

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094120.D
 Acq On : 3 Apr 2017 14:59
 Operator : SJ/MA
 Sample : PB97987BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:33:54 PM

Quant Time: Apr 04 01:26:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	170605	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	689569	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	321805	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	572554	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	450289	20.00	ng	-0.01
86) Perylene-d12	16.24	264	328346	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.43	112	1285138	127.23	ng	0.00
7) Phenol-d6	5.50	99	1596223	127.74	ng	0.00
23) Nitrobenzene-d5	6.54	82	1014501	83.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	364254	143.24	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	1878794	89.05	ng	-0.01
78) Terphenyl-d14	13.34	244	1610506	80.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	166513	34.31	ng	97
3) Pyridine	2.78	79	486375	36.77	ng	97
4) n-Nitrosodimethylamine	2.74	42	230087	42.28	ng	89
6) Aniline	5.52	93	478298	27.52	ng	# 1
8) 2-Chlorophenol	5.66	128	503798	45.38	ng	97
9) Benzaldehyde	5.38	77	383929	45.50	ng	97
10) Phenol	5.52	94	592222	41.65	ng	86
11) bis(2-Chloroethyl)ether	5.60	93	472886	42.55	ng	98
12) 1,3-Dichlorobenzene	5.82	146	540905	43.43	ng	100
13) 1,4-Dichlorobenzene	5.91	146	543361	43.08	ng	97
14) 1,2-Dichlorobenzene	6.09	146	505873	43.55	ng	95
15) Benzyl Alcohol	6.06	79	409467	44.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.22	45	656228	38.32	ng	96
17) 2-Methylphenol	6.20	107	419304	44.10	ng	97
18) Hexachloroethane	6.47	117	194013	43.76	ng	# 82
19) n-Nitroso-di-n-propylamine	6.37	70	352942	43.95	ng	98
20) 3+4-Methylphenols	6.39	107	549913	47.75	ng	# 62
22) Acetophenone	6.36	105	704314	45.83	ng	# 86
24) Nitrobenzene	6.56	77	520209	43.65	ng	94
25) Isophorone	6.85	82	929424	43.77	ng	96
26) 2-Nitrophenol	6.94	139	286492	50.41	ng	100
27) 2,4-Dimethylphenol	7.01	122	463202	47.30	ng	97
28) bis(2-Chloroethoxy)methane	7.11	93	606761	43.34	ng	99
29) 2,4-Dichlorophenol	7.23	162	444999	48.60	ng	97
30) 1,2,4-Trichlorobenzene	7.33	180	427581	45.34	ng	98
31) Naphthalene	7.42	128	1426366	43.02	ng	99
32) Benzoic acid	7.16	122	141141	21.65	ng	95
33) 4-Chloroaniline	7.49	127	286806	21.34	ng	94
34) Hexachlorobutadiene	7.57	225	217496	44.97	ng	98
35) Caprolactam	7.93	113	143496m	49.15	ng	
36) 4-Chloro-3-methylphenol	8.11	107	472432	49.38	ng	88
37) 2-Methylnaphthalene	8.26	142	1016860	46.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.47	216	372015	42.26	ng	99
40) Hexachlorocyclopentadiene	8.46	237	374843	90.99	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.62	196	301515	48.41	nq	100
43) 2,4,5-Trichlorophenol	8.67	196	301843	44.79	nq	94
45) 1,1'-Biphenyl	8.84	154	1127330	43.43	nq	98
46) 2-Chloronaphthalene	8.86	162	899297	44.26	nq	95
47) 2-Nitroaniline	8.99	65	274332	45.51	nq	# 84
48) Acenaphthylene	9.36	152	1421377	42.09	nq	99
49) Dimethylphthalate	9.23	163	1083160	47.35	nq	99
50) 2,6-Dinitrotoluene	9.29	165	250245	47.72	nq	94
51) Acenaphthene	9.58	154	845208	42.90	nq	99
52) 3-Nitroaniline	9.49	138	160982	26.14	nq	89
53) 2,4-Dinitrophenol	9.63	184	194268	69.86	nq	# 71
54) Dibenzofuran	9.79	168	1226276	45.72	nq	100
55) 4-Nitrophenol	9.75	139	376168	78.01	nq	# 71
56) 2,4-Dinitrotoluene	9.79	165	301319	45.74	nq	# 65
57) Fluorene	10.21	166	944331	42.45	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	222867	48.20	nq	98
59) Diethylphthalate	10.10	149	1058696	46.83	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	408133	43.07	nq	88
61) 4-Nitroaniline	10.26	138	278825	47.19	nq	95
62) Azobenzene	10.42	77	1026754	48.01	nq	95
64) 4,6-Dinitro-2-methylphenol	10.29	198	149828	42.73	nq	# 74
65) n-Nitrosodiphenylamine	10.37	169	896531	45.28	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	260751	46.31	nq	95
67) Hexachlorobenzene	10.89	284	266695	46.79	nq	# 93
68) Atrazine	11.05	200	267364	45.08	nq	97
69) Pentachlorophenol	11.14	266	228059	64.28	nq	99
70) Phenanthrene	11.39	178	1397962	43.89	nq	99
71) Anthracene	11.46	178	1451481	44.26	nq	99
72) Carbazole	11.66	167	1371188	40.78	nq	98
73) Di-n-butylphthalate	12.11	149	1660491	47.48	nq	100
74) Fluoranthene	12.86	202	1467028	44.98	nq	98
76) Benzidine	13.03	184	869176	48.77	nq	# 93
77) Pyrene	13.13	202	1465177	44.84	nq	99
79) Butylbenzylphthalate	13.95	149	695891	49.98	nq	# 87
80) Benzo(a)anthracene	14.60	228	1200988	45.74	nq	100
81) 3,3'-Dichlorobenzidine	14.57	252	200080	21.32	nq	# 95
82) Chrysene	14.65	228	1038226	42.61	nq	99
83) Bis(2-ethylhexyl)phthalate	14.66	149	945016	49.75	nq	# 100
84) Di-n-octyl phthalate	15.42	149	1509699	47.57	nq	97
85) Indeno(1,2,3-cd)pyrene	17.59	276	814347	38.59	nq	99
87) Benzo(b)fluoranthene	15.84	252	955308	47.47	nq	98
88) Benzo(k)fluoranthene	15.87	252	916029	46.52	nq	97
89) Benzo(a)pyrene	16.19	252	867888	46.83	nq	99
90) Dibenzo(a,h)anthracene	17.61	278	682559	43.49	nq	98
91) Benzo(g,h,i)perylene	17.99	276	687183	43.44	nq	98

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

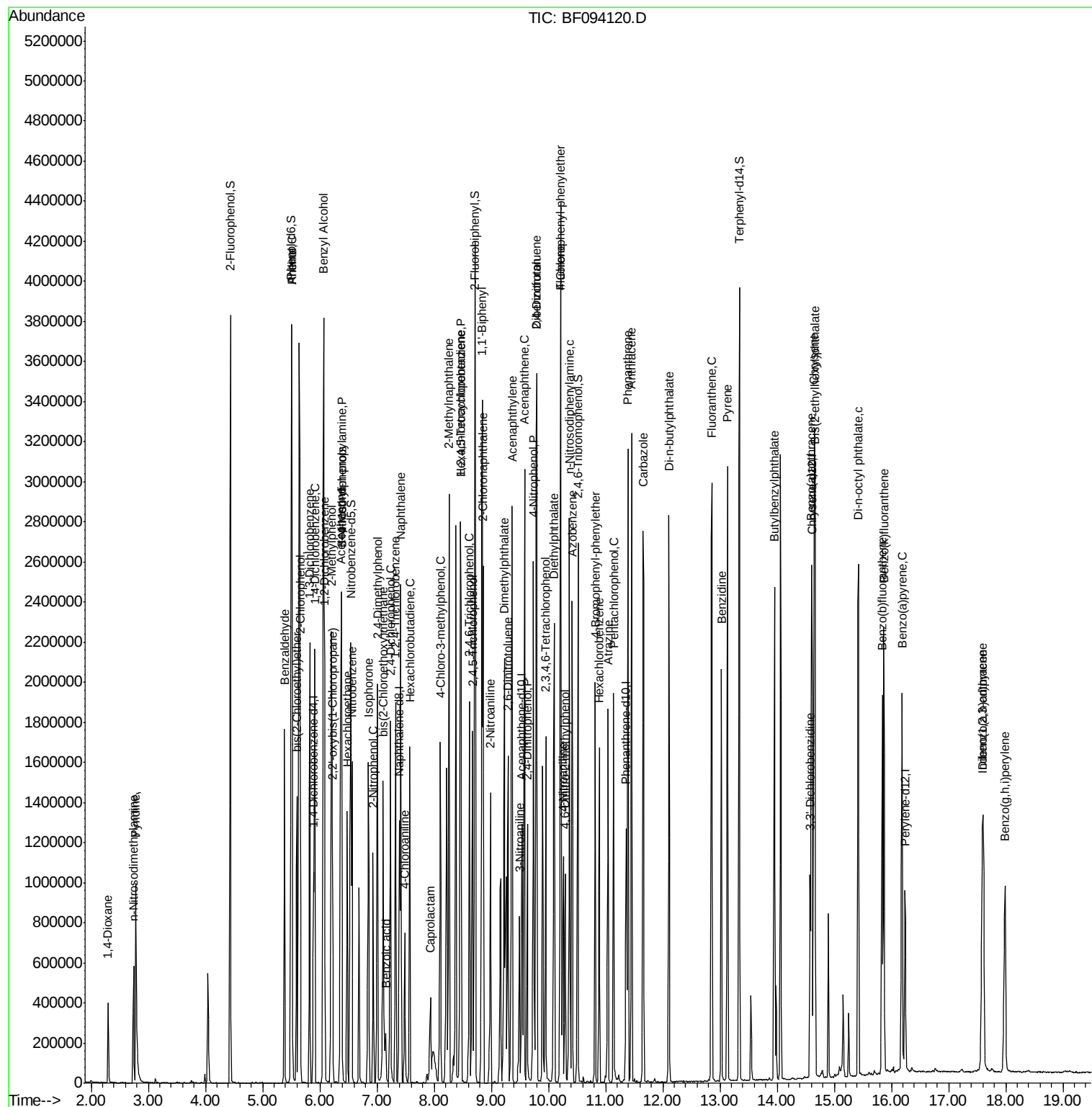
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
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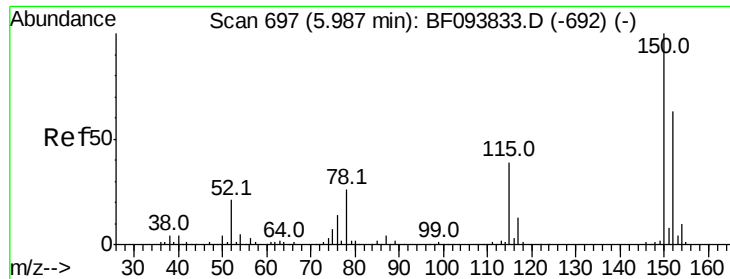
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#1

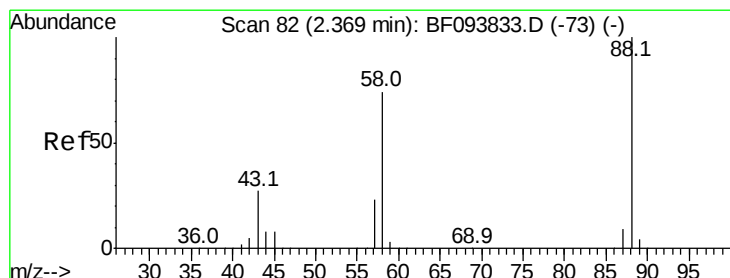
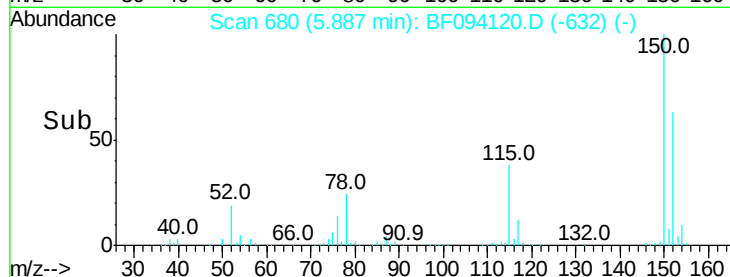
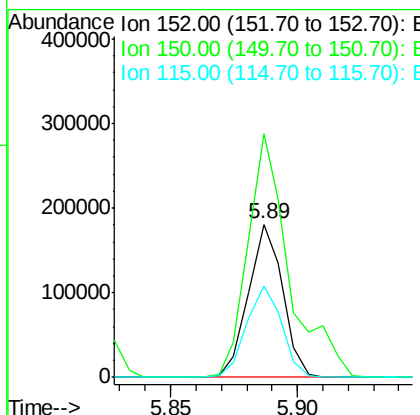
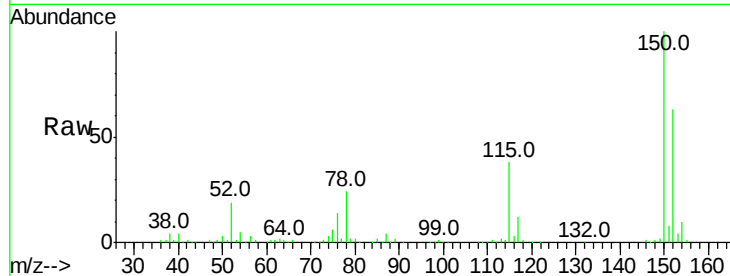
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	59.6	52.2	78.2

Manual Integrations
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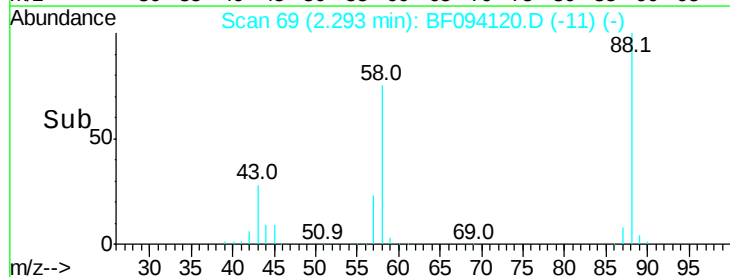
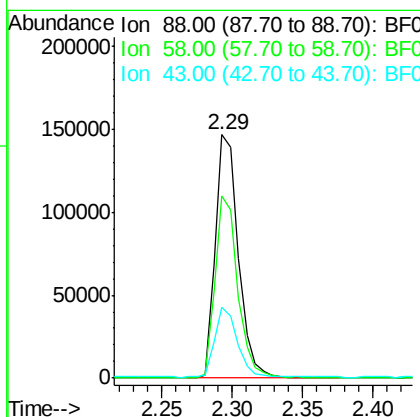
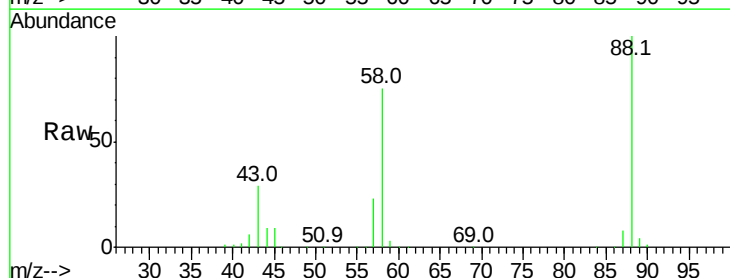
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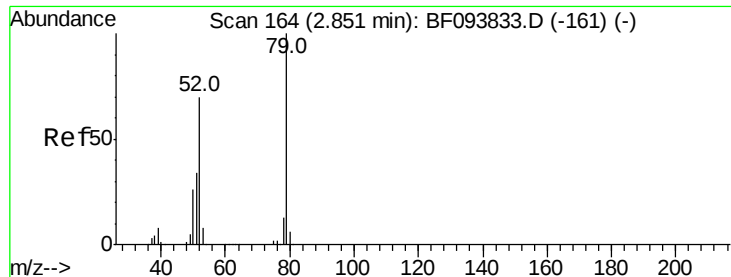


#2

1,4-Dioxane
Concen: 34.31 ng
RT: 2.29 min Scan# 69
Delta R.T. 0.04 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	61.4	92.0
43	27.9	23.4	35.0





#3

Pvridine

Concen: 36.77 ng

RT: 2.78 min Scan# 151

Delta R.T. 0.03 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

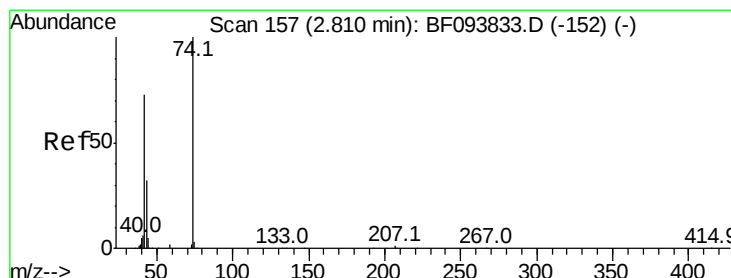
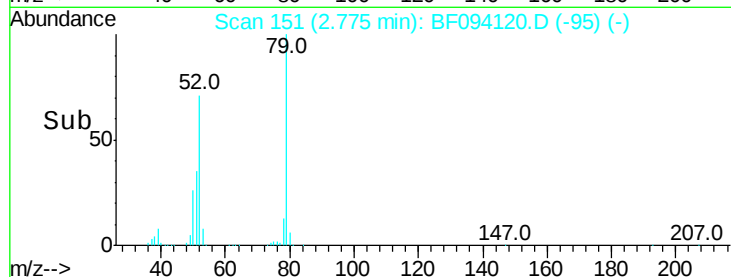
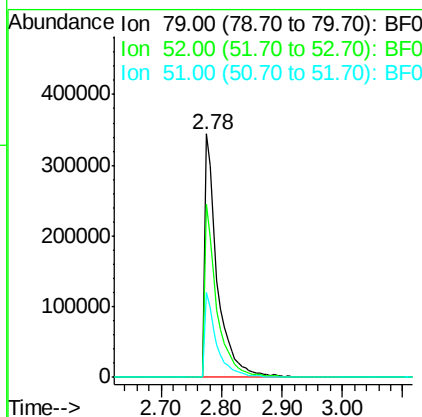
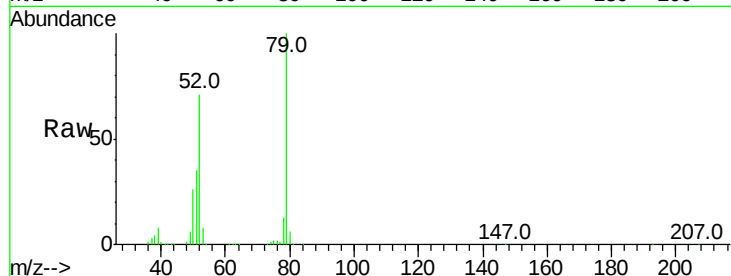
ClientSampleId :

PB97987BS

Tot Ion:	79	Resp:	486375
Ion Ratio	Lower	Upper	
79	100		
52	71.3	54.8	82.2
51	35.0	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.28 ng

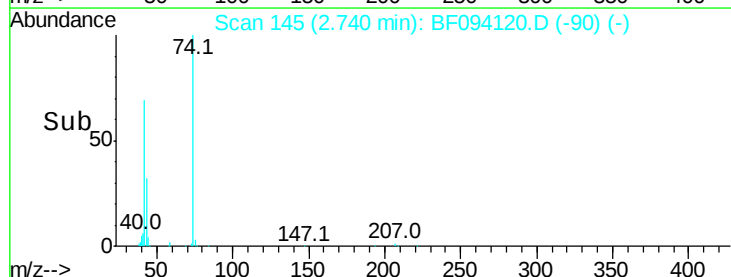
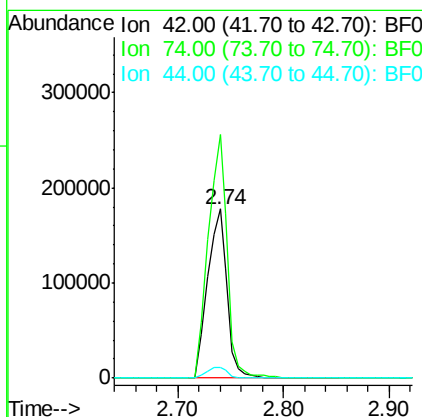
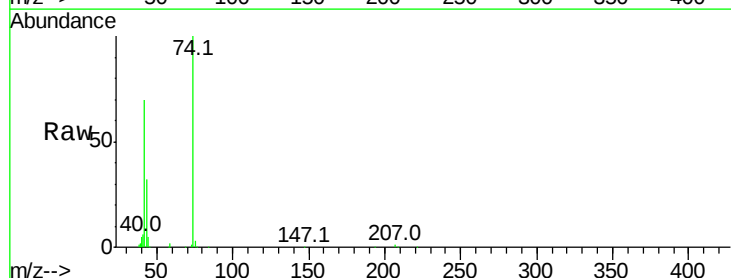
RT: 2.74 min Scan# 145

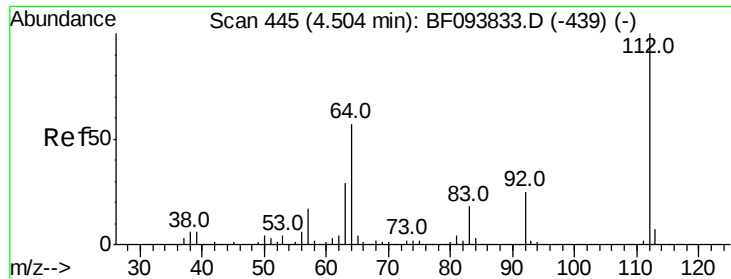
Delta R.T. 0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:	42	Resp:	230087
Ion Ratio	Lower	Upper	
42	100		
74	143.8	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 127.23 ng

RT: 4.43 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion:112 Resp: 1285138

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

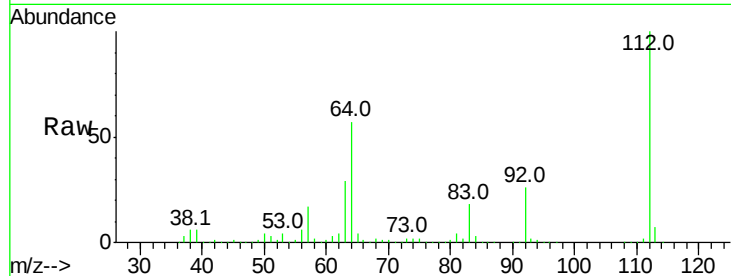
63 29.4 23.4 35.0

Manual Integrations

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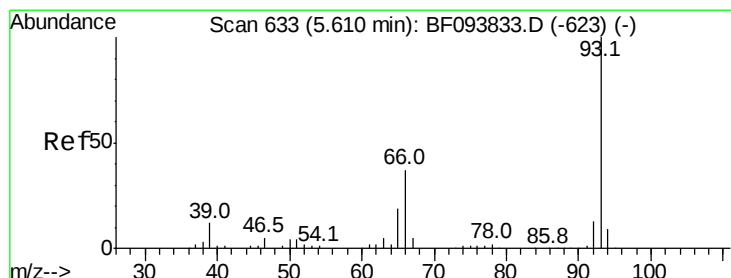
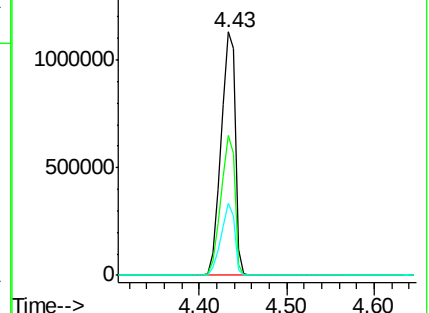
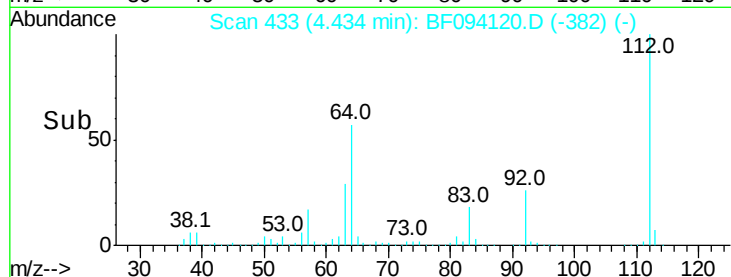
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.52 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

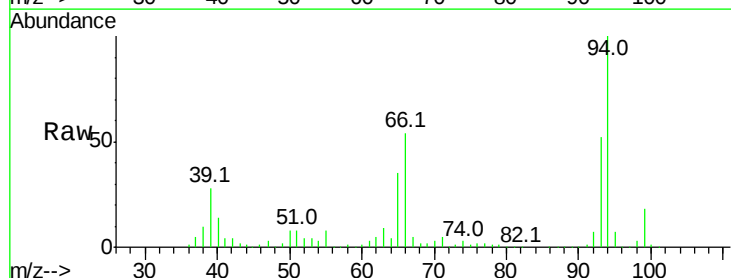
Tgt Ion: 93 Resp: 478298

Ion Ratio Lower Upper

93 100

66 104.6 32.9 49.3#

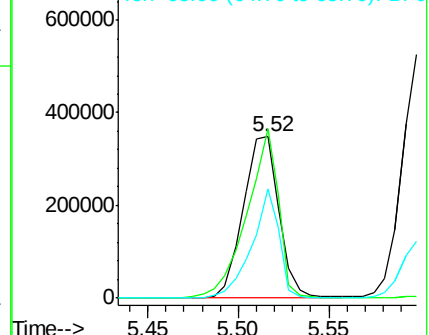
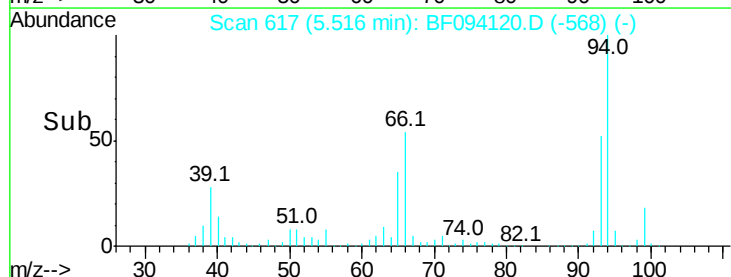
65 67.6 16.0 24.0#

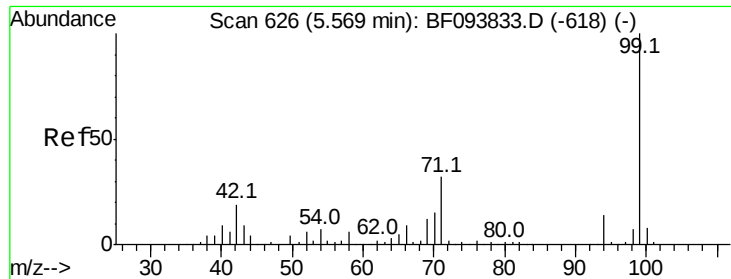


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.74 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion: 99 Resp: 1596223

Ion Ratio Lower Upper

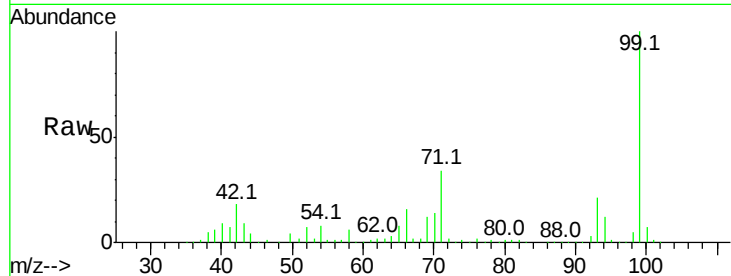
99 100

42 17.9 13.5 20.3

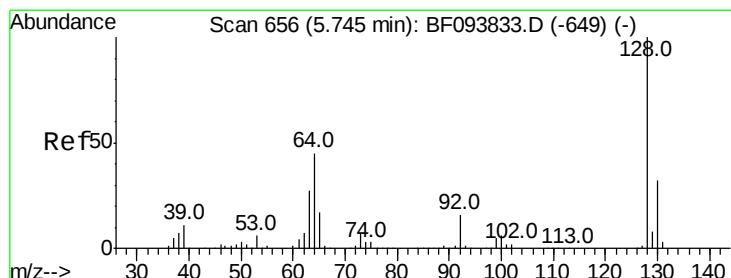
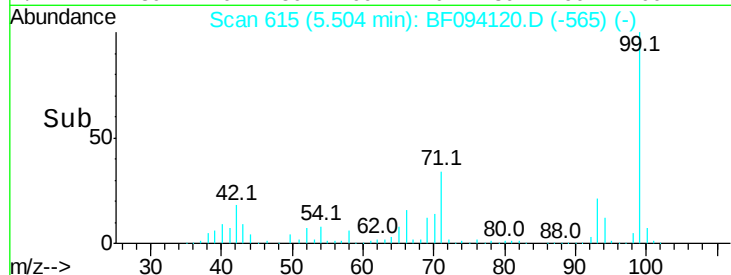
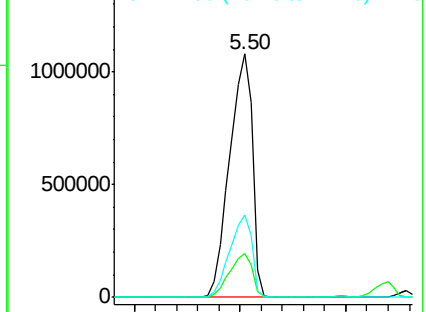
71 33.9 24.5 36.7

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



#8

2-Chlorophenol

Concen: 45.38 ng

RT: 5.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

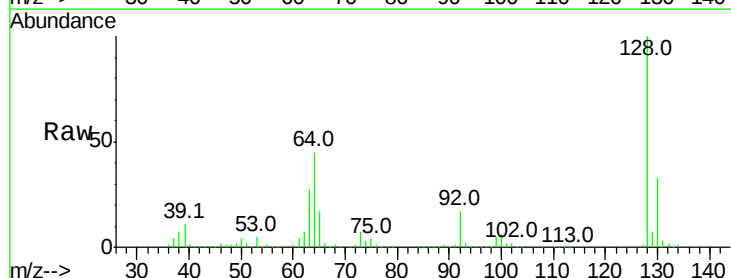
Tgt Ion:128 Resp: 503798

Ion Ratio Lower Upper

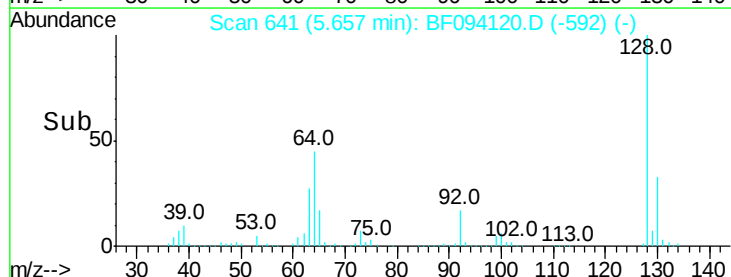
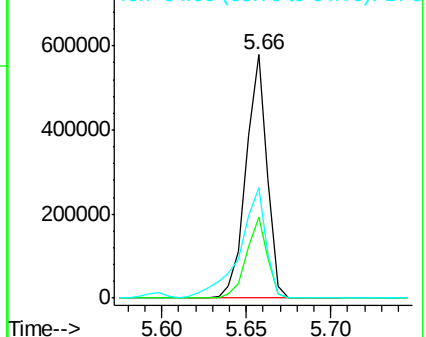
128 100

