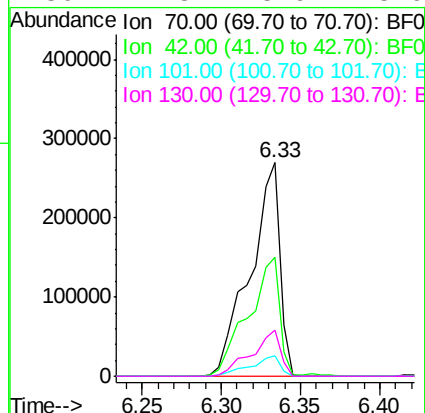
#19
n-Nitroso-di-n-propylamine
Concen: 45.69 ng
RT: 6.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	47.2	70.8	
101	9.7	7.2	10.8	
130	21.8	15.9	23.9	

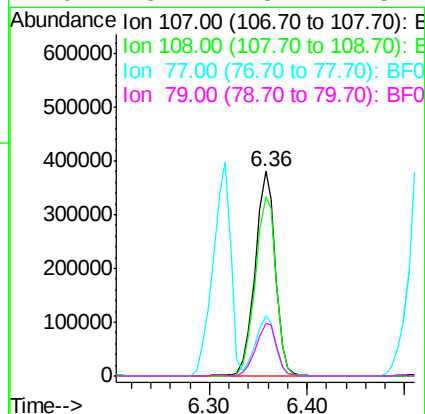
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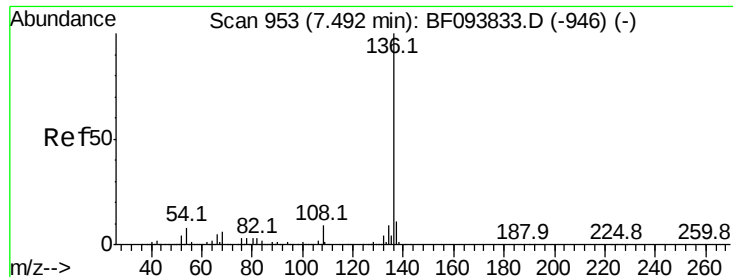
mohammad
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#20
3+4-Methylphenols
Concen: 50.23 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	71.0	111.0	
77	29.3	90.5	130.5#	
79	25.7	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

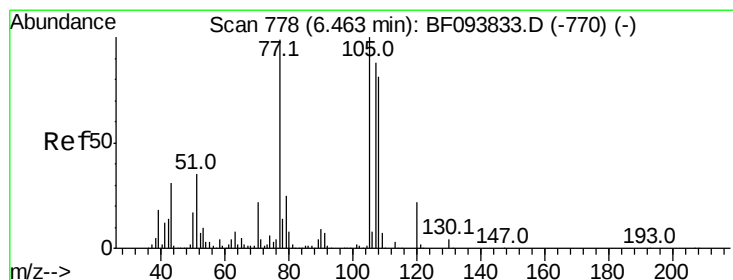
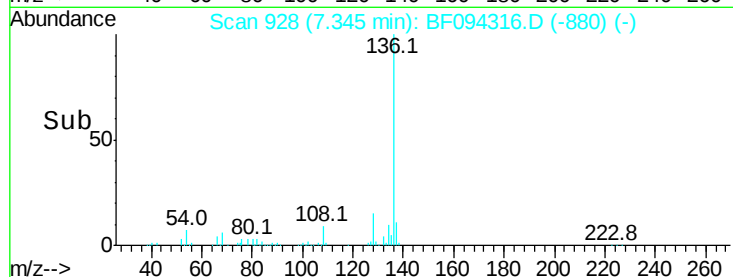
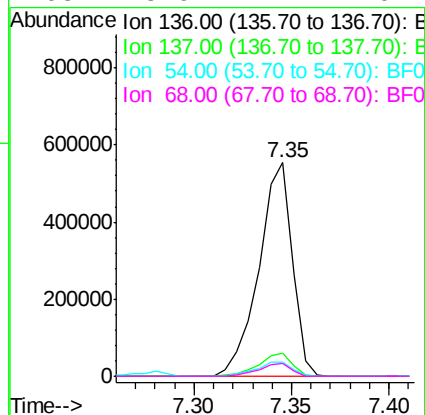
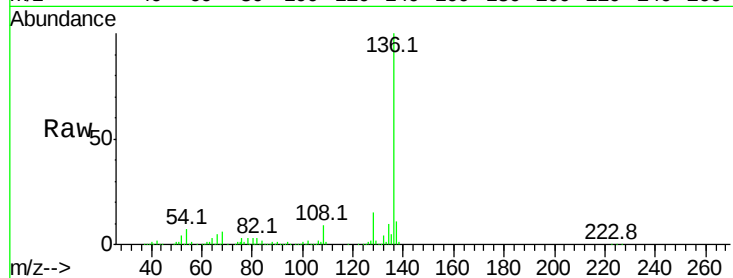
ClientSampleId :

PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	657723		
137	10.7		8.5	12.7
54	6.9		4.9	7.3
68	5.9		4.1	6.1

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#22

Acetophenone

Concen: 46.56 ng

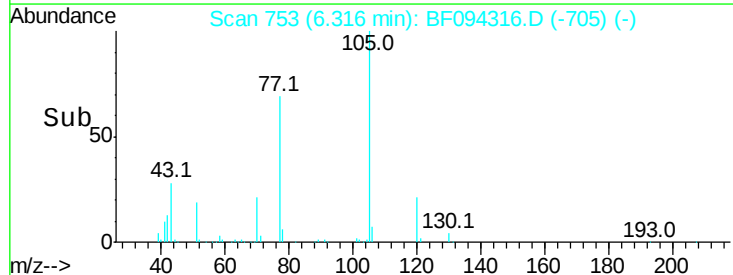
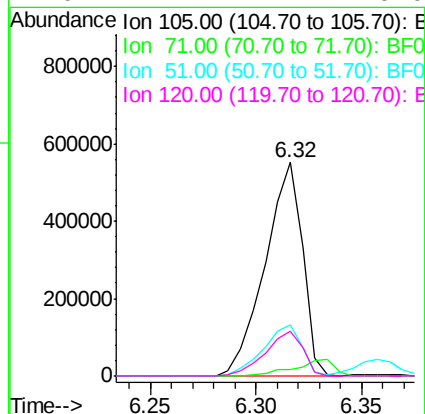
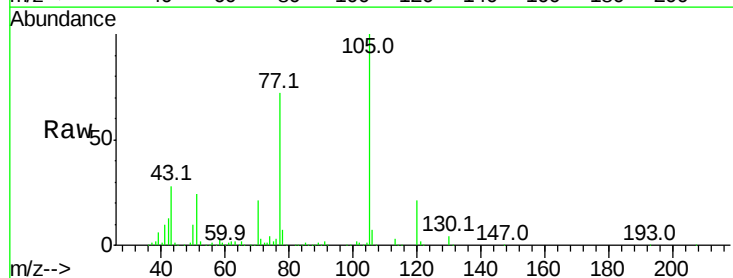
RT: 6.32 min Scan# 753

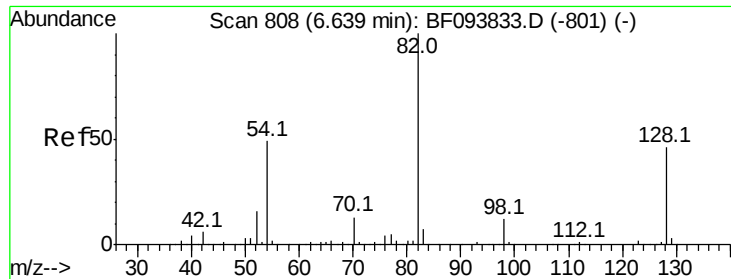
Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	682457		
71	3.3		2.8	4.2
51	24.2		30.7	46.1#
120	21.2		17.4	26.0





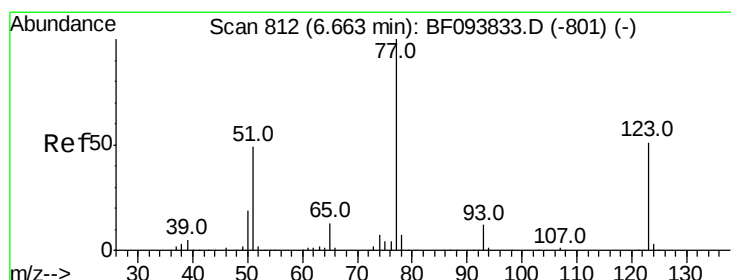
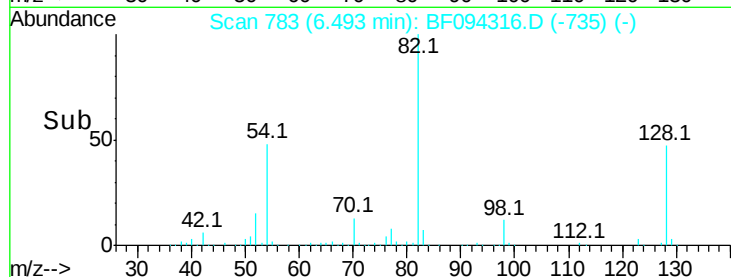
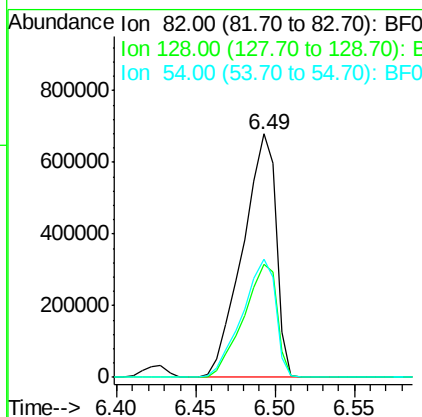
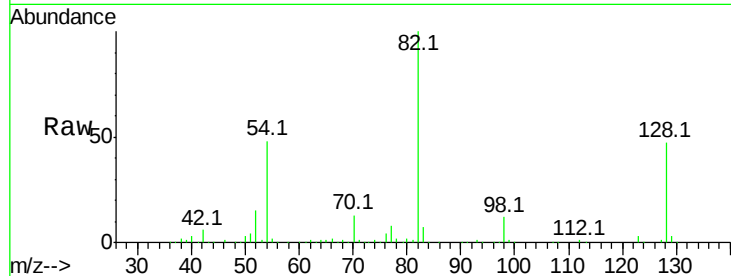
#23
 Nitrobenzene-d5
 Concen: 86.37 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.0	51.0	
54	48.4	42.2	63.2	

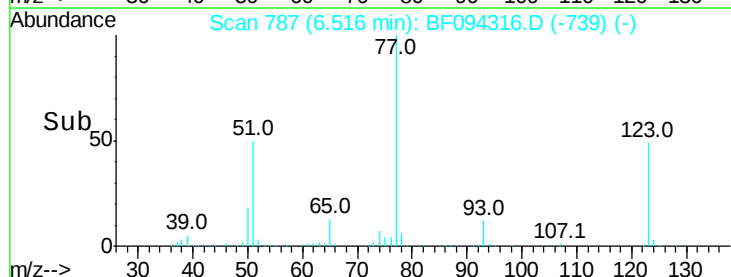
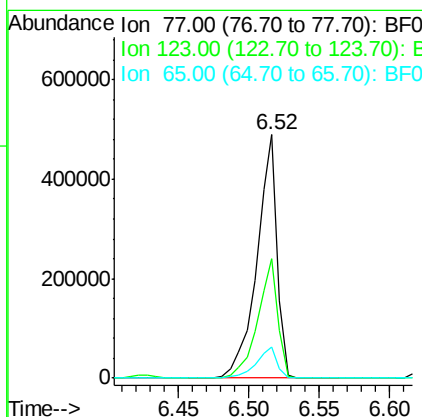
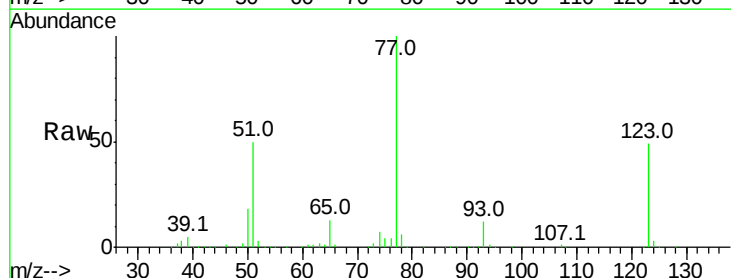
Manual Integrations
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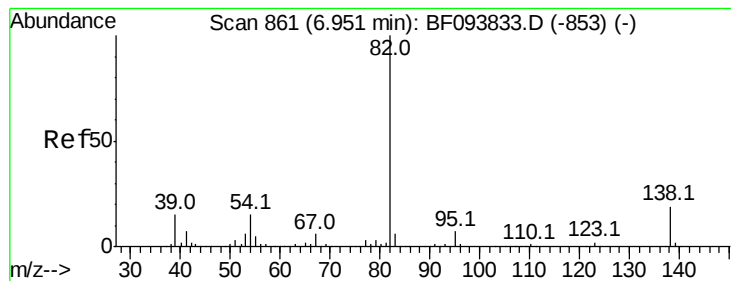
mohammad
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#24
 Nitrobenzene
 Concen: 43.60 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.0	35.8	53.8	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 43.72 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

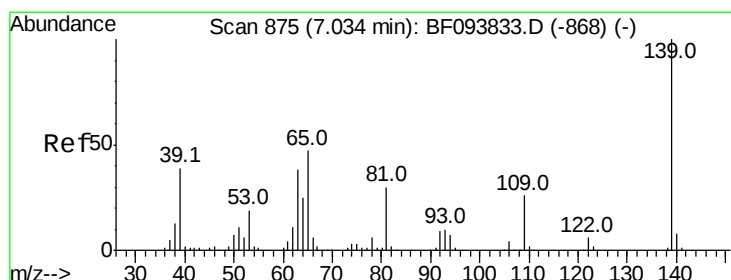
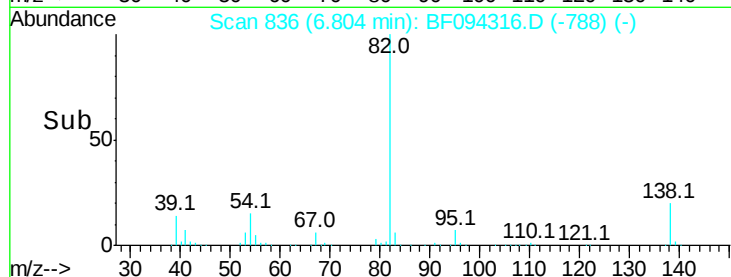
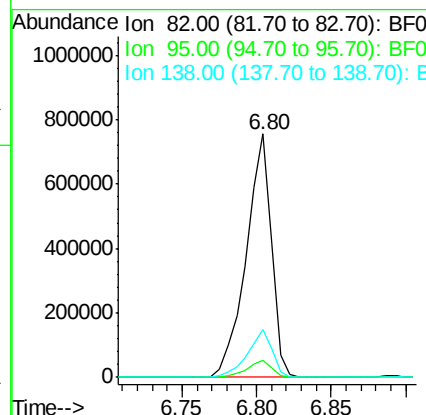
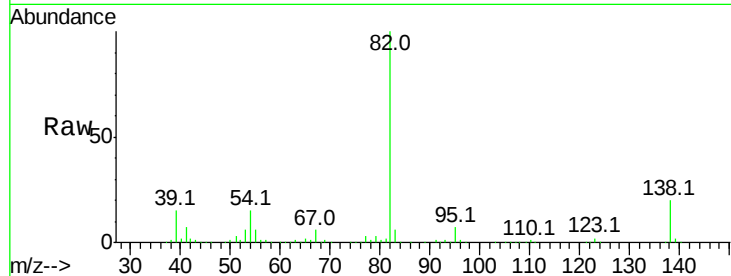
ClientSampleId :

PB98146BS

Tot Ion:	82	Resp:	885307
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.09 ng

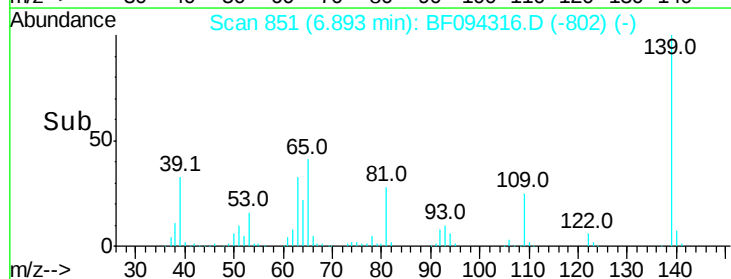
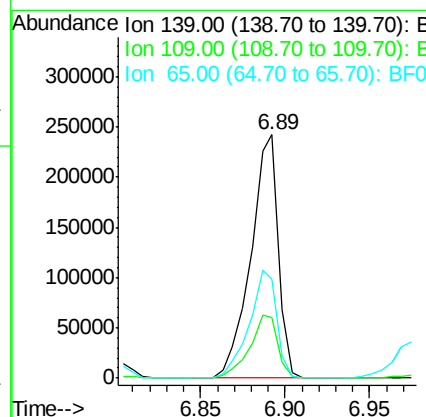
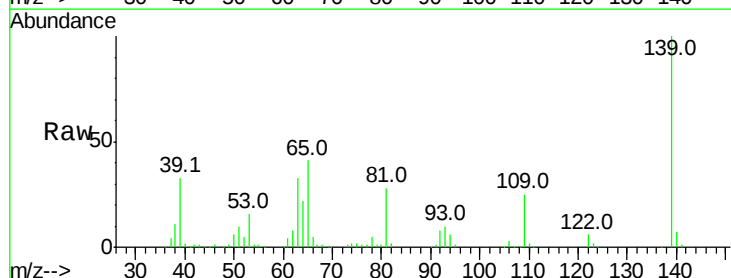
RT: 6.89 min Scan# 851

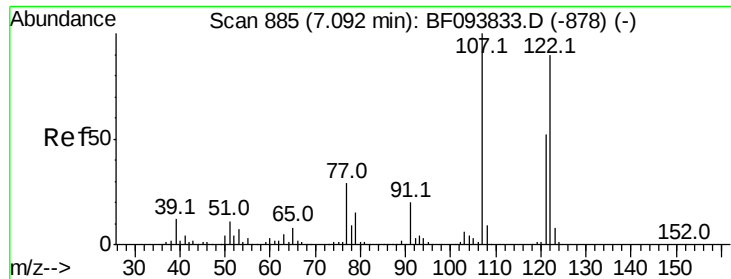
Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion:	139	Resp:	276916
Ion Ratio	Lower	Upper	
139	100		
109	25.1	21.0	31.6
65	40.6	33.0	49.6





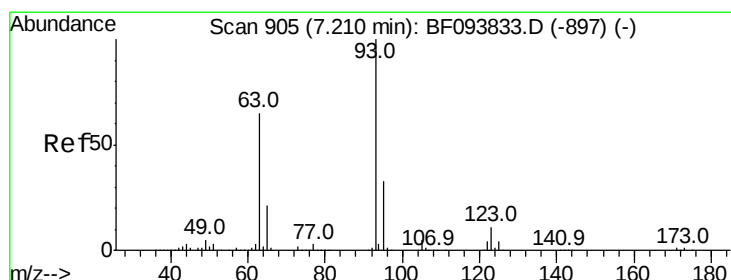
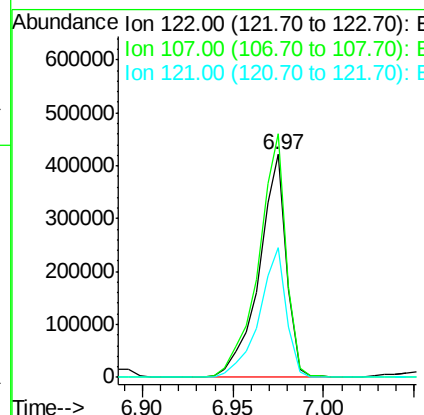
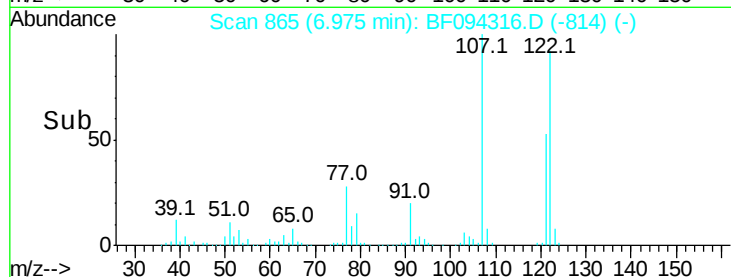
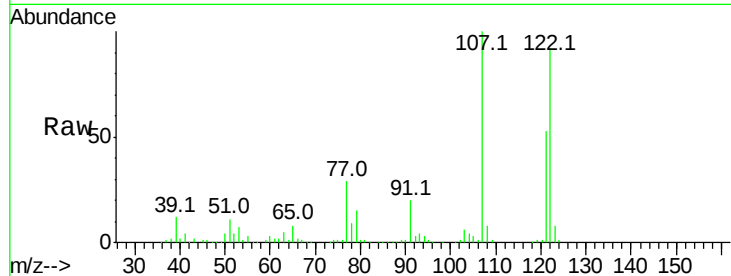
#27
2,4-Dimethylphenol
Concen: 47.37 ng
RT: 6.97 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	89.2	133.8
121	58.1	45.2	67.8

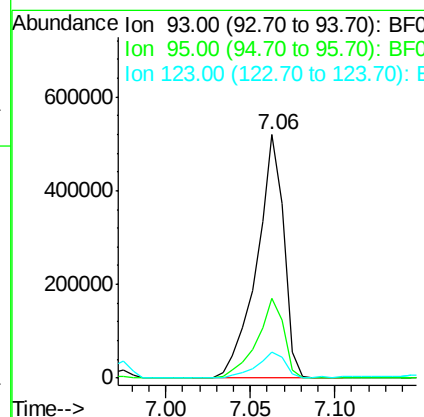
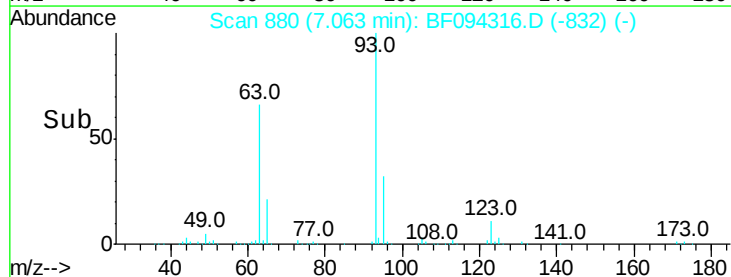
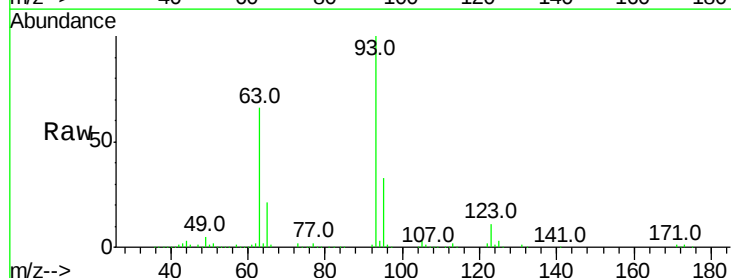
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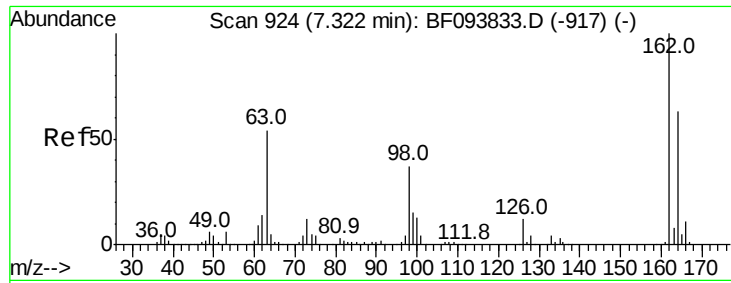
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.44 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	10.8	9.0	13.4