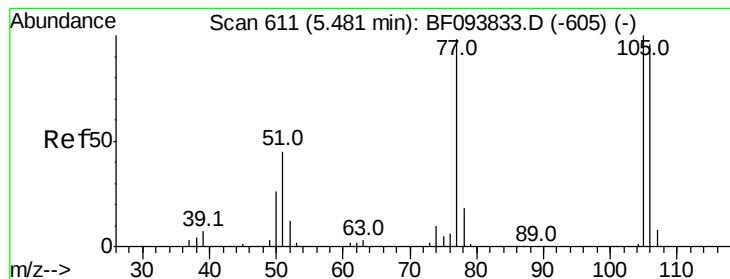
130 33.2 12.9 52.9

64 45.5 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: 45.50 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 77 Resp: 383929

Ion Ratio Lower Upper

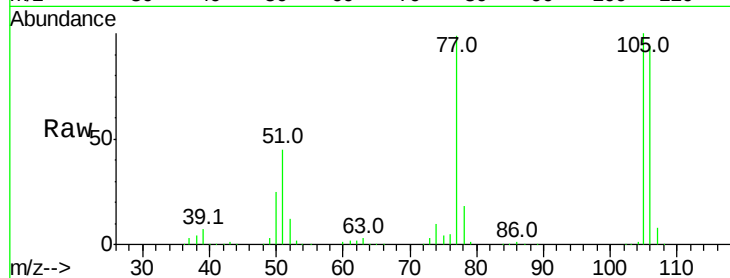
77 100

105 101.3 83.8 123.8

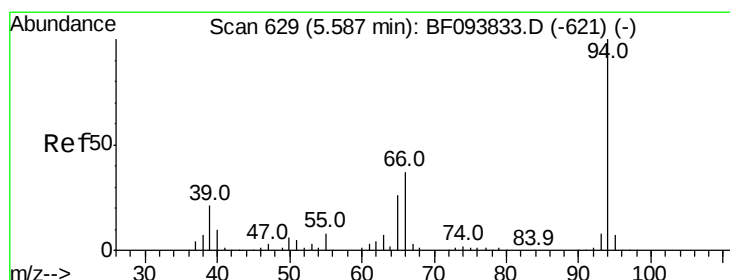
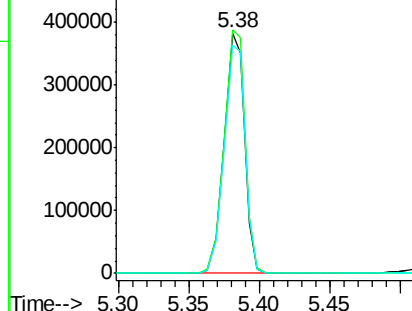
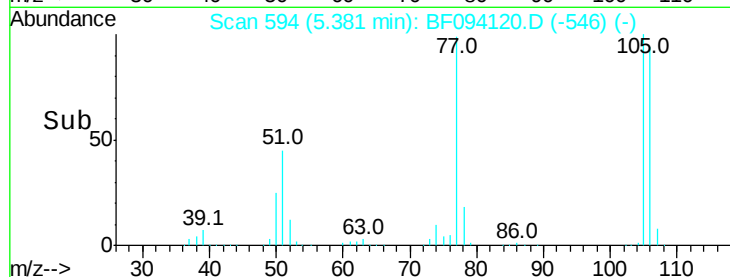
106 94.7 79.1 119.1

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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: 41.65 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

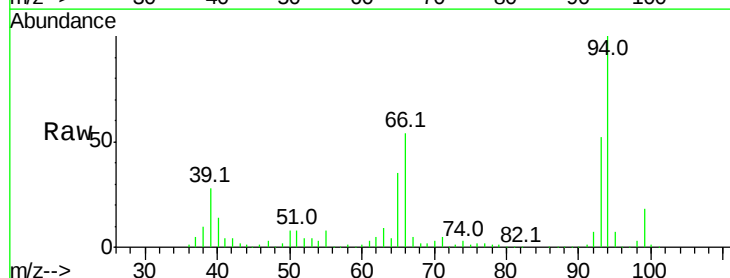
Tgt Ion: 94 Resp: 592222

Ion Ratio Lower Upper

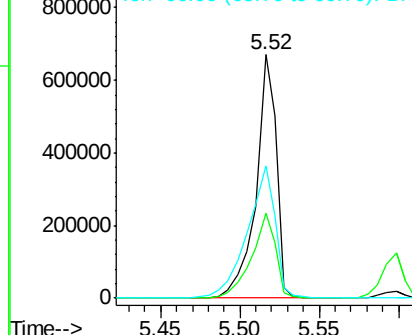
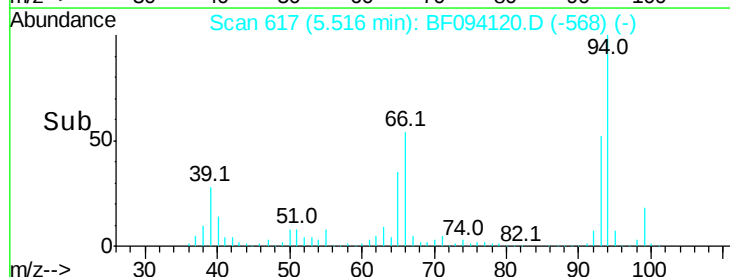
94 100

65 35.1 9.9 49.9

66 54.4 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





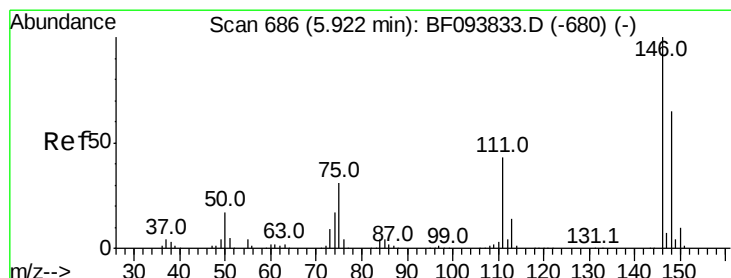
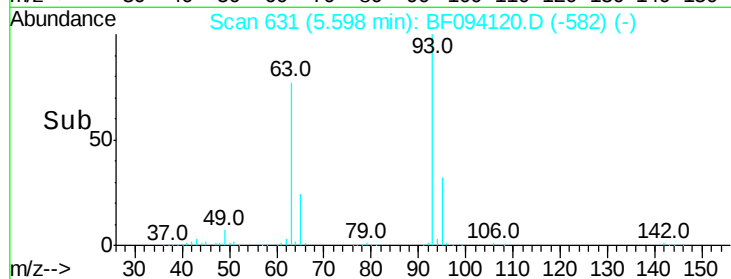
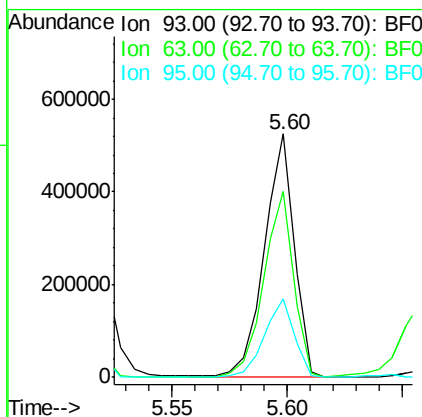
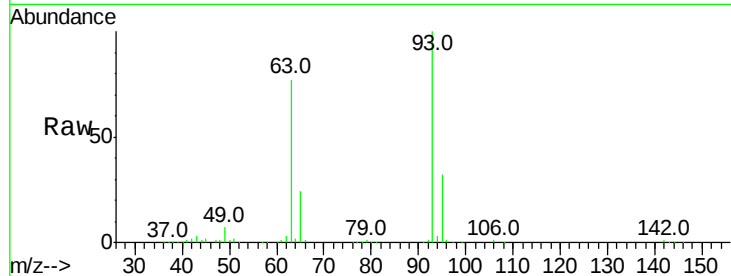
#11
bis(2-Chloroethyl)ether
Concen: 42.55 ng
RT: 5.60 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	93	Ratio	100	Resp	472886
Ion	93	100		Lower	Upper
	63	76.6		59.2	99.2
	95	32.4		12.8	52.8

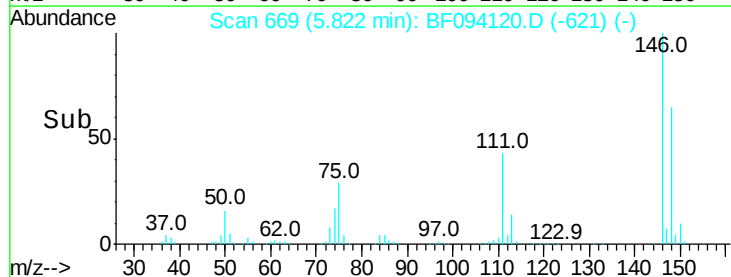
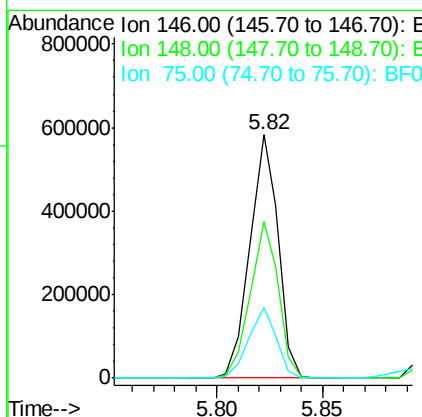
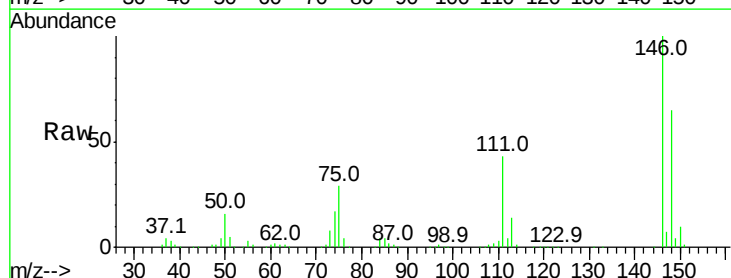
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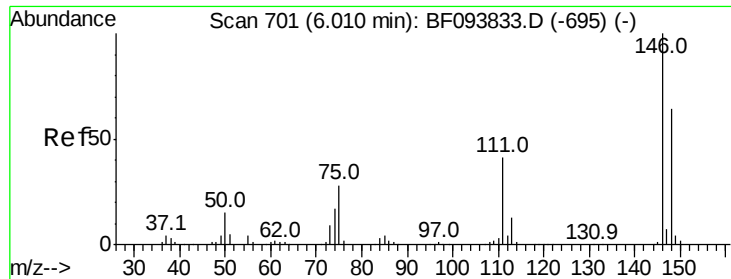
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.43 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	146	Ratio	100	Resp	540905
Ion	146	100		Lower	Upper
	148	64.5		51.8	77.6
	75	29.3		23.1	34.7





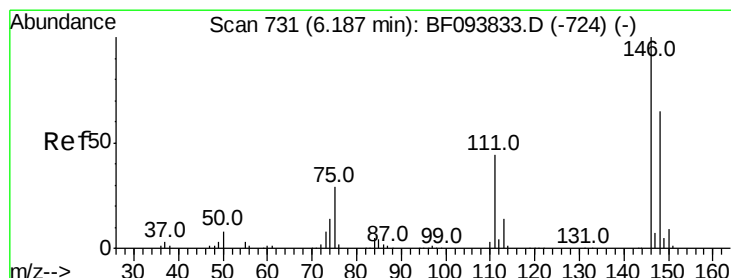
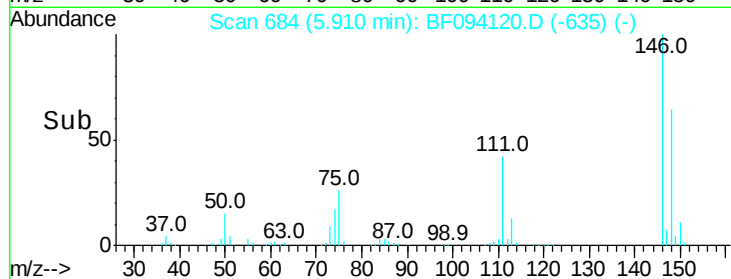
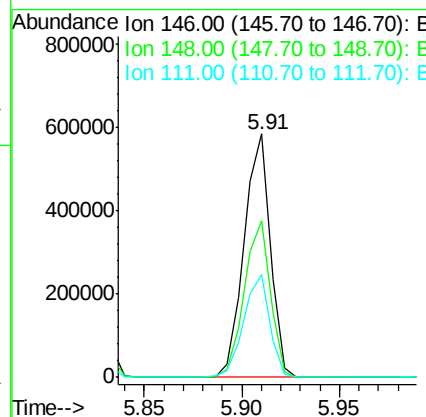
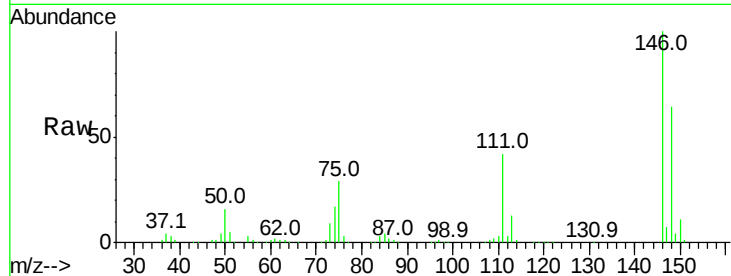
#13
 1,4-Dichlorobenzene
 Concen: 43.08 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	42.2	30.3	45.5

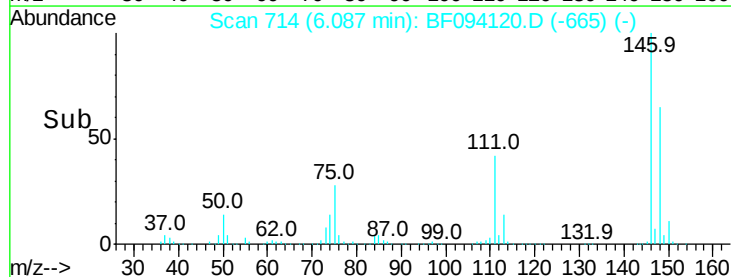
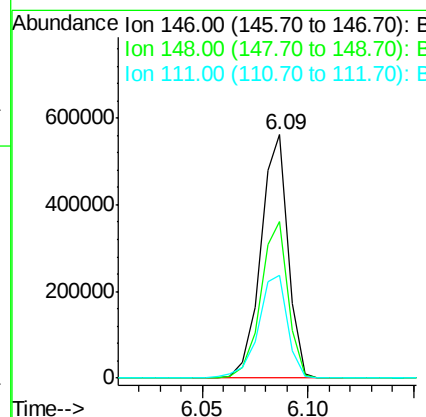
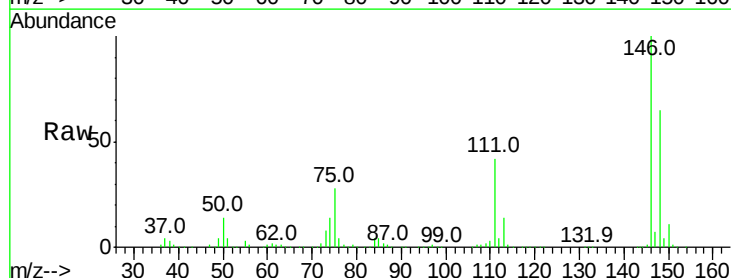
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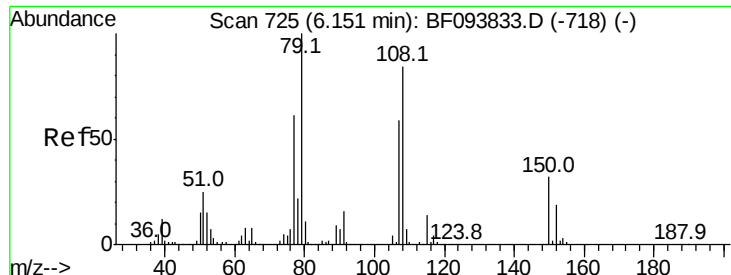
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.55 ng
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	42.0	38.2	57.4





#15

Benzyl Alcohol

Concen: 44.77 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampled :

PB97987BS

Tot Ion: 79 Resp: 409467

Ion Ratio Lower Upper

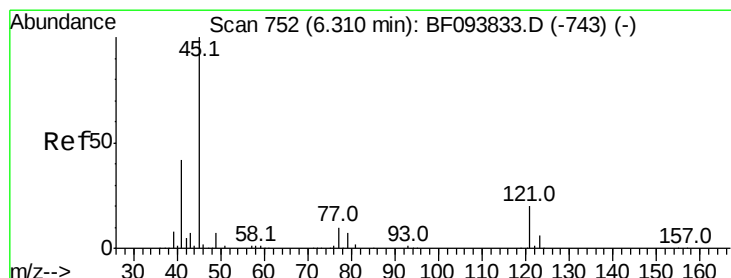
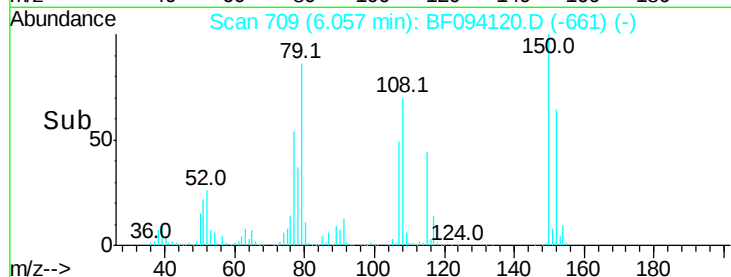
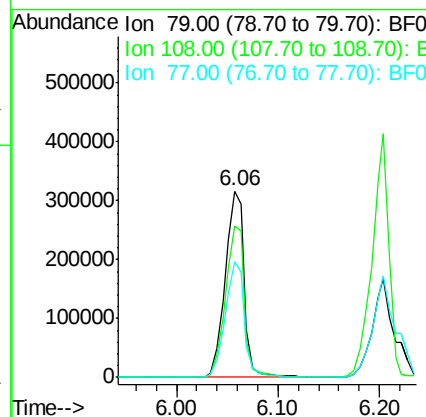
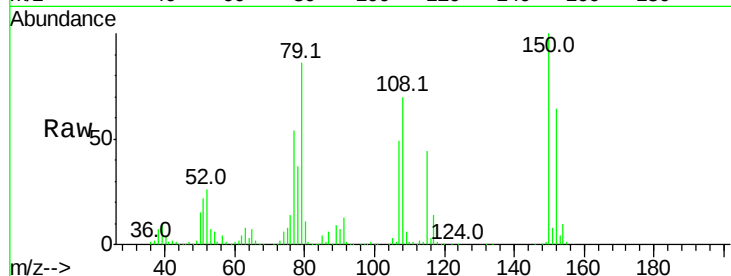
79 100

108 81.0 63.4 95.0

77 62.3 49.2 73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.32 ng

RT: 6.22 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

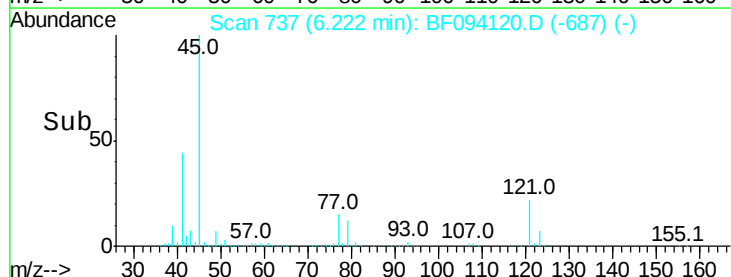
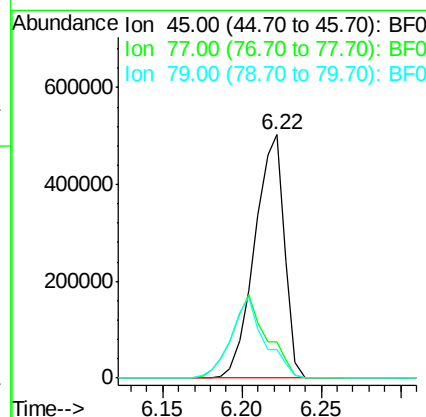
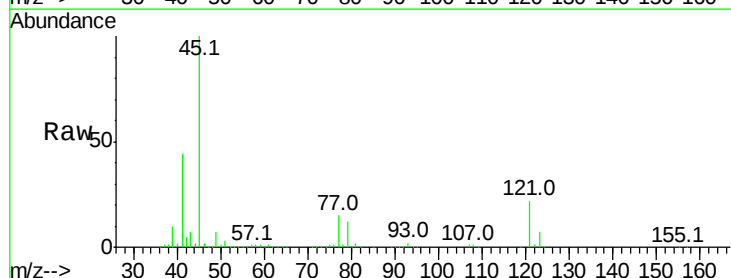
Tgt Ion: 45 Resp: 656228

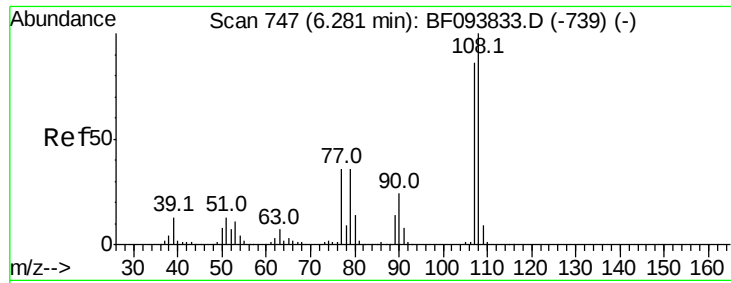
Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.2

79 11.7 0.0 30.0





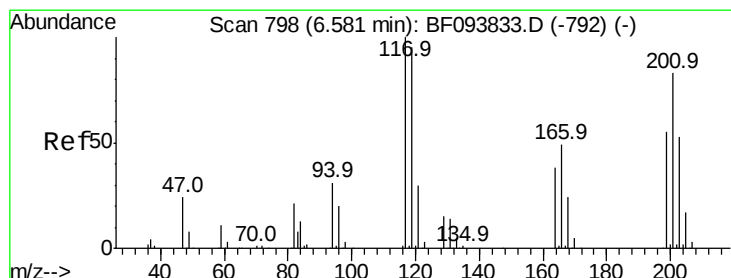
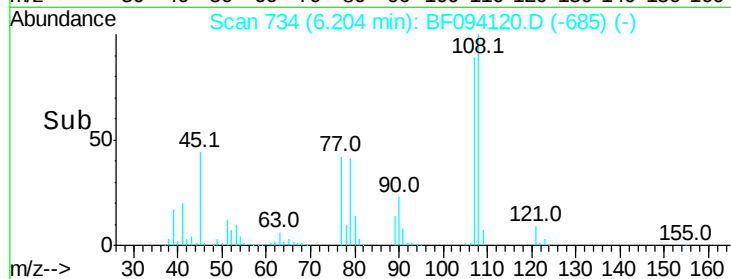
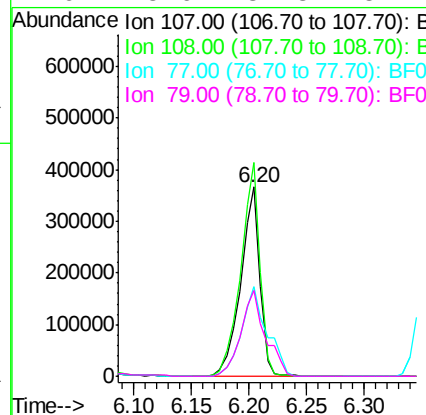
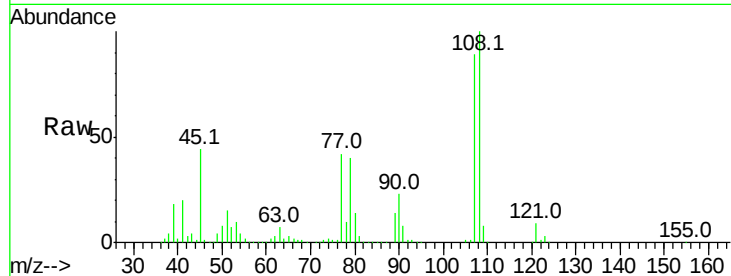
#17
2-Methylphenol
Concen: 44.10 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.8	93.4	140.0		
77	47.0	35.8	53.6		
79	45.6	34.8	52.2		

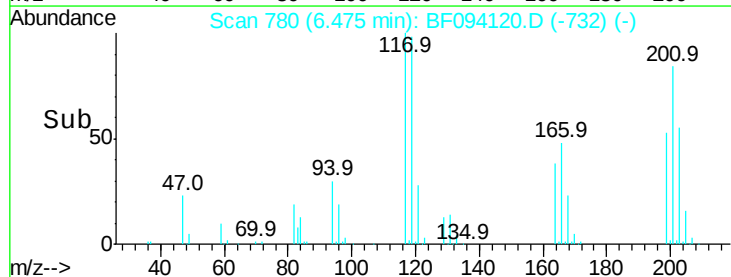
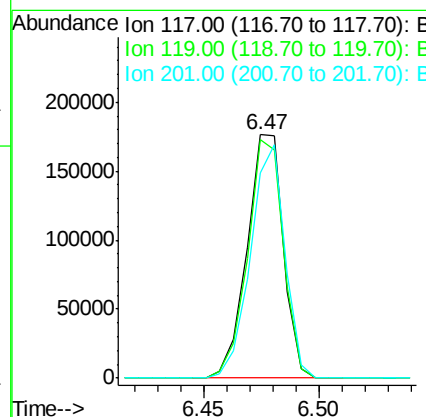
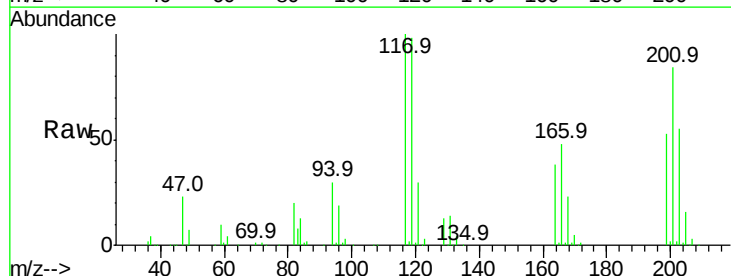
Manual Integrations
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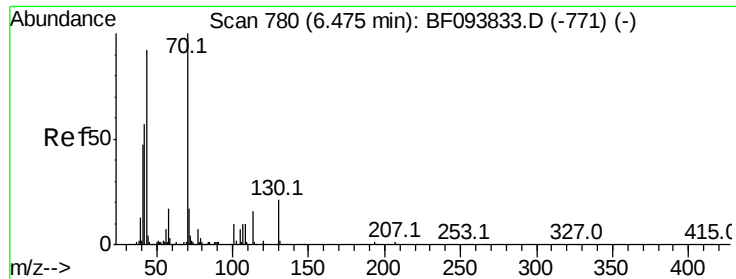
mohammad
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#18
Hexachloroethane
Concen: 43.76 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	98.1	77.4	116.0		
201	84.4	94.6	141.8#		





#19

n-Nitroso-di-n-propylamine

Concen: 43.95 ng

RT: 6.37 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

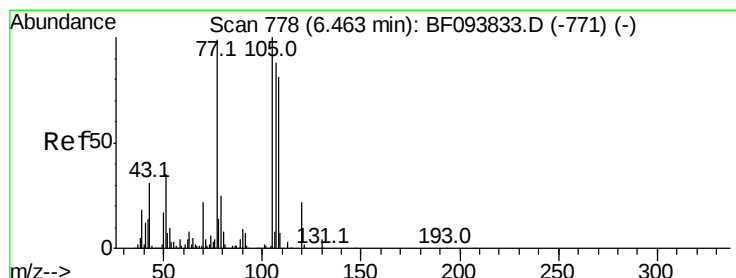
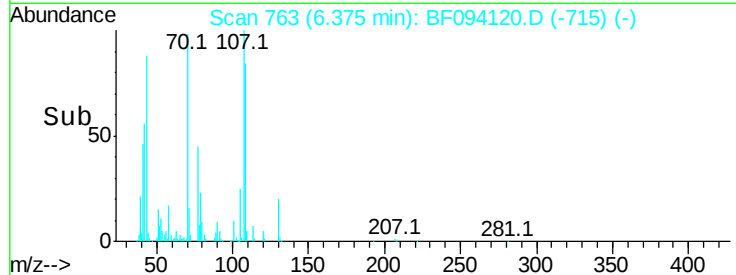
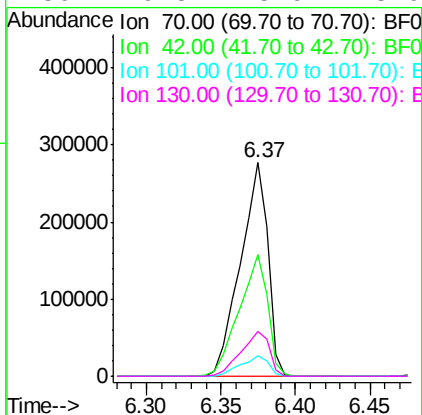
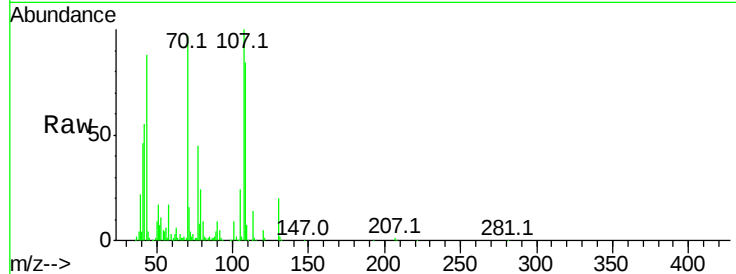
ClientSampleId :

PB97987BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.1	47.2	70.8	
101	9.7	7.2	10.8	
130	20.8	15.9	23.9	