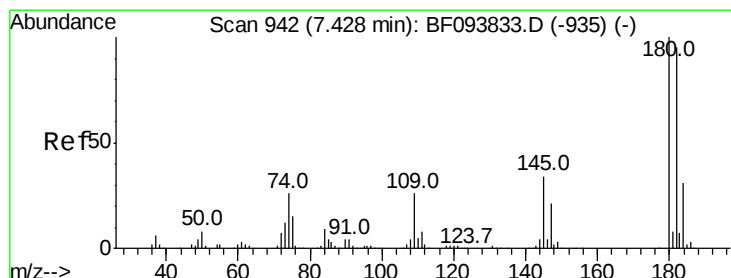
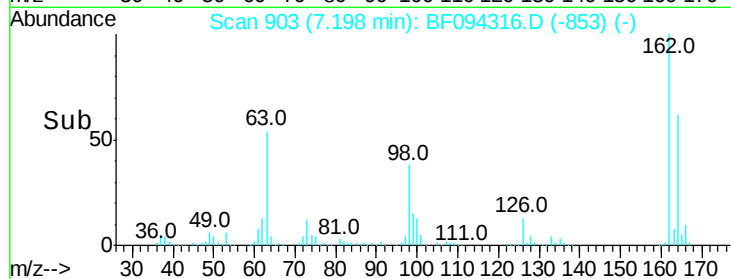
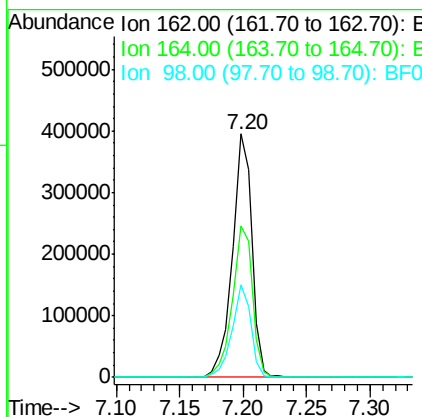
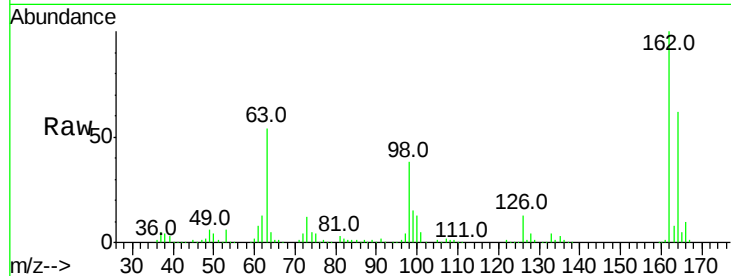
#29
 2,4-Dichlorophenol
 Concen: 47.70 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	416596		
164	62.2		44.6	84.6
98	37.8		14.8	54.8

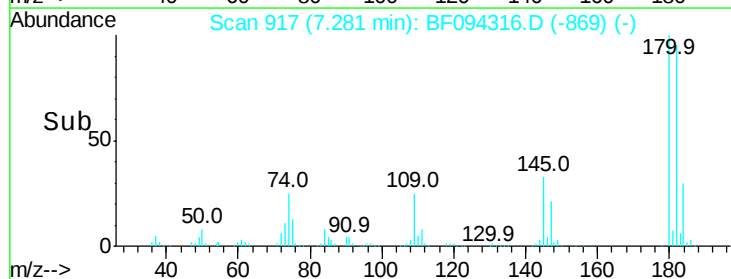
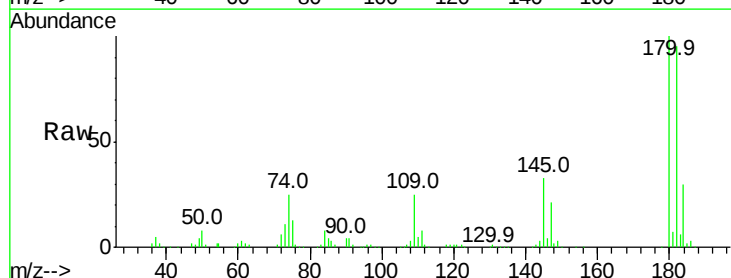
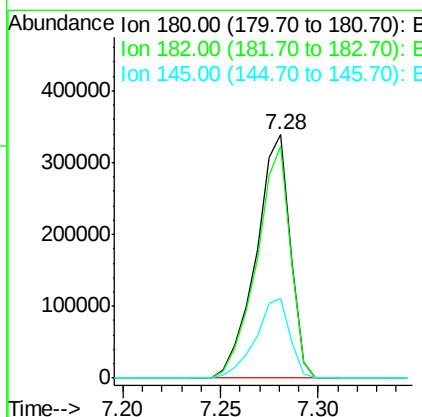
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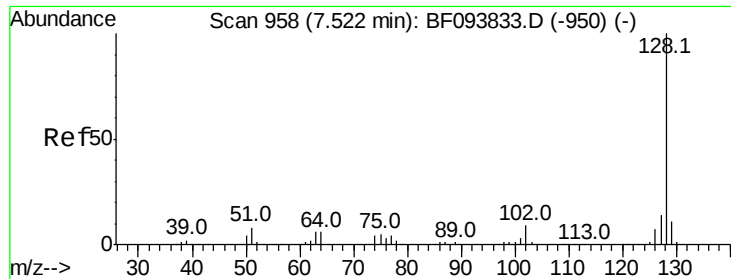
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.61 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	410259		
182	95.5		75.8	113.6
145	32.7		25.3	37.9





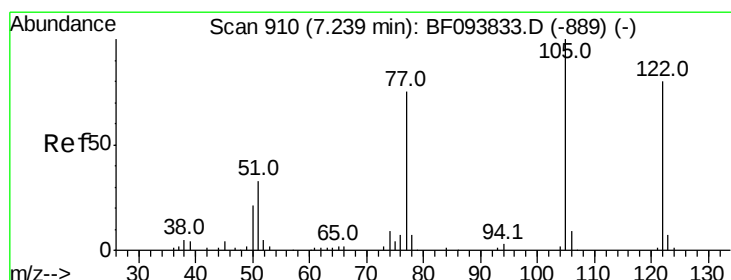
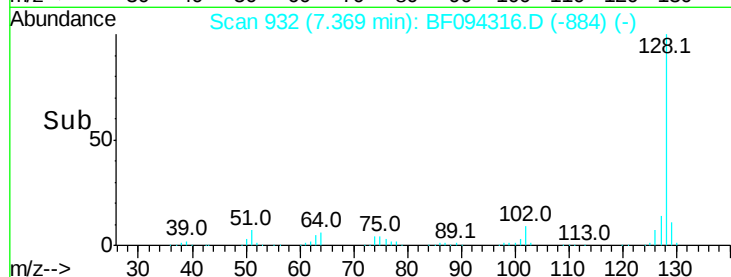
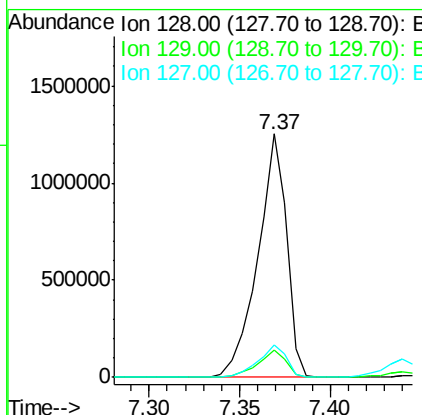
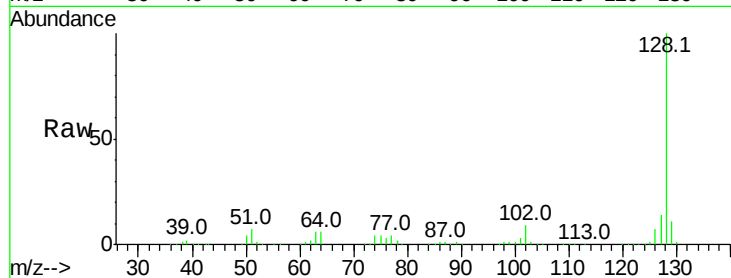
#31
Naphthalene
Concen: 43.59 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion:128 Resp: 1378463
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

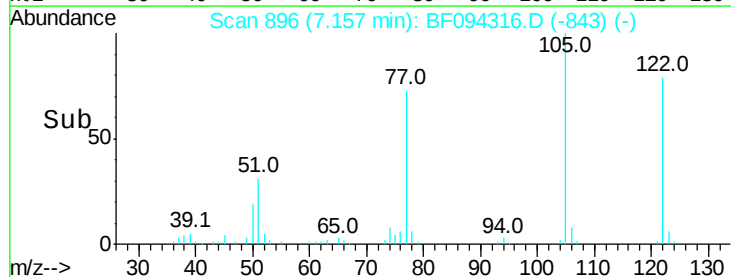
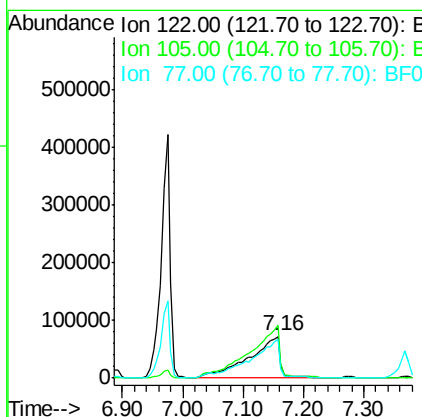
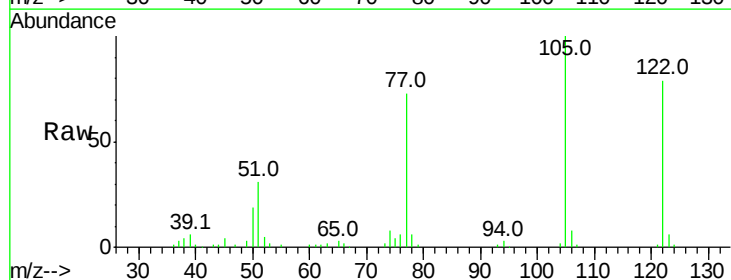
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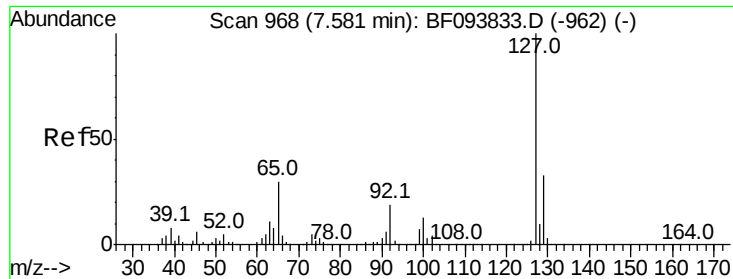
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#32
Benzoic acid
Concen: 41.28 ng
RT: 7.16 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:122 Resp: 256646
Ion Ratio Lower Upper
122 100
105 126.6 103.3 143.3
77 92.5 73.7 113.7





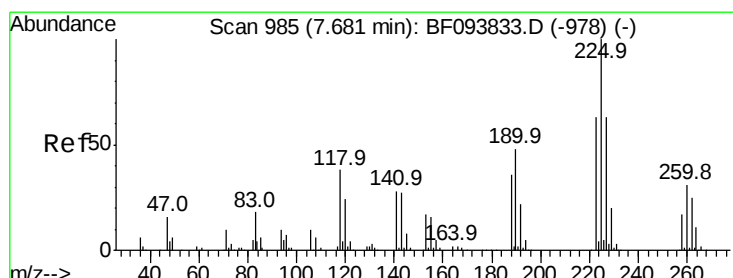
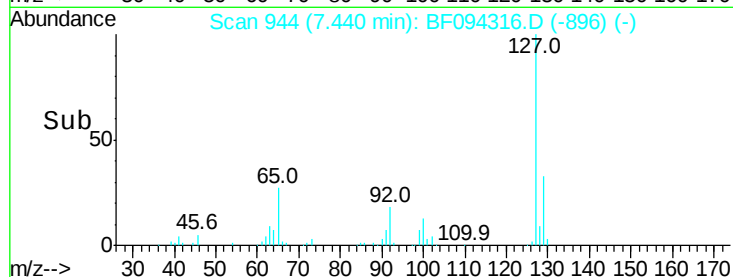
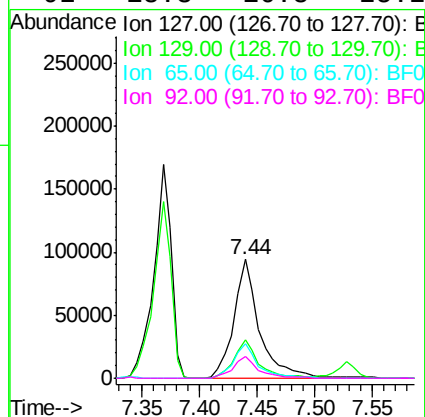
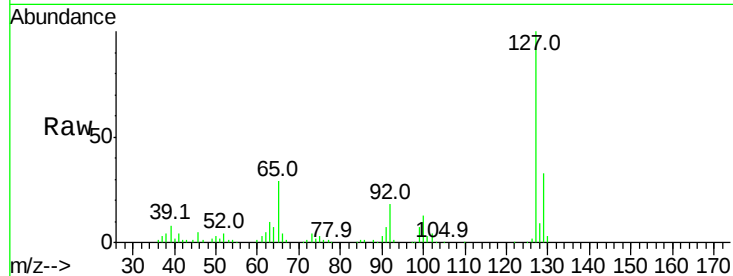
#33
4-Chloroaniline
Concen: 11.31 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.2		
65	29.5	27.8	41.8		
92	18.3	16.8	25.2		

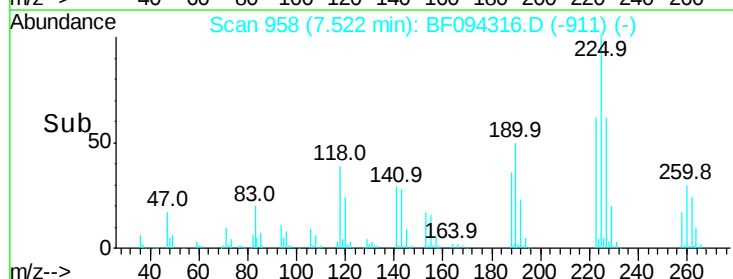
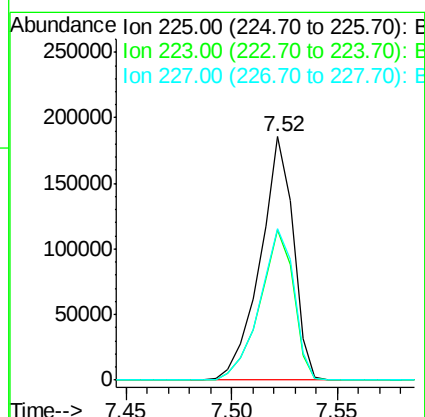
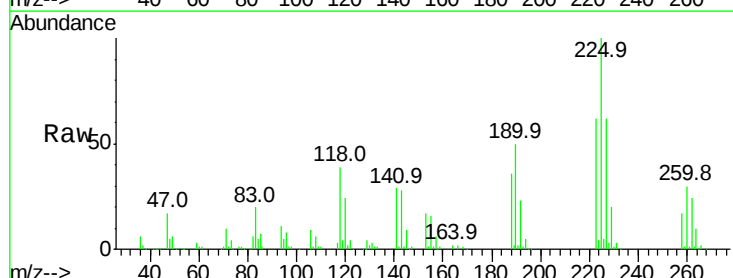
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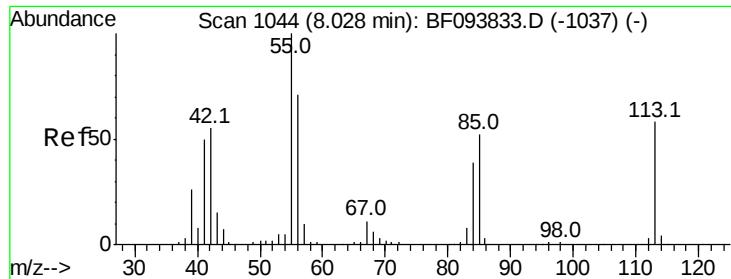
mohammad
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#34
Hexachlorobutadiene
Concen: 43.82 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	48.8	73.2		
227	62.4	51.1	76.7		





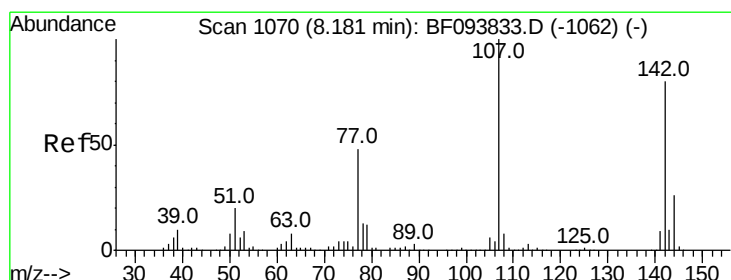
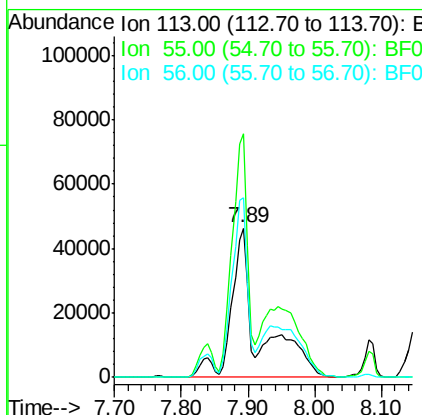
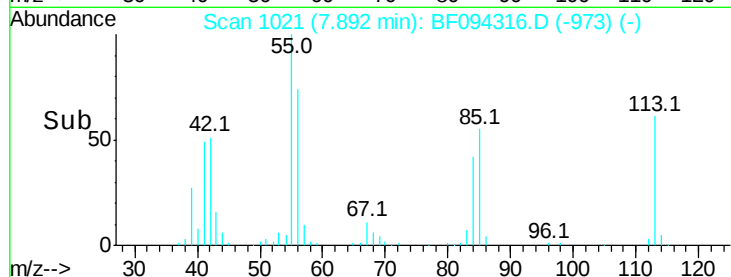
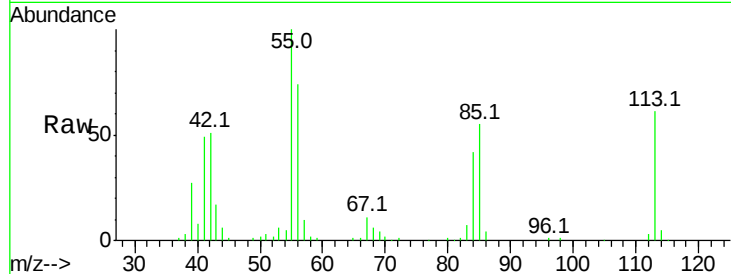
#35
 Caprolactam
 Concen: 47.37 ng/ml
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleID :
 PB98146BS

Tot Ion: 113 Resp: 131928
 Ion Ratio Lower Upper
 113 100
 55 163.1 150.2 190.2
 56 120.3 107.8 147.8

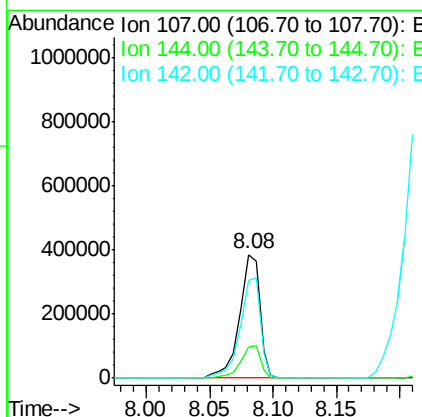
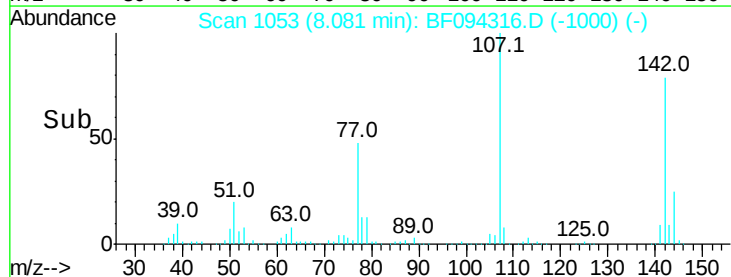
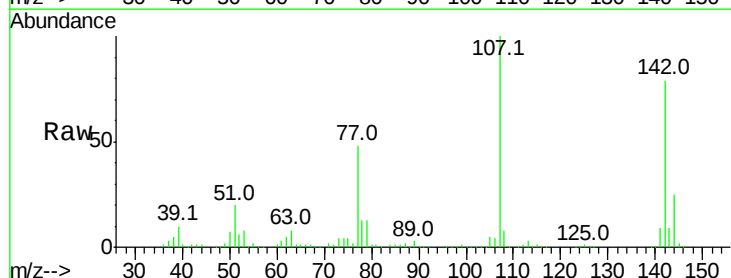
Manual Integrations
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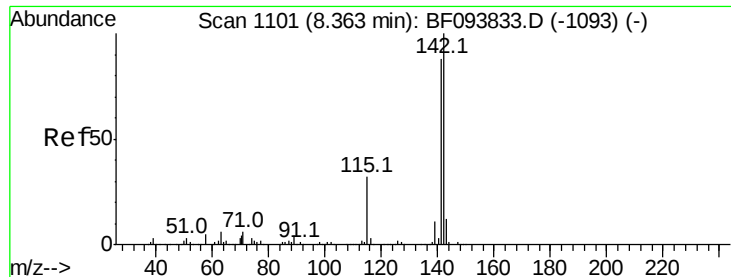
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.27 ng/ml
 RT: 8.08 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion: 107 Resp: 431380
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 78.6 73.4 110.0





#37

2-Methylnaphthalene

Concen: 45.38 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094316.D

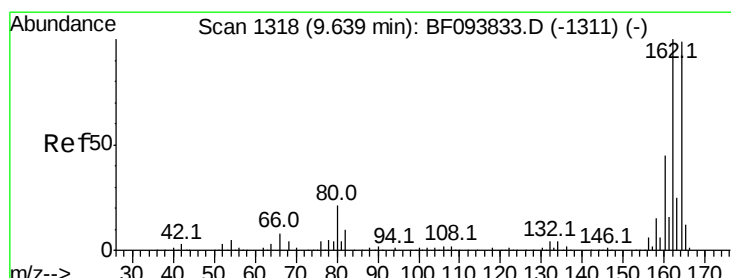
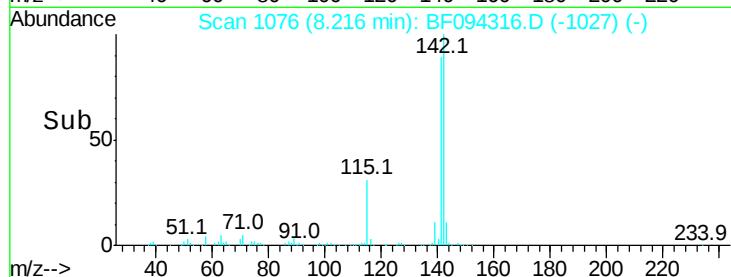
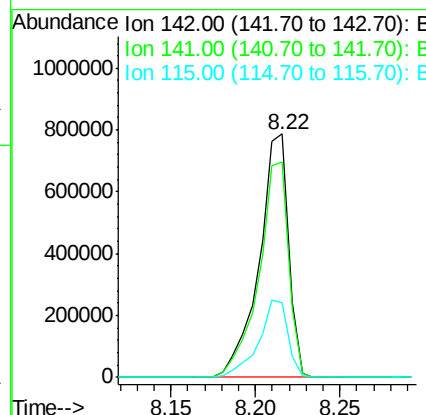
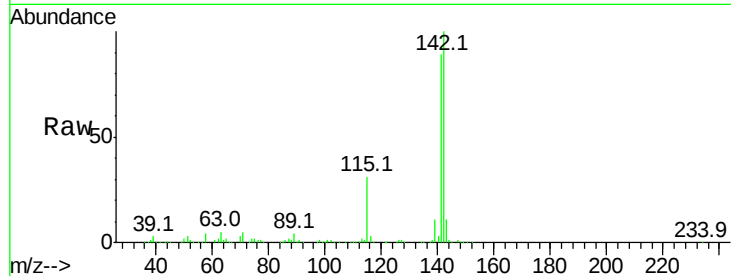
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	956652		
141	88.7	71.3	106.9	
115	30.9	27.1	40.7	