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#20

3+4-Methylphenols

Concen: 47.75 ng

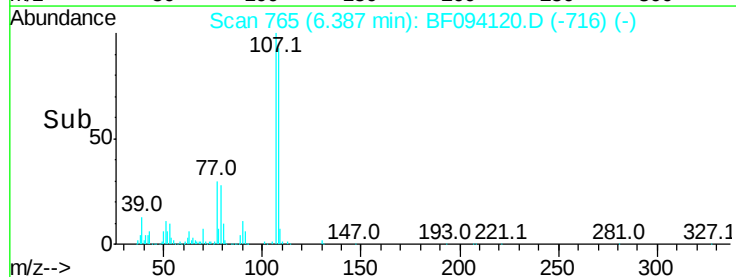
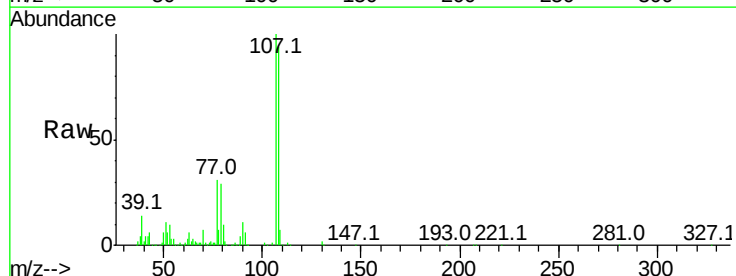
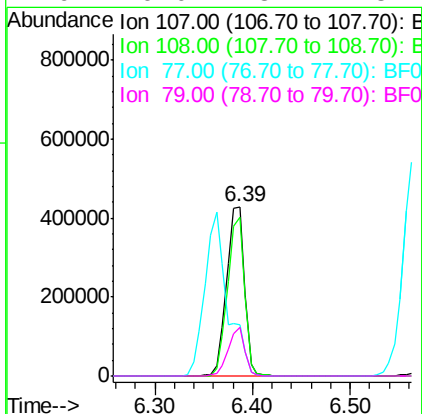
RT: 6.39 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.7	71.0	111.0	
77	30.6	90.5	130.5#	
79	29.0	8.4	48.4	





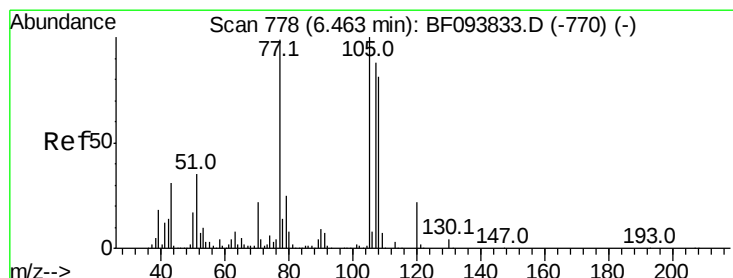
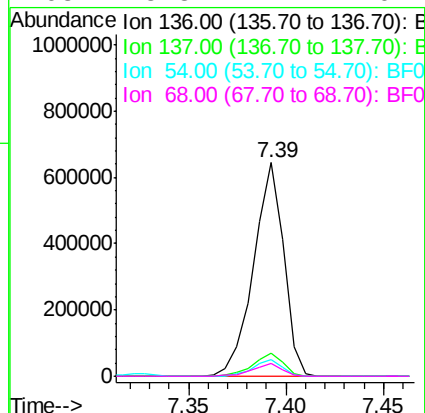
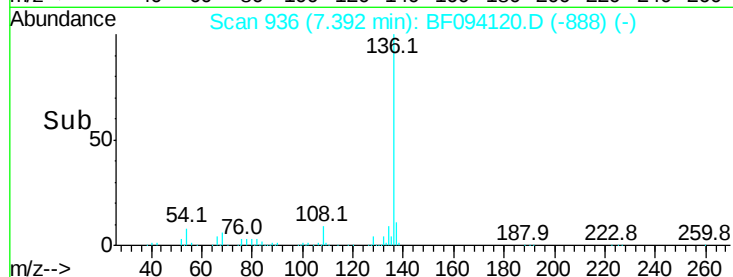
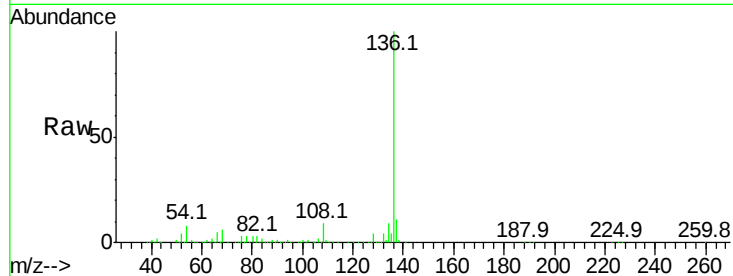
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	689569		
137	10.9		8.5	12.7
54	7.6		4.9	7.3#
68	5.8		4.1	6.1

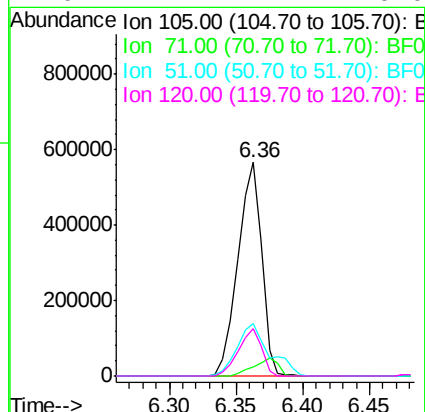
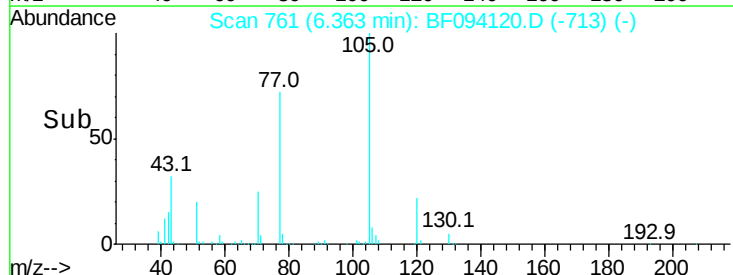
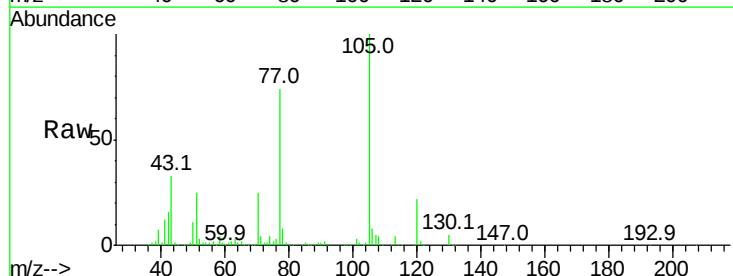
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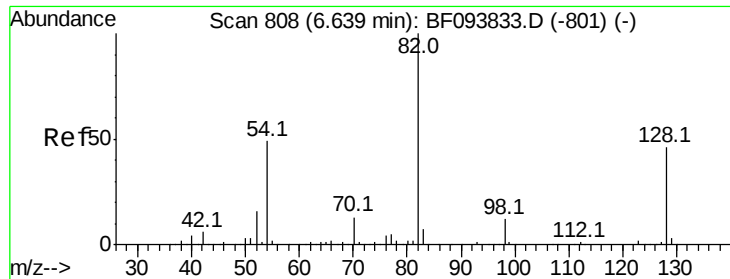
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#22
Acetophenone
Concen: 45.83 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	704314		
71	4.2		2.8	4.2
51	24.6		30.7	46.1#
120	22.2		17.4	26.0





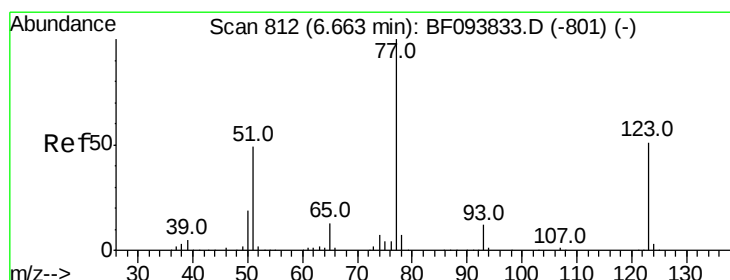
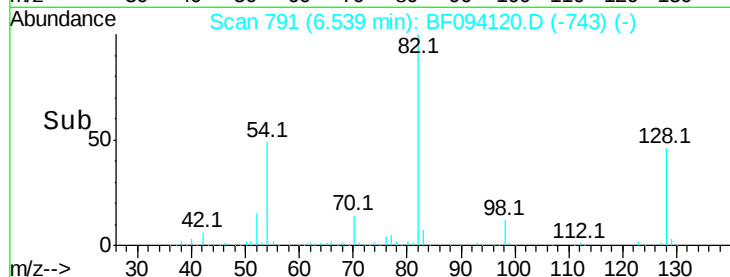
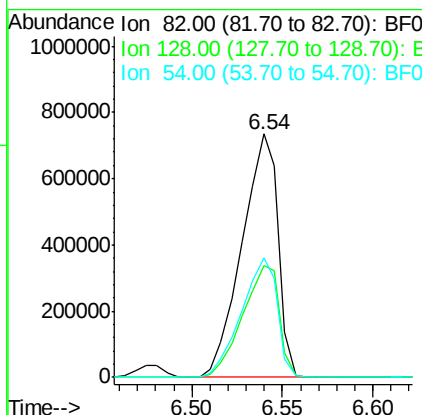
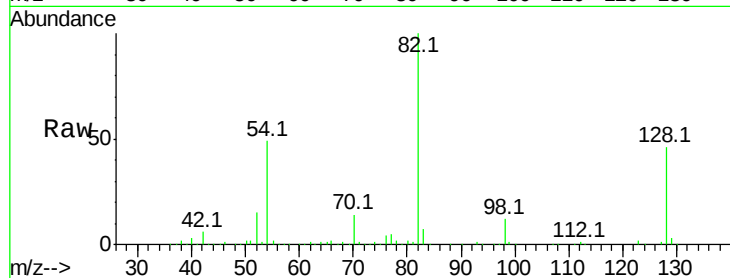
#23
 Nitrobenzene-d5
 Concen: 83.96 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampled :
 PB97987BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	49.0	42.2	63.2

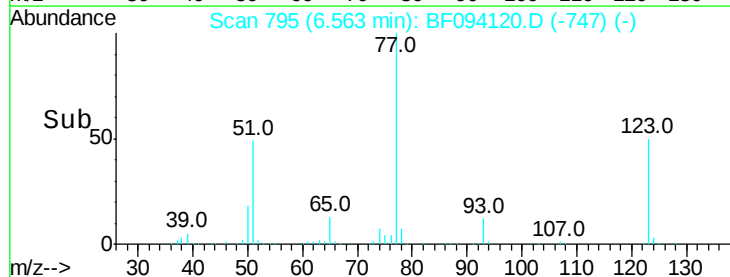
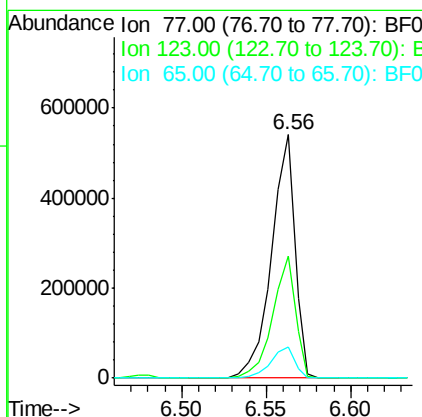
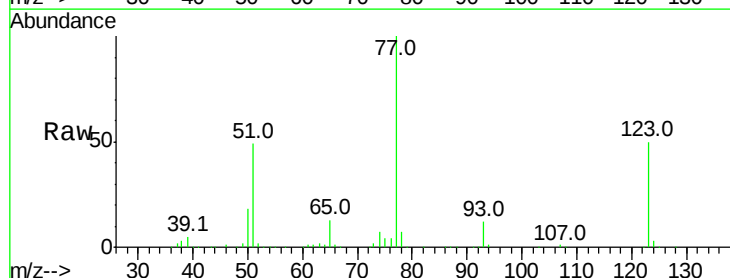
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#24
 Nitrobenzene
 Concen: 43.65 ng
 RT: 6.56 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 43.77 ng

RT: 6.85 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

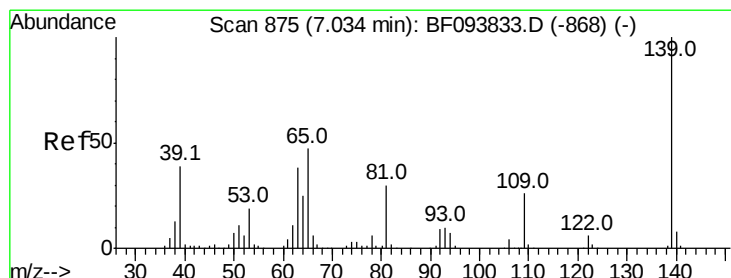
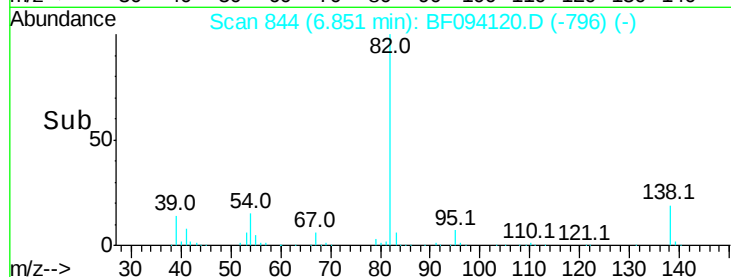
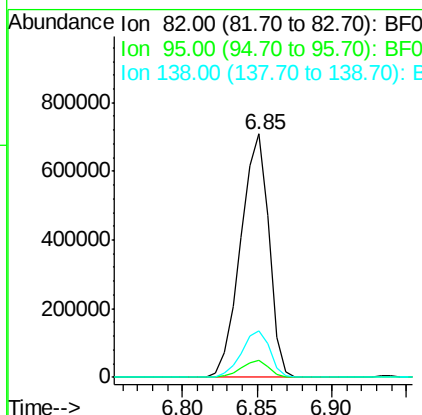
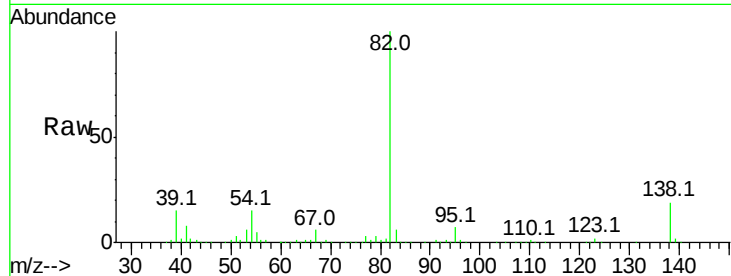
ClientSampleId :

PB97987BS

Tot Ion:	82	Resp:	929424
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.41 ng

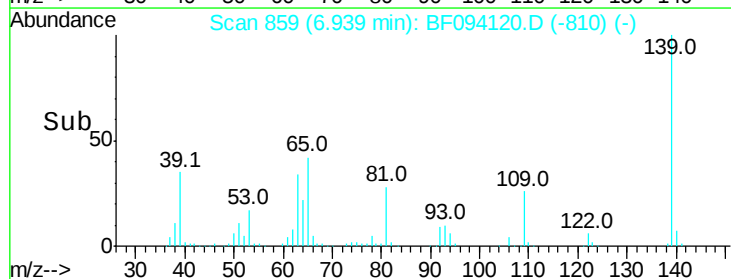
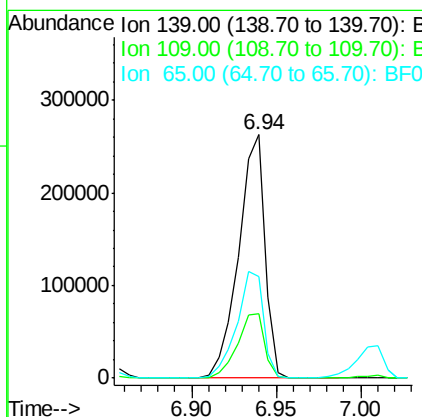
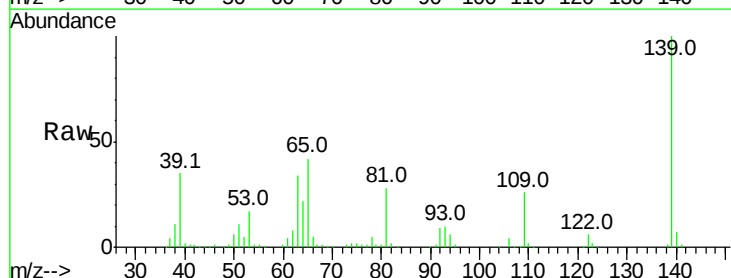
RT: 6.94 min Scan# 859

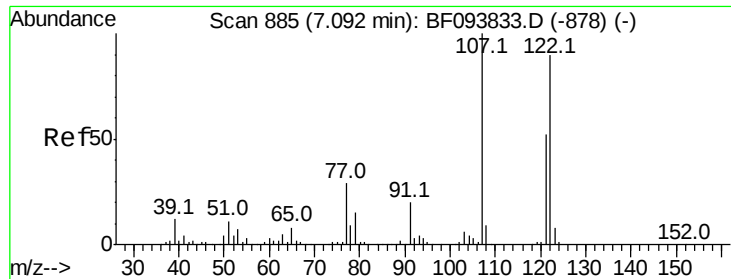
Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:	139	Resp:	286492
Ion Ratio	Lower	Upper	
139	100		
109	26.5	21.0	31.6
65	41.6	33.0	49.6





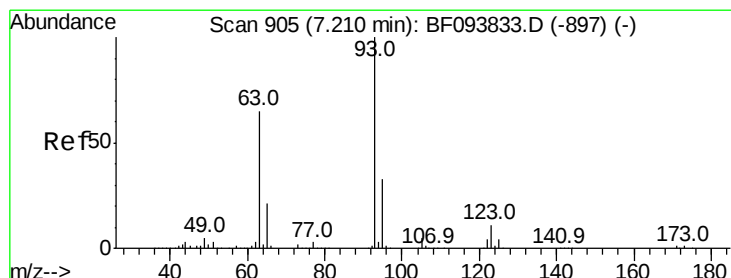
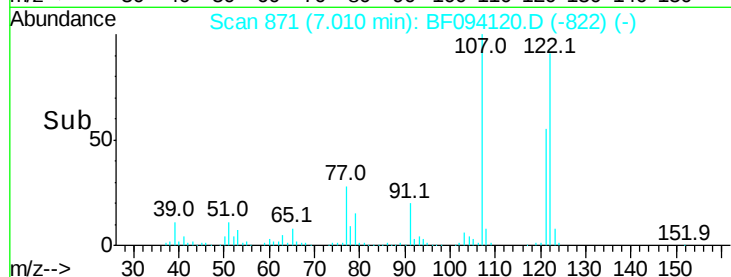
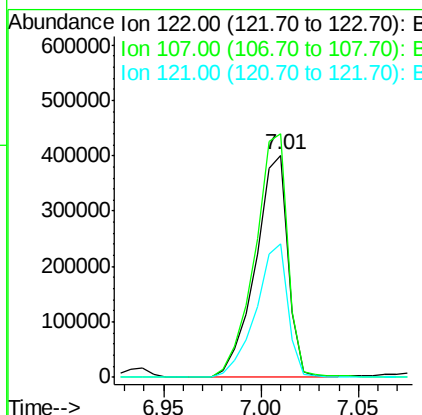
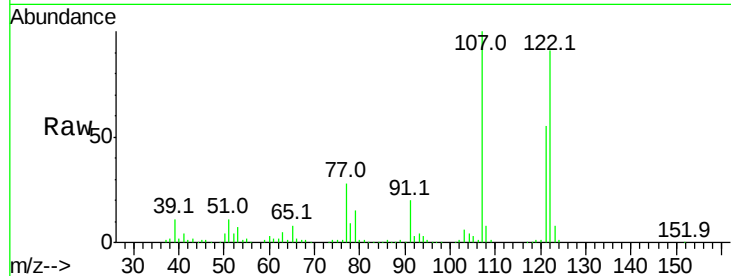
#27
2,4-Dimethylphenol
Concen: 47.30 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	89.2	133.8
121	60.0	45.2	67.8

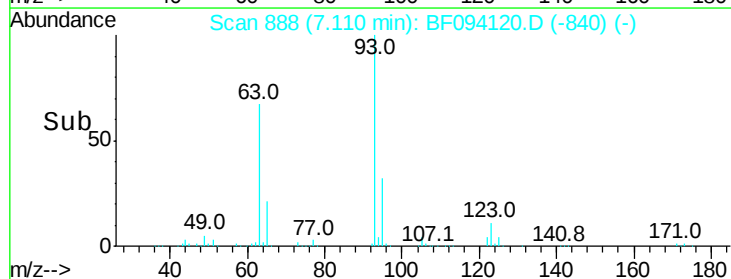
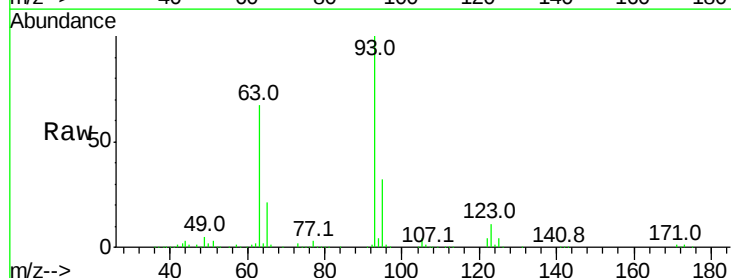
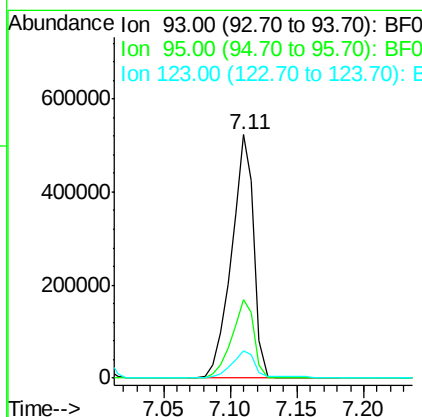
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#28
bis(2-Chloroethoxy)methane
Concen: 43.34 ng
RT: 7.11 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.4	9.0	13.4





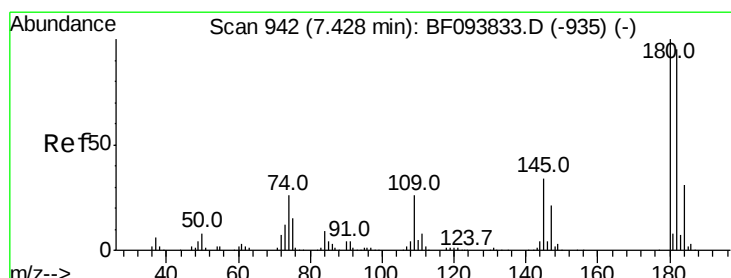
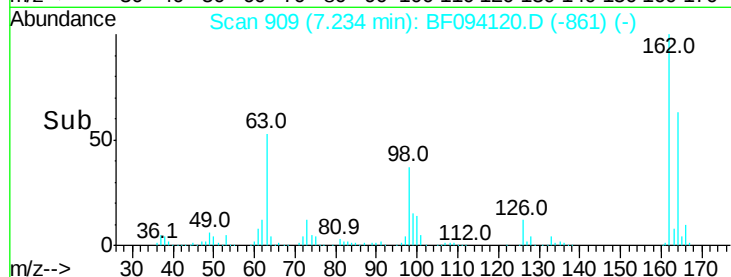
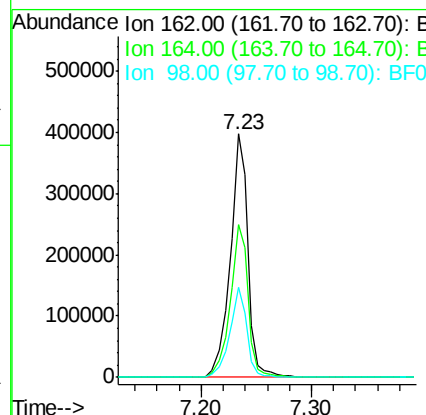
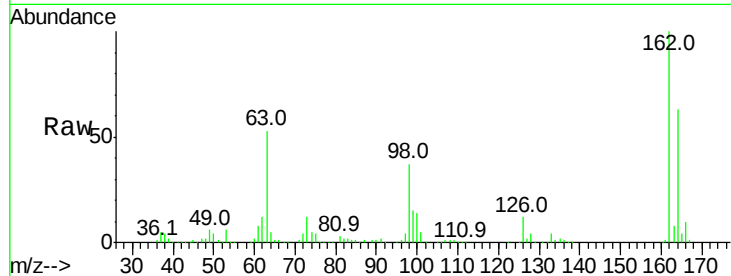
#29
 2,4-Dichlorophenol
 Concen: 48.60 ng
 RT: 7.23 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion:	162	Resp:	444999
Ion Ratio	Lower	Upper	
162	100		
164	62.6	44.6	84.6
98	36.8	14.8	54.8

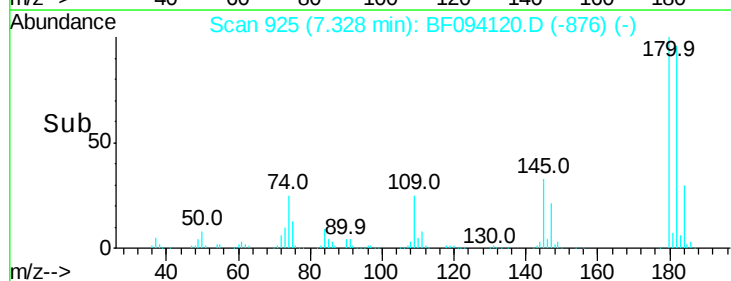
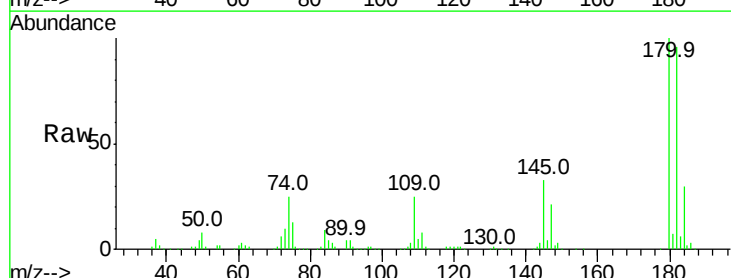
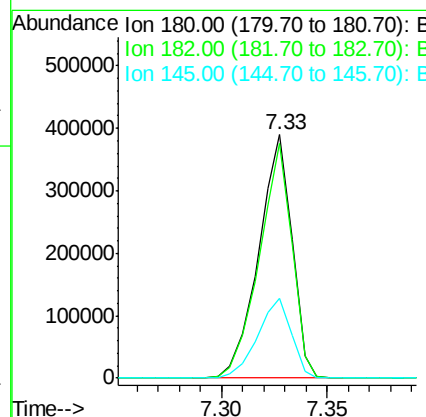
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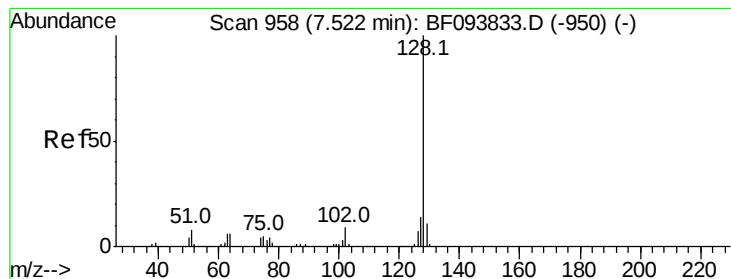
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.34 ng
 RT: 7.33 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:	180	Resp:	427581
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.8	113.6
145	32.7	25.3	37.9





#31

Naphthalene

Concen: 43.02 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion:128 Resp: 1426366

Ion Ratio Lower Upper

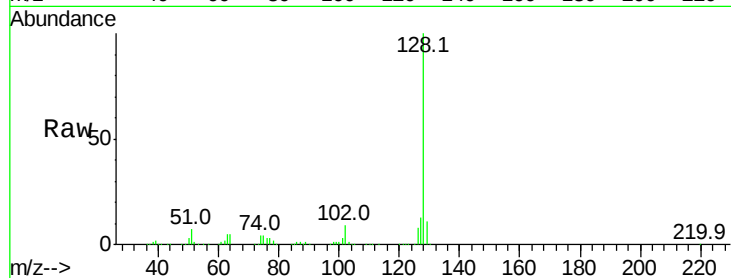
128 100

129 10.9 9.0 13.6

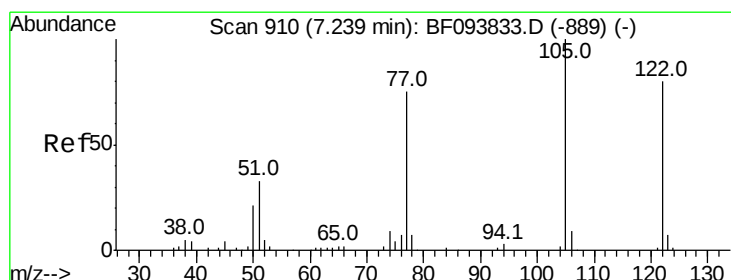
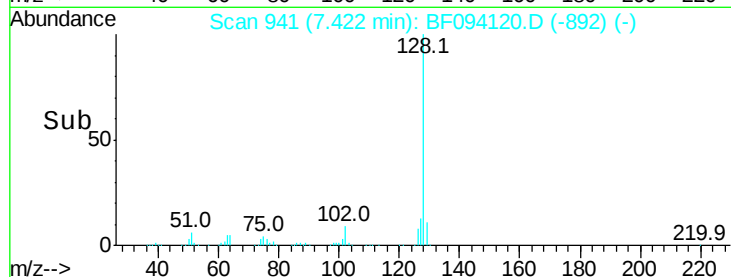
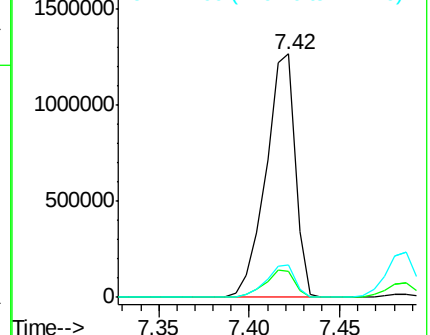
127 13.3 10.8 16.2

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



#32

Benzoic acid

Concen: 21.65 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

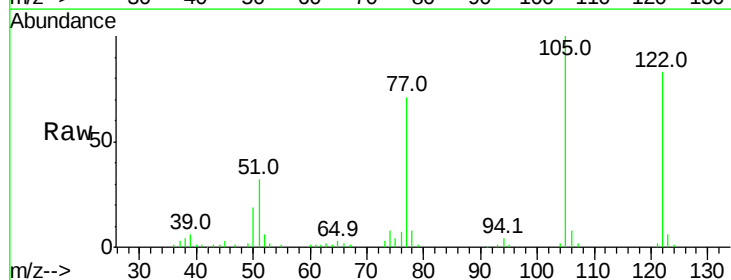
Tgt Ion:122 Resp: 141141

Ion Ratio Lower Upper

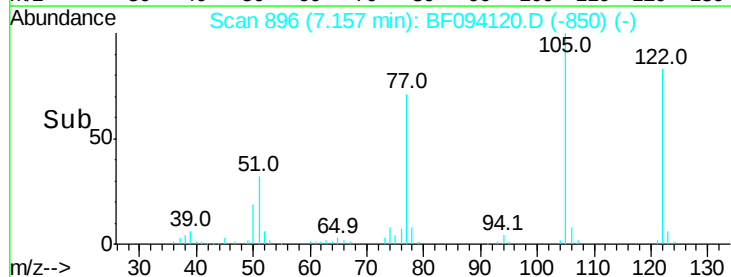
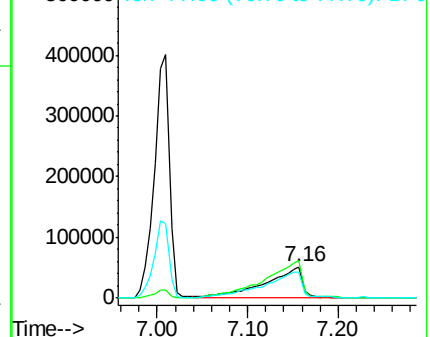
122 100

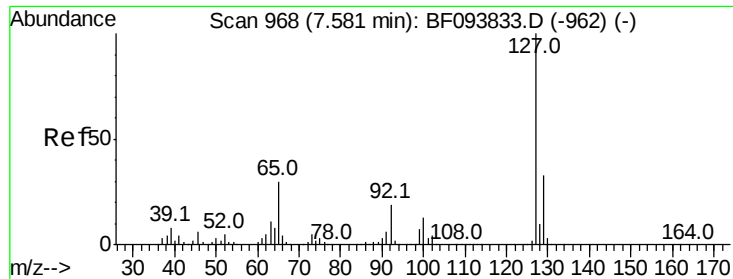
105 120.2 103.3 143.3

77 85.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





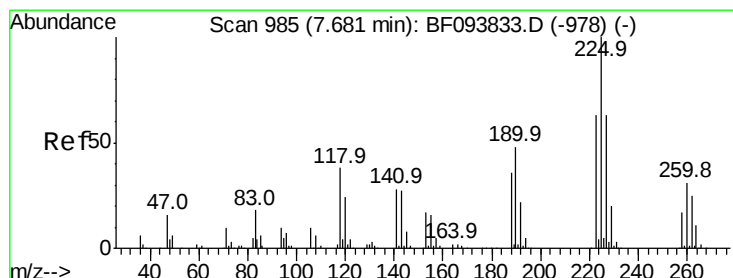
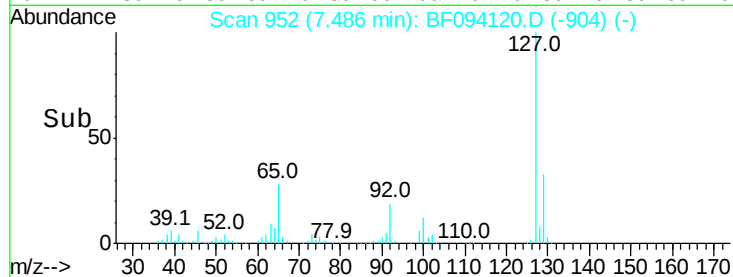
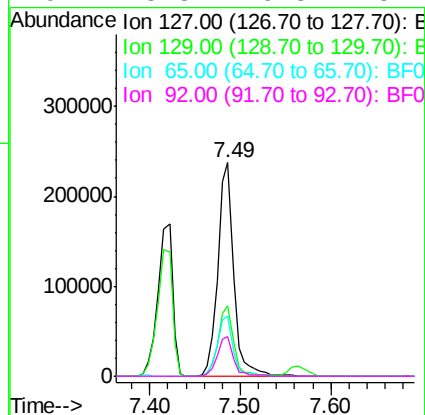
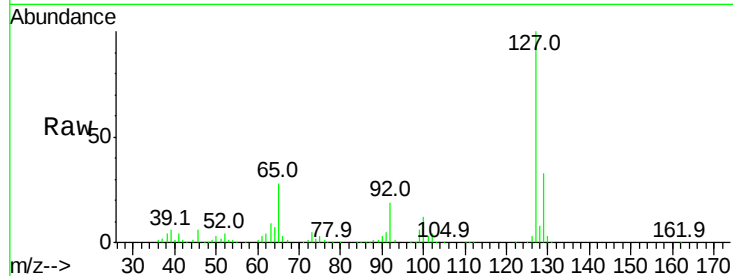
#33
4-Chloroaniline
Concen: 21.34 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.2	39.2	
65	28.0	27.8	41.8	
92	18.8	16.8	25.2	

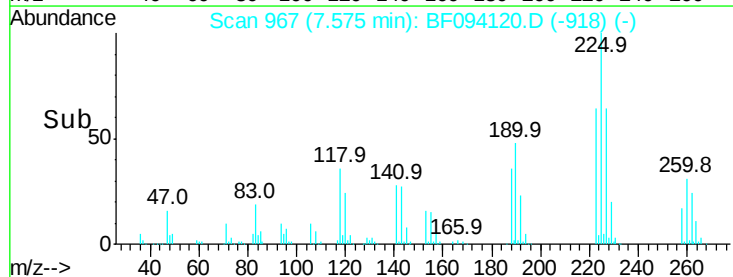
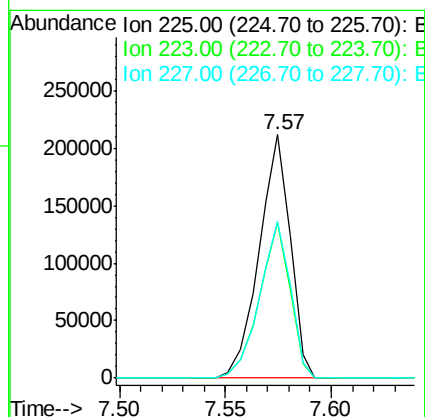
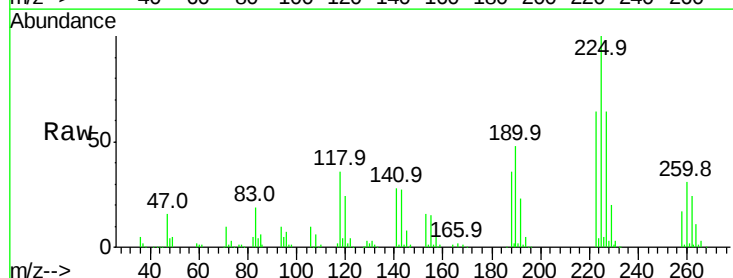
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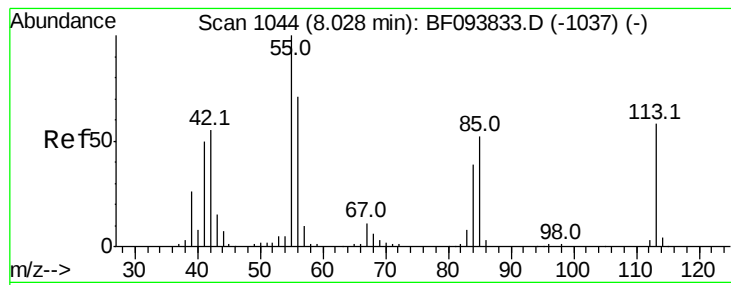
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#34
Hexachlorobutadiene
Concen: 44.97 ng
RT: 7.57 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	48.8	73.2	
227	64.2	51.1	76.7	





#35

Caprolactam

Concen: 49.15 ng/ml

RT: 7.93 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

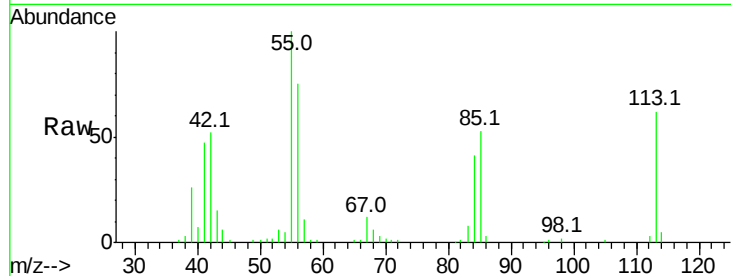
ClientSampleID :

PB97987BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.3	150.2	190.2
56	121.8	107.8	147.8

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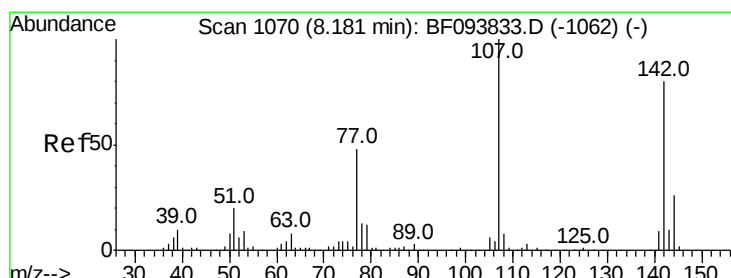
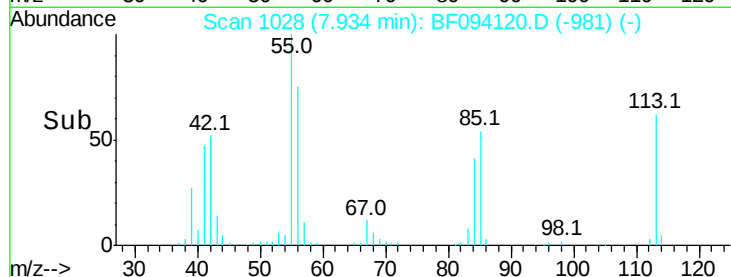
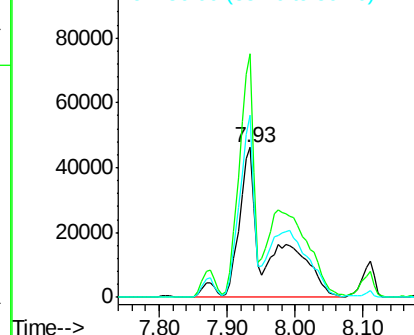


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.38 ng/ml

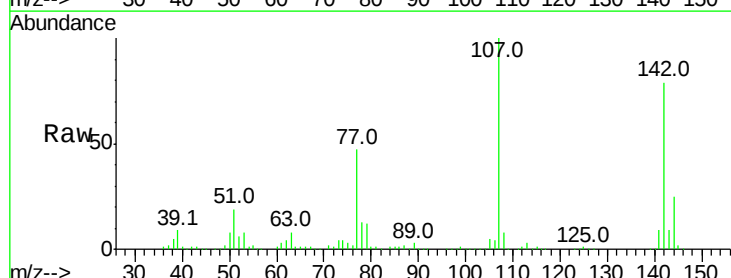
RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	24.2	36.4
142	79.2	73.4	110.0

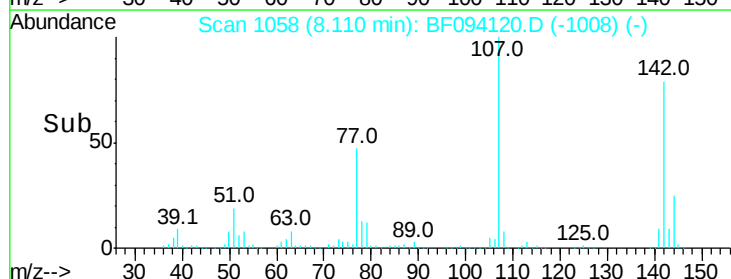
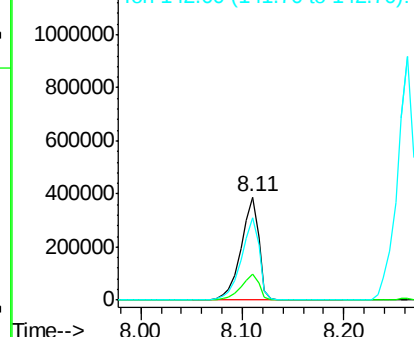


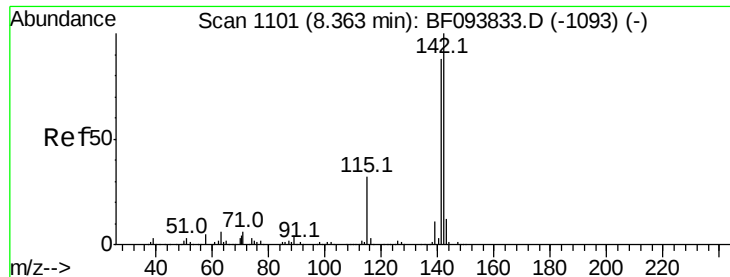
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.01 ng

RT: 8.26 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion:142 Resp: 1016860

Ion Ratio Lower Upper

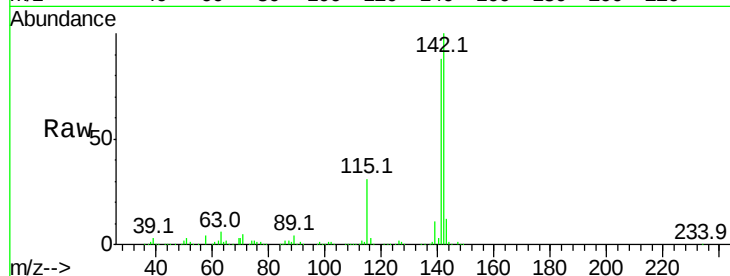
142 100

141 88.0 71.3 106.9

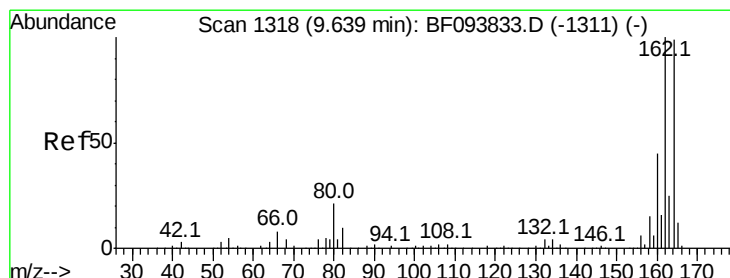
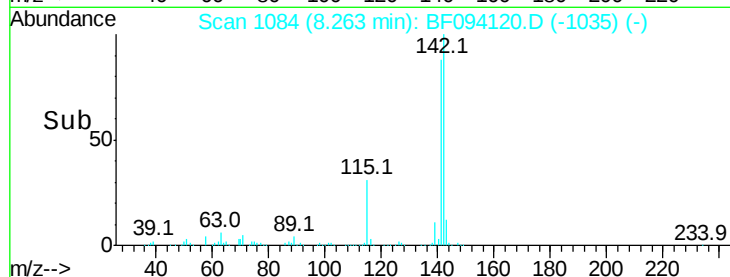
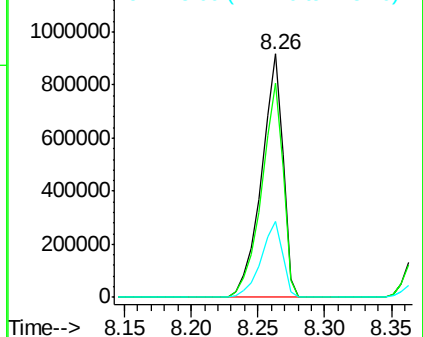
115 31.4 27.1 40.7

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

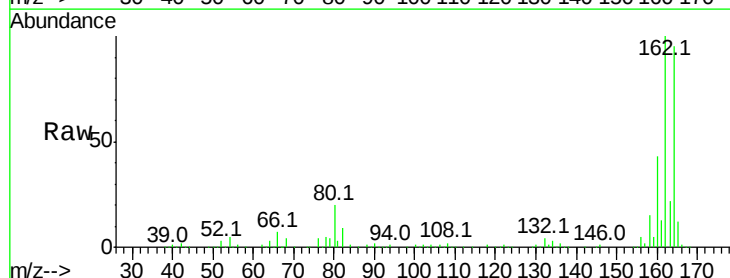
Tgt Ion:164 Resp: 321805

Ion Ratio Lower Upper

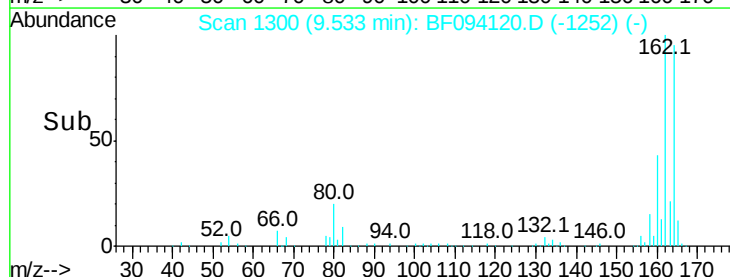
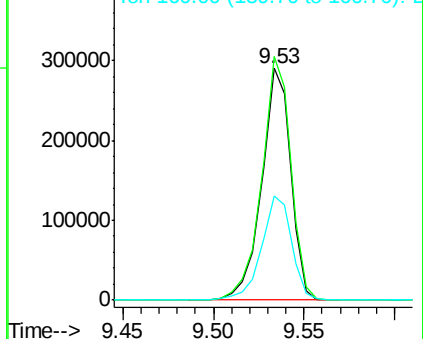
164 100

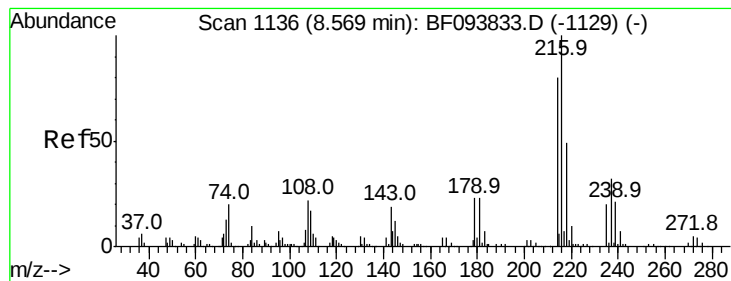
162 105.0 82.6 123.8

160 45.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





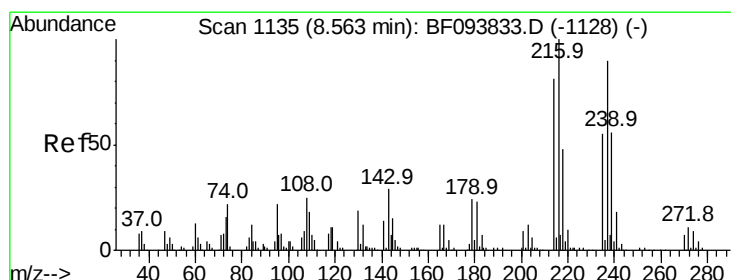
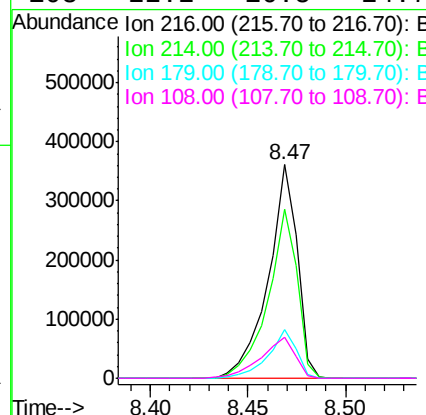
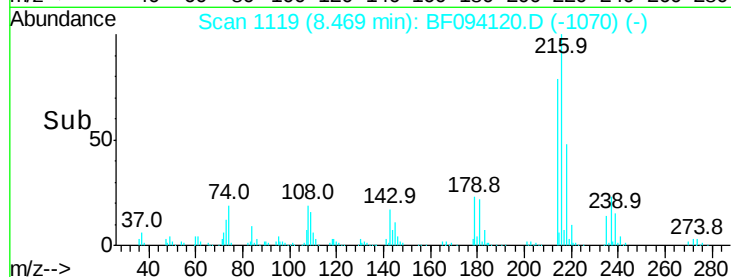
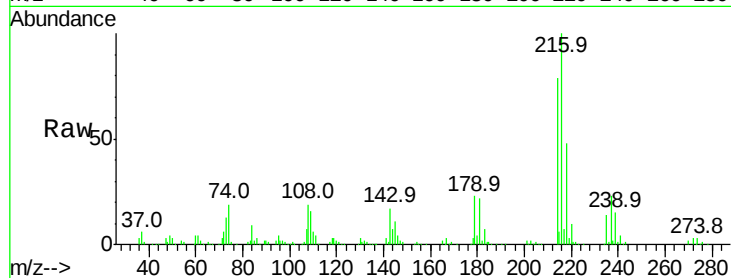
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.26 ng
 RT: 8.47 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	372015		
214	79.6	63.4	95.2	
179	22.3	17.9	26.9	
108	22.2	16.5	24.7	

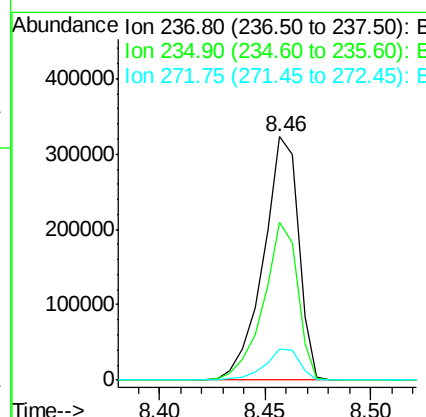
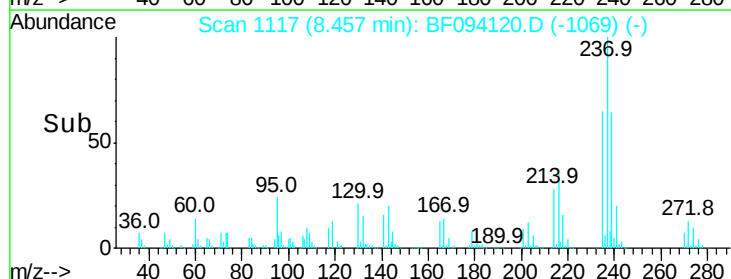
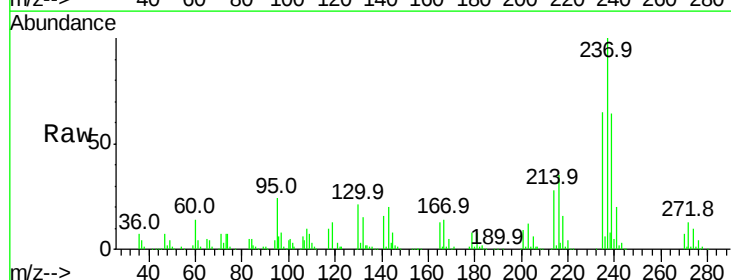
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#40
 Hexachlorocyclopentadiene
 Concen: 90.99 ng
 RT: 8.46 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	374843		
235	64.6	42.6	82.6	
272	12.7	0.0	31.9	





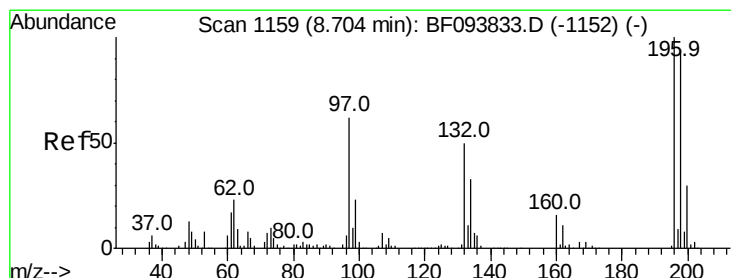
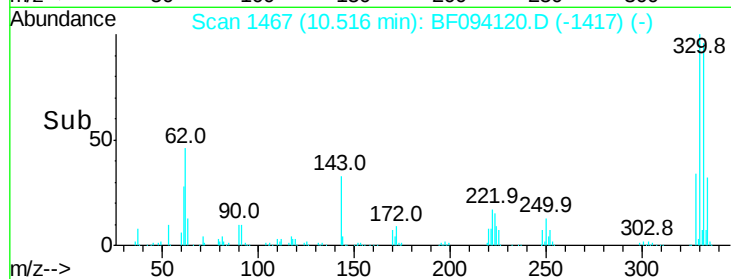
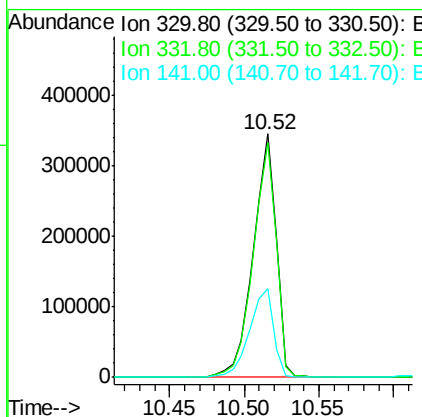
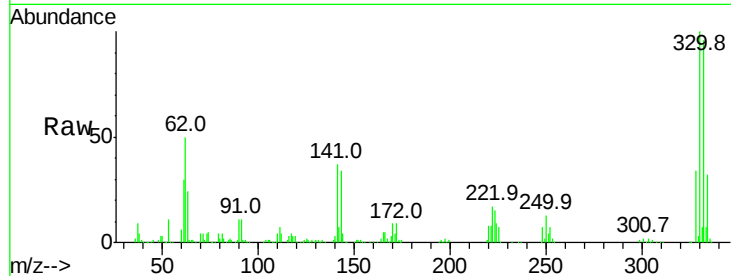
#41
 2,4,6-Tribromophenol
 Concen: 143.24 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	76.6	115.0	
141	38.6	31.4	47.2	

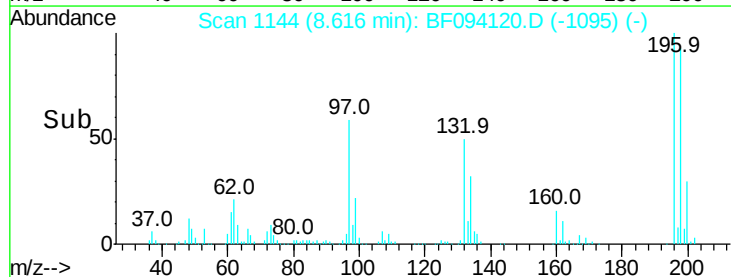
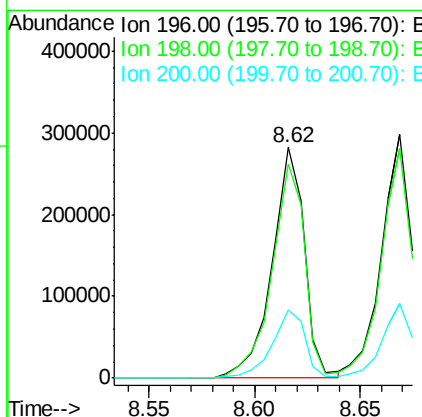
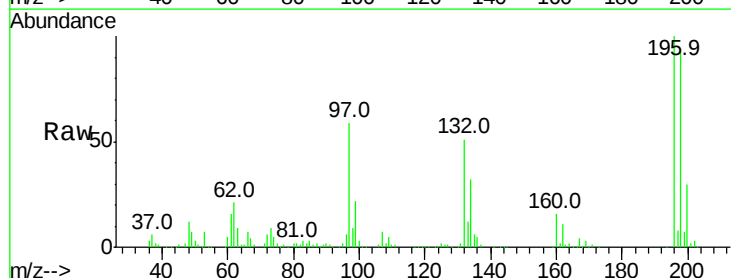
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#42
 2,4,6-Trichlorophenol
 Concen: 48.41 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.6	74.2	111.4	
200	29.8	24.0	36.0	





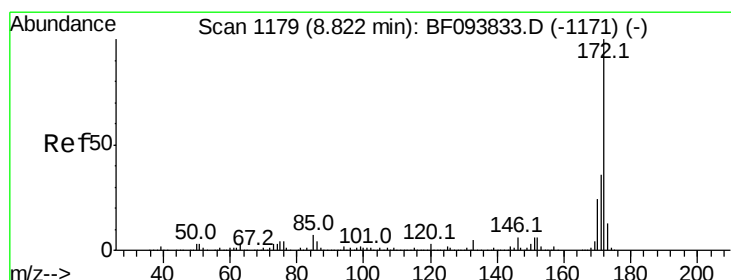
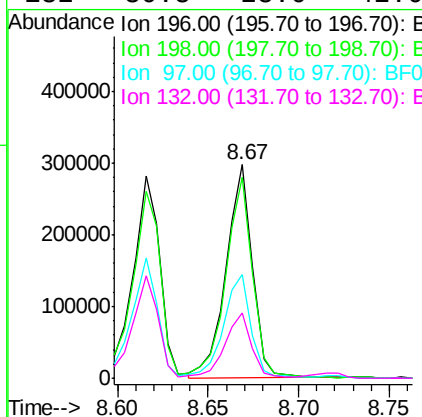
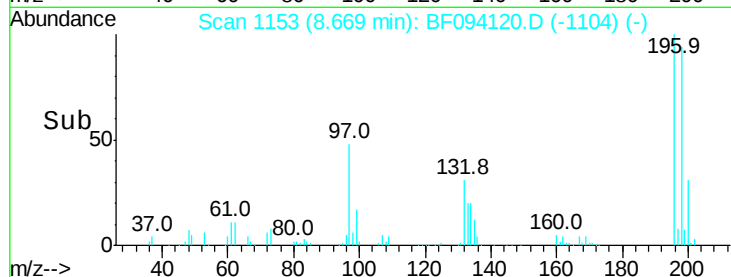
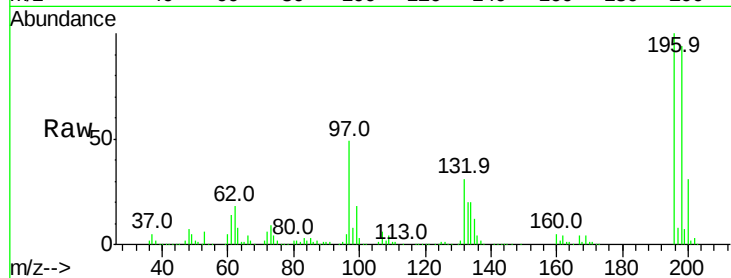
#43
 2,4,5-Trichlorophenol
 Concen: 44.79 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	196	Resp	301843
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
97	48.6	47.7	71.5
132	30.8	28.0	42.0