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#38

Acenaphthene-d10

Concen: 20.00 ng

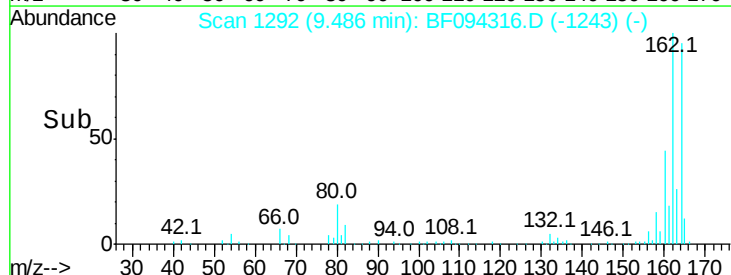
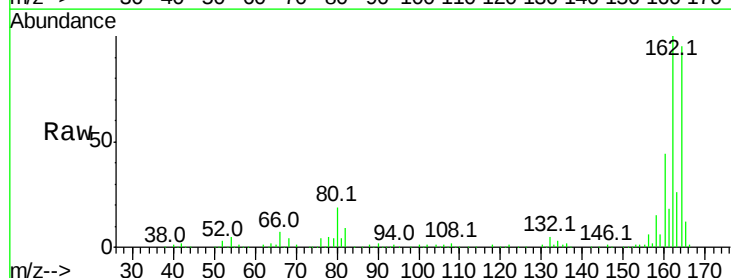
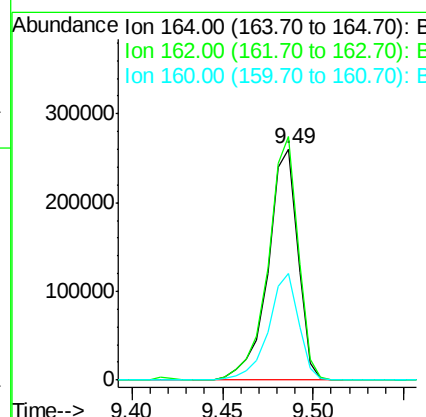
RT: 9.49 min Scan# 1292

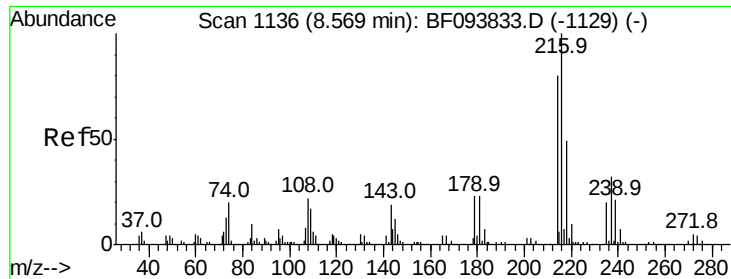
Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	299031		
162	105.3	82.6	123.8	
160	46.1	36.2	54.2	





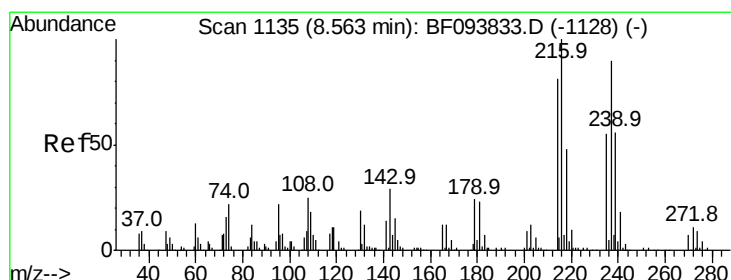
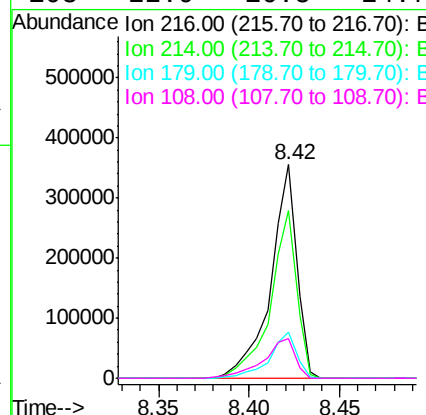
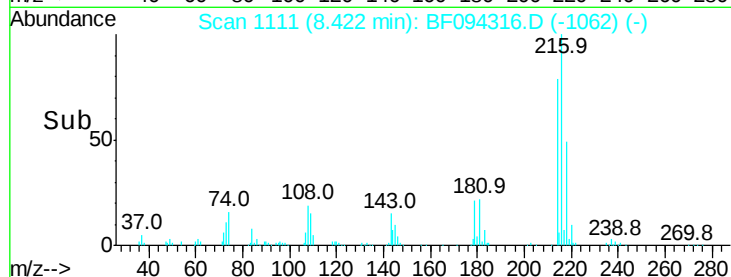
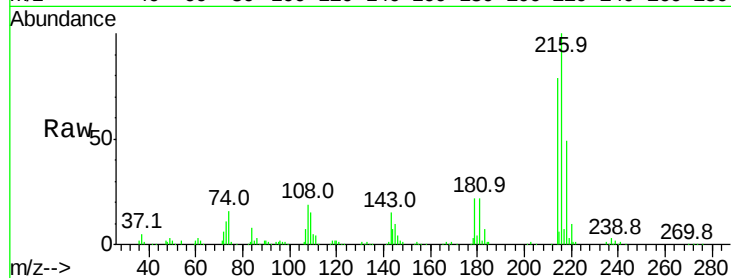
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.58 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.4	95.2	
179	22.1	17.9	26.9	
108	22.9	16.5	24.7	

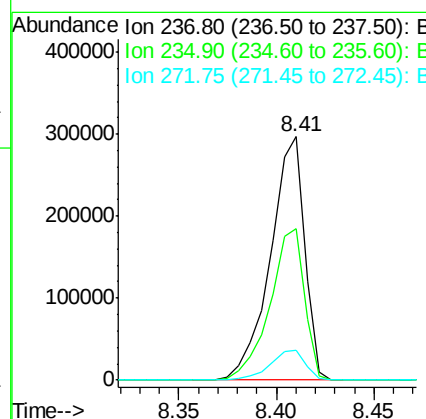
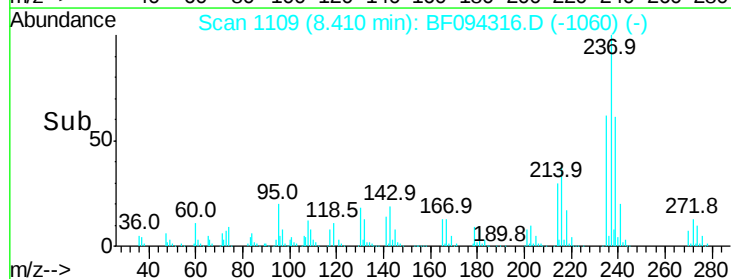
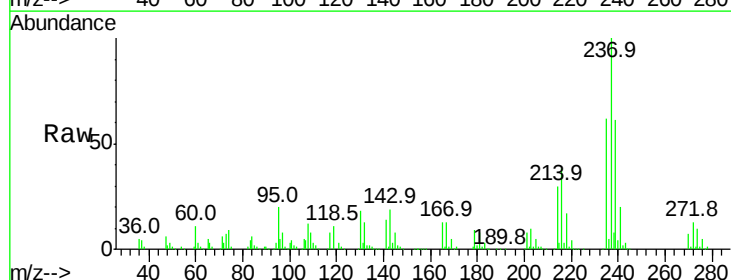
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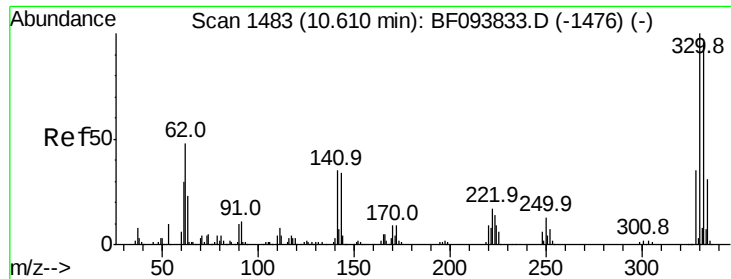
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#40
 Hexachlorocyclopentadiene
 Concen: 94.42 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	42.6	82.6	
272	12.5	0.0	31.9	





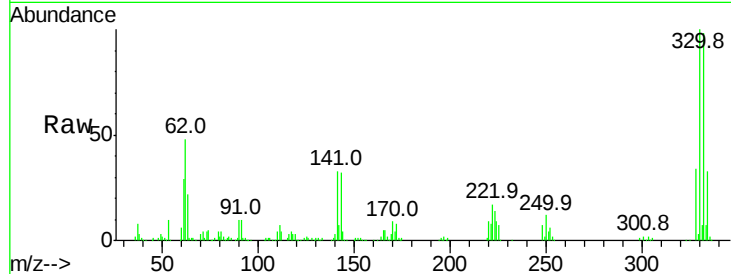
#41
 2,4,6-Tribromophenol
 Concen: 141.11 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

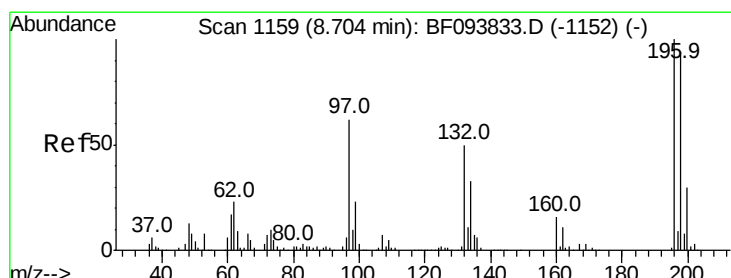
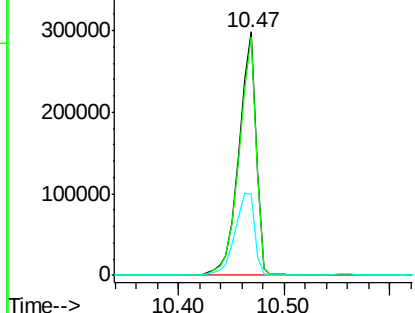
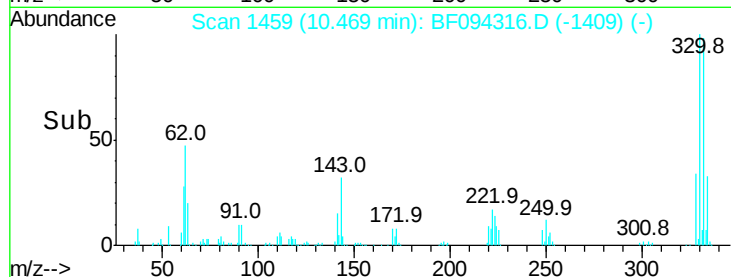
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.6	115.0	
141	38.6	31.4	47.2	

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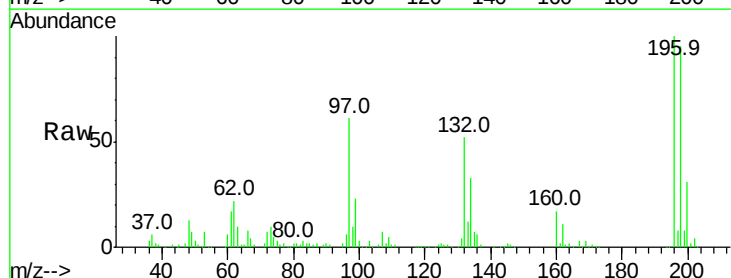


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

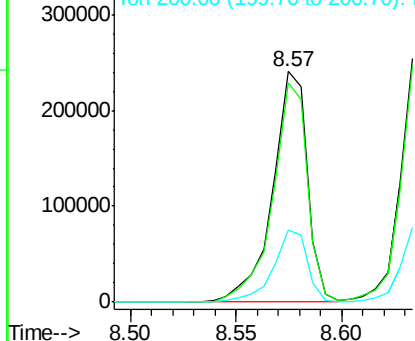
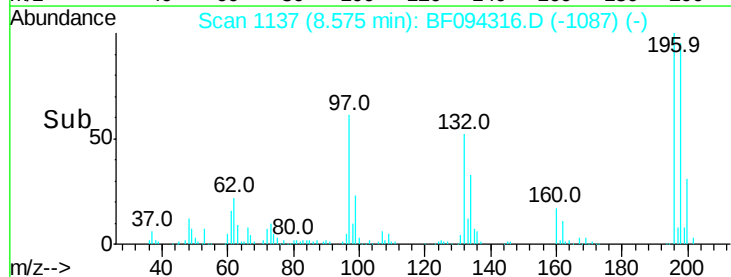


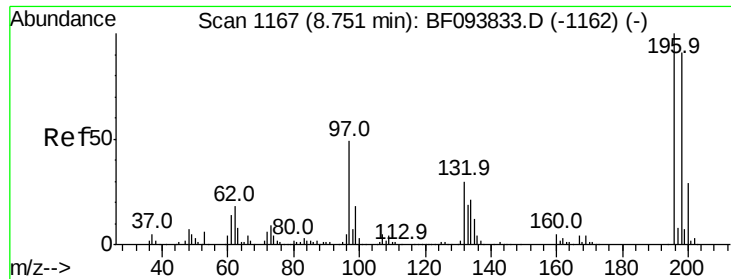
#42
 2,4,6-Trichlorophenol
 Concen: 47.66 ng
 RT: 8.57 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.9	74.2	111.4	
200	31.3	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





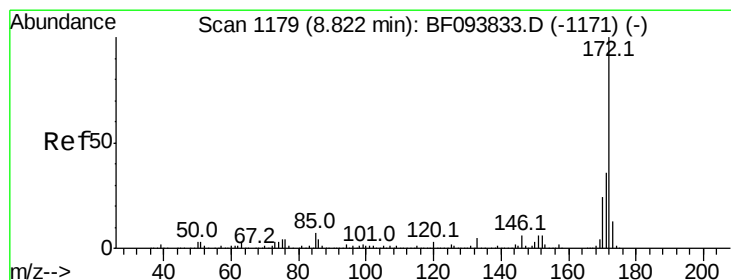
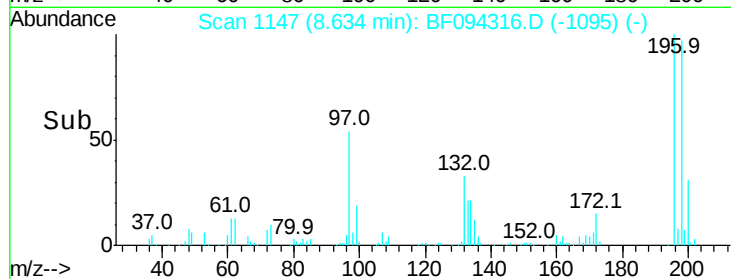
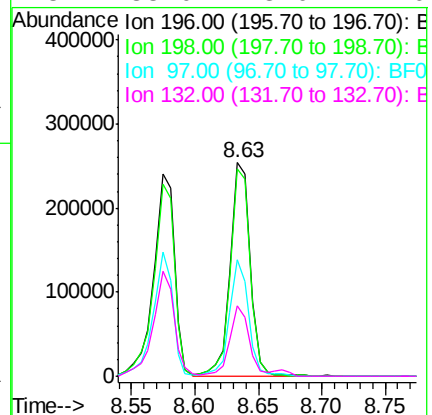
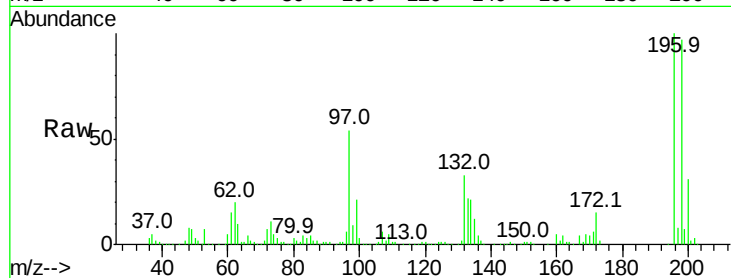
#43
 2,4,5-Trichlorophenol
 Concen: 44.01 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion:	196	Resp:	275603
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.7	113.5
97	54.4	47.7	71.5
132	33.0	28.0	42.0

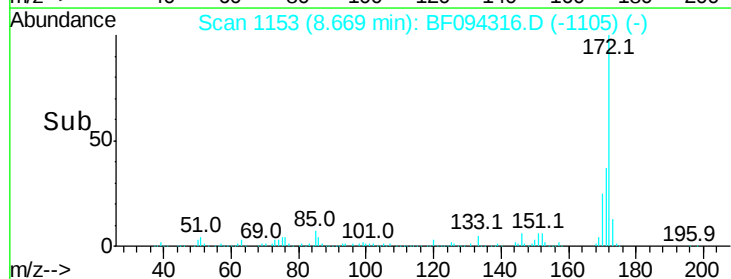
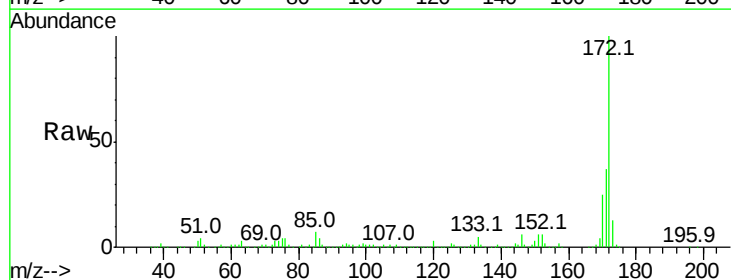
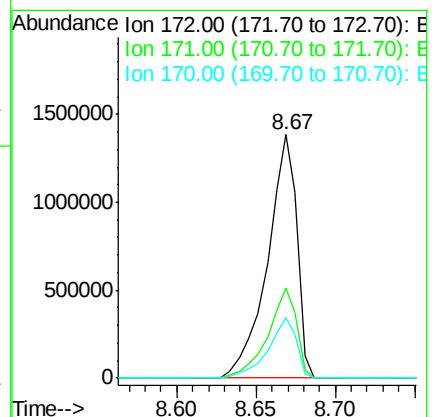
Manual Integrations
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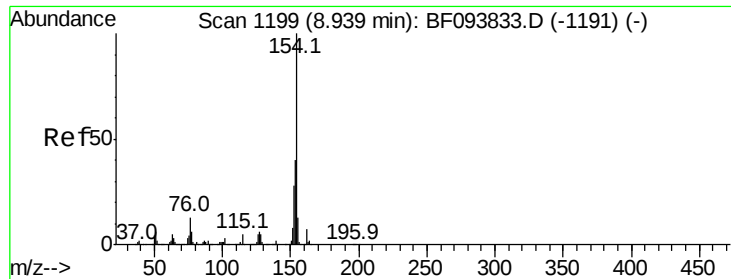
mohammad
 4/11/2017 12:53:14 PM



#44
 2-Fluorobiphenyl
 Concen: 91.00 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:	172	Resp:	1784105
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.7	19.8	29.8





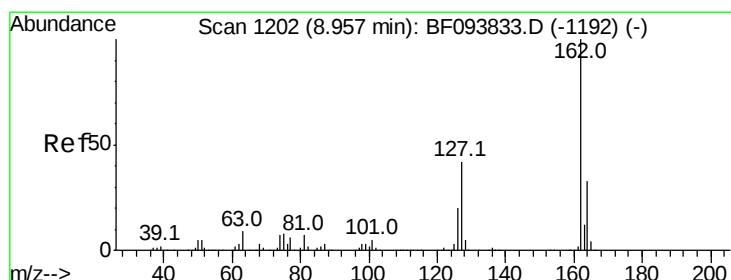
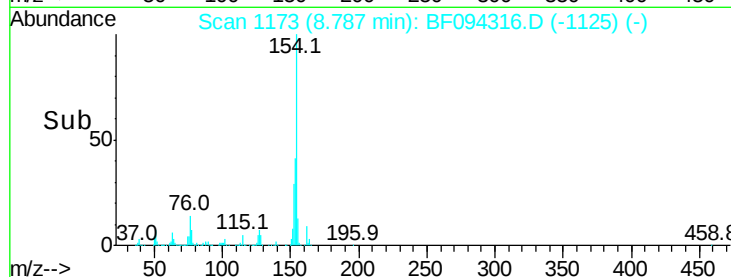
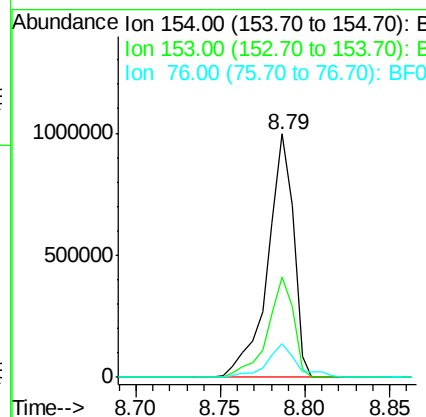
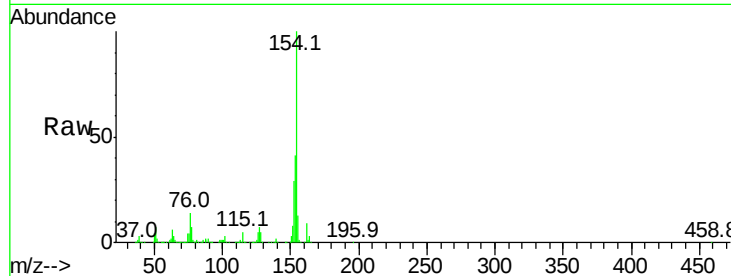
#45
1,1'-Biphenyl
Concen: 43.84 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.2	61.2
76	14.0	0.0	29.9

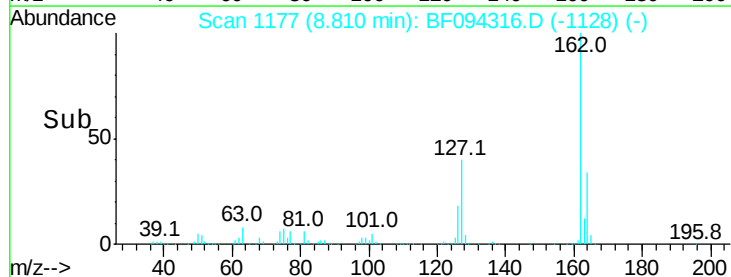
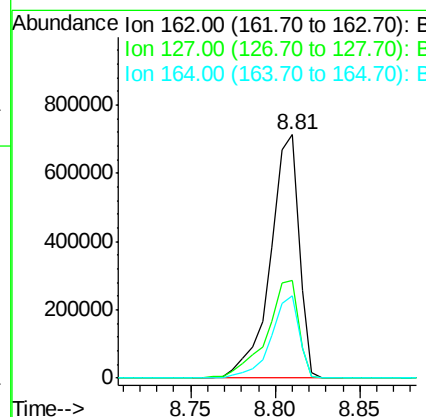
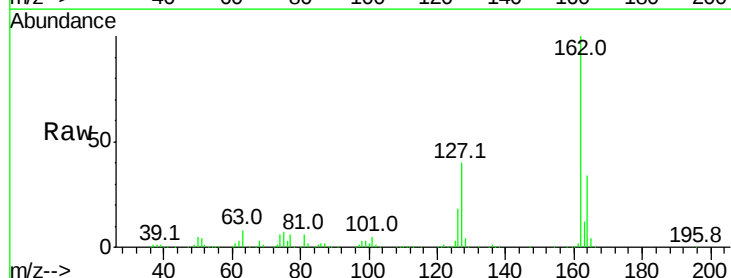
Manual Integrations
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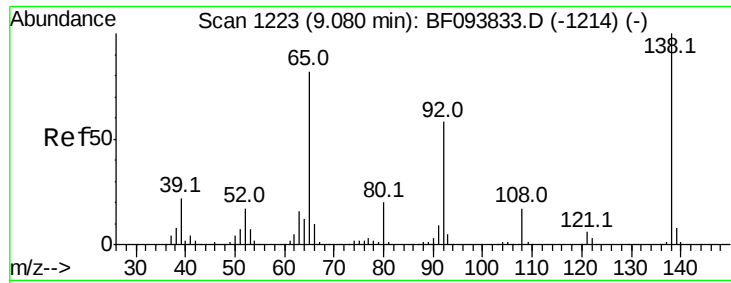
mohammad
4/11/2017 12:53:14 PM