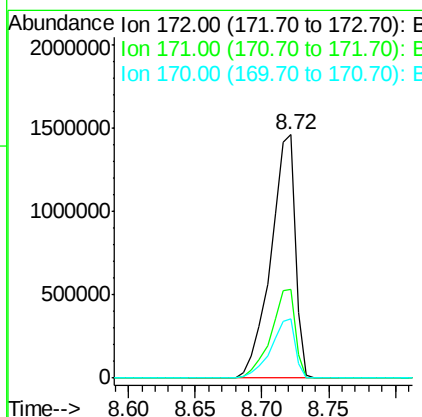
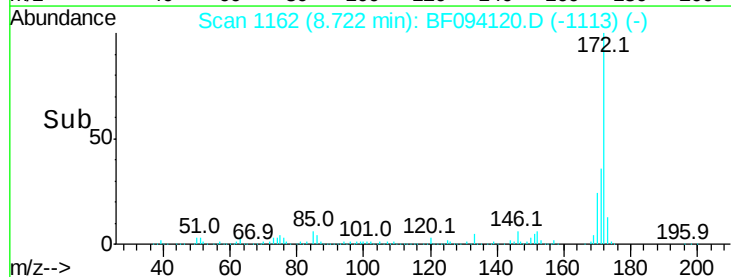
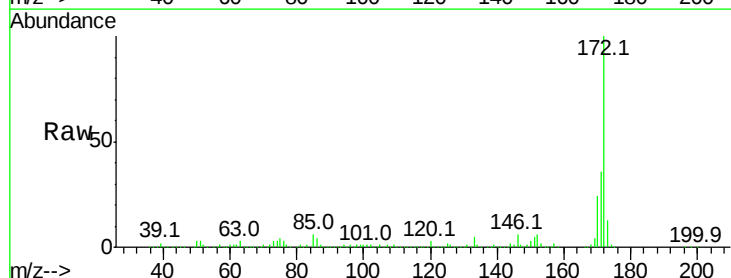
Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:33:54 PM



#44
 2-Fluorobiphenyl
 Concen: 89.05 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	172	Resp	1878794
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8





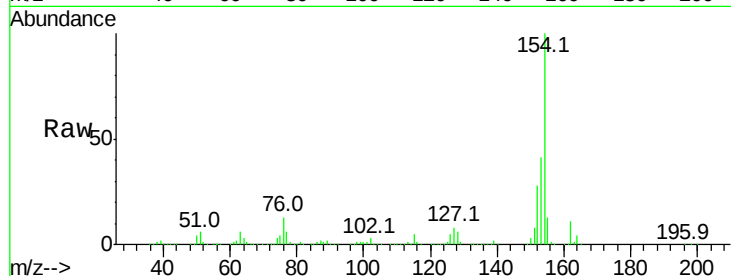
#45
 1,1'-Biphenyl
 Concen: 43.43 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.2	61.2
76	12.5	0.0	29.9

Manual Integrations
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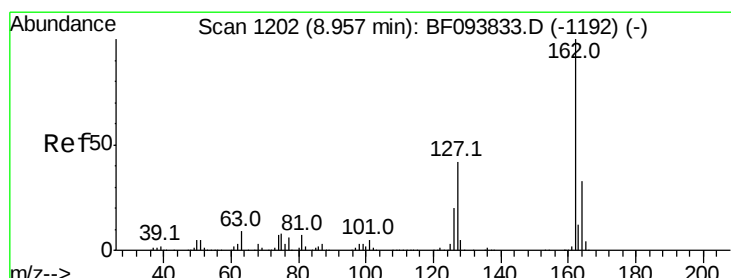
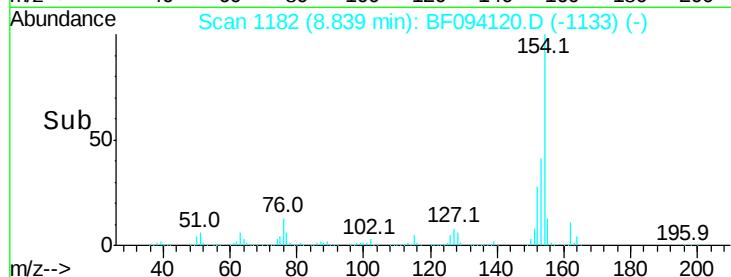
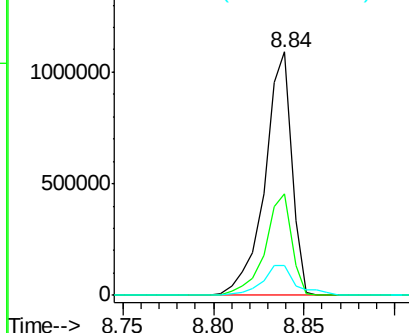


Abundance

Ion 154.00 (153.70 to 154.70): E

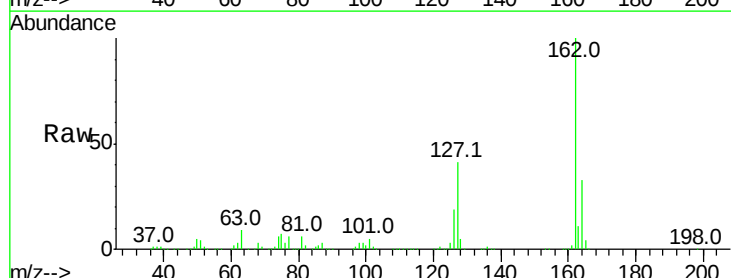
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 44.26 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	33.4	27.0	40.4

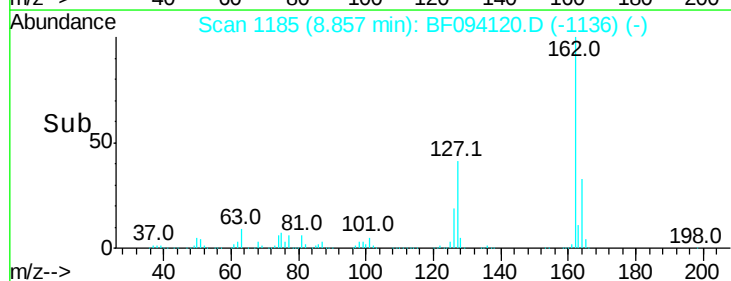
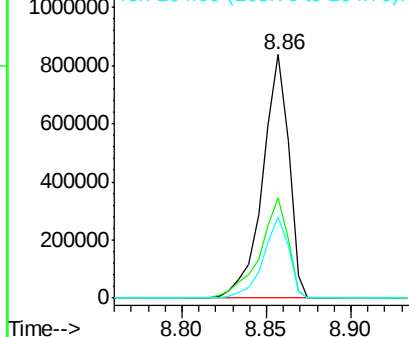


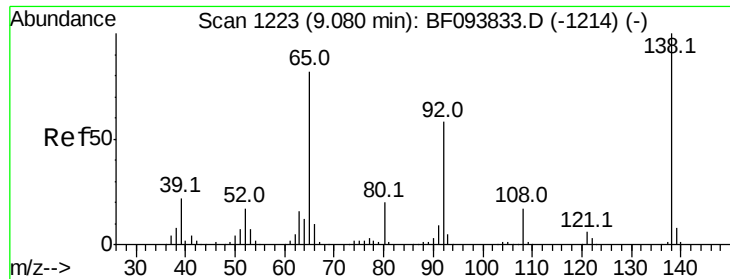
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





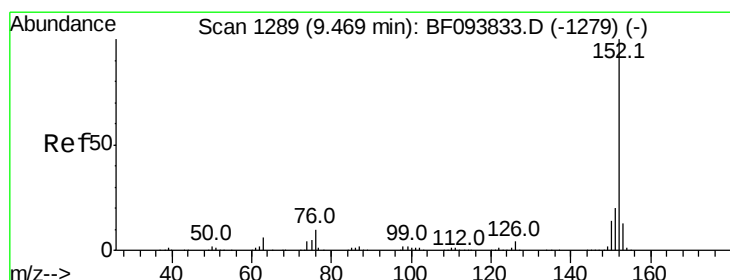
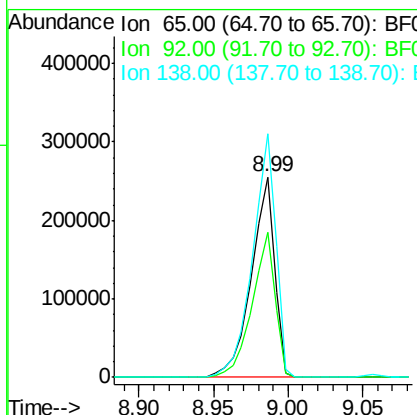
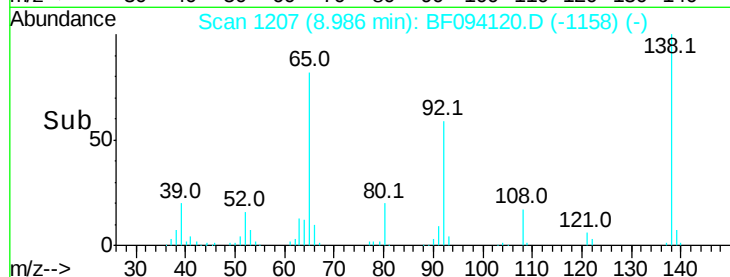
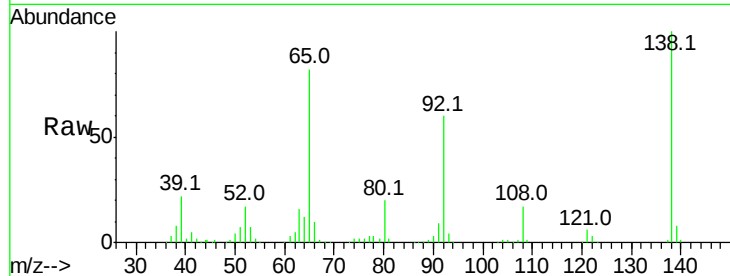
#47
 2-Nitroaniline
 Concen: 45.51 ng
 RT: 8.99 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	53.9	80.9
138	121.6	78.8	118.2

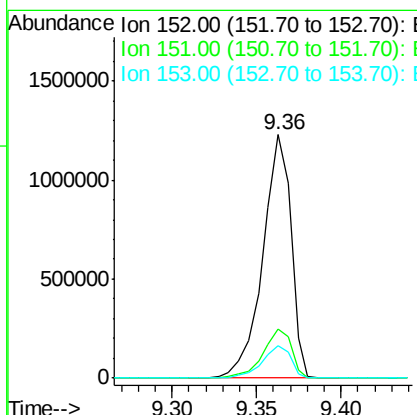
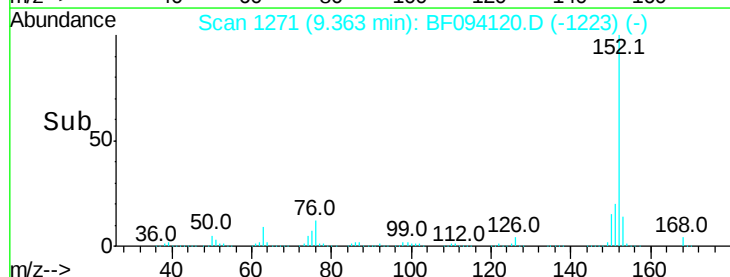
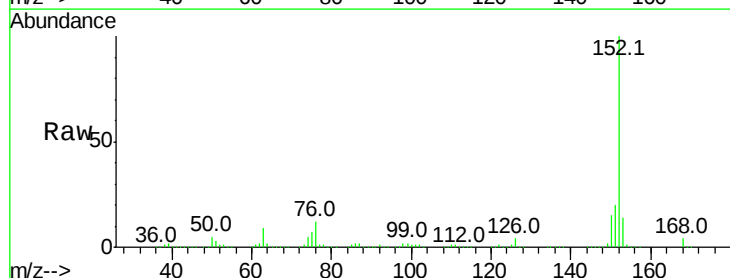
Manual Integrations
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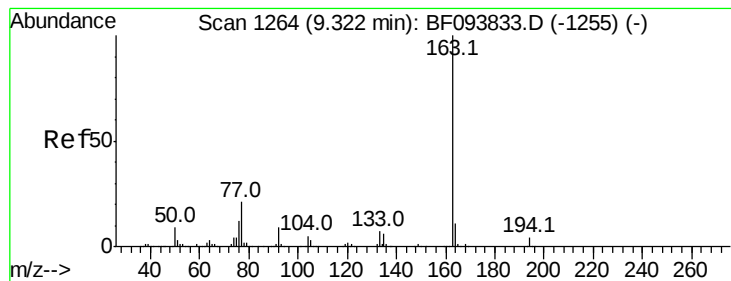
mohammad
 4/4/2017 5:33:54 PM



#48
 Acenaphthylene
 Concen: 42.09 ng
 RT: 9.36 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 47.35 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion:163 Resp: 1083160

Ion Ratio Lower Upper

163 100

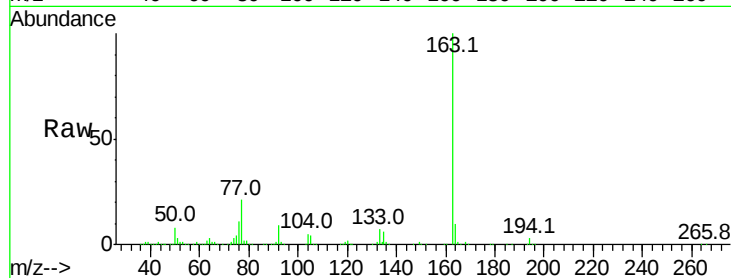
194 3.4 2.6 4.0

164 10.2 8.4 12.6

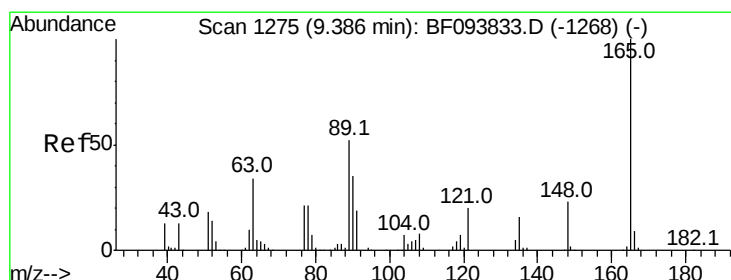
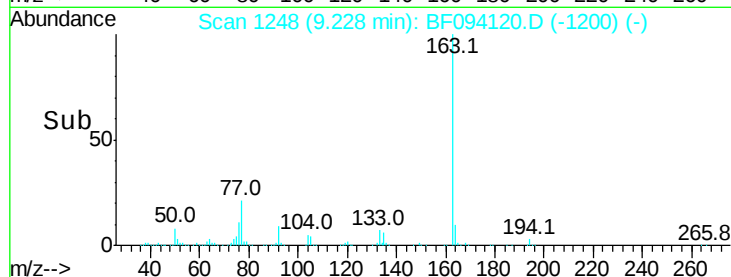
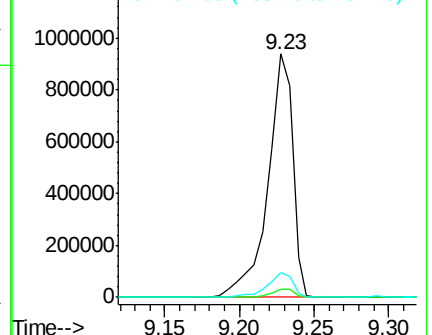
Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.72 ng

RT: 9.29 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

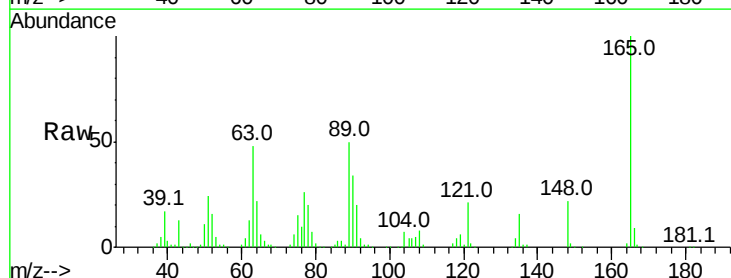
Tgt Ion:165 Resp: 250245

Ion Ratio Lower Upper

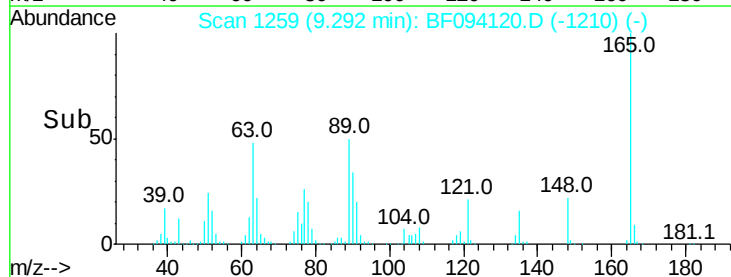
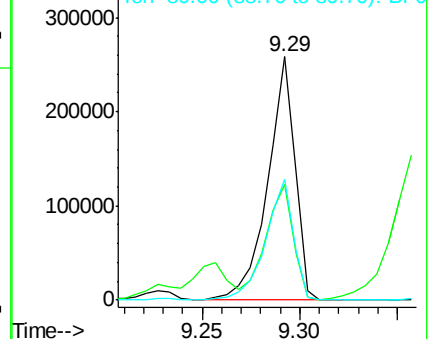
165 100

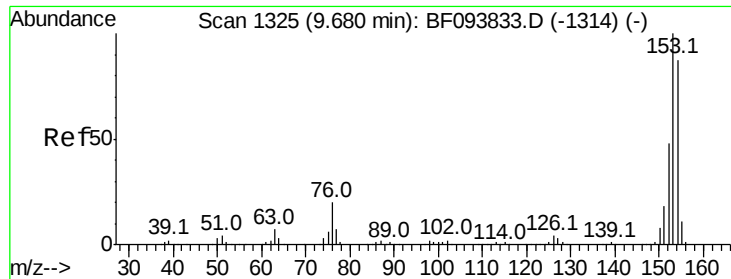
63 47.6 34.3 51.5

89 49.6 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





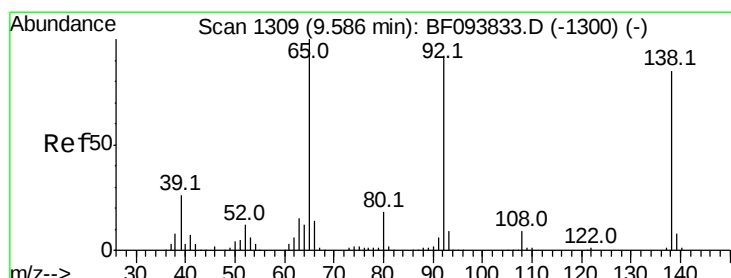
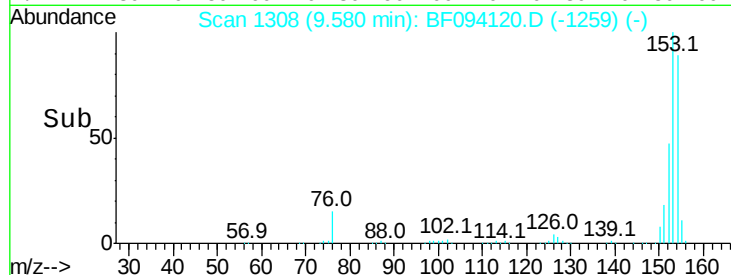
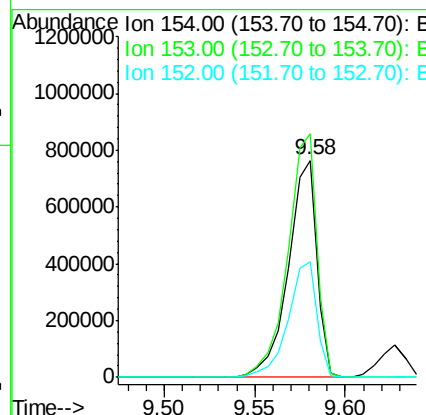
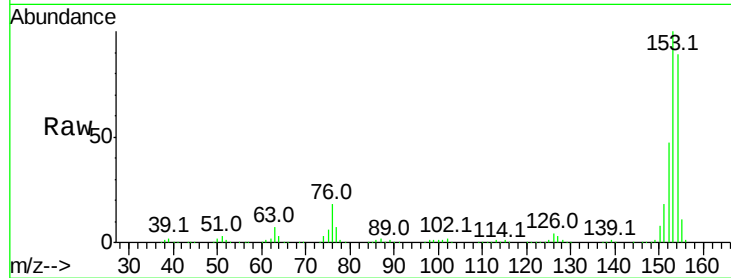
#51
Acenaphthene
Concen: 42.90 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	53.2	43.6	65.4

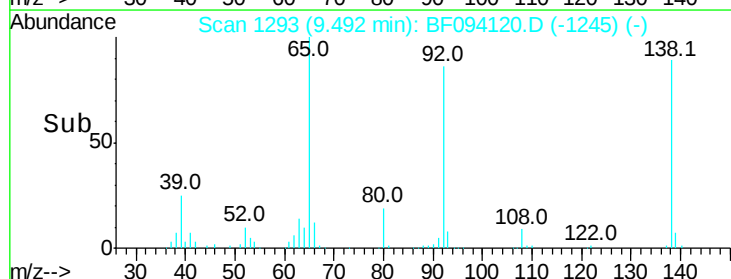
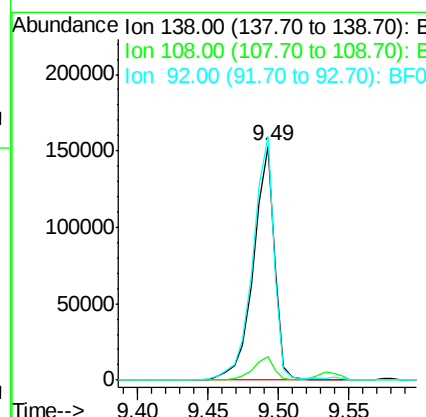
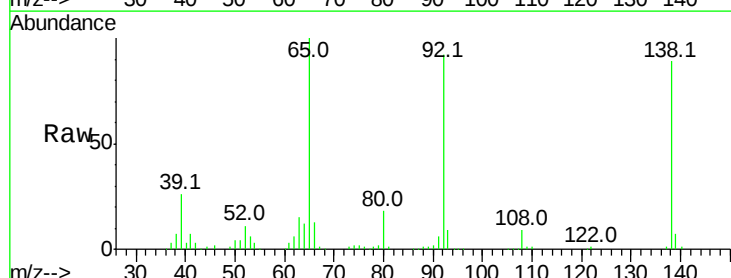
Manual Integrations
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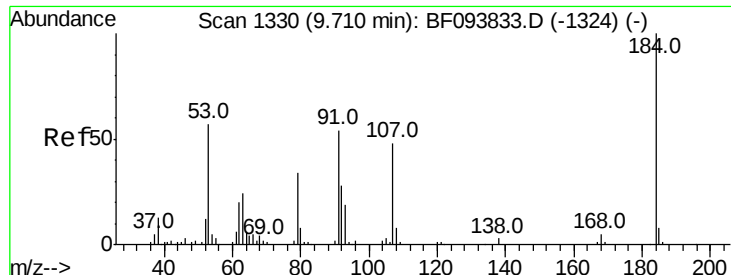
mohammad
4/4/2017 5:33:54 PM



#52
3-Nitroaniline
Concen: 26.14 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	104.3	93.8	140.6





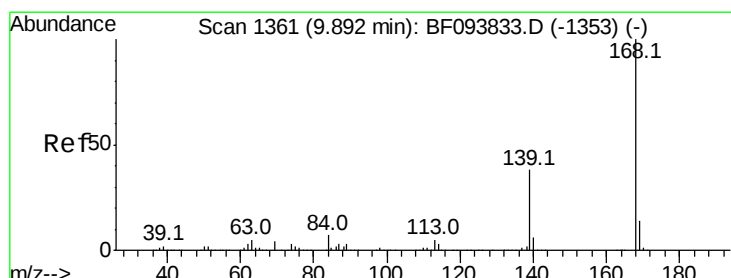
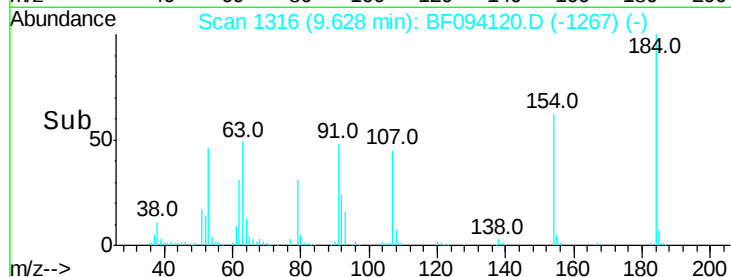
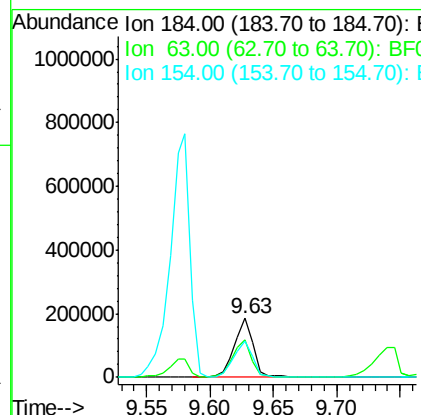
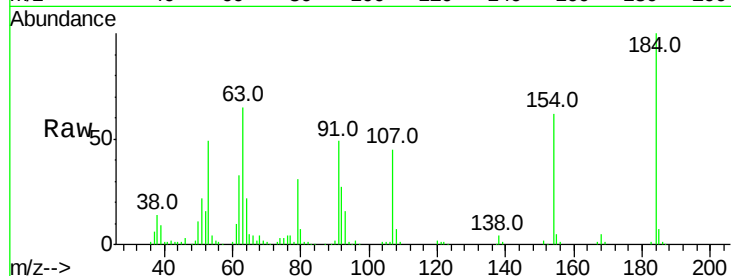
#53
 2,4-Dinitrophenol
 Concen: 69.86 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampled :
 PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	194268		
63	64.5	62.7	94.1	
154	62.3	81.1	121.7#	

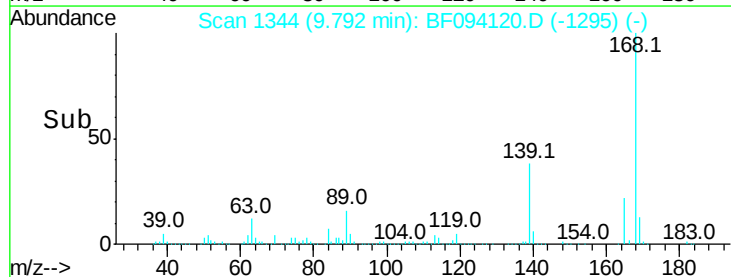
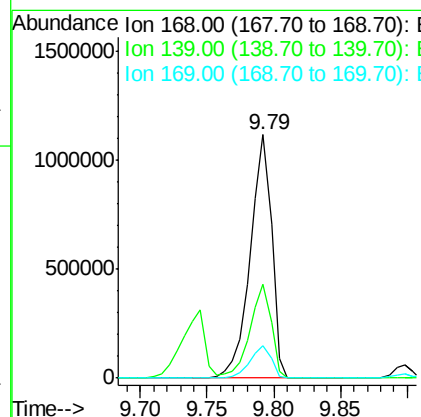
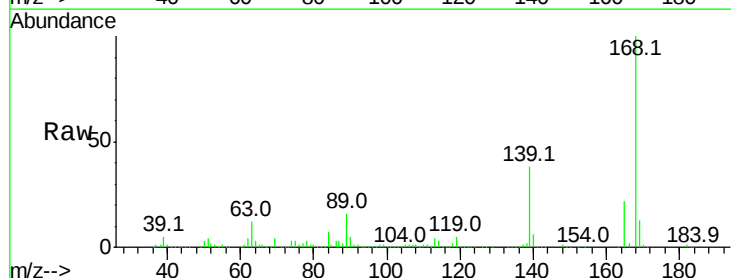
Manual Integrations
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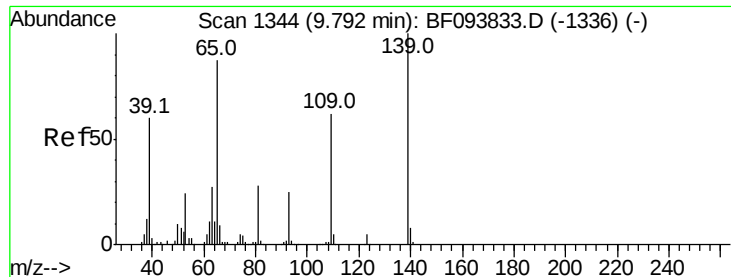
mohammad
 4/4/2017 5:33:54 PM



#54
 Dibenzofuran
 Concen: 45.72 ng
 RT: 9.79 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1226276		
139	38.3	30.6	45.8	
169	13.5	10.8	16.2	





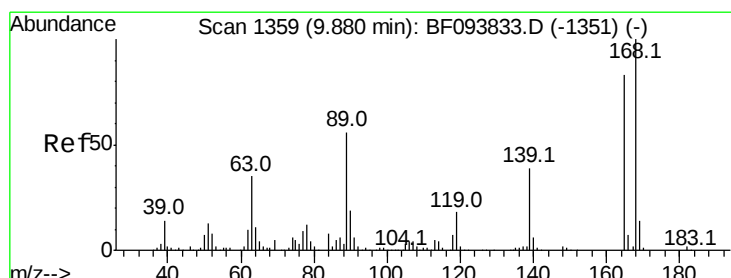
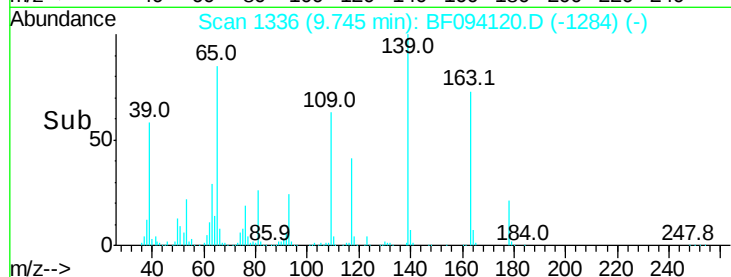
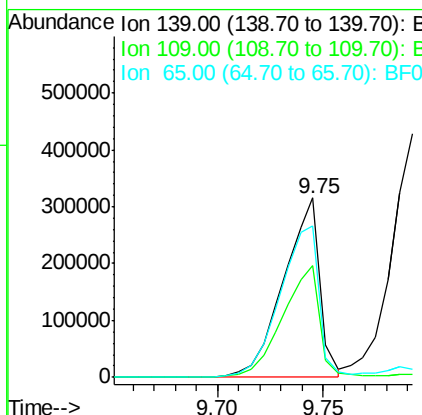
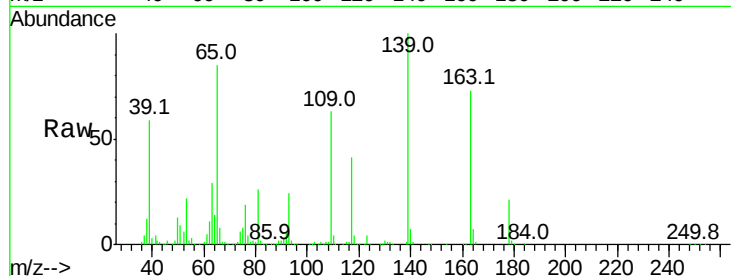
#55
4-Nitrophenol
Concen: 78.01 ng
RT: 9.75 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.7	34.1	74.1	
65	84.8	31.4	71.4	