#46
2-Chloronaphthalene
Concen: 44.52 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	28.3	42.5
164	33.8	27.0	40.4





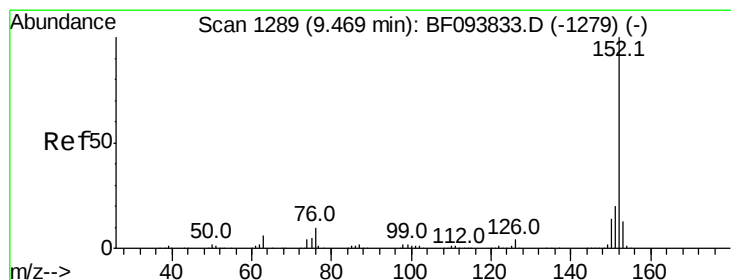
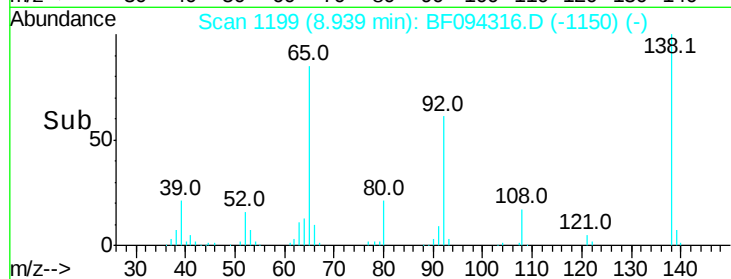
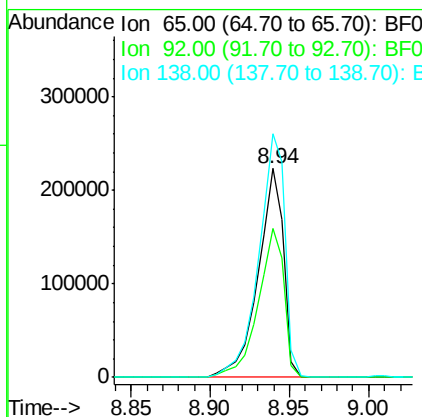
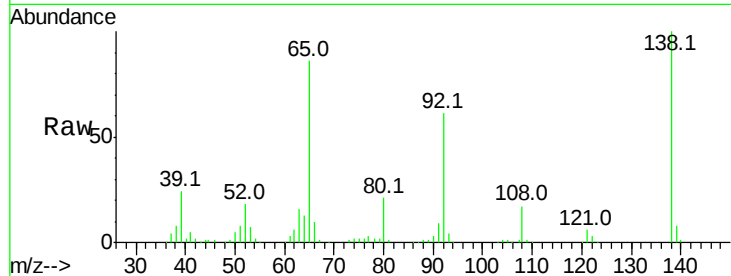
#47
2-Nitroaniline
Concen: 44.78 ng
RT: 8.94 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.9	80.9
138	116.5	78.8	118.2

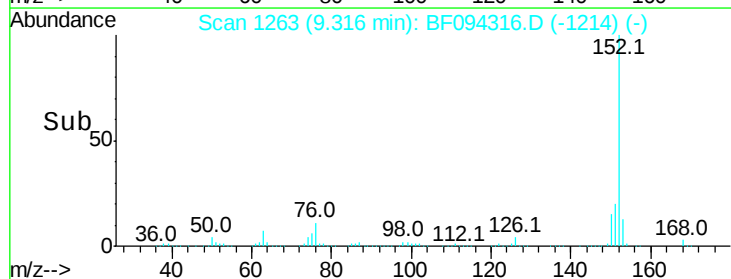
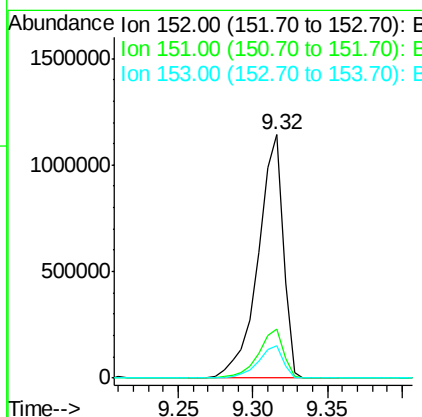
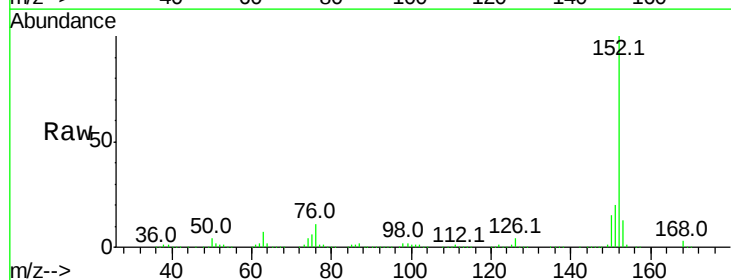
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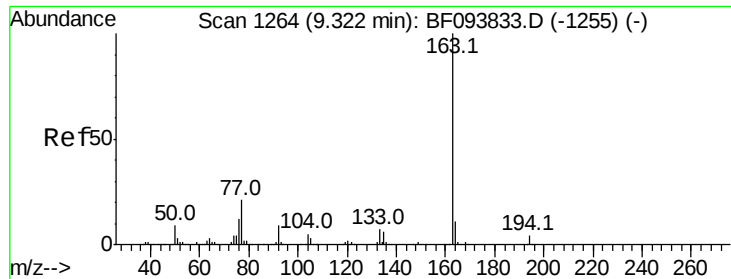
mohammad
4/11/2017 12:53:14 PM



#48
Acenaphthylene
Concen: 41.98 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.4	10.8	16.2





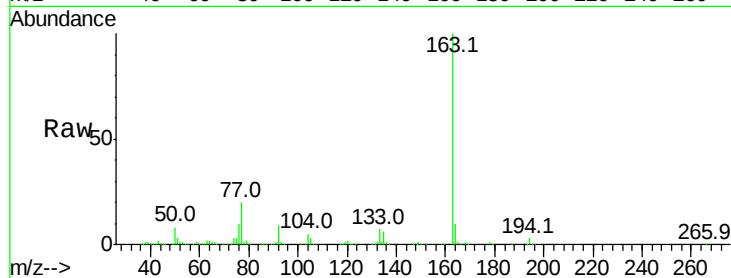
#49
Dimethylphthalate
Concen: 47.17 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6

Manual Integrations
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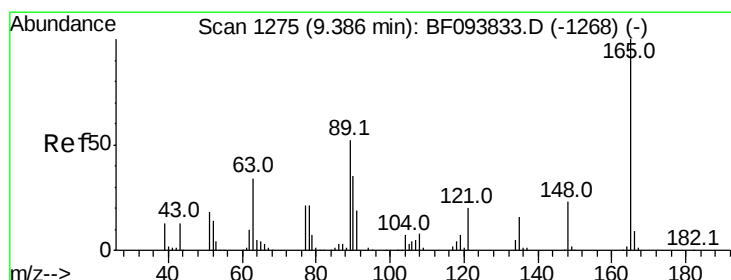
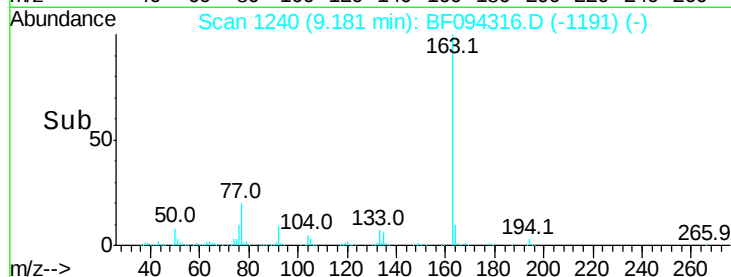
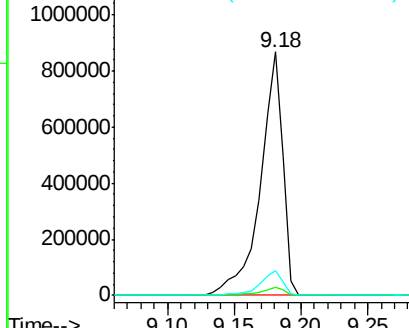


Abundance

Ion 163.00 (162.70 to 163.70): E

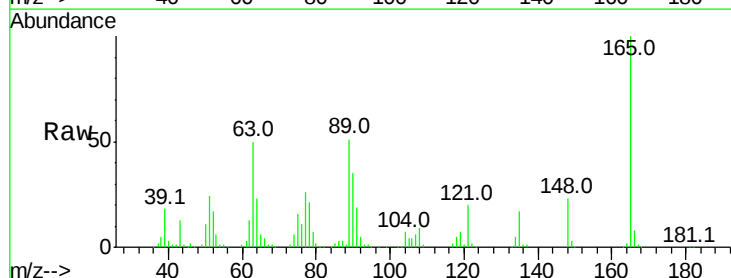
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 47.05 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	34.3	51.5
89	51.1	37.1	55.7

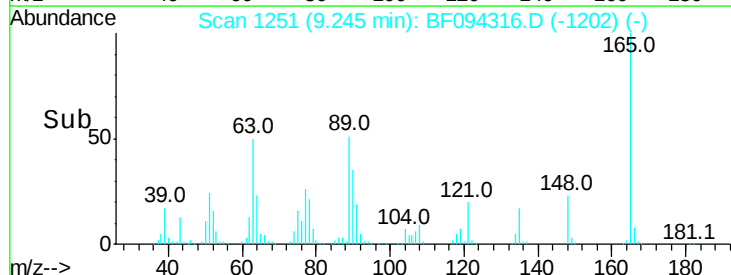
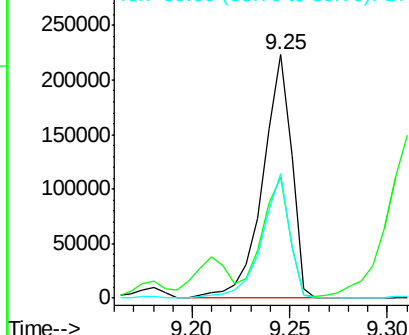


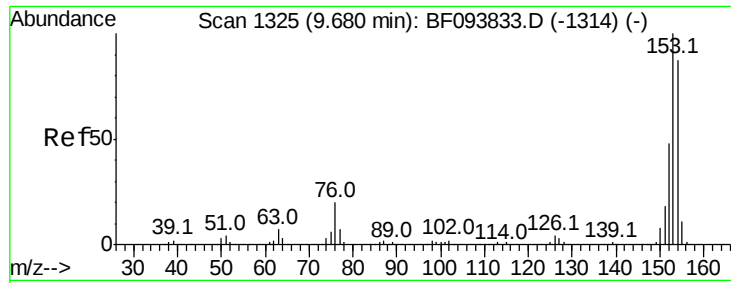
Abundance

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





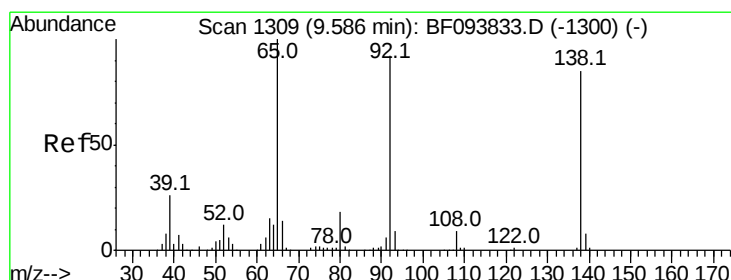
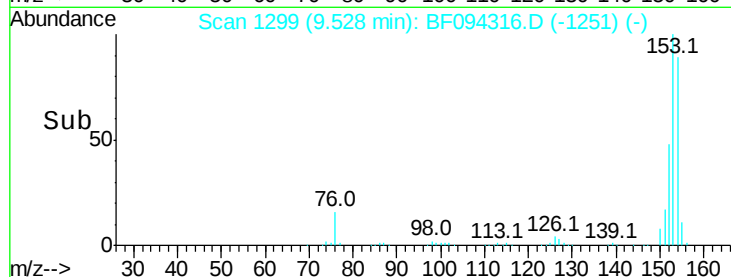
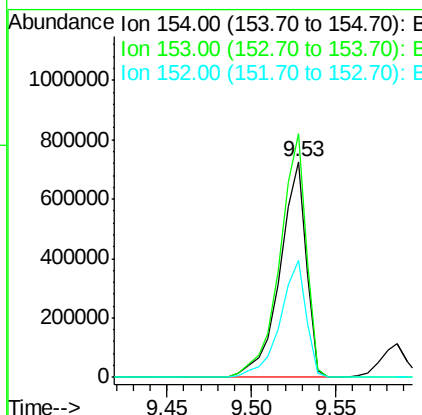
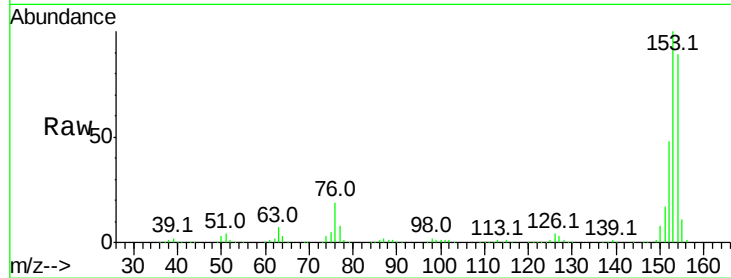
#51
Acenaphthene
Concen: 43.21 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	54.1	43.6	65.4

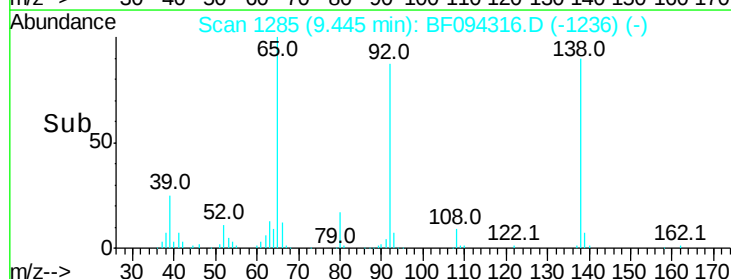
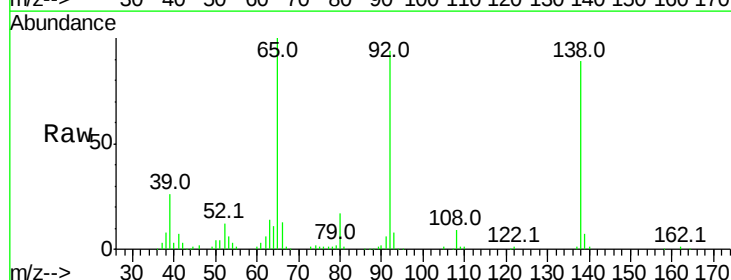
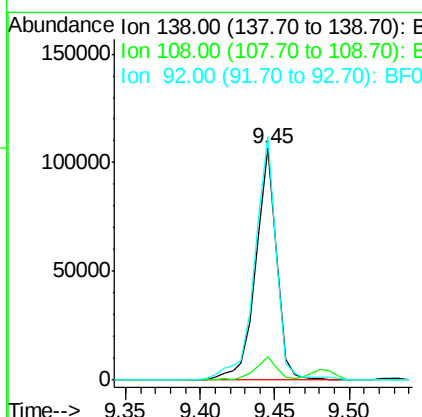
Manual Integrations
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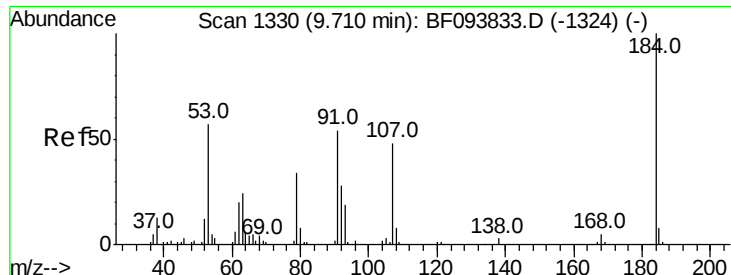
mohammad
4/11/2017 12:53:14 PM



#52
3-Nitroaniline
Concen: 17.97 ng
RT: 9.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	104.9	93.8	140.6





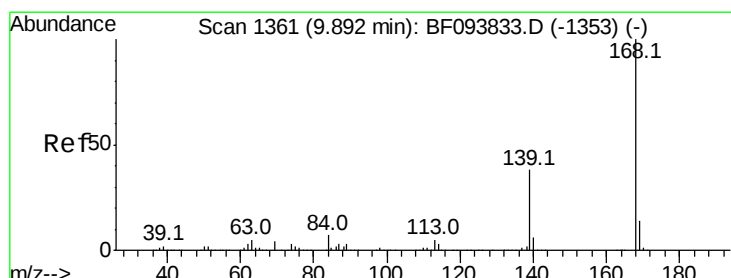
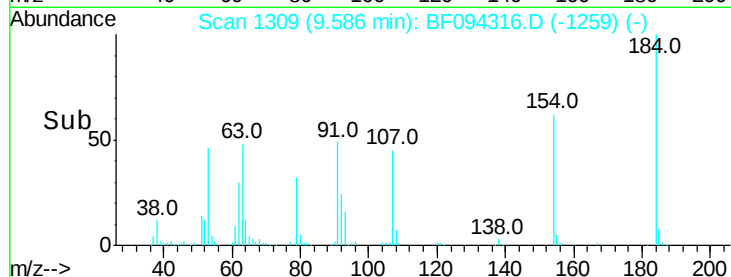
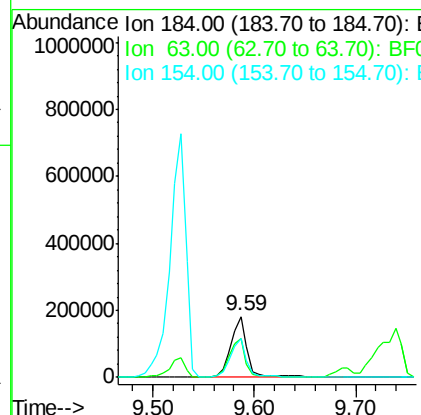
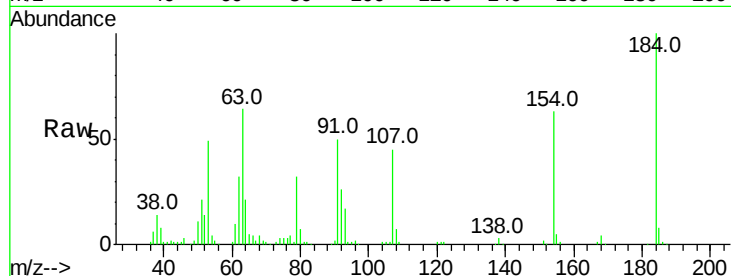
#53
 2,4-Dinitrophenol
 Concen: 79.93 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	208402		
63	64.0	62.7	94.1	
154	62.5	81.1	121.7	

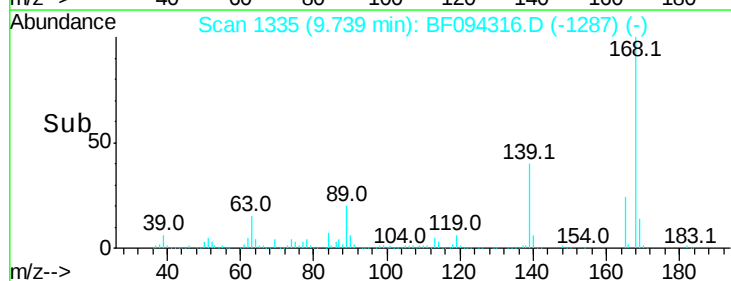
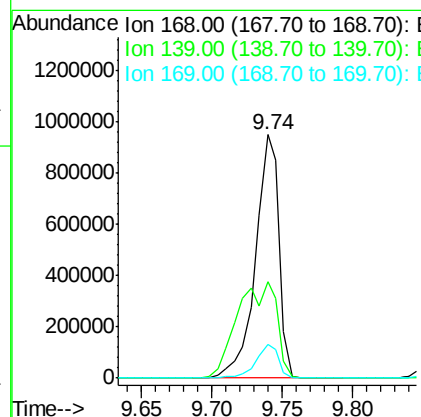
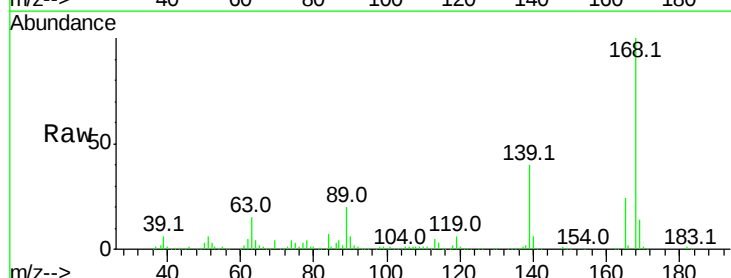
Manual Integrations
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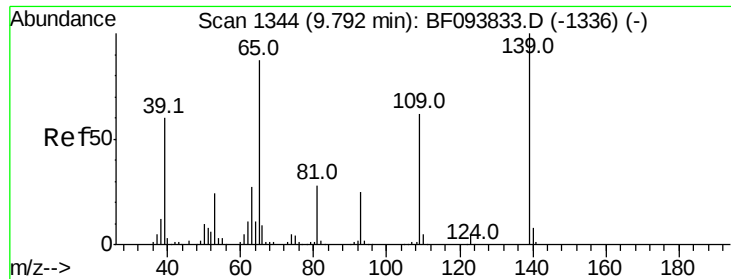
mohammad
 4/11/2017 12:53:14 PM



#54
 Dibenzofuran
 Concen: 44.45 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1107938		
139	39.7	30.6	45.8	
169	13.9	10.8	16.2	





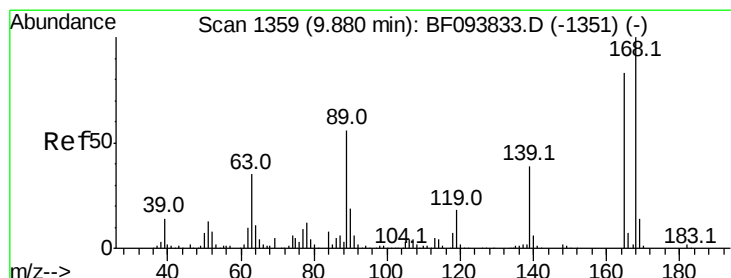
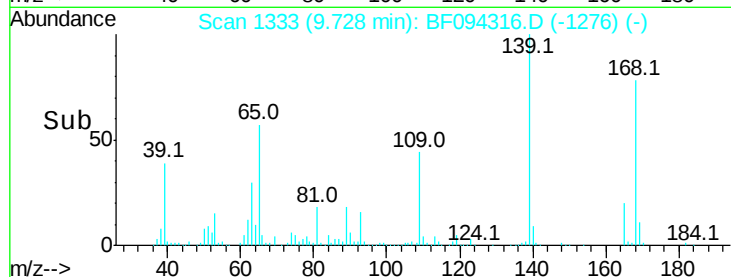
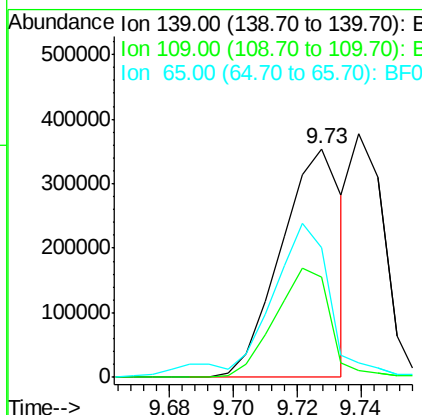
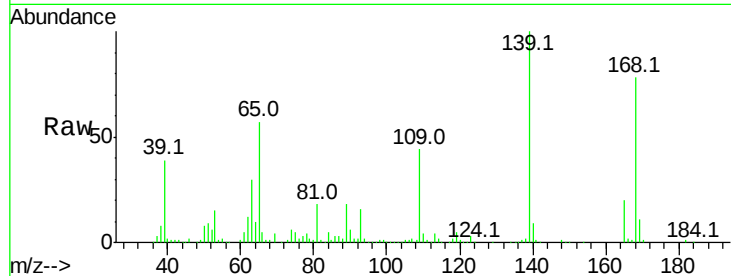
#55
4-Nitrophenol
Concen: 104.72 ng/mL
RT: 9.73 min Scan# 1333
Delta R.T. 0.04 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	469262		
109	43.7		34.1	74.1
65	56.8		31.4	71.4

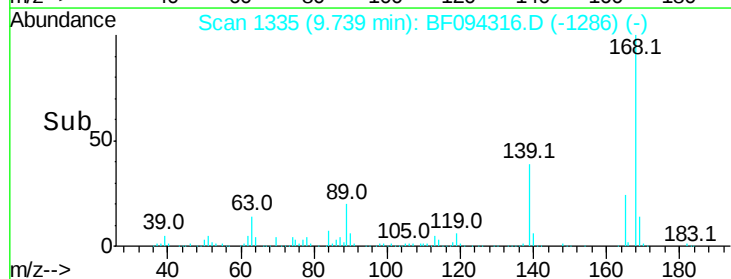
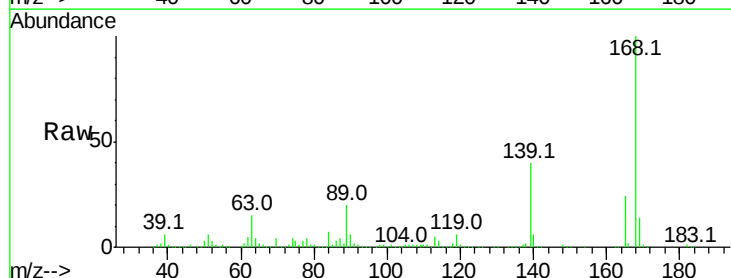
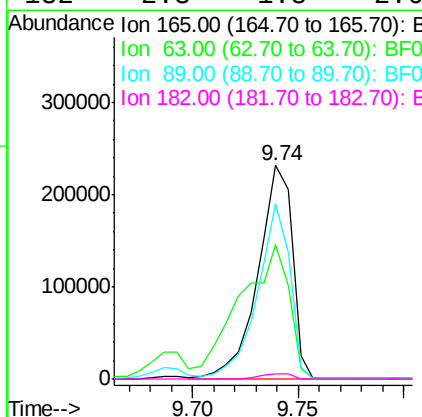
Manual Integrations
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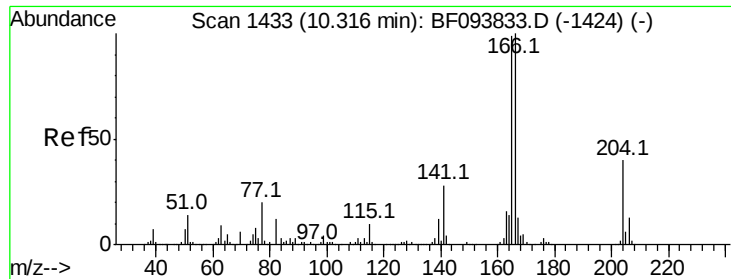
mohammad
4/11/2017 12:53:14 PM



#56
2,4-Dinitrotoluene
Concen: 42.84 ng/mL
RT: 9.74 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	262210		
63	62.7		25.4	38.0#
89	81.9		46.4	69.6#
182	2.3		1.8	2.6





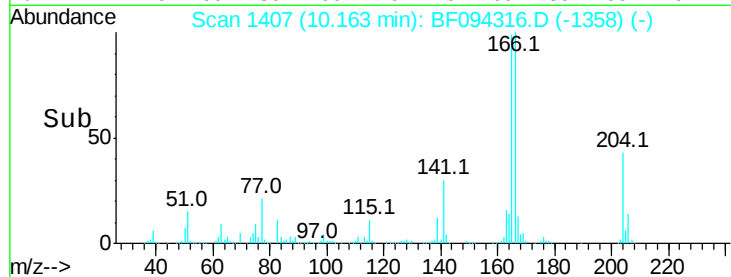
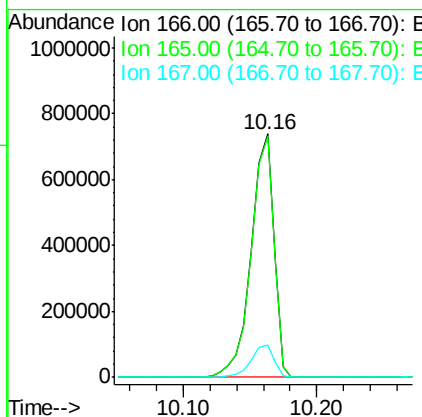
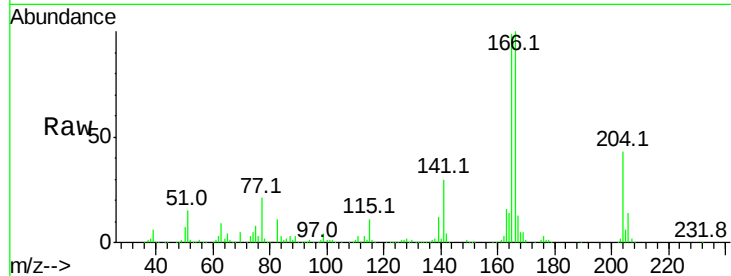
#57
Fluorene
 Concen: 41.48 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	857435		
165	99.0		78.8	118.2
167	13.5		10.6	16.0

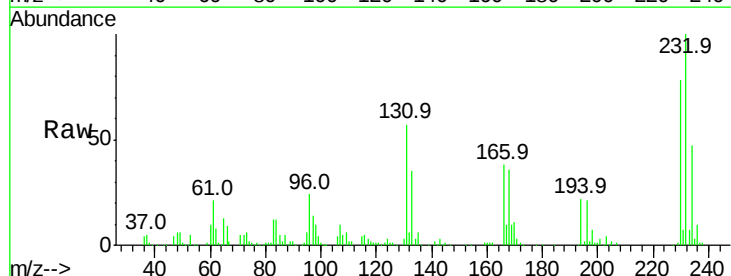
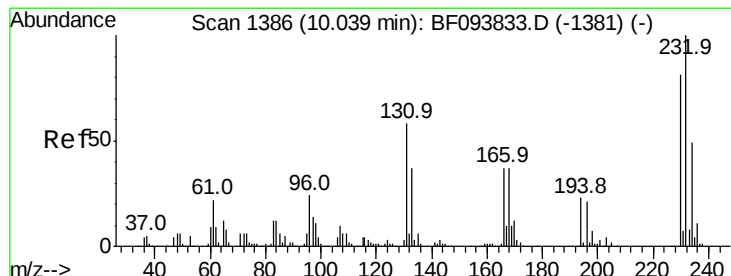
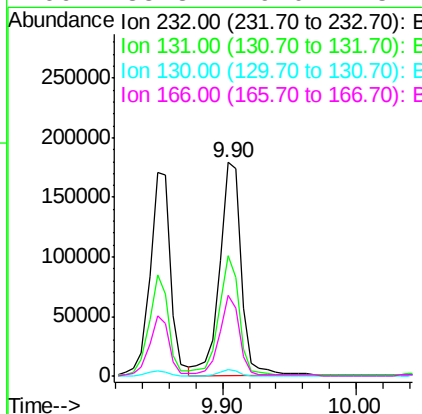
Manual Integrations
 APPROVED

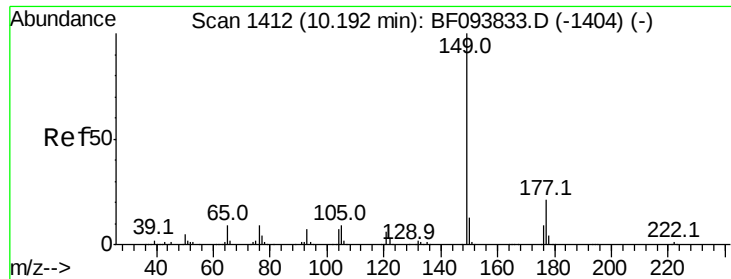
mohammad
 4/11/2017 12:53:14 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.87 ng
 RT: 9.90 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205690		
131	53.6		44.8	67.2
130	2.5		2.3	3.5
166	35.3		29.0	43.4





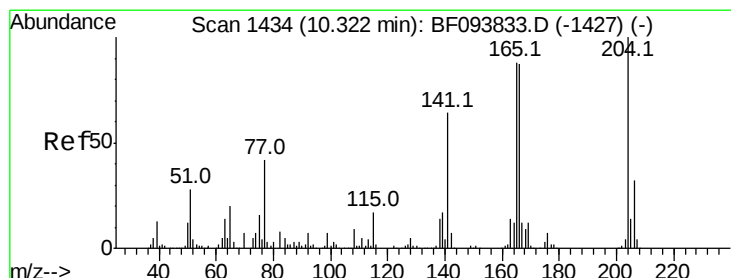
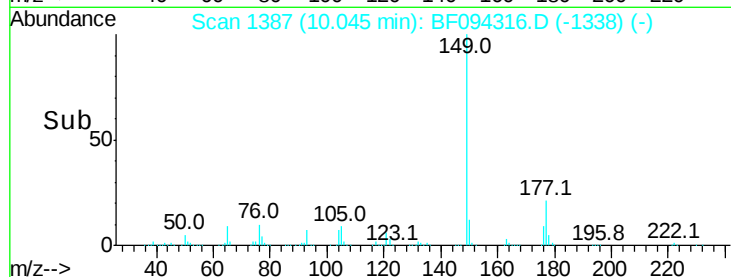
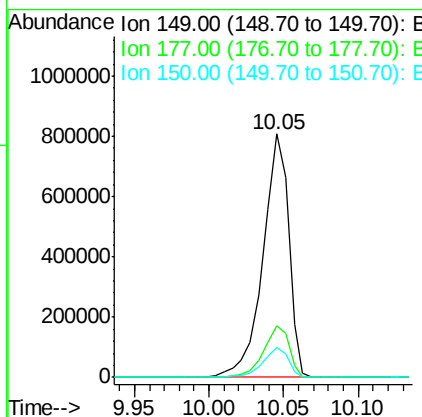
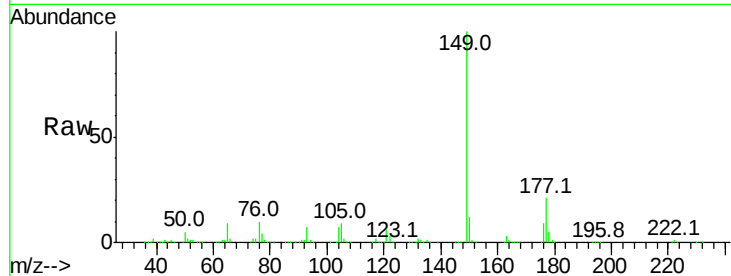
#59
Diethylphthalate
Concen: 45.84 ng
RT: 10.05 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampled :
PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.4	16.7	25.1	
150	12.3	10.2	15.2	

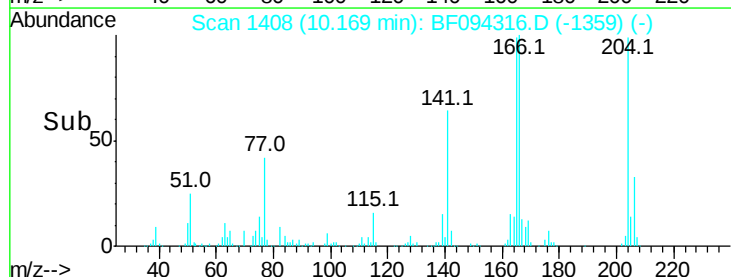
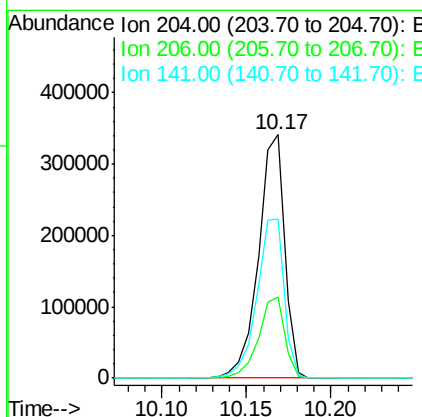
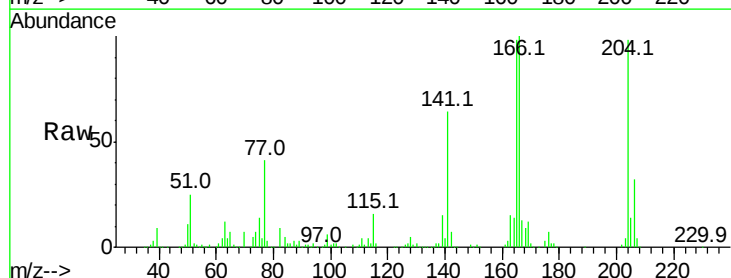
Manual Integrations
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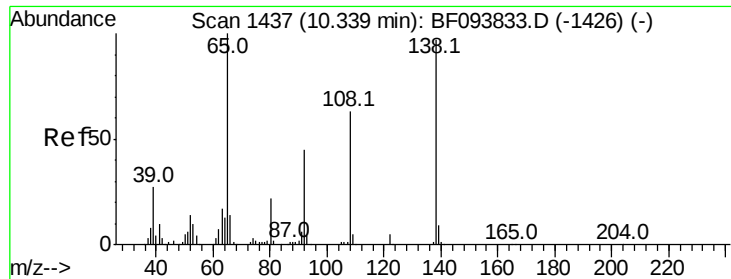
mohammad
4/11/2017 12:53:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.86 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.2	39.2	
141	65.1	60.8	91.2	





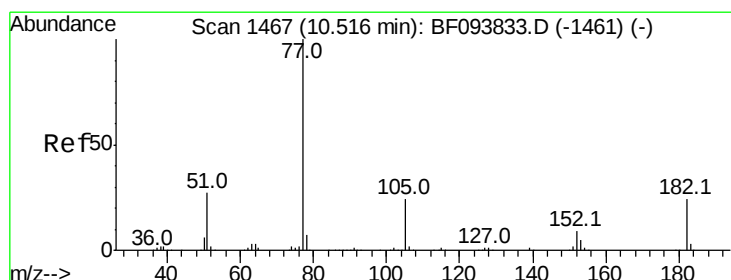
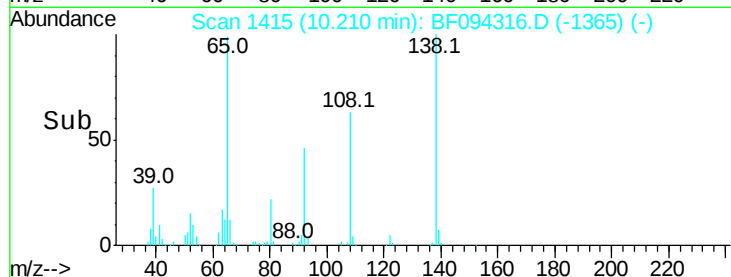
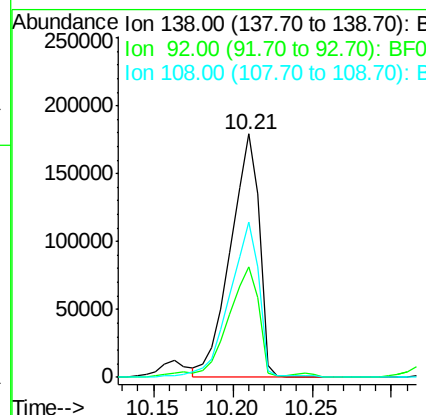
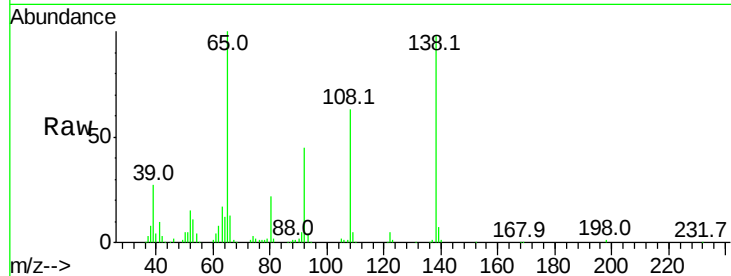
#61
4-Nitroaniline
Concen: 41.19 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.5	21.8	61.8
108	63.8	42.3	82.3

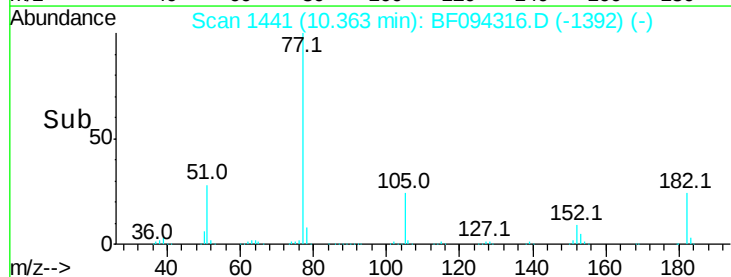
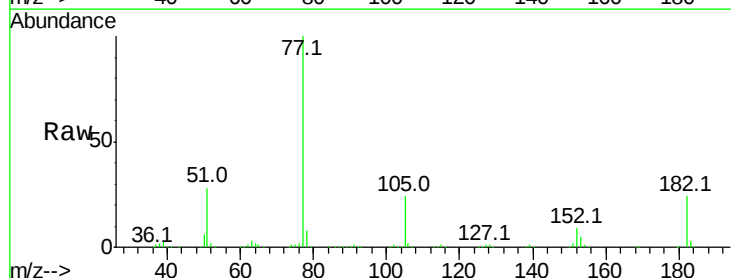
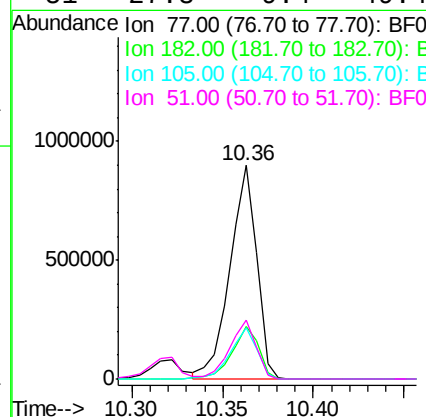
Manual Integrations
APPROVED

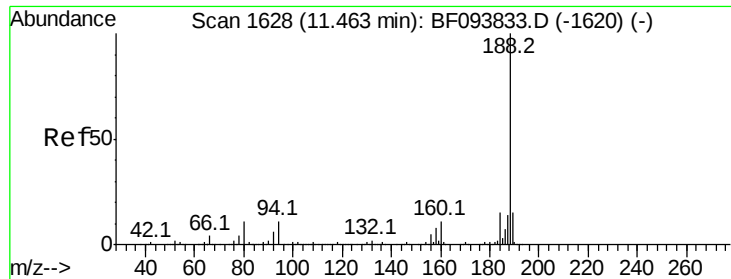
mohammad
4/11/2017 12:53:14 PM



#62
Azobenzene
Concen: 46.48 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	0.1	40.1
105	24.0	3.6	43.6
51	27.8	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

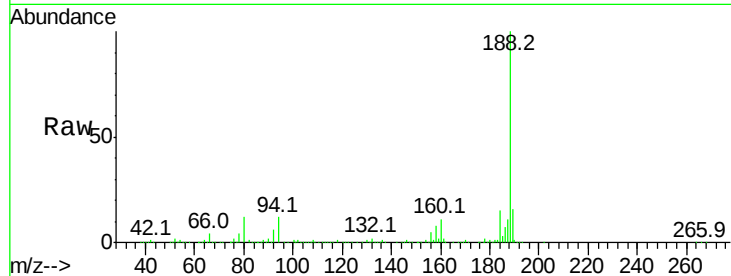
ClientSampleId :

PB98146BS

Tot Ion:	188	Resp:	513158
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.4	14.2
80	12.2	10.2	15.2

Manual Integrations
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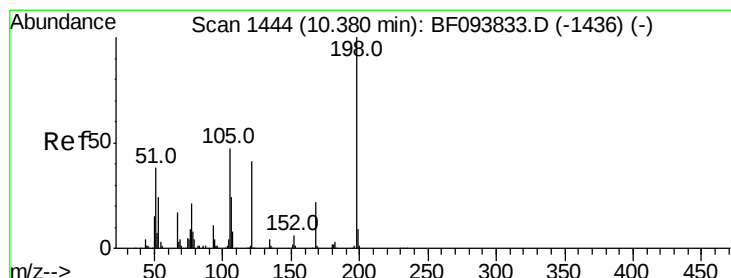
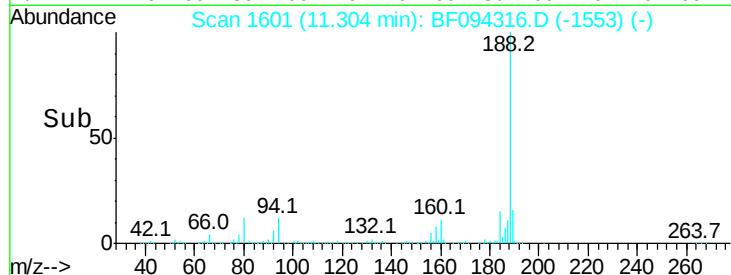
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.30

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 47.97 ng

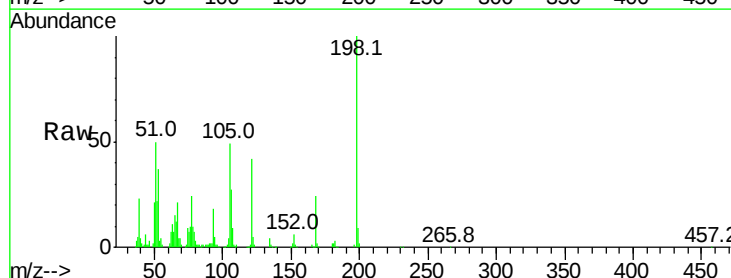
RT: 10.25 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion:	198	Resp:	150747
Ion Ratio	Lower	Upper	
198	100		
51	50.2	53.2	93.2#
105	49.0	45.8	85.8



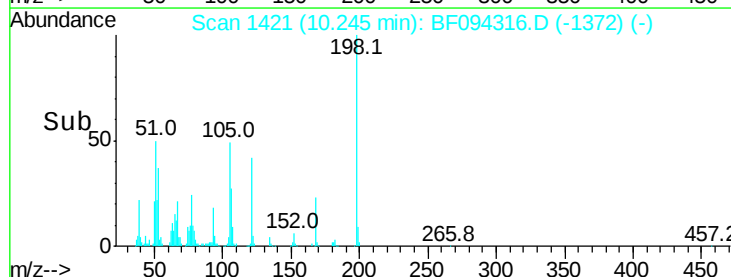
Abundance Ion 198.00 (197.70 to 198.70): E