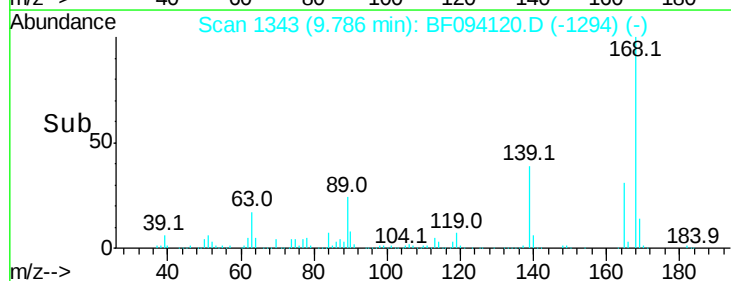
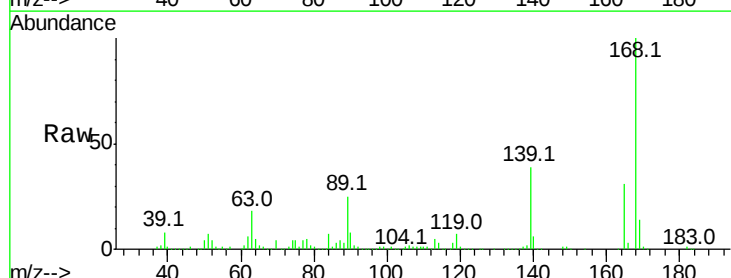
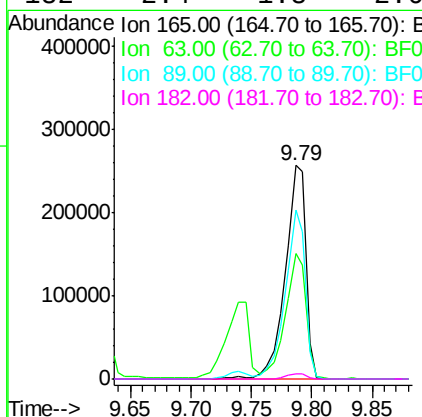
Manual Integrations
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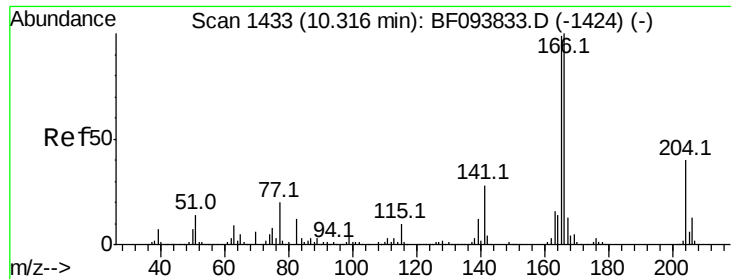
mohammad
4/4/2017 5:33:54 PM



#56
2,4-Dinitrotoluene
Concen: 45.74 ng
RT: 9.79 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.8	25.4	38.0	
89	79.0	46.4	69.6	
182	2.4	1.8	2.6	





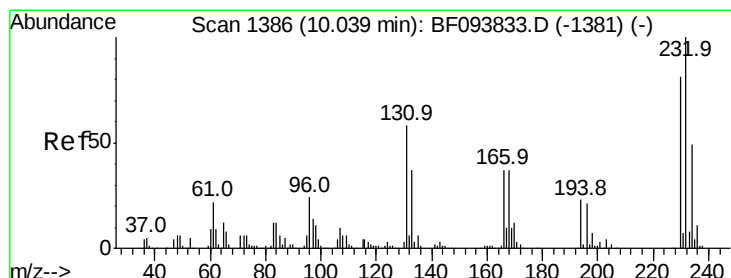
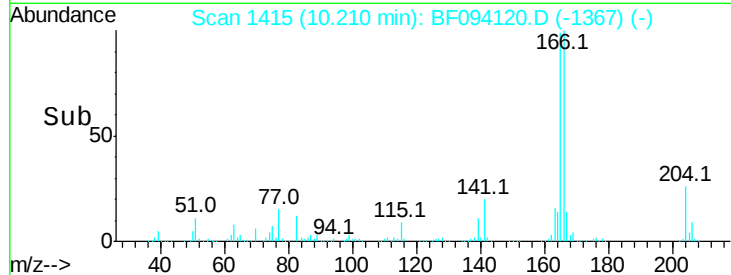
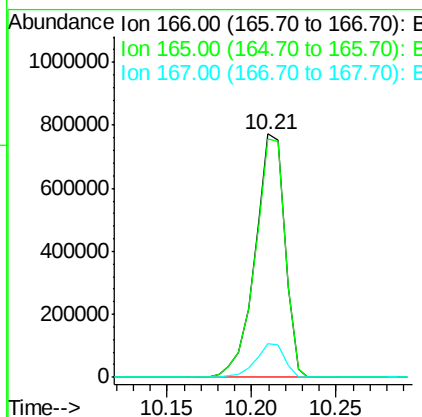
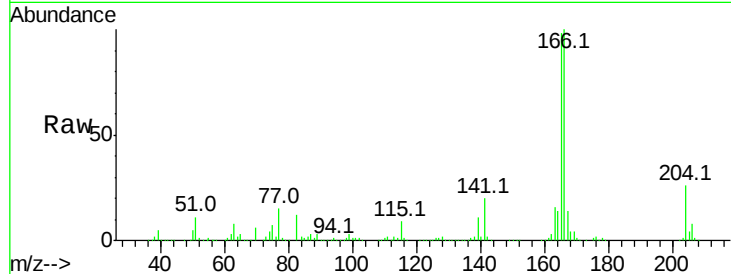
#57
 Fluorene
 Concen: 42.45 ng
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampled :
 PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	944331		
165	98.2	78.8	118.2	
167	13.7	10.6	16.0	

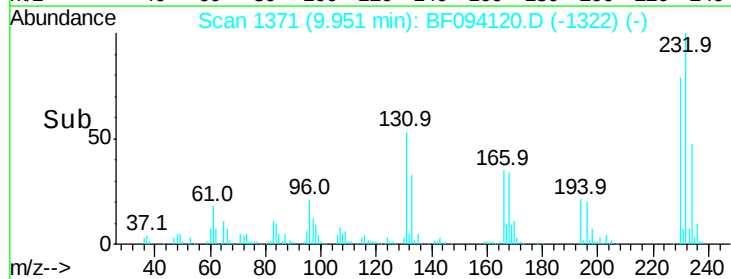
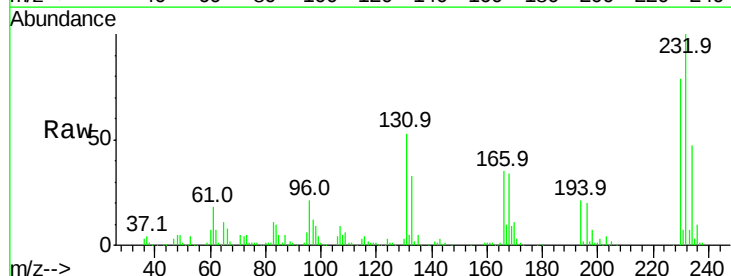
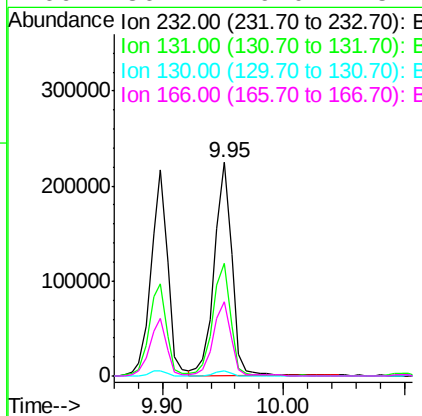
Manual Integrations
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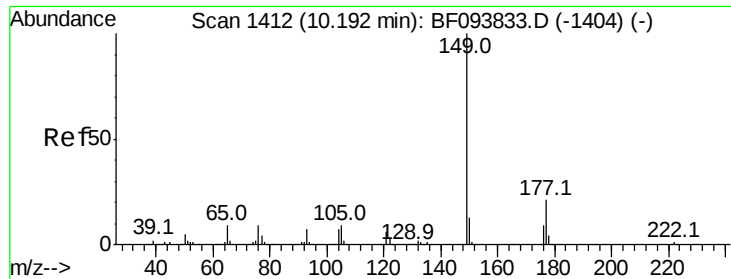
mohammad
 4/4/2017 5:33:54 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.20 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	222867		
131	54.3	44.8	67.2	
130	2.6	2.3	3.5	
166	36.4	29.0	43.4	





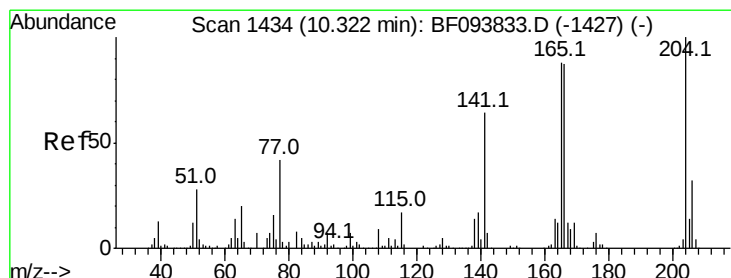
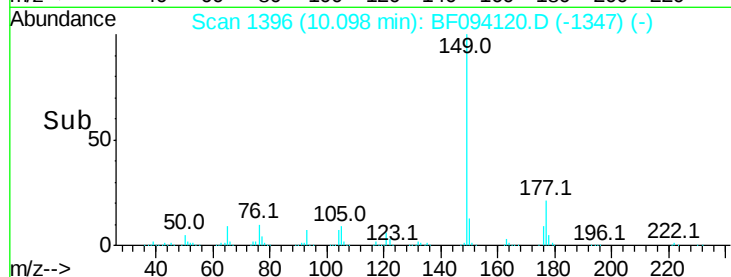
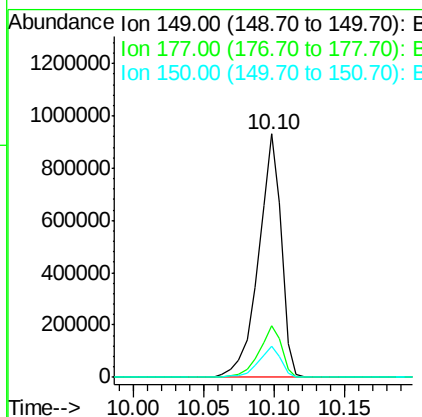
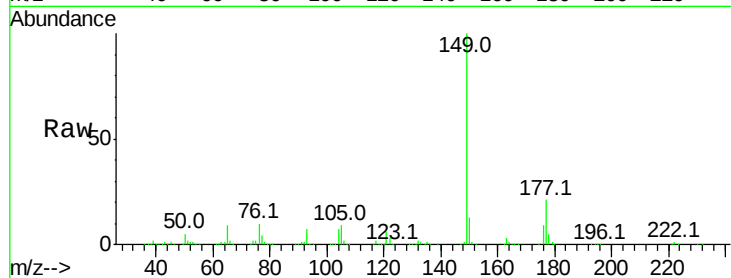
#59
Diethylphthalate
Concen: 46.83 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.8	10.2	15.2

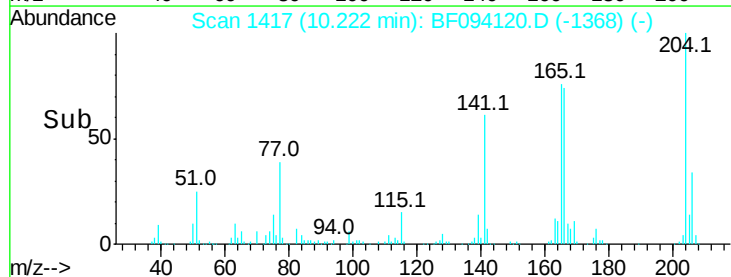
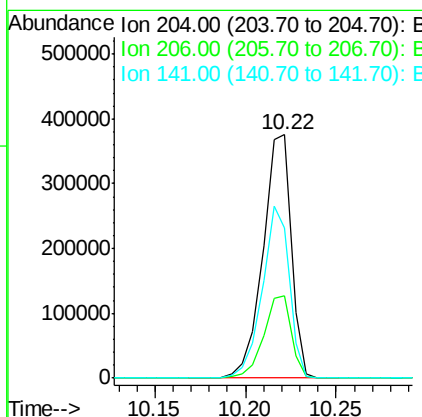
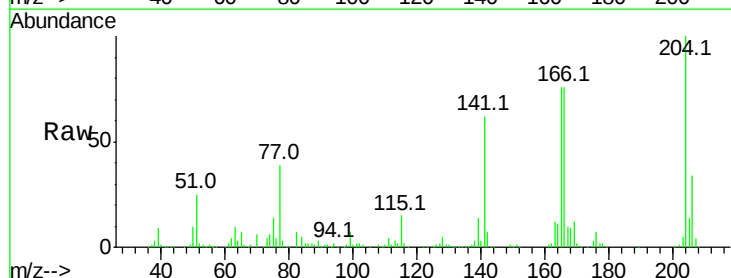
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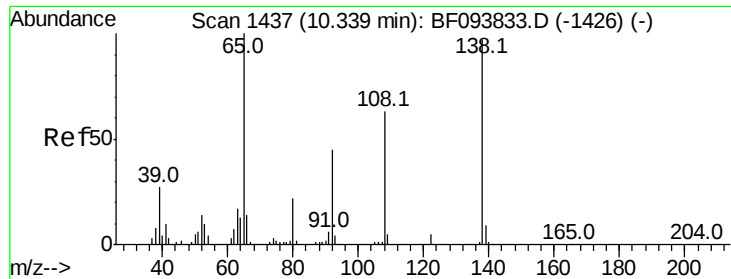
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	61.6	60.8	91.2





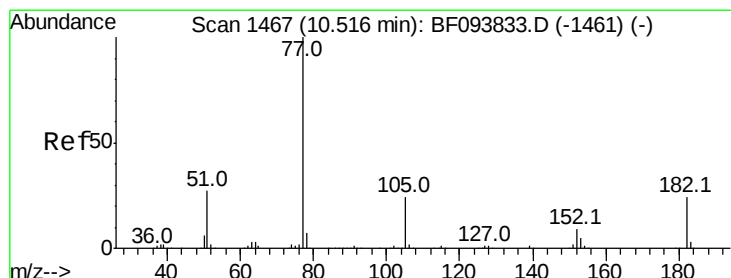
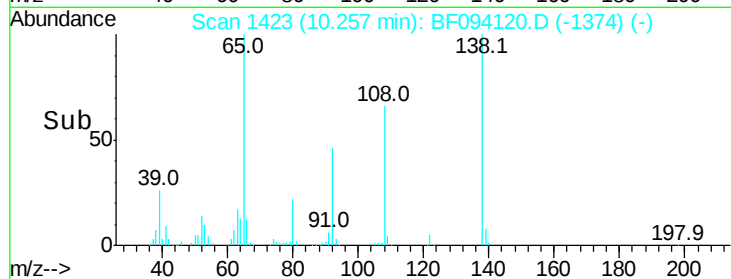
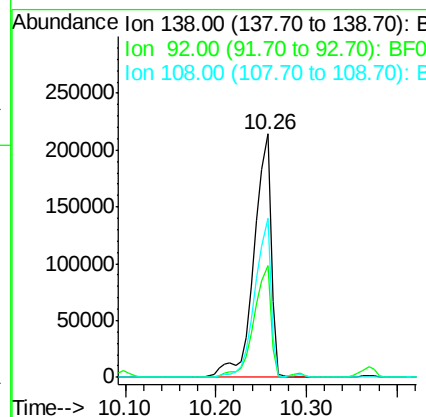
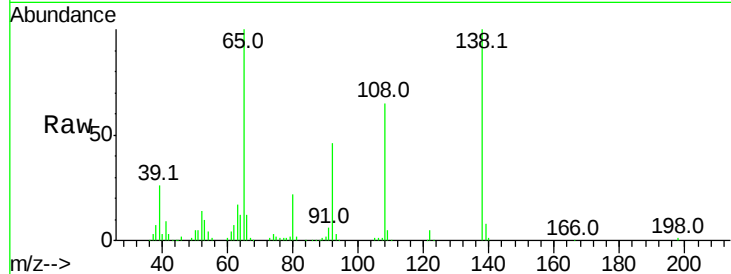
#61
4-Nitroaniline
Concen: 47.19 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	21.8	61.8
108	65.5	42.3	82.3

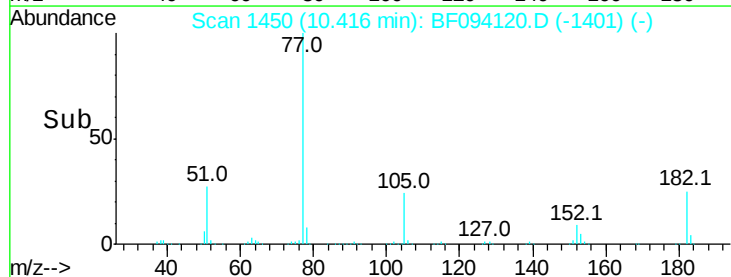
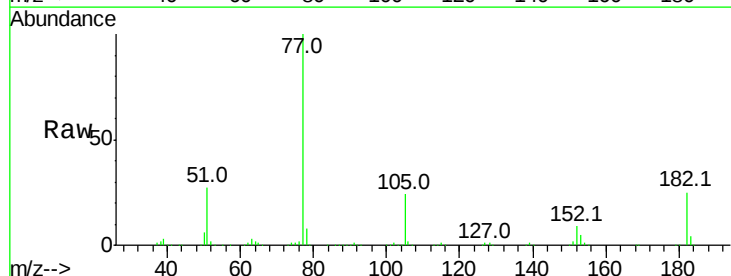
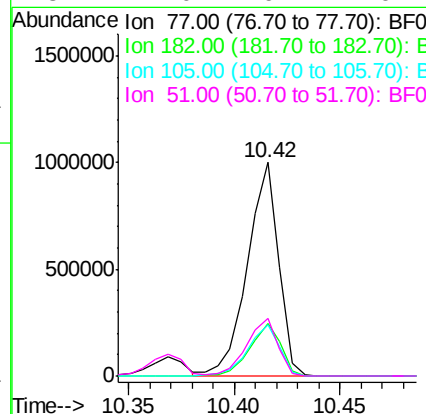
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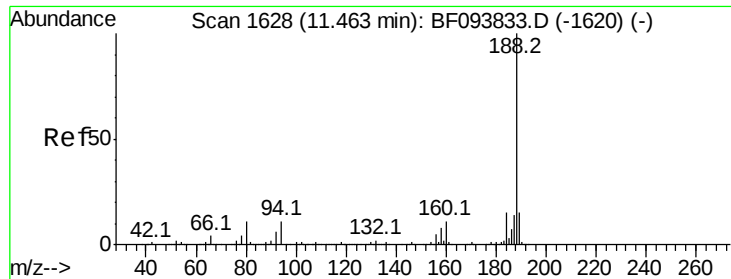
mohammad
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#62
Azobenzene
Concen: 48.01 ng
RT: 10.42 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	0.1	40.1
105	24.0	3.6	43.6
51	27.0	9.4	49.4





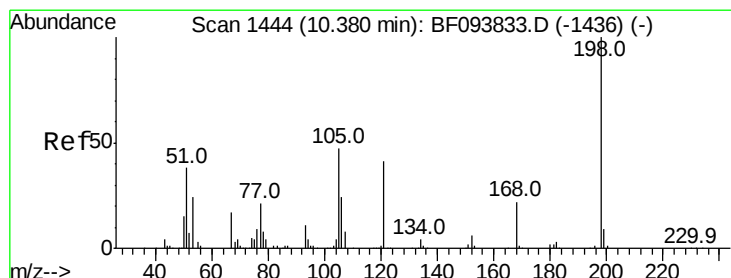
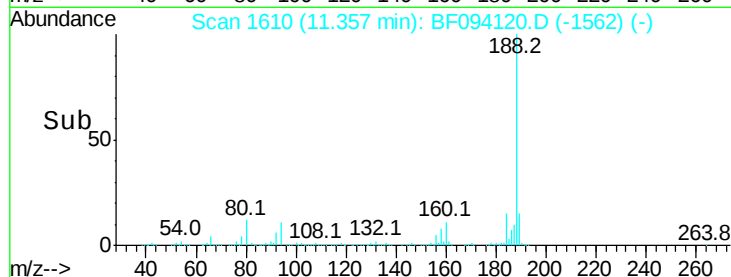
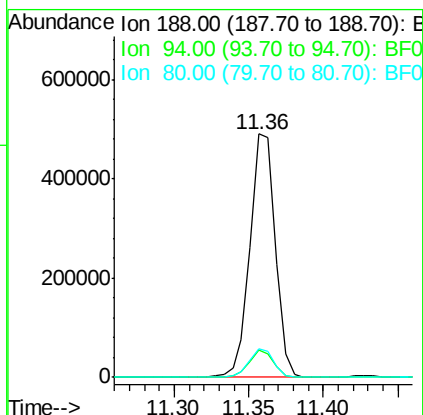
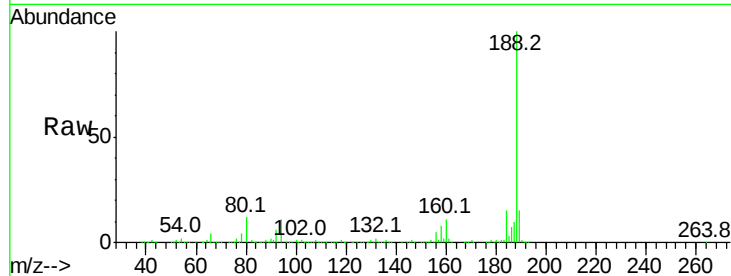
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	9.4	14.2
80	11.9	10.2	15.2

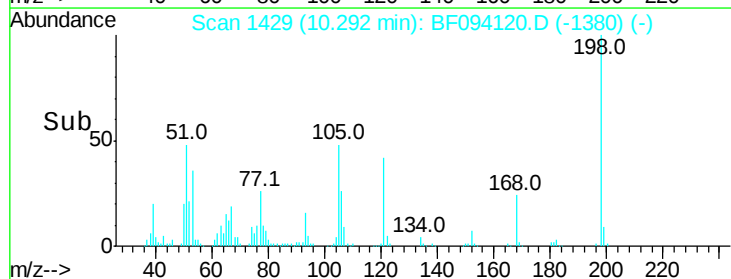
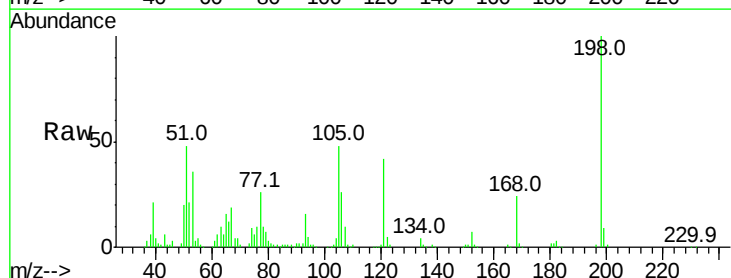
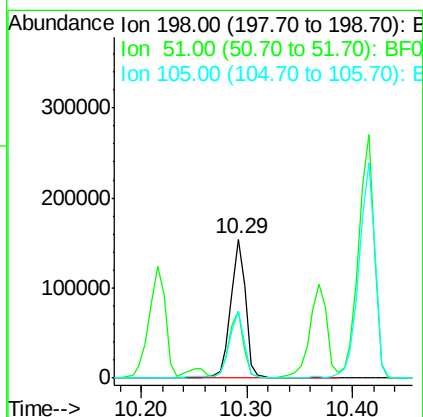
Manual Integrations
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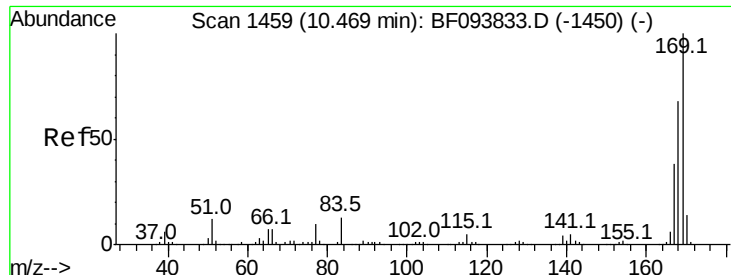
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.73 ng
 RT: 10.29 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.0	53.2	93.2#
105	48.3	45.8	85.8





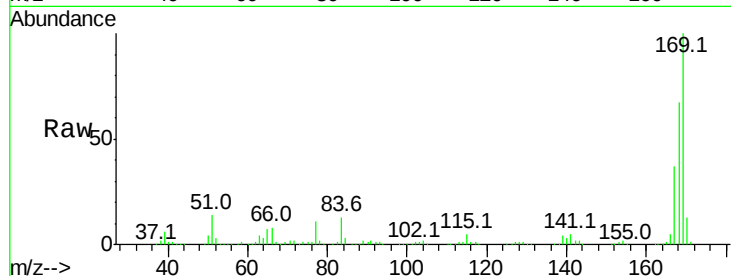
#65
 n-Nitrosodiphenylamine
 Concen: 45.28 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	896531		
168	67.3		53.2	79.8
167	37.4		29.5	44.3

Manual Integrations
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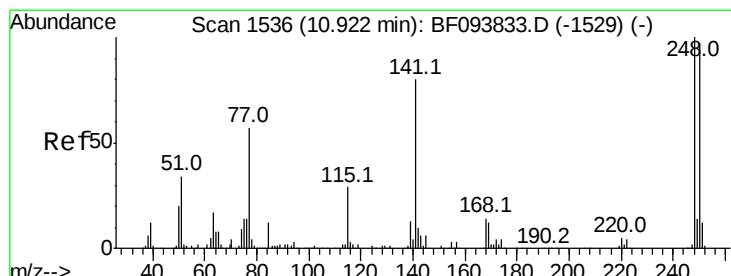
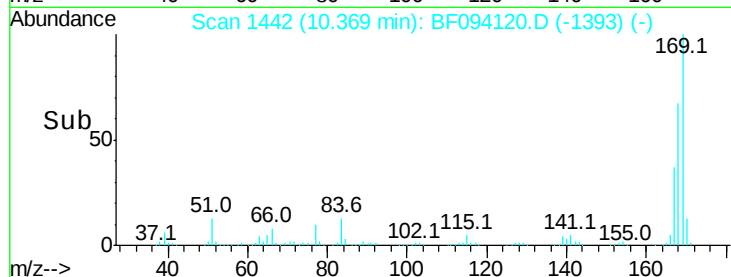
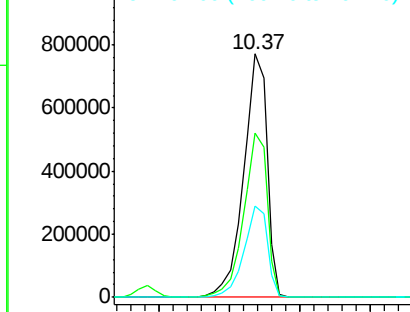


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 46.31 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

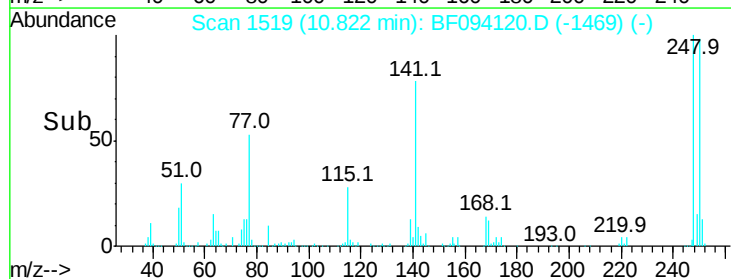
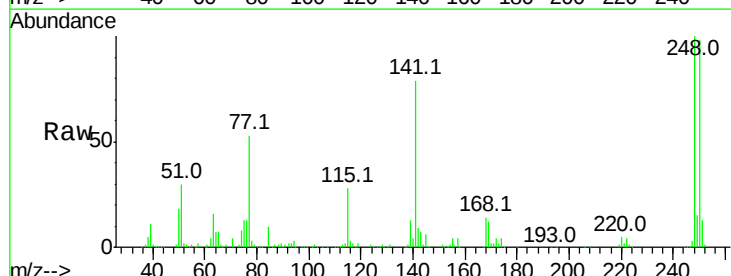
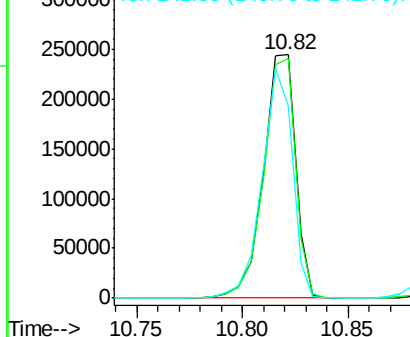
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	260751		
250	98.3		76.8	115.2
141	79.2		68.6	103.0

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





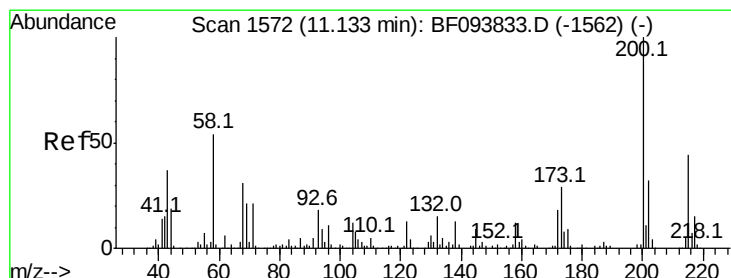
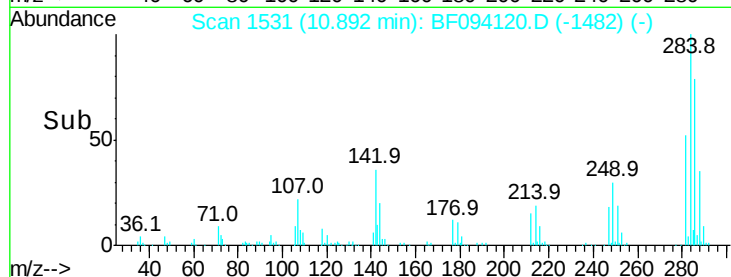
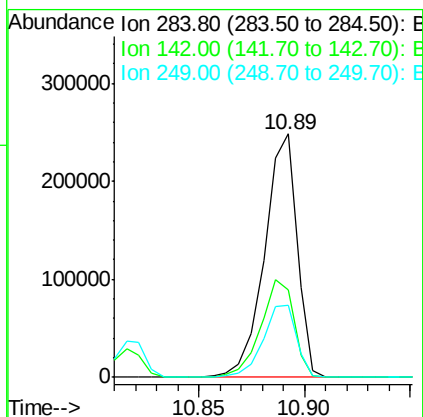
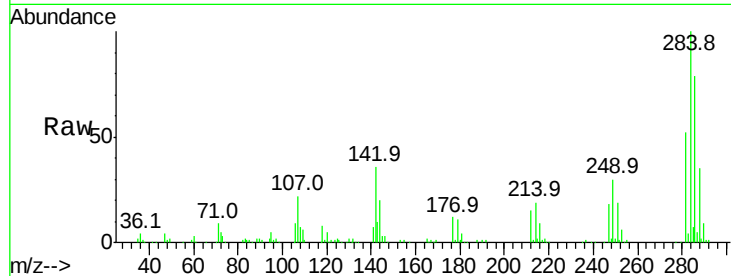
#67
Hexachlorobenzene
Concen: 46.79 ng
RT: 10.89 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	266695		
142	35.7	22.8	34.2#	
249	29.7	24.0	36.0	