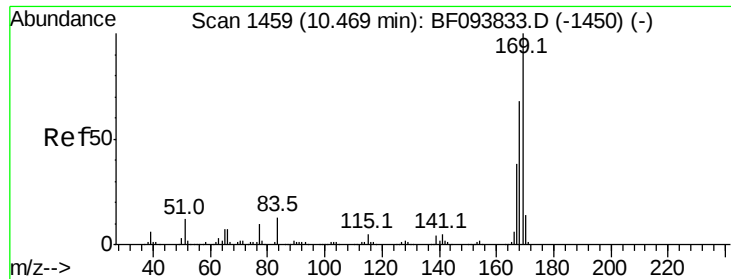
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.25

Time-->





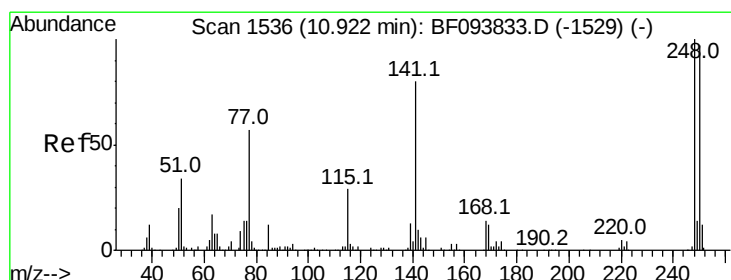
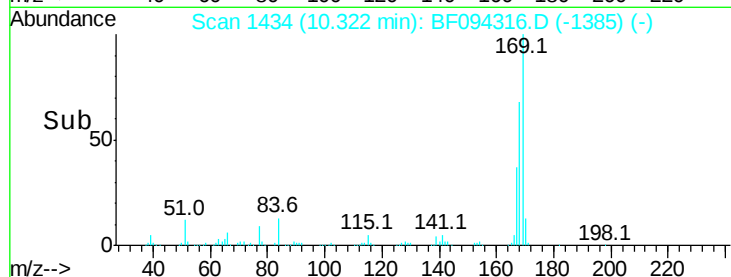
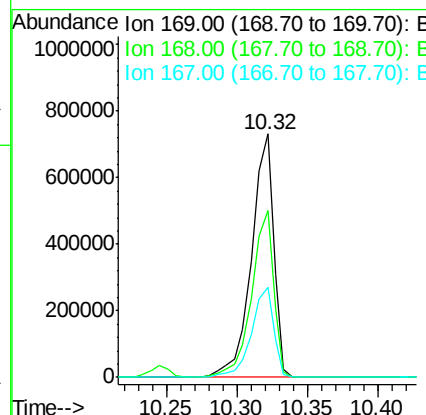
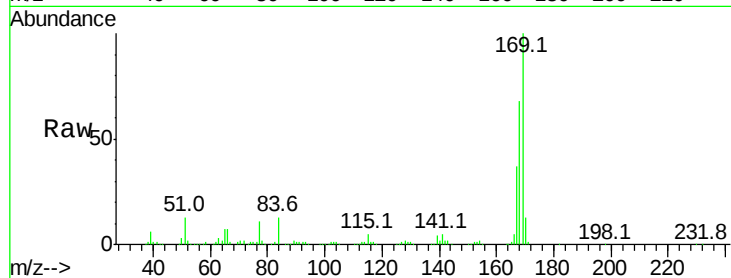
#65
n-Nitrosodiphenylamine
Concen: 45.61 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.3	53.2	79.8	
167	36.8	29.5	44.3	

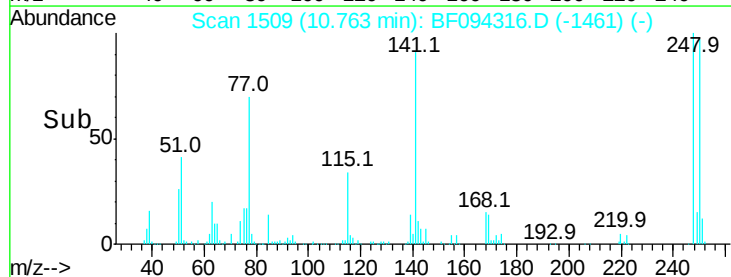
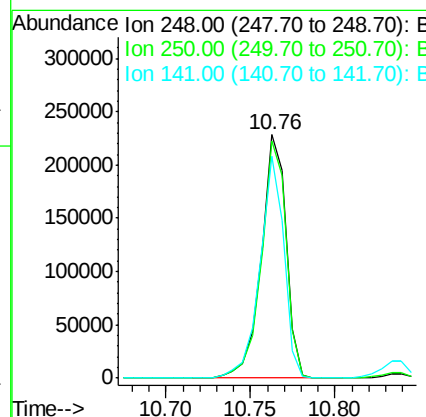
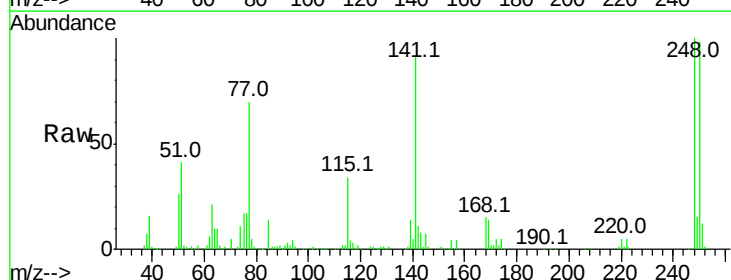
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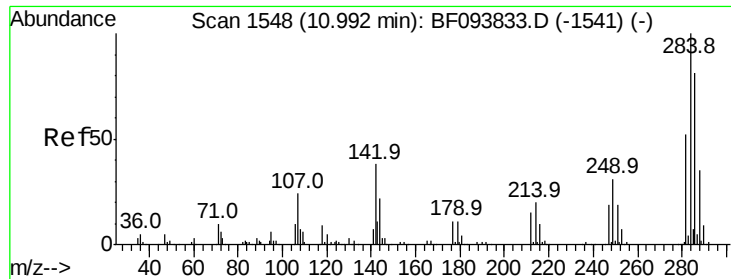
mohammad
4/11/2017 12:53:14 PM



#66
4-Bromophenyl-phenylether
Concen: 46.56 ng
RT: 10.76 min Scan# 1509
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.6	76.8	115.2	
141	91.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 46.78 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

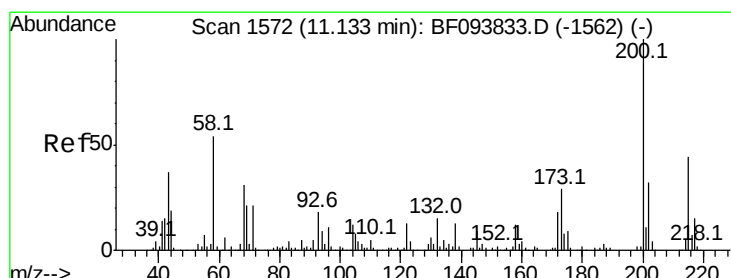
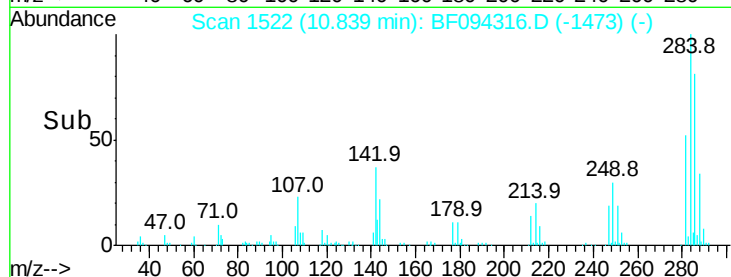
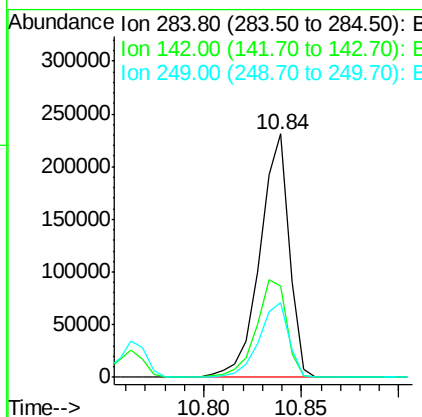
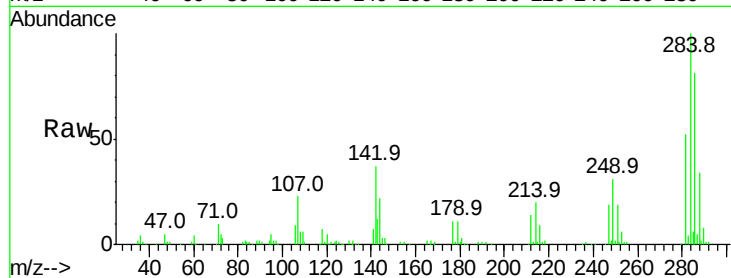
ClientSampleId :

PB98146BS

Tot Ion:	284	Resp:	238992
Ion Ratio	Lower	Upper	
284	100		
142	37.4	22.8	34.2#
249	30.5	24.0	36.0

Manual Integrations
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mohammad
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#68

Atrazine

Concen: 44.38 ng

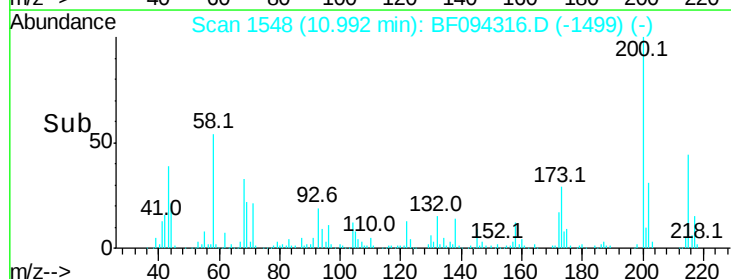
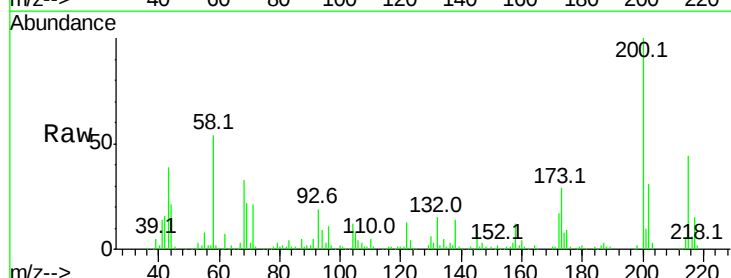
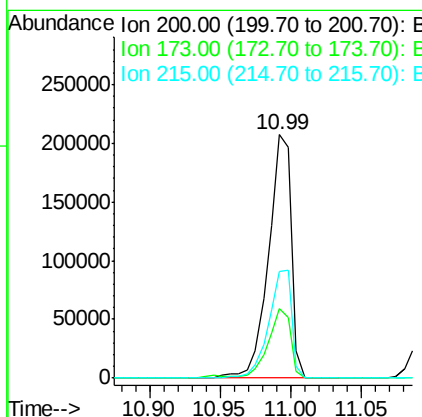
RT: 10.99 min Scan# 1548

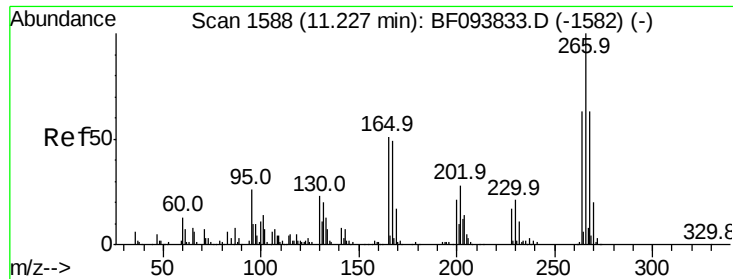
Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion:	200	Resp:	235896
Ion Ratio	Lower	Upper	
200	100		
173	28.6	6.3	46.3
215	43.8	27.2	67.2





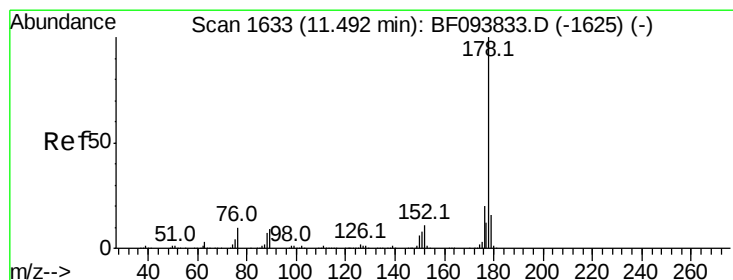
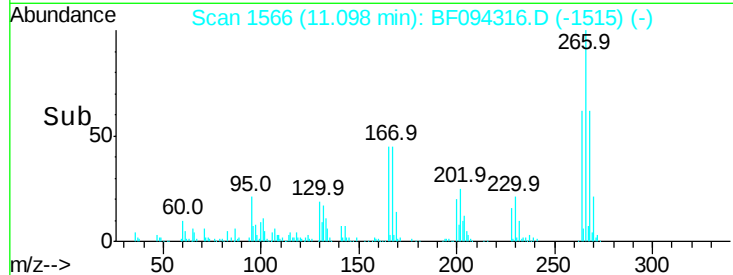
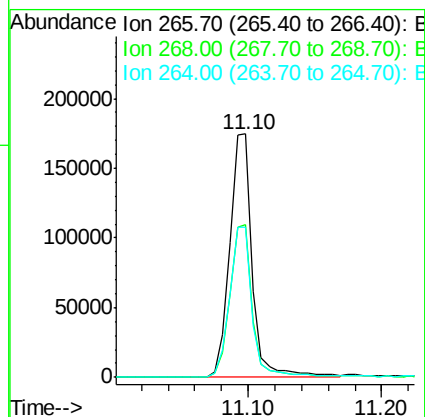
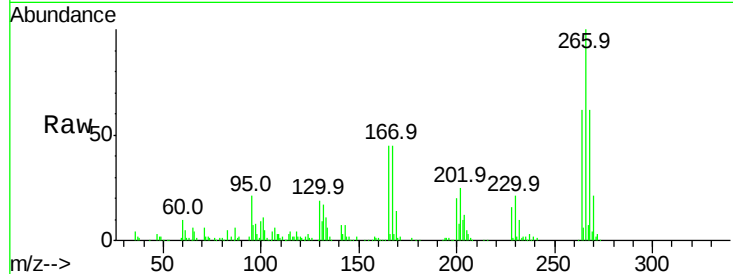
#69
 Pentachlorophenol
 Concen: 65.60 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	208604		
268	62.5	51.1	76.7	
264	61.8	51.7	77.5	

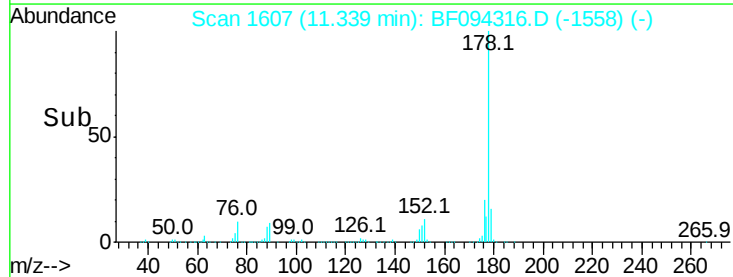
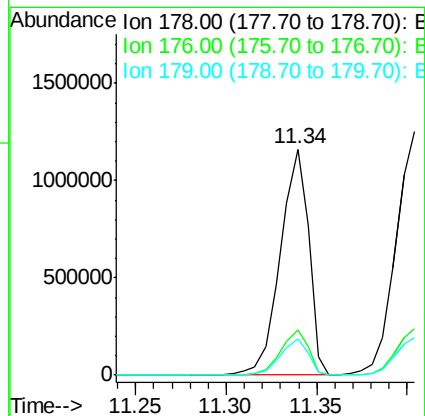
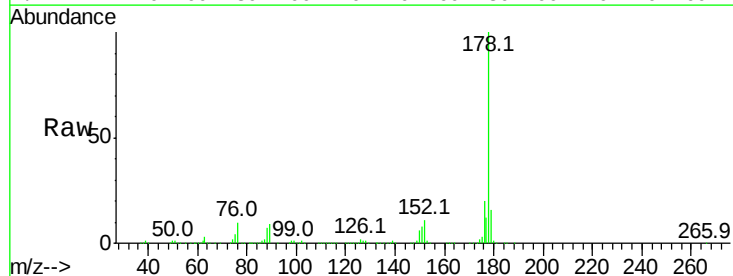
Manual Integrations
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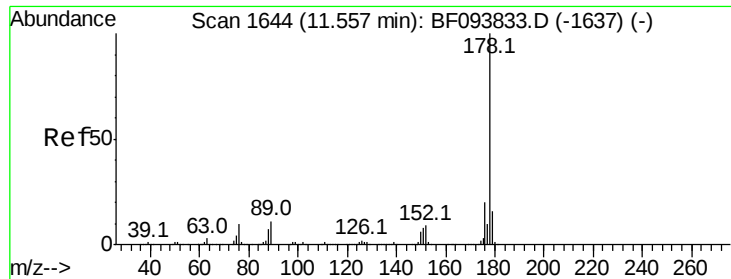
mohammad
 4/11/2017 12:53:14 PM



#70
 Phenanthrene
 Concen: 44.51 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1270690		
176	19.8	16.2	24.4	
179	15.8	12.6	19.0	





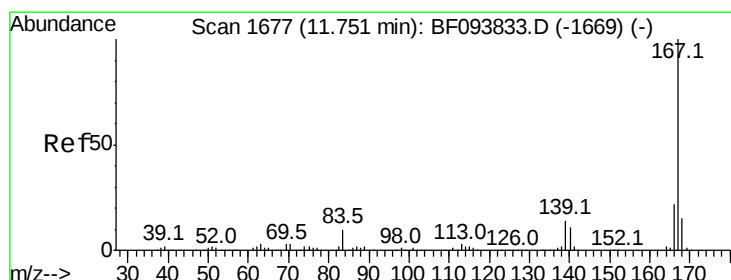
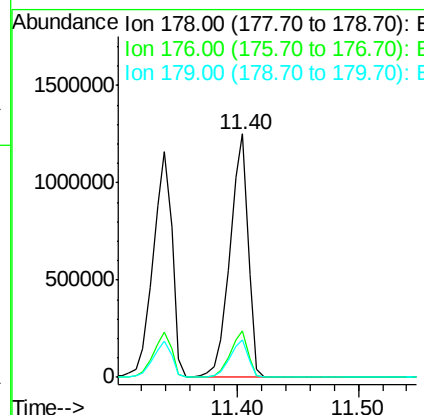
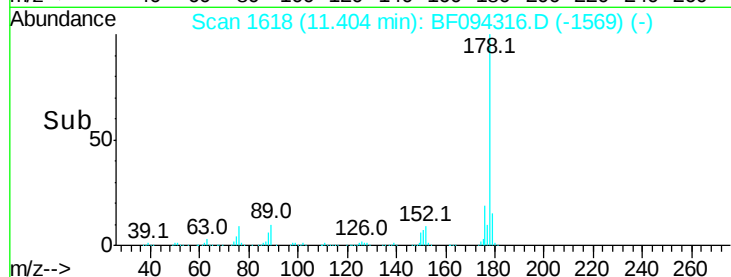
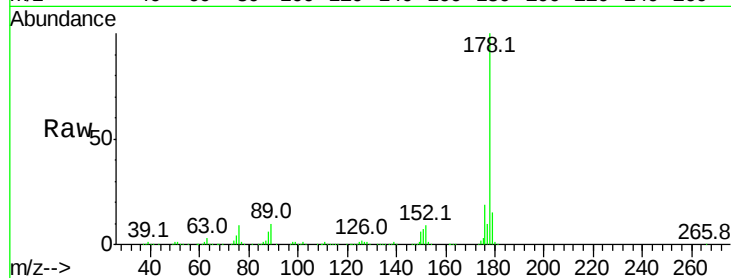
#71
 Anthracene
 Concen: 44.30 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion:178 Resp: 1302130
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.2 12.7 19.1

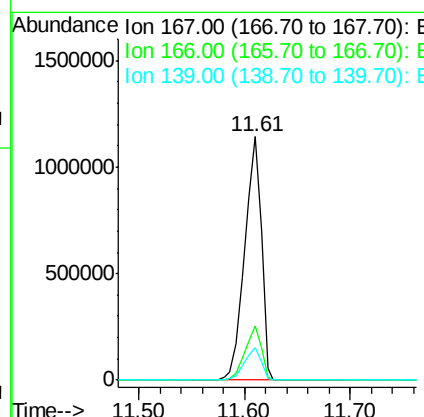
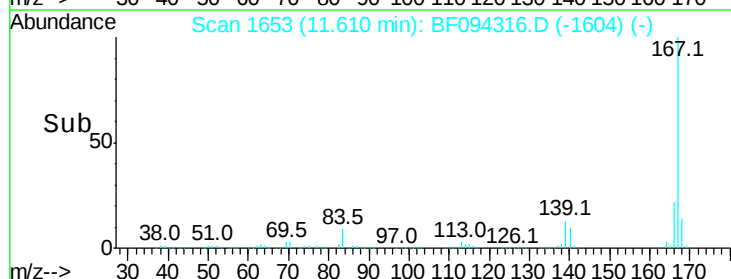
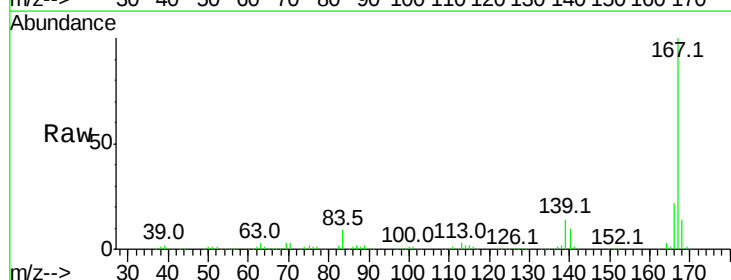
Manual Integrations
 APPROVED

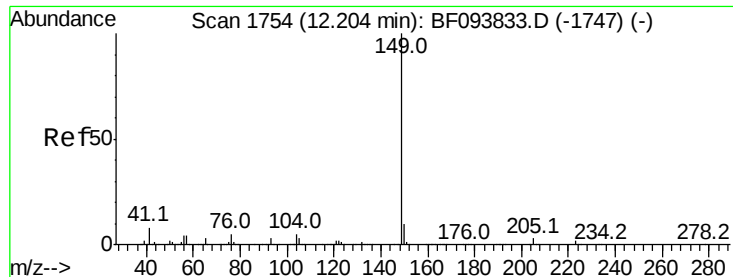
mohammad
 4/11/2017 12:53:14 PM



#72
 Carbazole
 Concen: 40.79 ng
 RT: 11.61 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:167 Resp: 1229340
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.05 ng

RT: 12.05 min Scan# 1728

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

PB98146BS

Tot Ion:149 Resp: 1474788

Ion Ratio Lower Upper

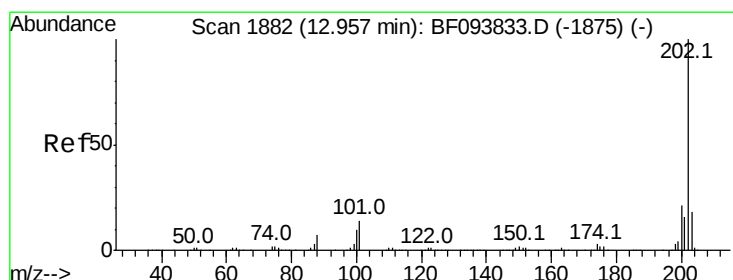
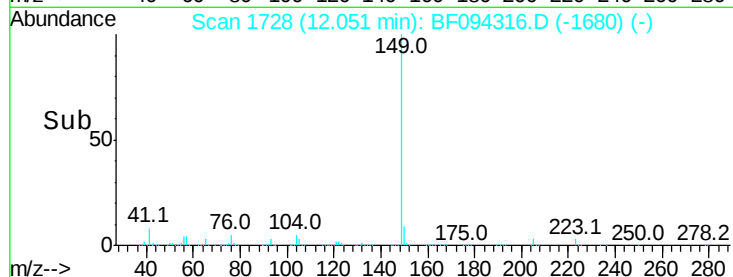
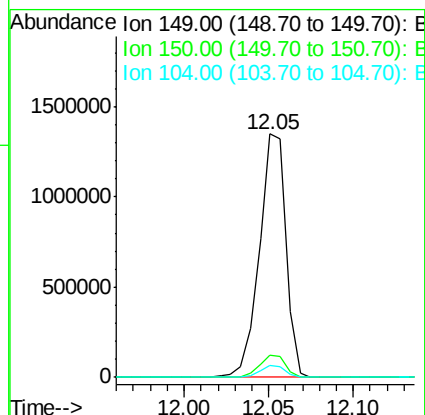
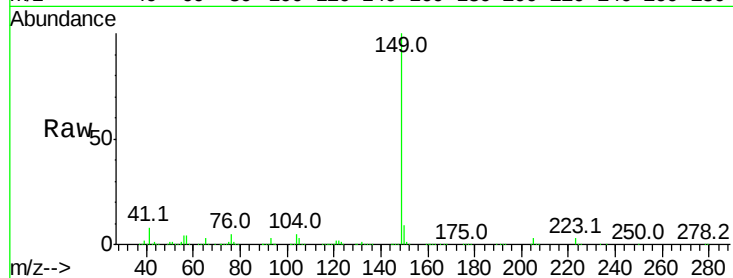
149 100

150 9.3 7.7 11.5

104 4.9 4.0 6.0

Manual Integrations
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mohammad
4/11/2017 12:53:14 PM



#74

Fluoranthene

Concen: 44.25 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

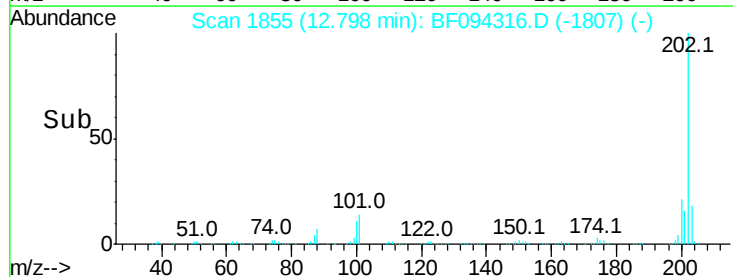
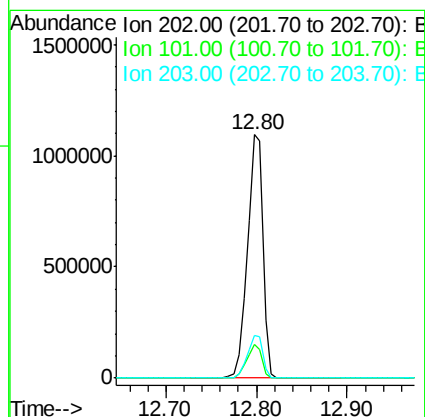
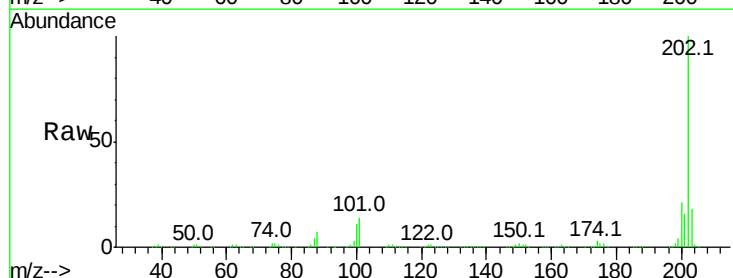
Tgt Ion:202 Resp: 1293457

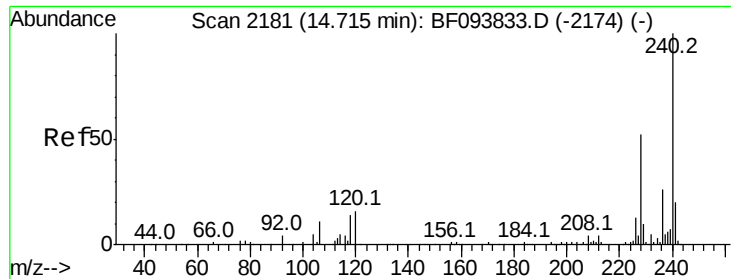
Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

203 17.7 0.0 38.1





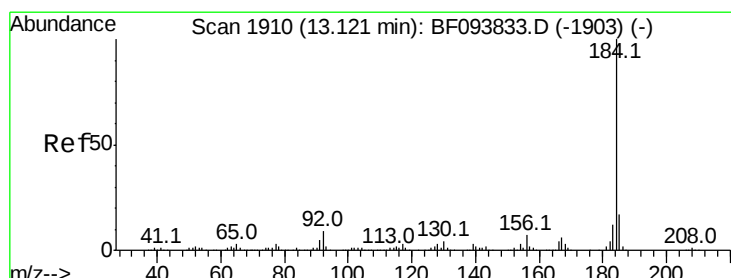
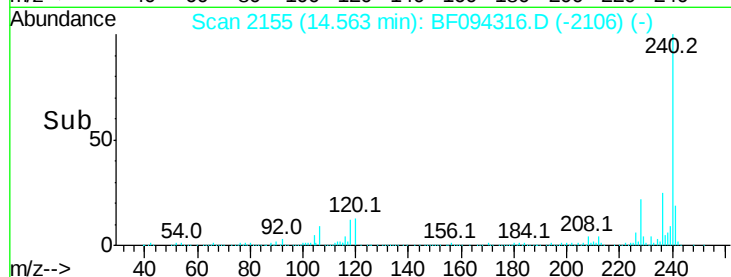
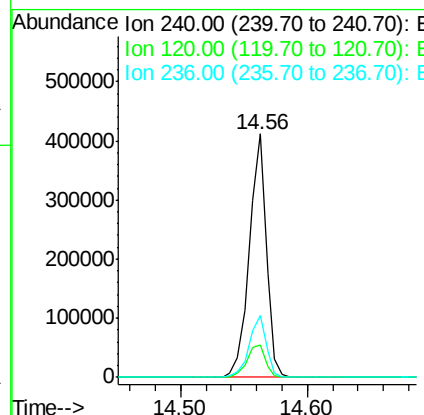
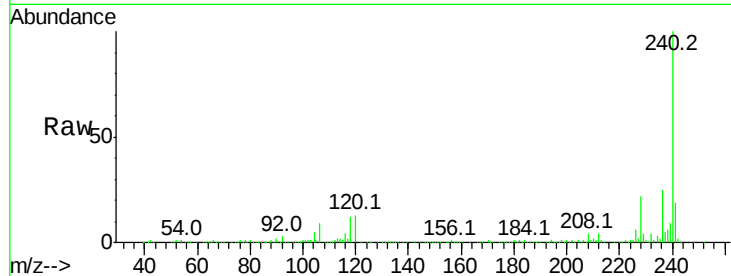
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.4	20.5	30.7

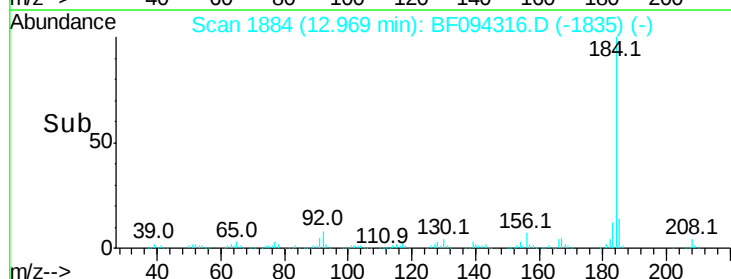
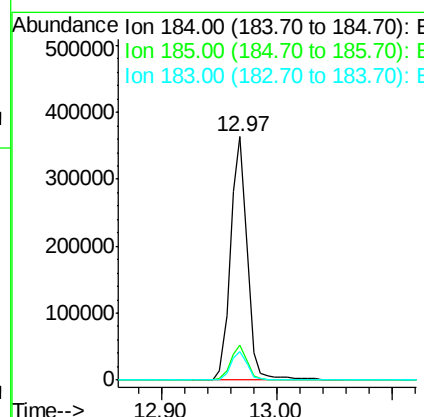
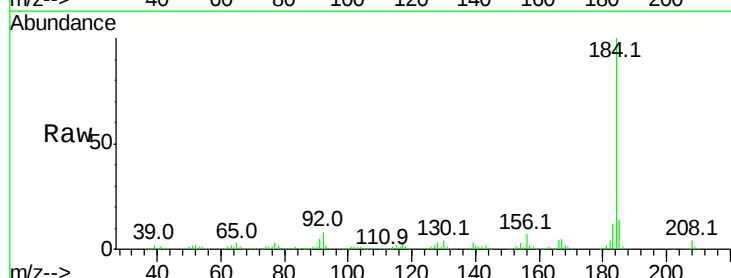
Manual Integrations
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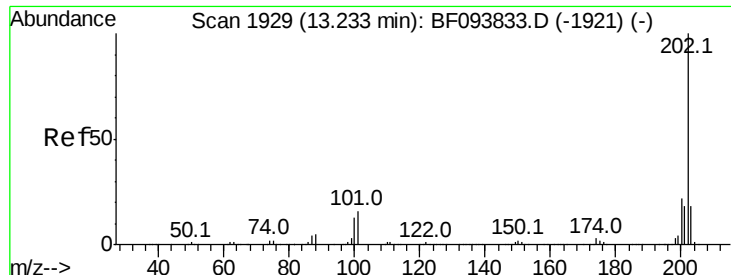
mohammad
4/11/2017 12:53:14 PM



#76
Benzidine
Concen: 24.07 ng
RT: 12.97 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	11.7	9.8	14.6





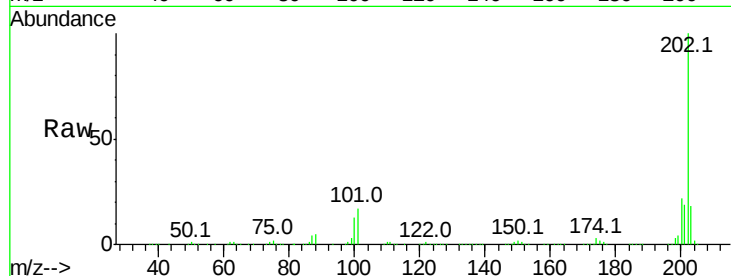
#77
Pvrene
Concen: 47.06 ng
RT: 13.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.0	14.4	21.6

Manual Integrations
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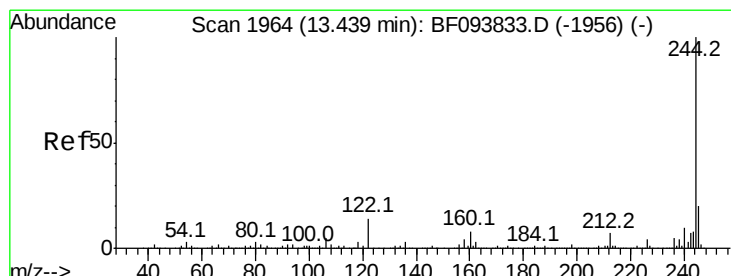
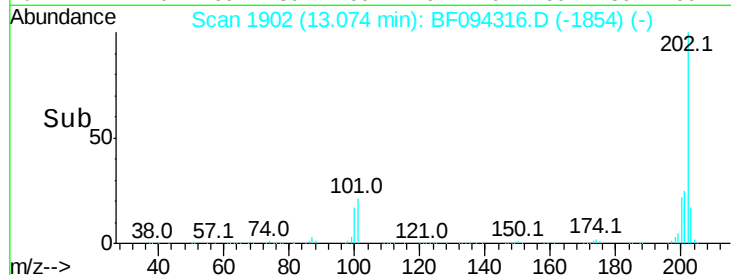
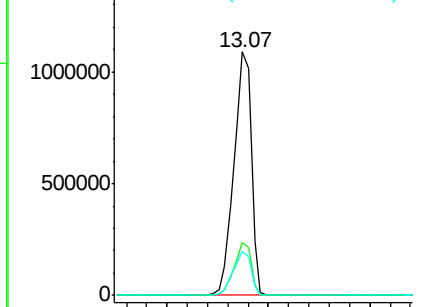


Abundance

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: 84.86 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

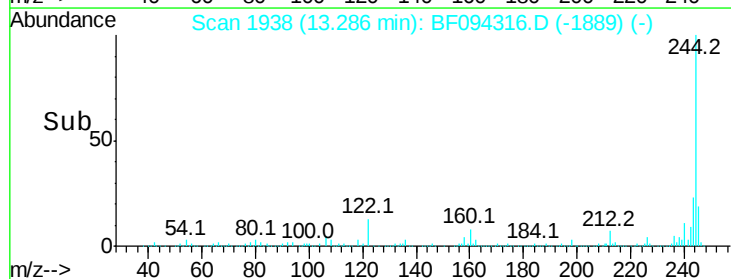
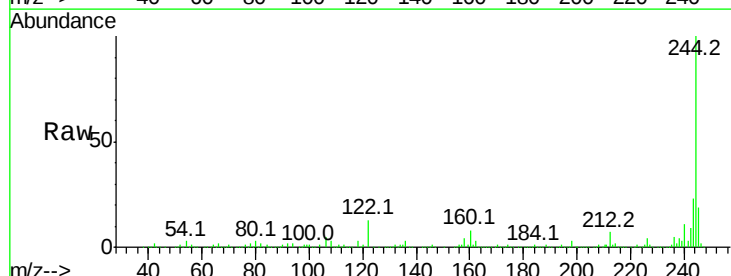
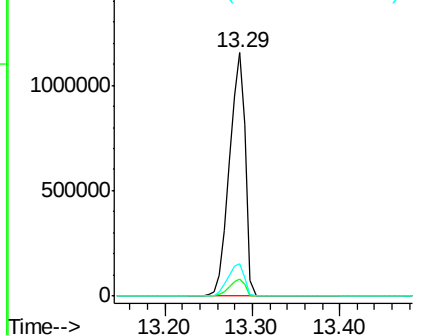
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5

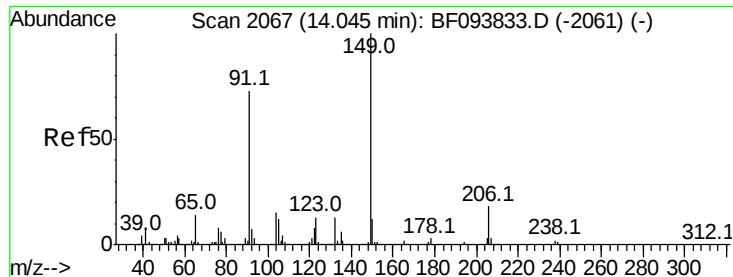
Abundance

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





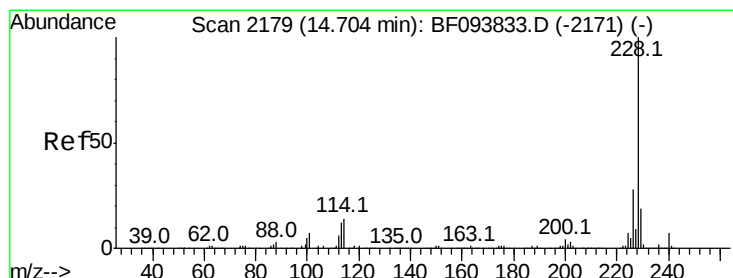
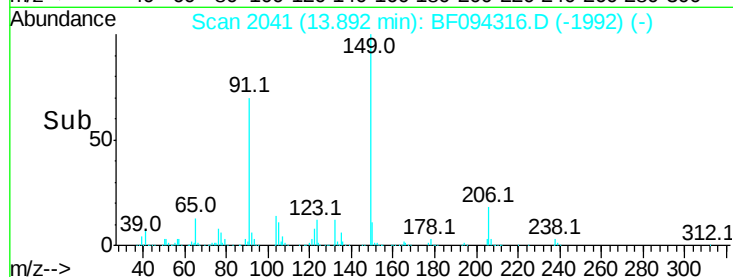
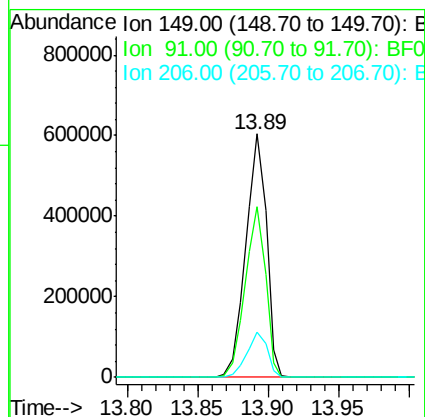
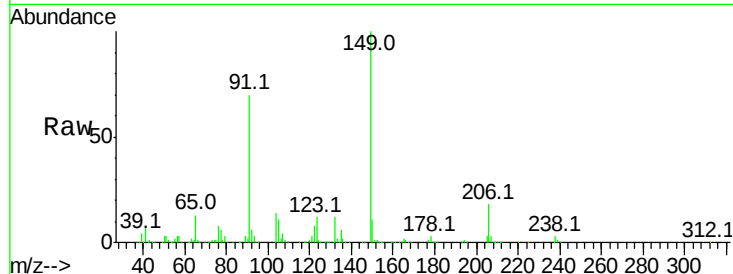
#79
Butylbenzylphthalate
Concen: 52.47 ng
RT: 13.89 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	620555		
91	70.1	45.0	67.4#	
206	18.4	17.0	25.6	

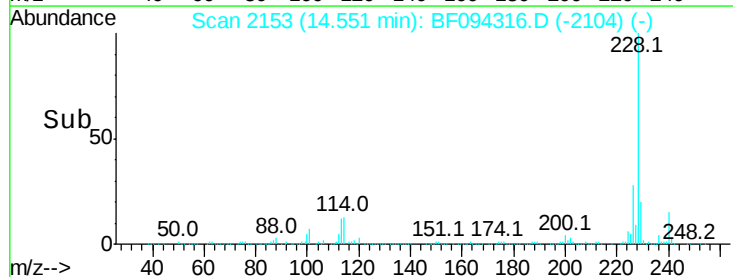
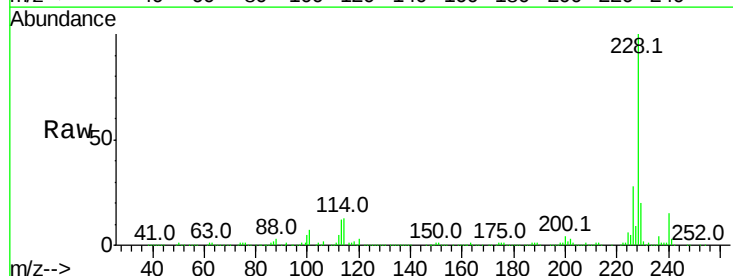
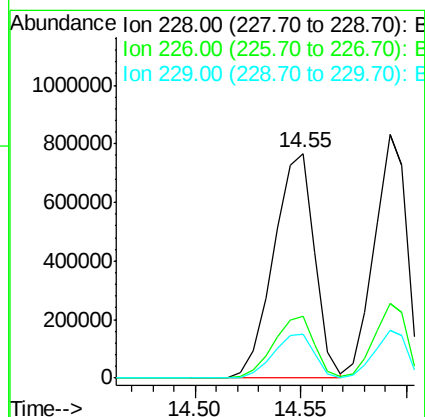
Manual Integrations
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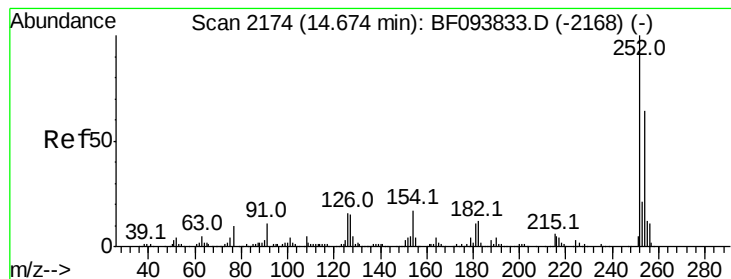
mohammad
4/11/2017 12:53:14 PM



#80
Benzo(a)anthracene
Concen: 46.38 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1034355		
226	27.6	22.6	33.8	
229	19.7	16.3	24.5	





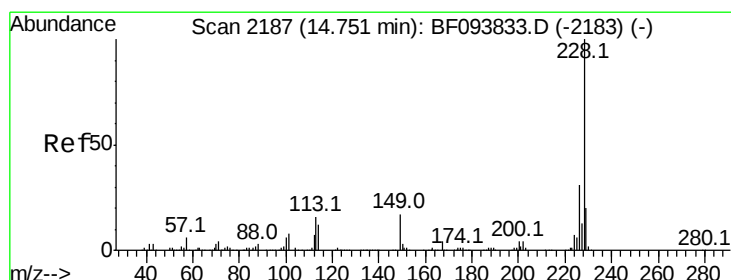
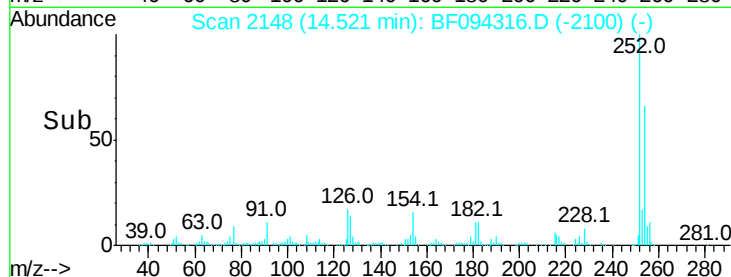
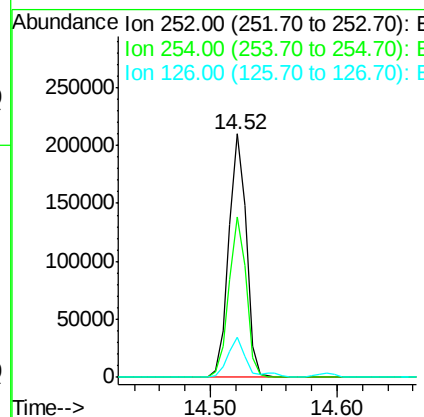
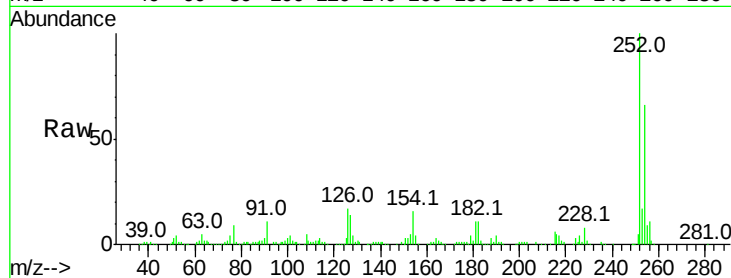
#81
 3,3'-Dichlorobenzidine
 Concen: 25.23 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	201121		
254	65.7	51.5	77.3	
126	16.6	15.8	23.8	