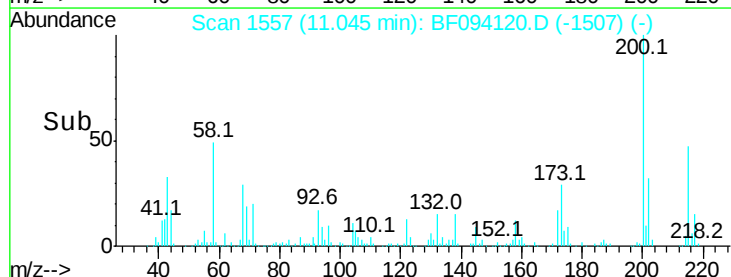
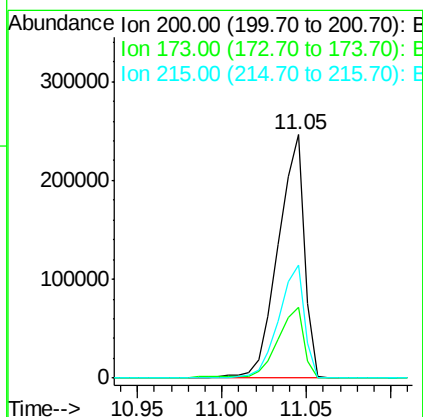
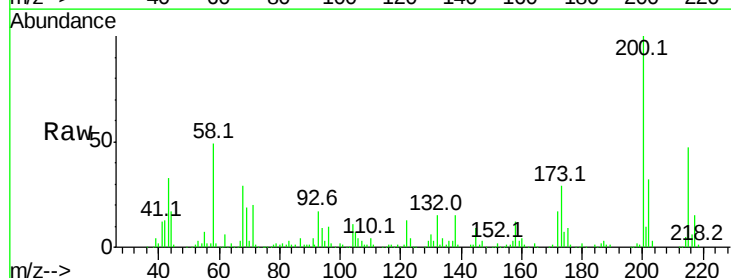
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#68
Atrazine
Concen: 45.08 ng
RT: 11.05 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	267364		
173	29.4	6.3	46.3	
215	46.6	27.2	67.2	





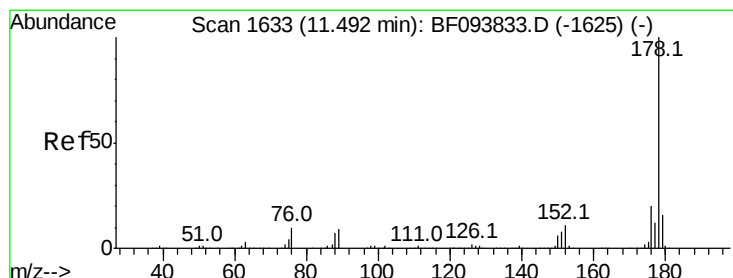
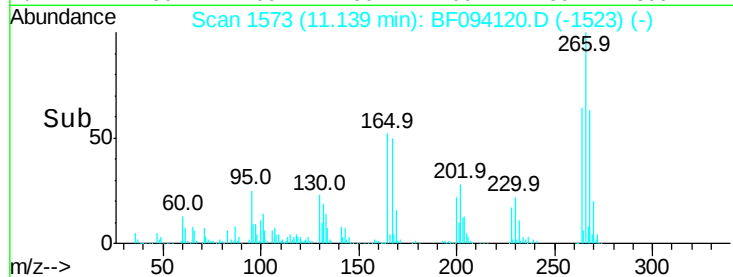
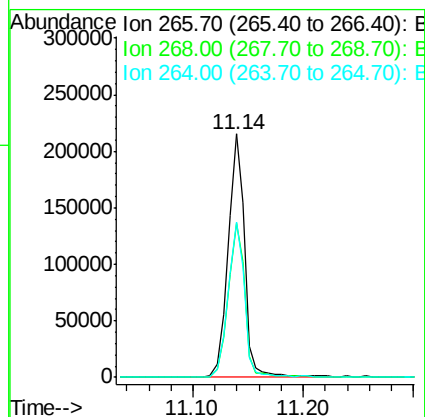
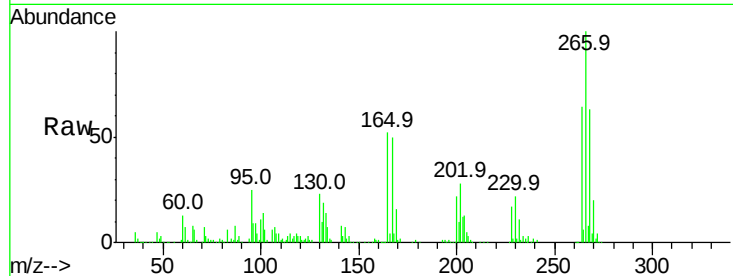
#69
 Pentachlorophenol
 Concen: 64.28 ng
 RT: 11.14 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	228059		
268	63.4	51.1	76.7	
264	63.9	51.7	77.5	

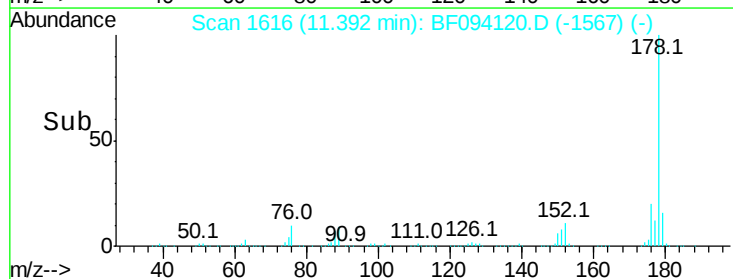
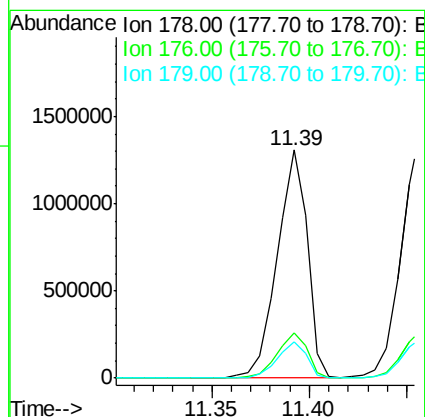
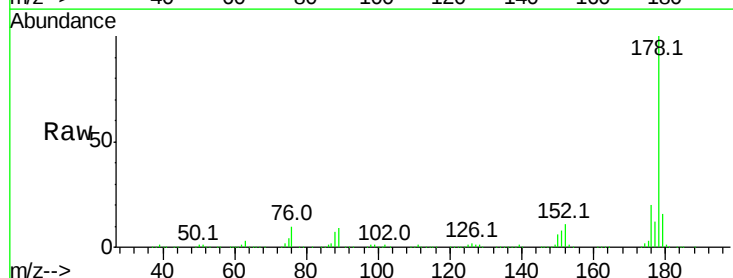
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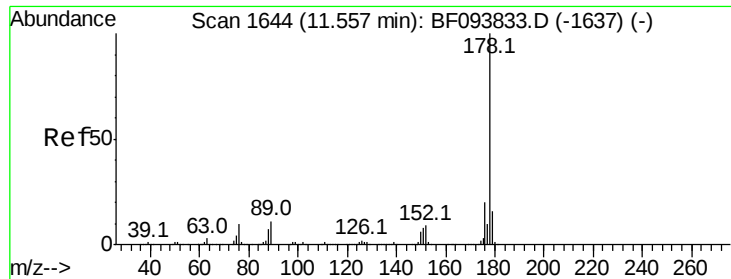
mohammad
 4/4/2017 5:33:54 PM



#70
 Phenanthrene
 Concen: 43.89 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1397962		
176	19.7	16.2	24.4	
179	16.0	12.6	19.0	





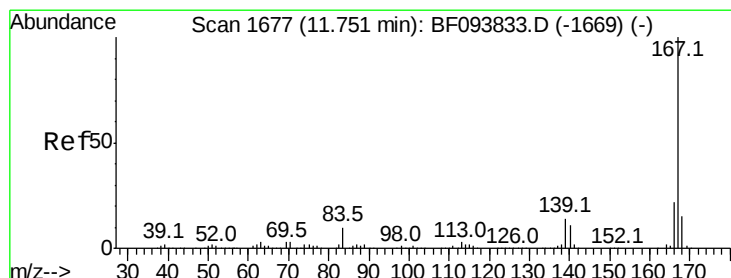
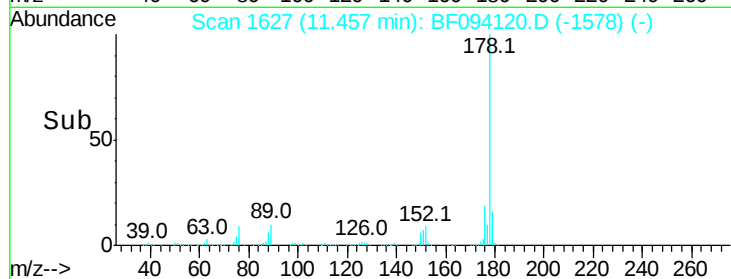
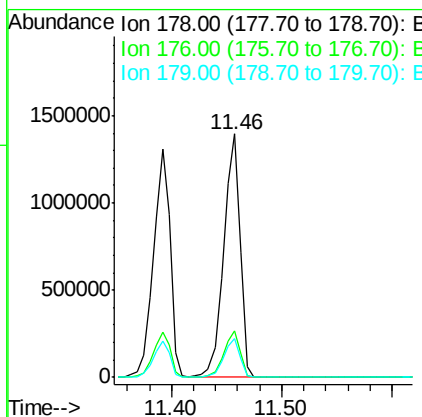
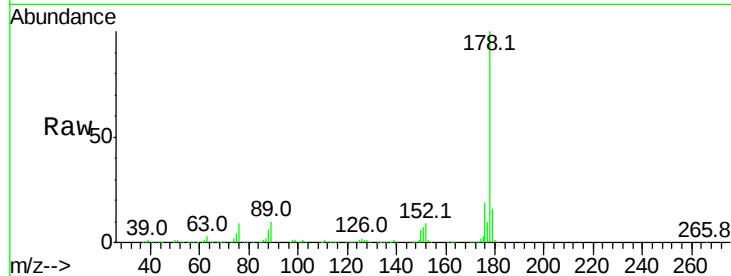
#71
 Anthracene
 Concen: 44.26 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion:178 Resp: 1451481
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 12.7 19.1

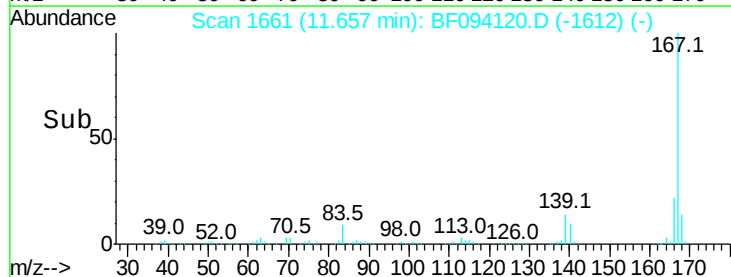
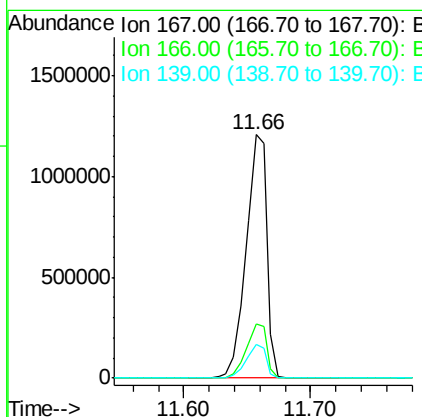
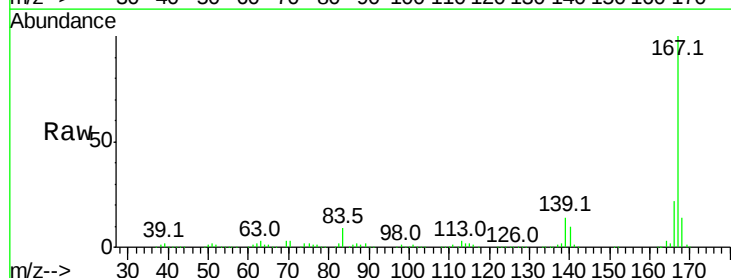
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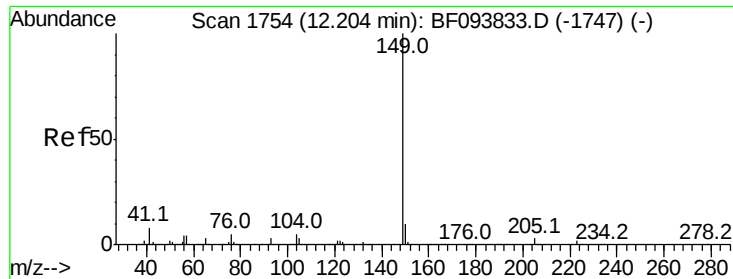
mohammad
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#72
 Carbazole
 Concen: 40.78 ng
 RT: 11.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:167 Resp: 1371188
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.48 ng

RT: 12.11 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

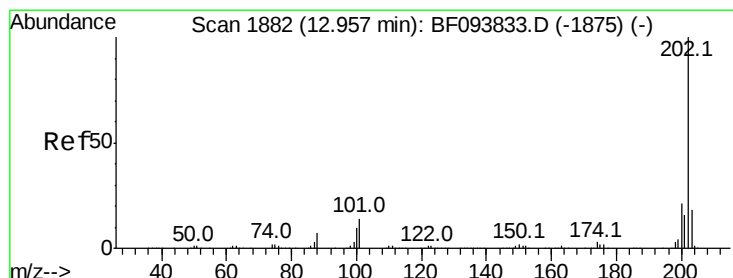
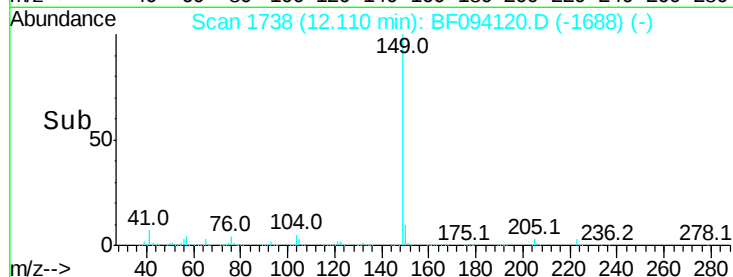
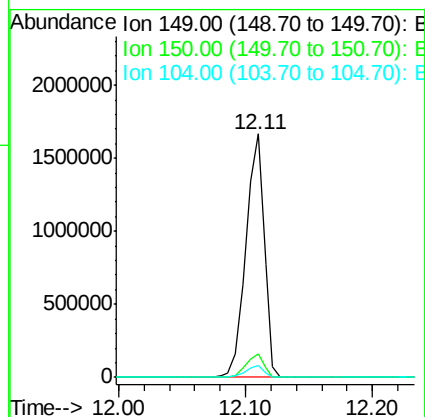
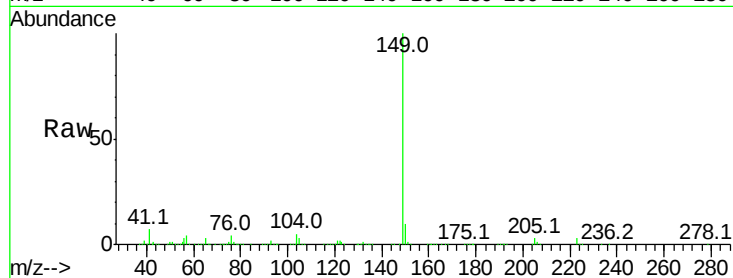
ClientSampleId :

PB97987BS

Tot Ion:	149	Resp:	1660491
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 44.98 ng

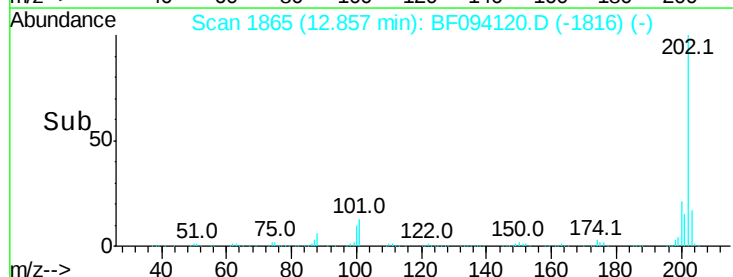
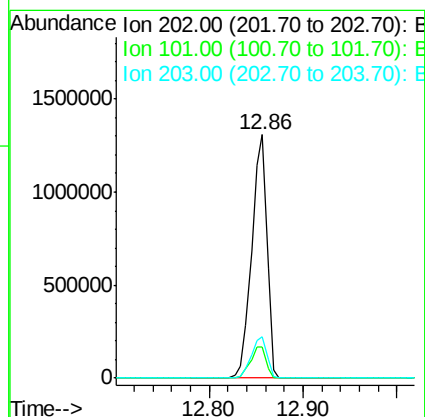
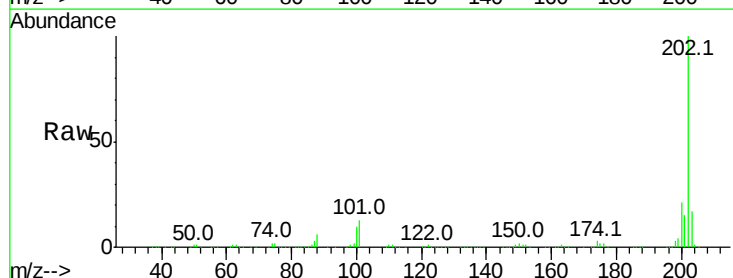
RT: 12.86 min Scan# 1865

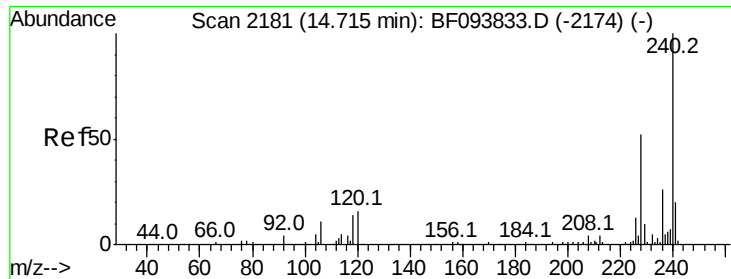
Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:	202	Resp:	1467028
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion:240 Resp: 450289

Ion Ratio Lower Upper

240 100

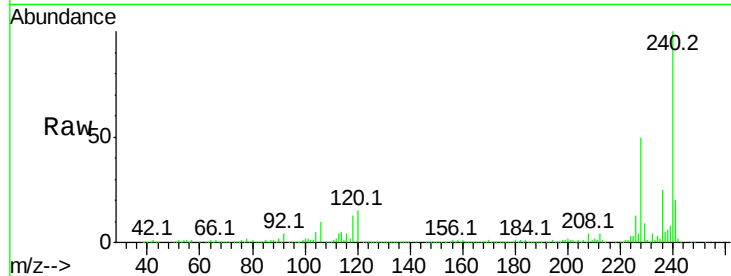
120 14.7 5.8 8.8#

236 24.6 20.5 30.7

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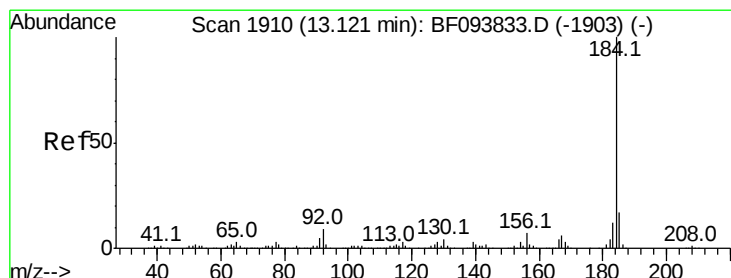
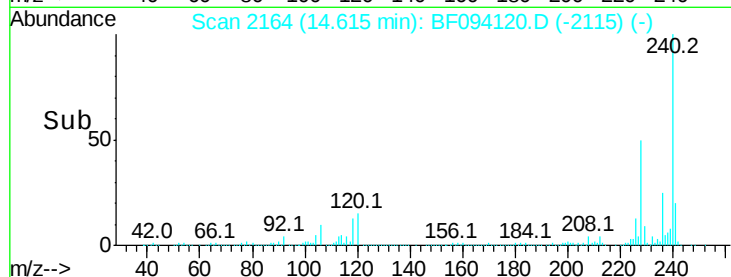
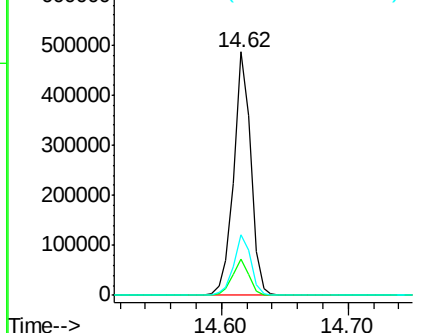
4/4/2017 5:33:54 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.77 ng

RT: 13.03 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

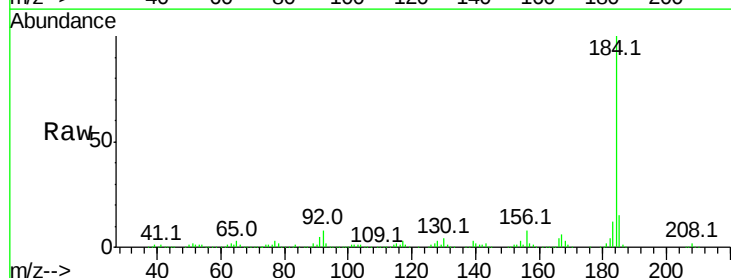
Tgt Ion:184 Resp: 869176

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

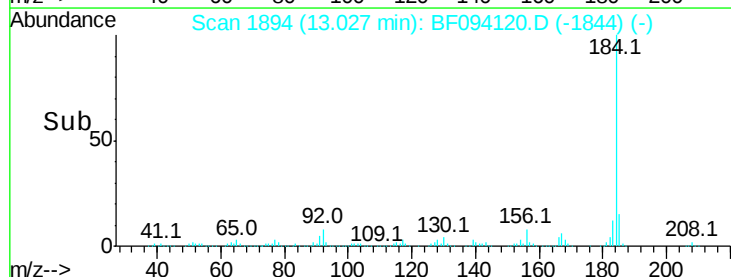
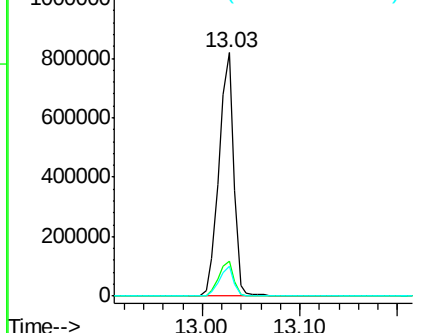
183 12.4 9.8 14.6

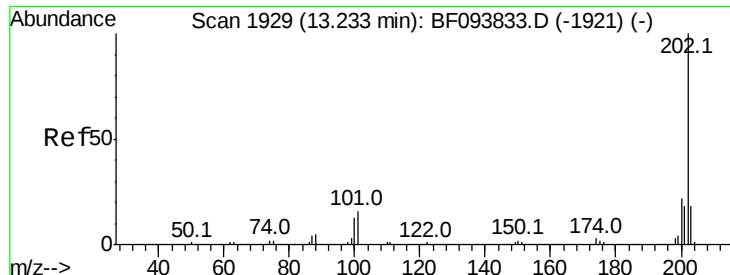


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





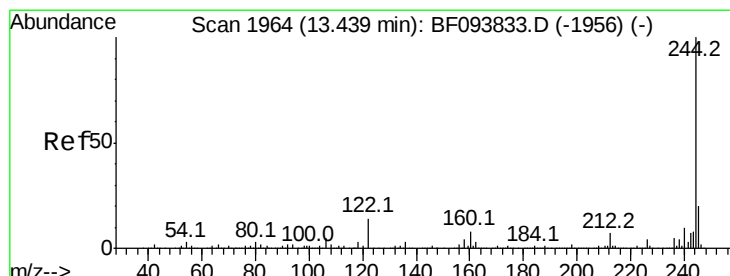
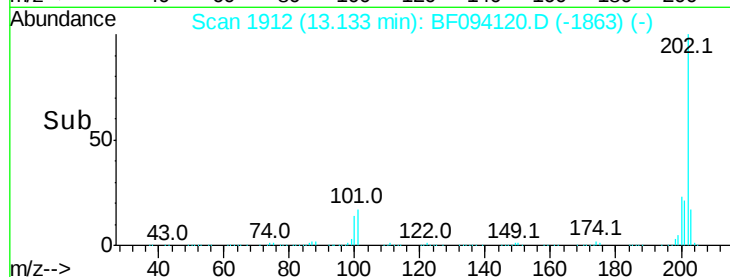
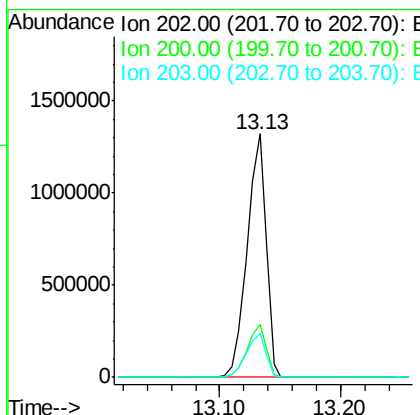
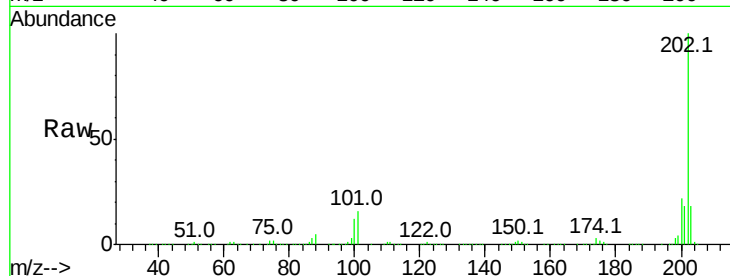
#77
Pvrene
Concen: 44.84 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.9	14.4	21.6

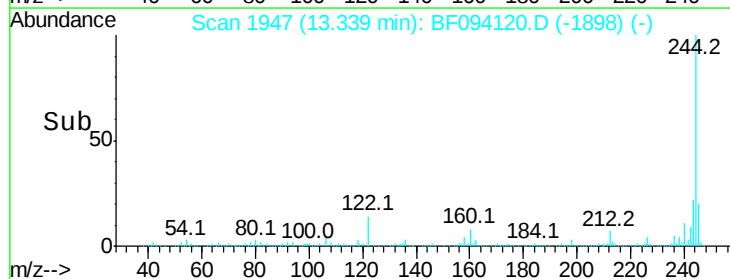
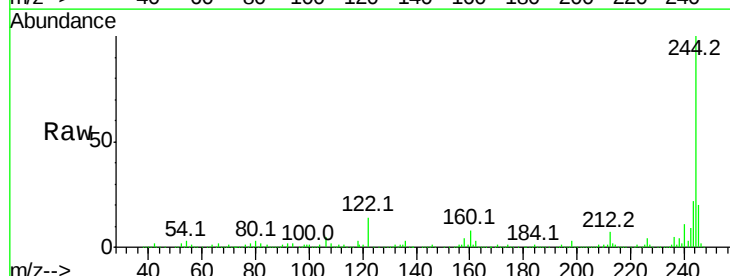
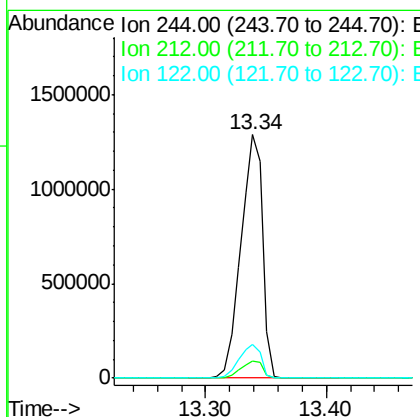
Manual Integrations
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#78
Terphenyl-d14
Concen: 80.17 ng
RT: 13.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5





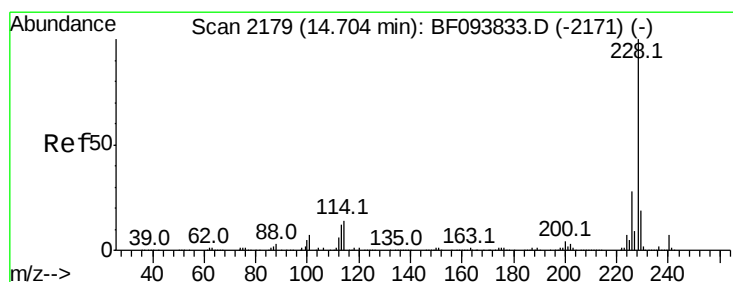
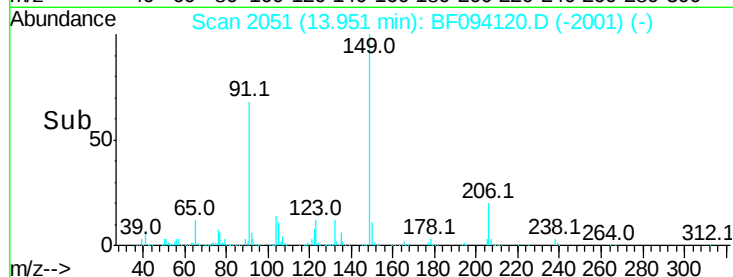
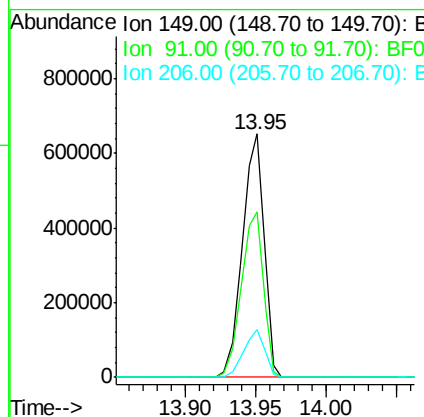
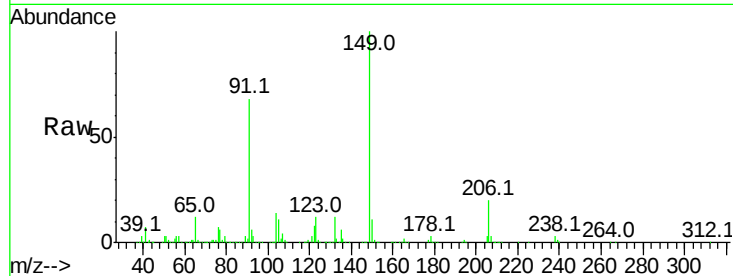
#79
Butylbenzylphthalate
Concen: 49.98 ng
RT: 13.95 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	695891		
91	68.0	45.0	67.4#	
206	19.6	17.0	25.6	

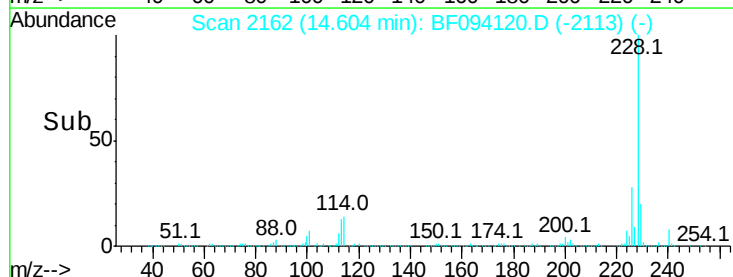
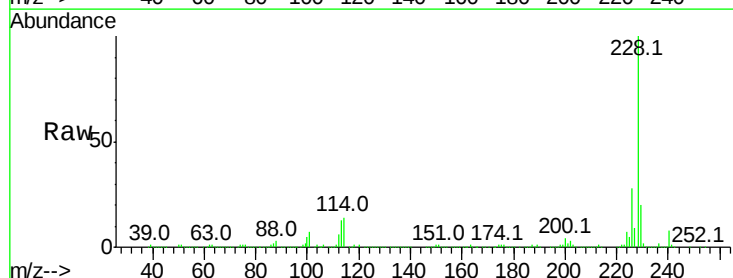
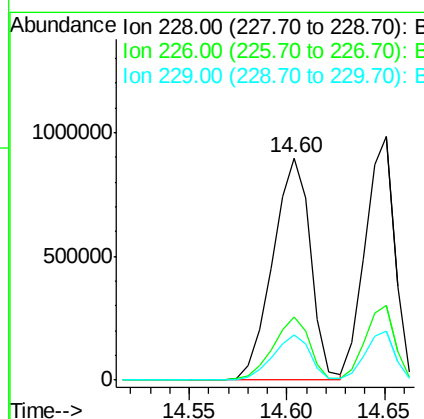
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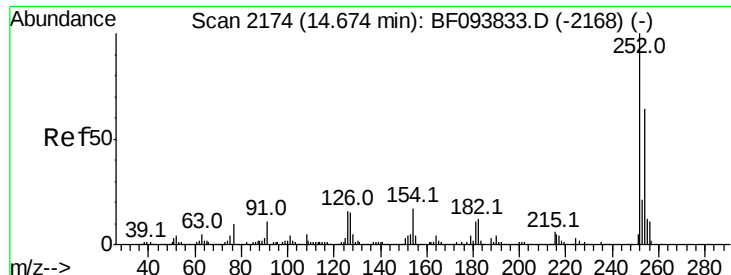
mohammad
4/4/2017 5:33:54 PM



#80
Benzo(a)anthracene
Concen: 45.74 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1200988		
226	28.3	22.6	33.8	
229	20.3	16.3	24.5	





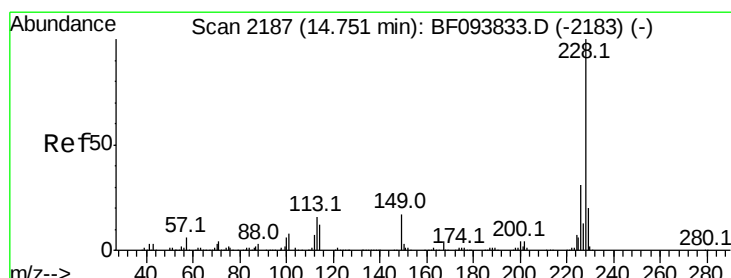
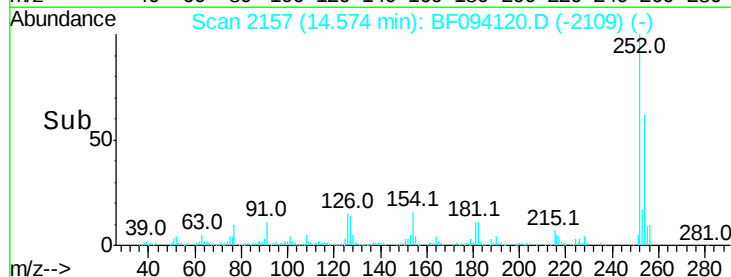
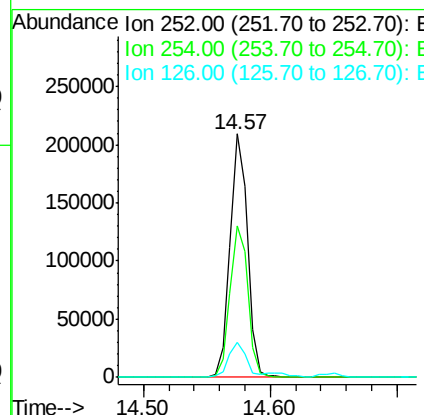
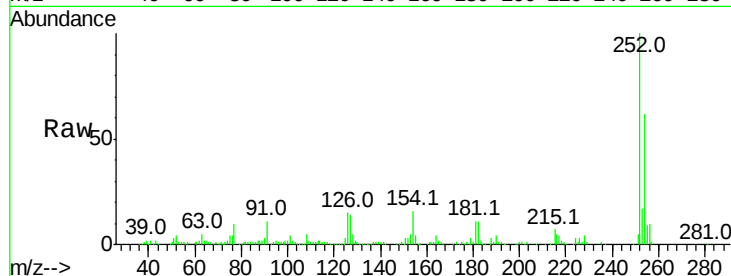
#81
 3,3'-Dichlorobenzidine
 Concen: 21.32 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleID :
 PB97987BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	200080		
254	62.4	51.5	77.3	
126	14.5	15.8	23.8	

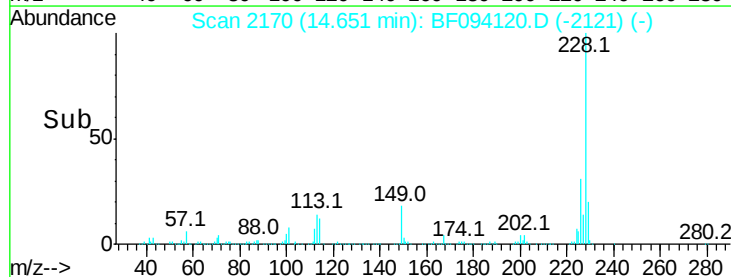
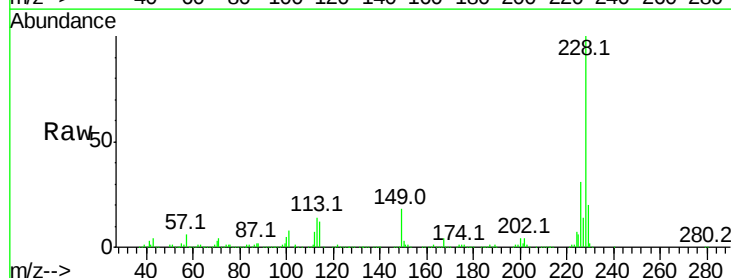
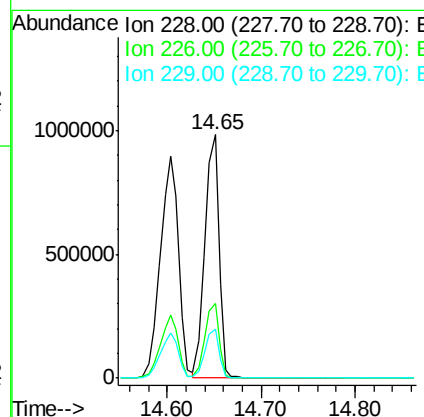
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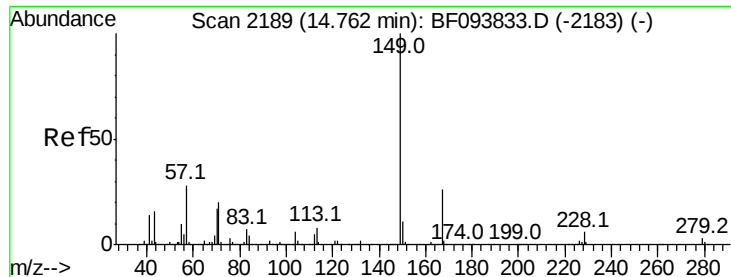
mohammad
 4/4/2017 5:33:54 PM



#82
 Chrysene
 Concen: 42.61 ng
 RT: 14.65 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1038226		
226	30.7	24.9	37.3	
229	20.1	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.75 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion:149 Resp: 945016

Ion Ratio Lower Upper

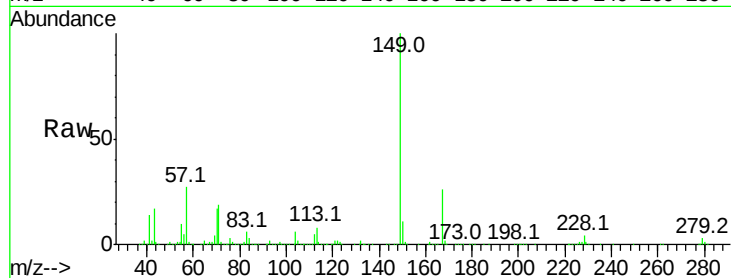
149 100

167 26.1 21.0 31.4

279 2.9 1.9 2.9#

Manual Integrations
APPROVED

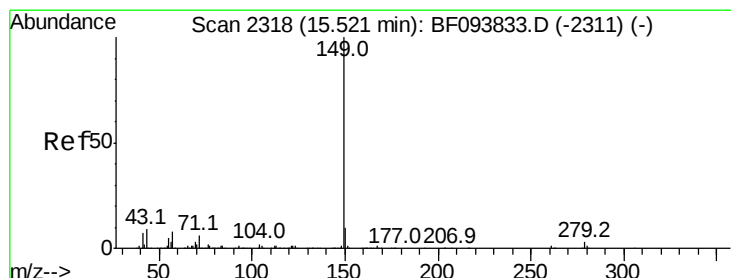
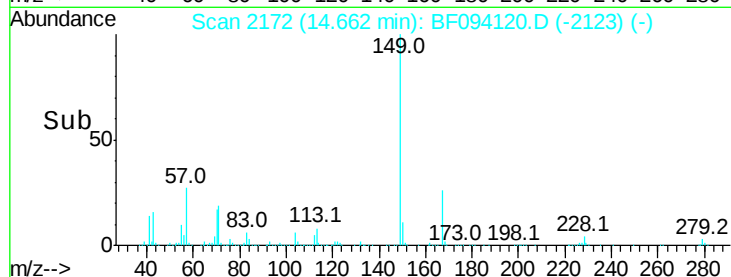
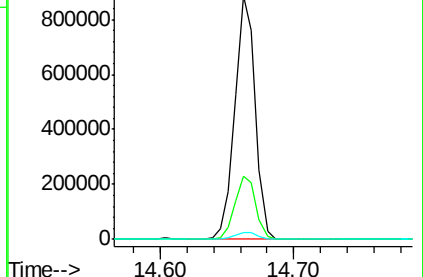
mohammad
4/4/2017 5:33:54 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.57 ng

RT: 15.42 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:149 Resp: 1509699

Ion Ratio Lower Upper

149 100

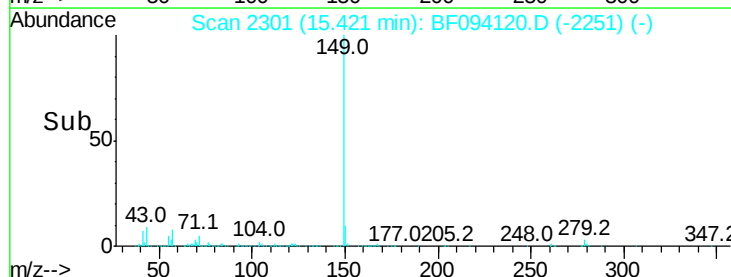
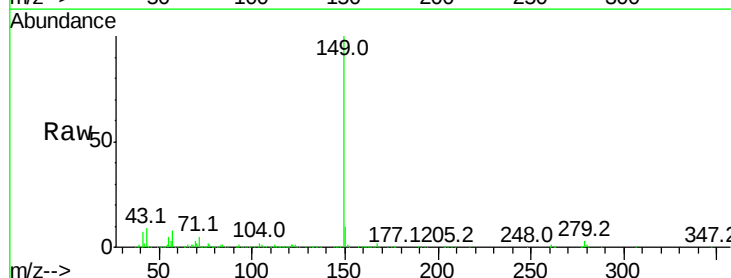
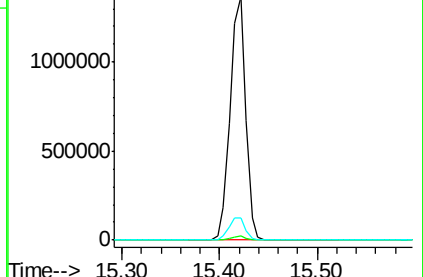
167 1.5 1.2 1.8

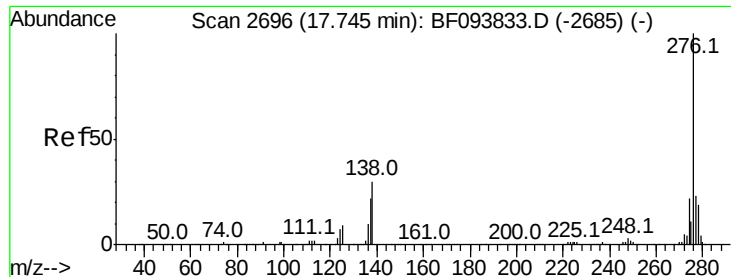
43 9.5 8.5 12.7

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





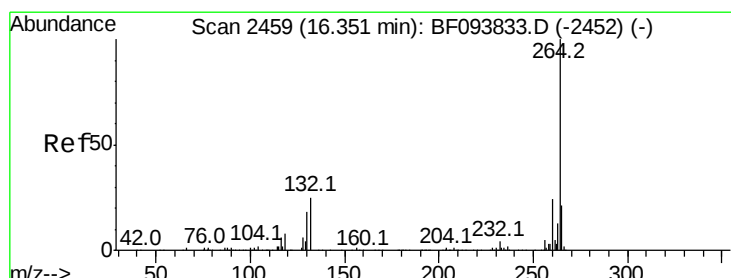
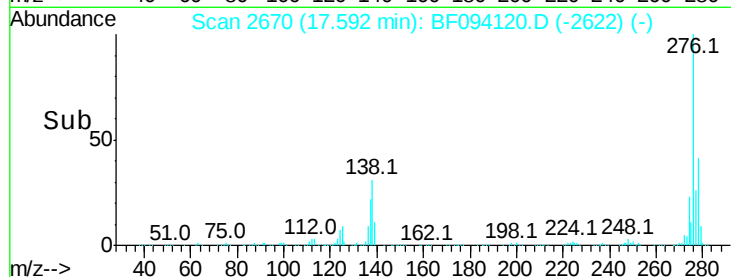
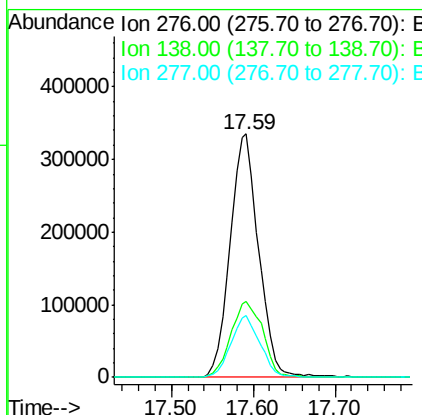
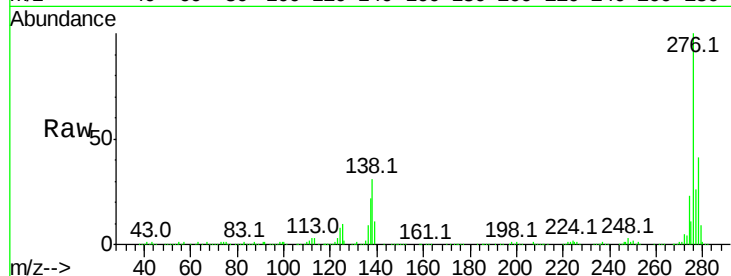
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.59 ng
RT: 17.59 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.9	20.2	30.4

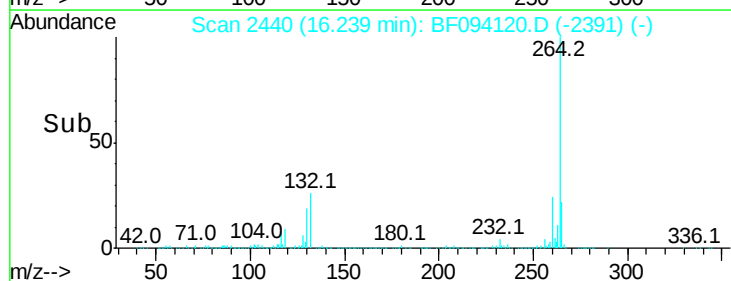
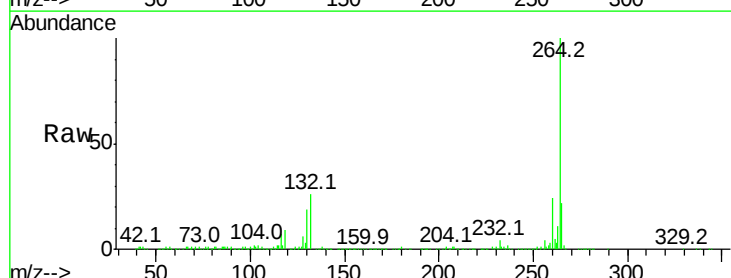
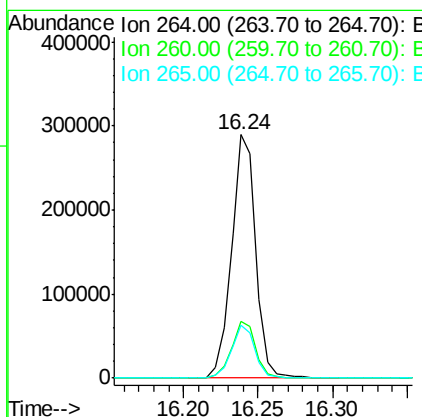
Manual Integrations
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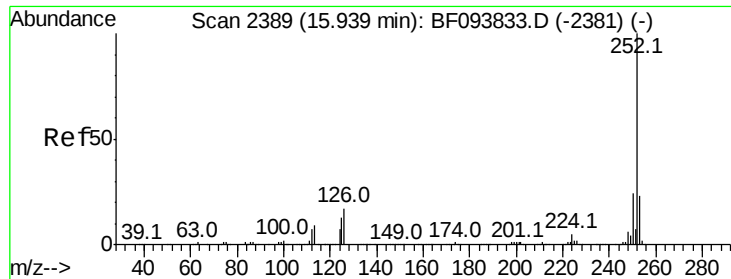
mohammad
4/4/2017 5:33:54 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.47 ng

RT: 15.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

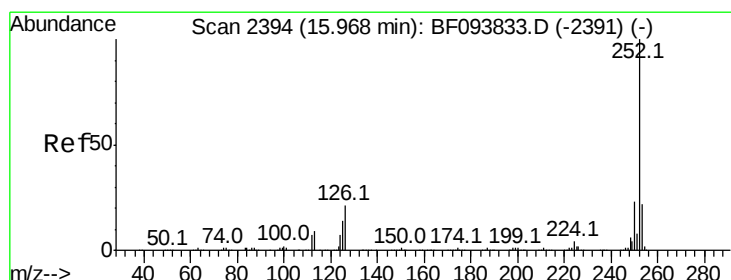
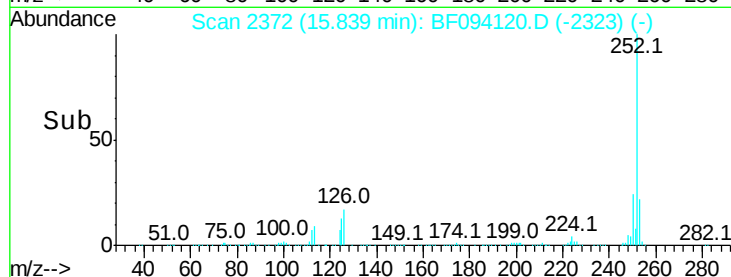
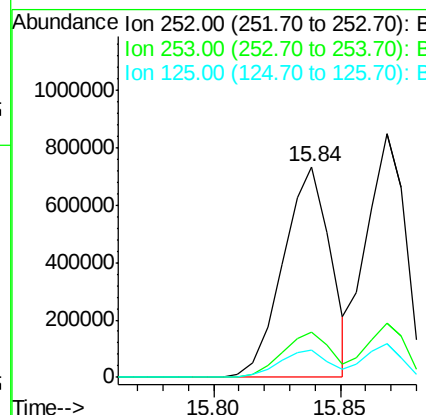
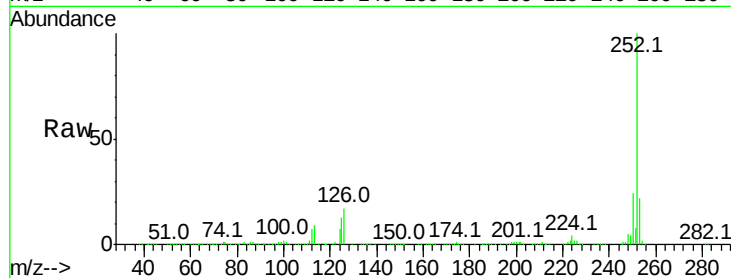
ClientSampleId :

PB97987BS

Tot Ion:	252	Resp:	955308
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	13.2	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.52 ng

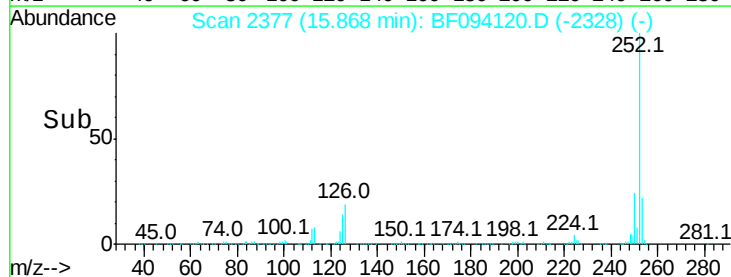
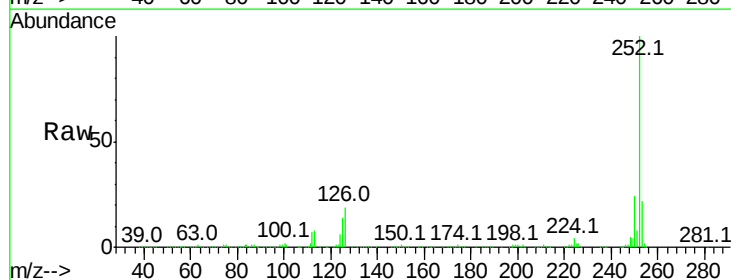
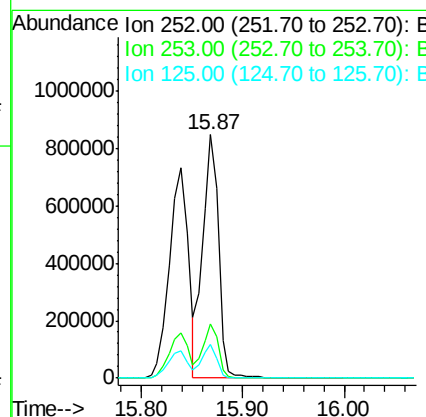
RT: 15.87 min Scan# 2377

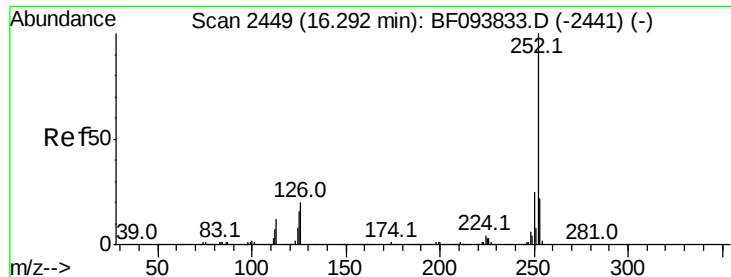
Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:	252	Resp:	916029
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	14.0	13.1	19.7





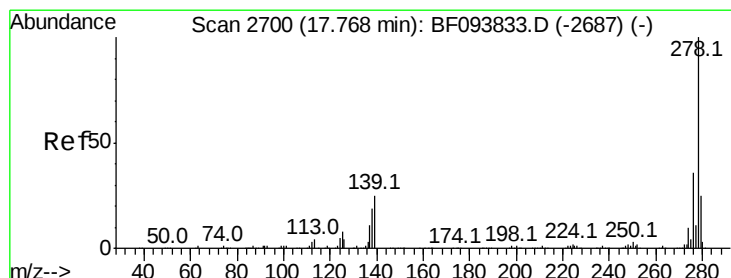
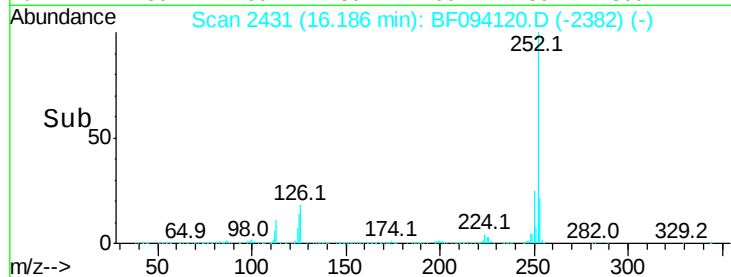
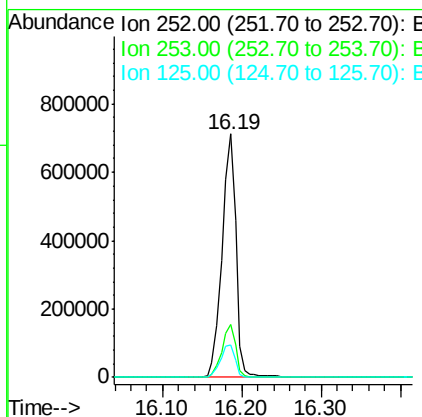
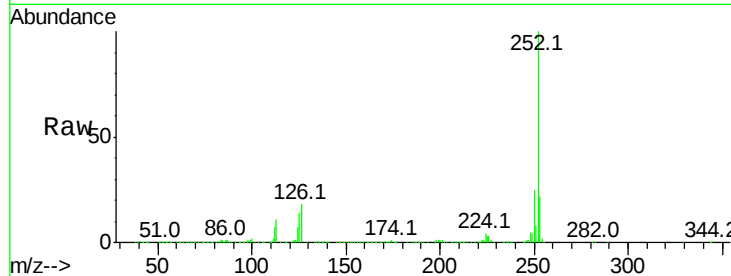
#89
Benzo(a)pyrene
Concen: 46.83 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion:	252	Resp:	867888
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	13.6	11.0	16.4

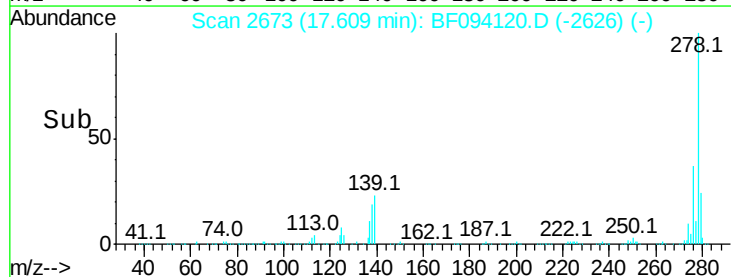
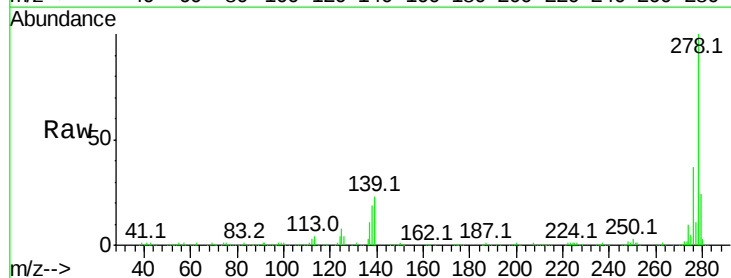
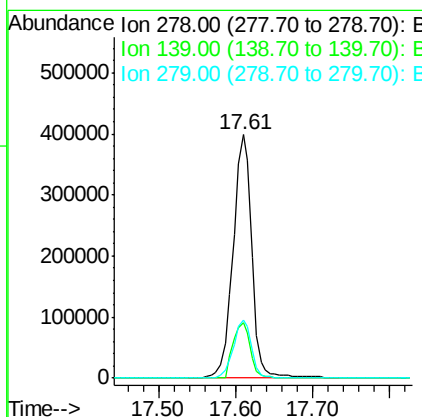
Manual Integrations
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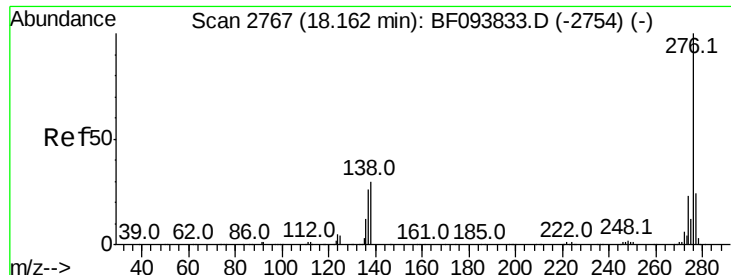
mohammad
4/4/2017 5:33:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.49 ng
RT: 17.61 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:	278	Resp:	682559
Ion Ratio	Lower	Upper	
278	100		
139	22.6	16.6	24.8
279	23.9	19.3	28.9





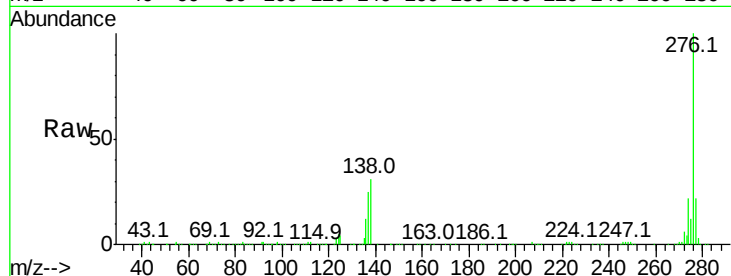
#91
 Benzo(a,h,i)perylene
 Concen: 43.44 ng
 RT: 17.99 min Scan# 2737
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.6	28.0
138	30.6	25.4	38.0

Manual Integrations
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 4/4/2017 5:33:54 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