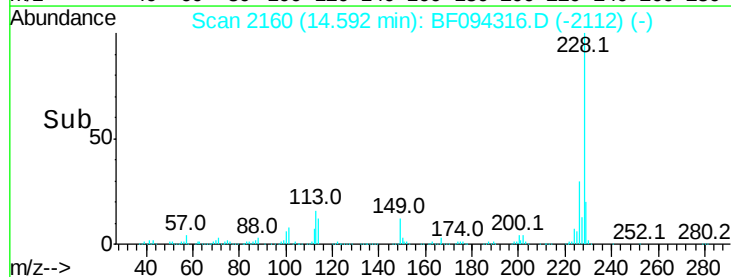
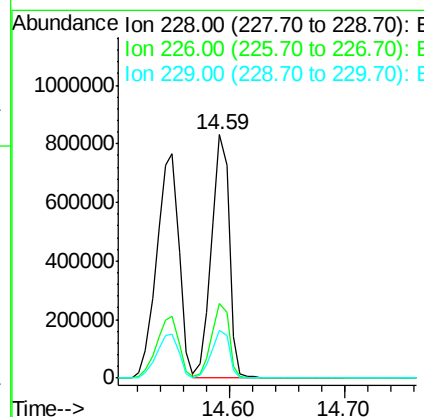
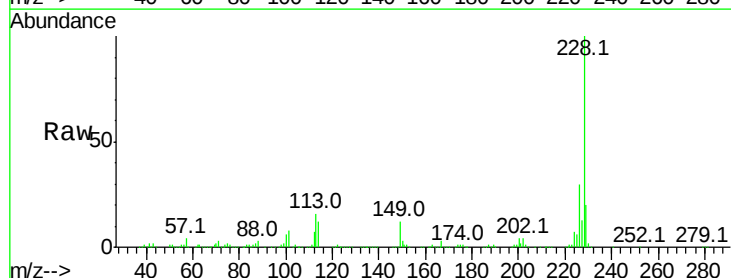
Manual Integrations
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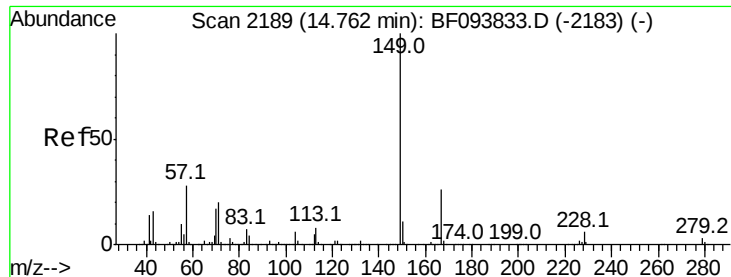
mohammad
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#82
 Chrysene
 Concen: 43.26 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	895255		
226	30.5	24.9	37.3	
229	19.8	15.8	23.6	





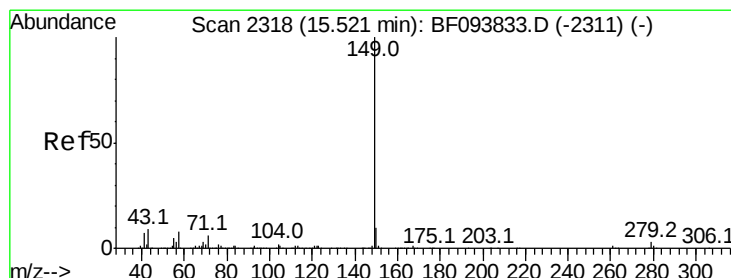
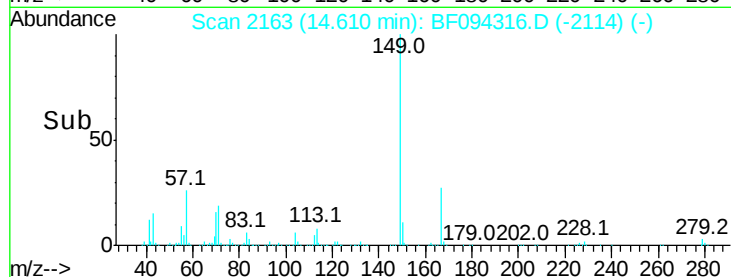
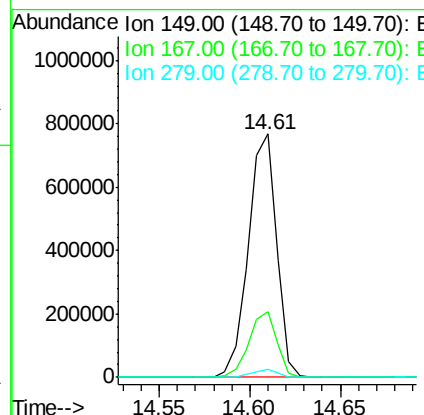
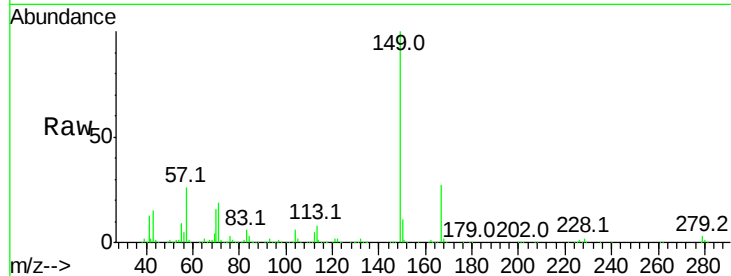
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.44 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.0	21.0	31.4	
279	3.3	1.9	2.9	

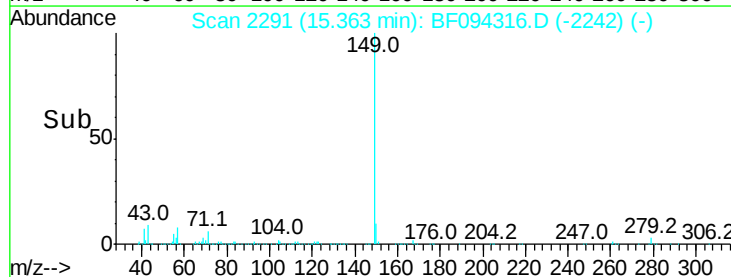
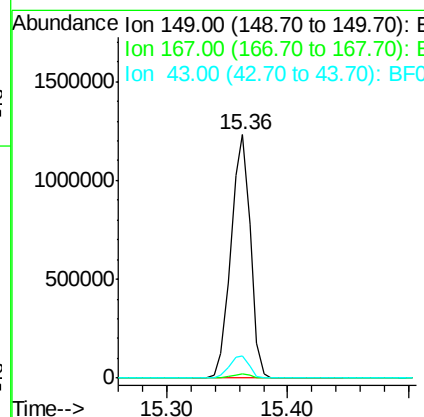
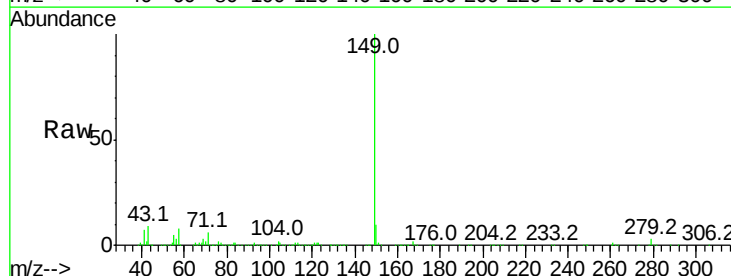
Manual Integrations
 APPROVED

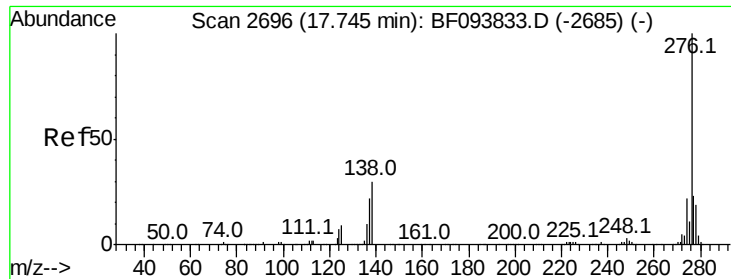
mohammad
 4/11/2017 12:53:14 PM



#84
 Di-n-octyl phthalate
 Concen: 50.69 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.5	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.81 ng

RT: 17.50 min Scan# 2655

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

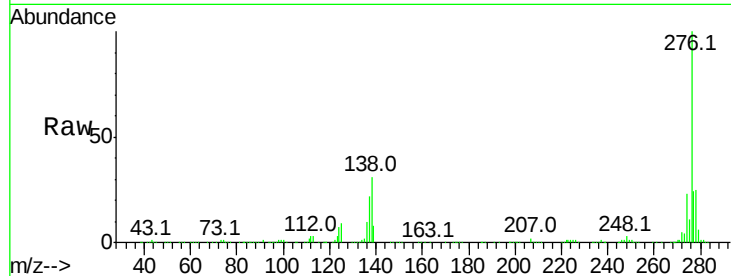
ClientSampleId :

PB98146BS

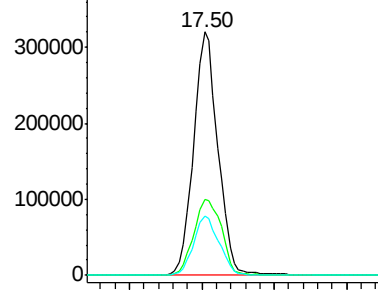
Tot Ion:	276	Resp:	749417
Ion Ratio	Lower	Upper	
276	100		
138	35.7	27.8	41.6
277	25.5	20.2	30.4

Manual Integrations
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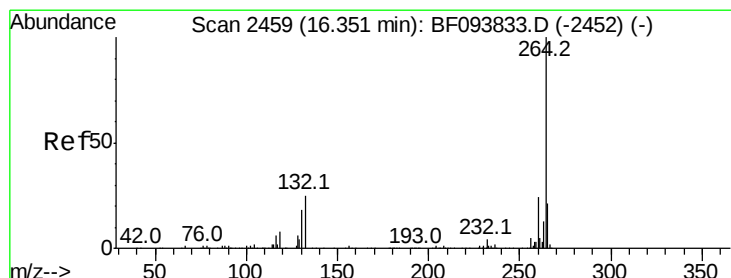
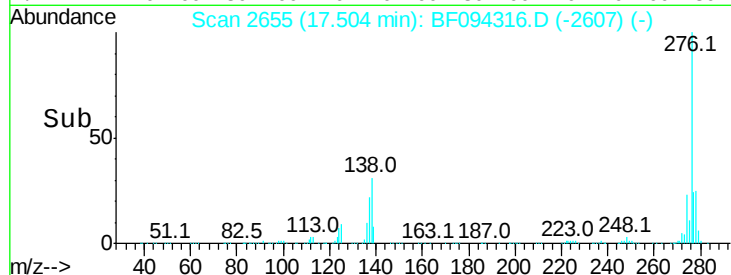
mohammad
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

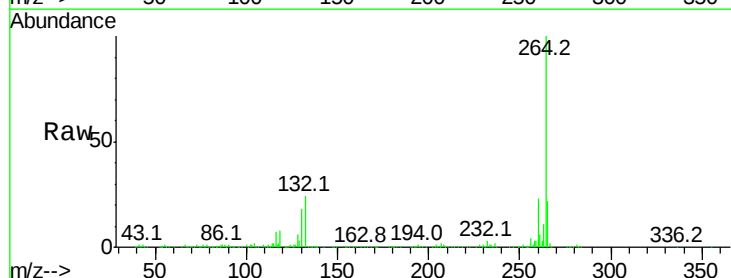
RT: 16.18 min Scan# 2430

Delta R.T. -0.01 min

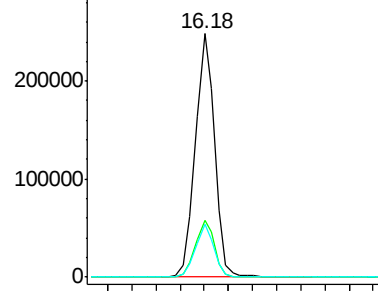
Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

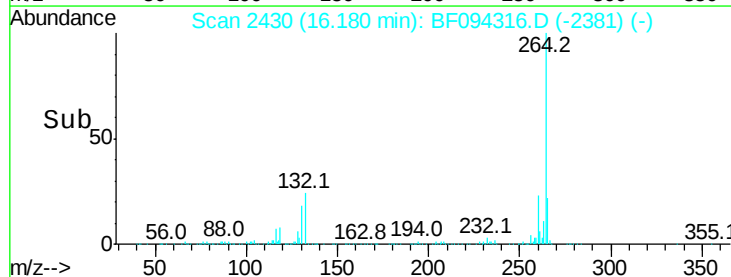
Tgt Ion:	264	Resp:	272297
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.7	17.2	25.8

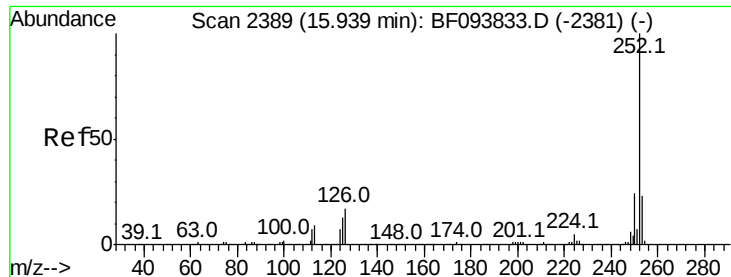


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 49.69 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

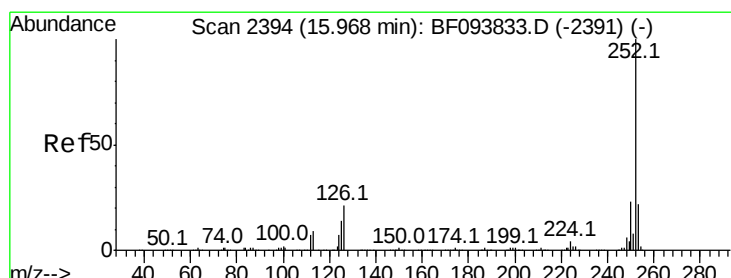
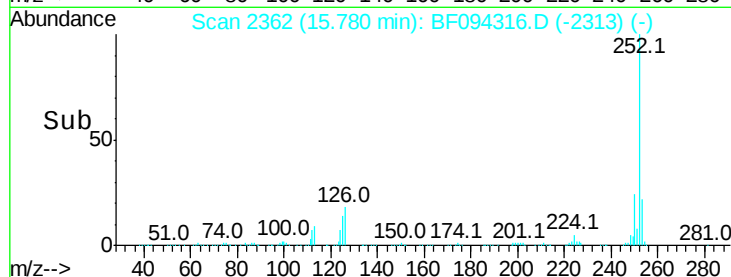
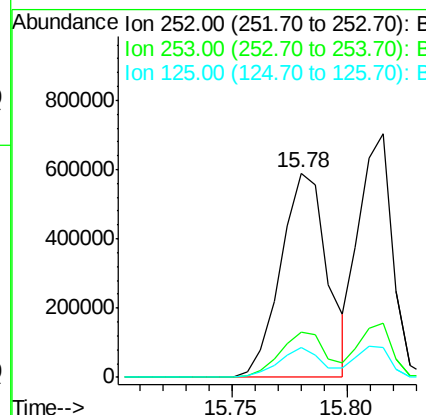
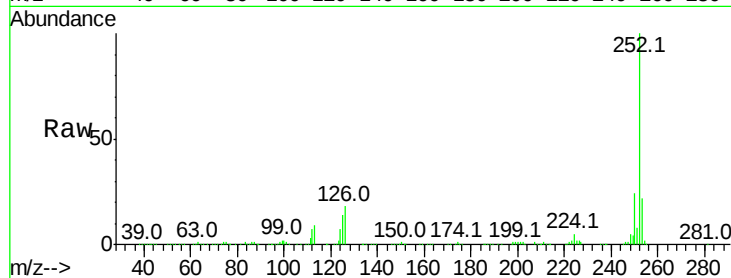
ClientSampleId :

PB98146BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.3	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.83 ng m

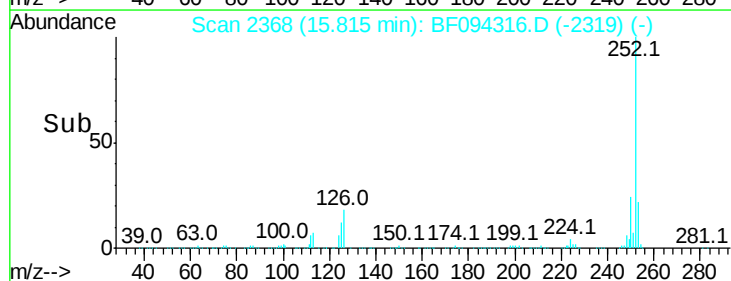
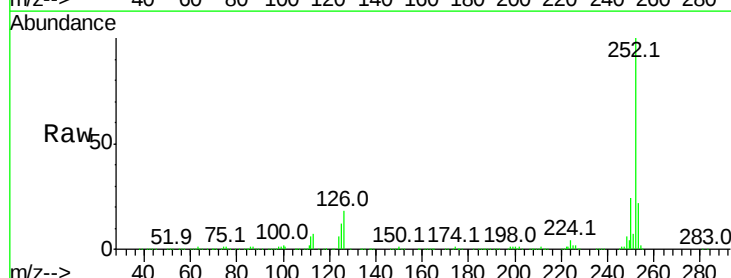
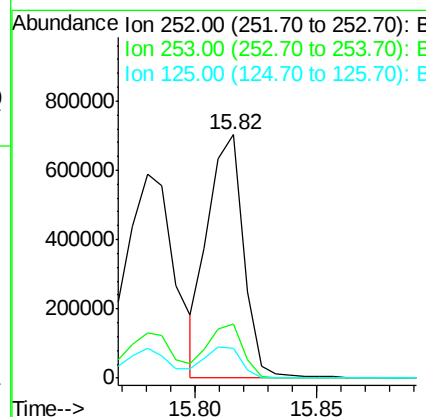
RT: 15.82 min Scan# 2368

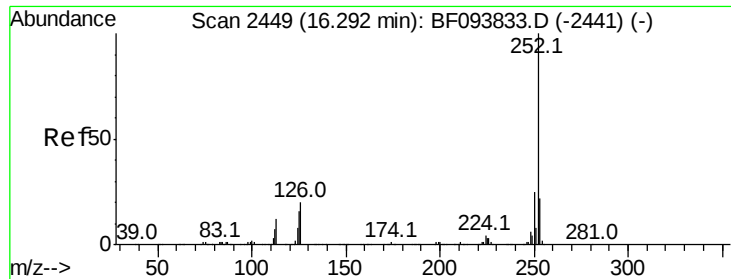
Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	12.3	13.1	19.7#





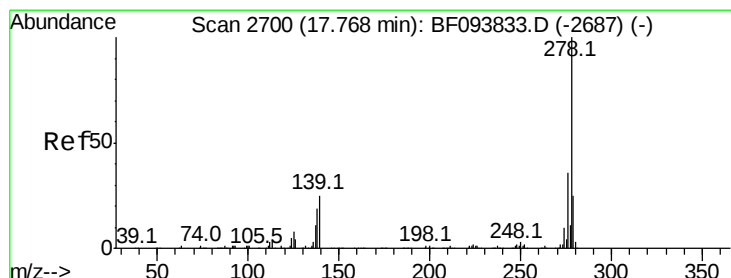
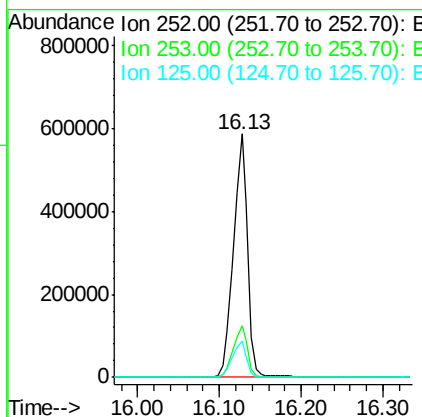
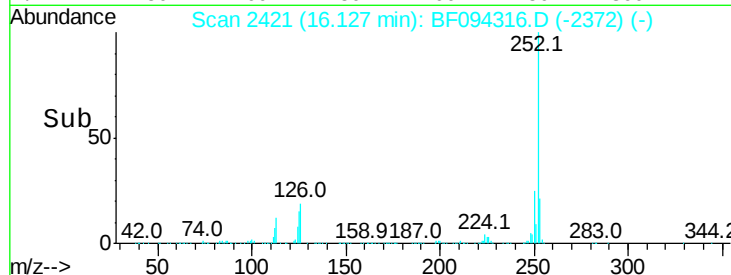
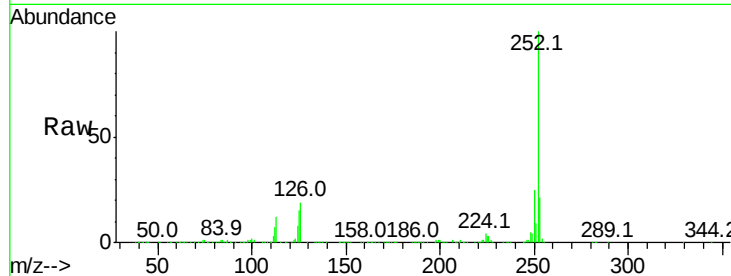
#89
Benzo(a)pyrene
Concen: 46.29 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.6	11.0	16.4

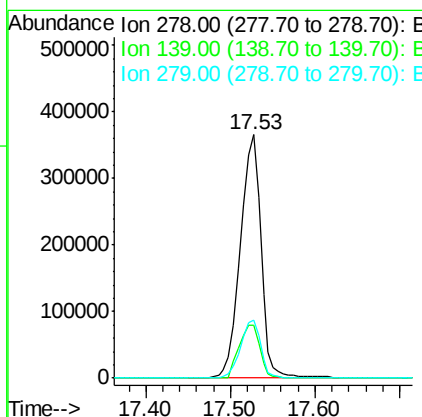
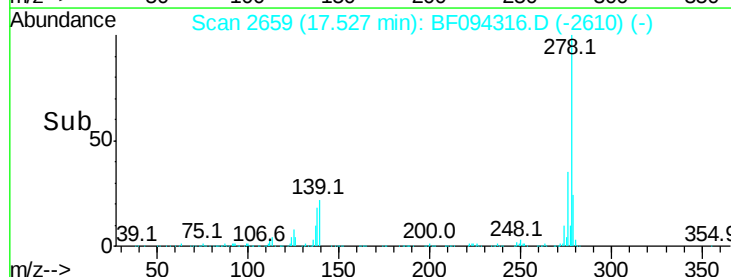
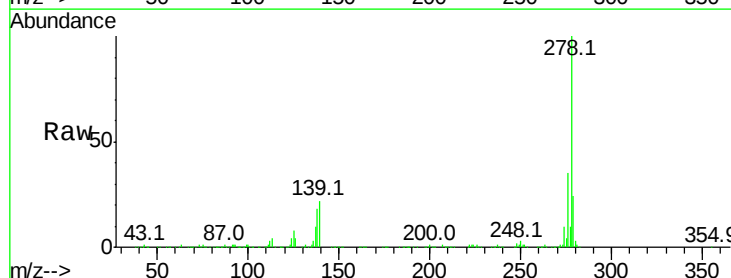
Manual Integrations
APPROVED

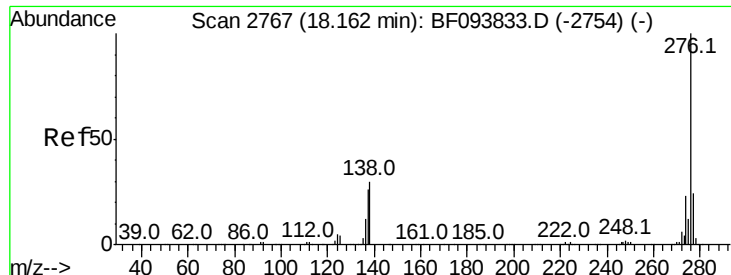
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.57 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	24.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 49.22 ng
 RT: 17.90 min Scan# 2722
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB98146BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	29.8	25.4	38.0

Manual Integrations
 APPROVED

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 4/11/2017 12:53:14 PM

