

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094003.D
 Acq On : 28 Mar 2017 20:08
 Operator : SJ/MA
 Sample : PB97860BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Manual Integrations
 APPROVED

mohammad
 3/29/2017 1:56:53 PM

Quant Time: Mar 29 03:53:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	171521	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	696868	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	324640	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	558347	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	376487	20.00	ng	-0.03
86) Perylene-d12	16.28	264	287141	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.47	112	873439	86.01	ng	0.00
7) Phenol-d6	5.54	99	1107635	88.17	ng	-0.01
23) Nitrobenzene-d5	6.59	82	993182	81.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	248868	97.01	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1843463	86.61	ng	-0.02
78) Terphenyl-d14	13.38	244	1477098	87.94	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	156948	32.17	ng	97
3) Pyridine	2.82	79	447712	33.67	ng	98
4) n-Nitrosodimethylamine	2.79	42	223130	40.78	ng	93
6) Aniline	5.55	93	354849	20.31	ng	# 1
8) 2-Chlorophenol	5.69	128	501506	44.93	ng	98
9) Benzaldehyde	5.42	77	98086	11.56	ng	98
10) Phenol	5.55	94	590319	41.29	ng	95
11) bis(2-Chloroethyl)ether	5.63	93	467798	41.87	ng	99
12) 1,3-Dichlorobenzene	5.86	146	516388	41.24	ng	99
13) 1,4-Dichlorobenzene	5.95	146	520763	41.07	ng	97
14) 1,2-Dichlorobenzene	6.13	146	487463	41.74	ng	95
15) Benzyl Alcohol	6.10	79	397232	43.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	644271	37.42	ng	97
17) 2-Methylphenol	6.24	107	416227	43.54	ng	98
18) Hexachloroethane	6.52	117	184492	41.39	ng	88
19) n-Nitroso-di-n-propylamine	6.42	70	337747	41.83	ng	97
20) 3+4-Methylphenols	6.42	107	521706	45.06	ng	# 64
22) Acetophenone	6.40	105	685469	44.13	ng	# 88
24) Nitrobenzene	6.60	77	505447	41.97	ng	95
25) Isophorone	6.89	82	923229	43.03	ng	95
26) 2-Nitrophenol	6.98	139	281869	49.08	ng	98
27) 2,4-Dimethylphenol	7.05	122	459475	46.43	ng	99
28) bis(2-Chloroethoxy)methane	7.15	93	597061	42.20	ng	99
29) 2,4-Dichlorophenol	7.27	162	436648	47.19	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	412868	43.32	ng	98
31) Naphthalene	7.46	128	1394501	41.62	ng	100
32) Benzoic acid	7.22	122	332367	50.45	ng	96
33) 4-Chloroaniline	7.52	127	148386	10.93	ng	# 93
34) Hexachlorobutadiene	7.62	225	212343	43.45	ng	98
35) Caprolactam	7.98	113	144681m	49.03	ng	
36) 4-Chloro-3-methylphenol	8.15	107	465164	48.11	ng	89
37) 2-Methylnaphthalene	8.30	142	989418	44.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	356961	40.19	ng	99
40) Hexachlorocyclopentadiene	8.50	237	380344	91.52	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	298618	47.53	nq	98
43) 2,4,5-Trichlorophenol	8.71	196	304291	44.76	nq	95
45) 1,1'-Biphenyl	8.88	154	1113158	42.51	nq	98
46) 2-Chloronaphthalene	8.90	162	880399	42.95	nq	94
47) 2-Nitroaniline	9.03	65	268980	44.24	nq	# 85
48) Acenaphthylene	9.41	152	1397289	41.02	nq	100
49) Dimethylphthalate	9.27	163	1078471	46.73	nq	100
50) 2,6-Dinitrotoluene	9.33	165	241932	45.73	nq	91
51) Acenaphthene	9.62	154	829019	41.71	nq	100
52) 3-Nitroaniline	9.53	138	124511	20.04	nq	86
53) 2,4-Dinitrophenol	9.67	184	256080	89.85	nq	# 72
54) Dibenzofuran	9.83	168	1210787	44.75	nq	99
55) 4-Nitrophenol	9.77	139	390568	80.29	nq	# 67
56) 2,4-Dinitrotoluene	9.83	165	293206	44.12	nq	# 69
57) Fluorene	10.25	166	905506	40.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	230329	49.37	nq	98
59) Diethylphthalate	10.14	149	1039960	45.60	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	390780	40.88	nq	95
61) 4-Nitroaniline	10.29	138	252204	42.31	nq	92
62) Azobenzene	10.46	77	1003969	46.53	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	165360	48.36	nq	# 63
65) n-Nitrosodiphenylamine	10.41	169	857492	44.41	nq	97
66) 4-Bromophenyl-phenylether	10.86	248	255938	46.61	nq	99
67) Hexachlorobenzene	10.93	284	255198	45.91	nq	# 85
68) Atrazine	11.08	200	239118	41.35	nq	97
69) Pentachlorophenol	11.18	266	273562	79.06	nq	98
70) Phenanthrene	11.43	178	1334570	42.97	nq	99
71) Anthracene	11.50	178	1386520	43.36	nq	99
72) Carbazole	11.70	167	1259996	38.42	nq	98
73) Di-n-butylphthalate	12.14	149	1600964	46.94	nq	100
74) Fluoranthene	12.89	202	1324673	41.65	nq	98
76) Benzidine	13.06	184	171503	11.51	nq	# 92
77) Pyrene	13.17	202	1317363	48.21	nq	100
79) Butylbenzylphthalate	13.99	149	640609	55.03	nq	88
80) Benzo(a)anthracene	14.64	228	992524	45.21	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	198092	25.24	nq	# 97
82) Chrysene	14.69	228	855511	41.99	nq	100
83) Bis(2-ethylhexyl)phthalate	14.70	149	871790	54.89	nq	# 100
84) Di-n-octyl phthalate	15.45	149	1418230	53.45	nq	97
85) Indeno(1,2,3-cd)pyrene	17.64	276	776372	44.00	nq	100
87) Benzo(b)fluoranthene	15.87	252	796344	45.25	nq	98
88) Benzo(k)fluoranthene	15.90	252	761719	44.23	nq	# 95
89) Benzo(a)pyrene	16.22	252	746061	46.03	nq	98
90) Dibenzo(a,h)anthracene	17.67	278	648109	47.22	nq	98
91) Benzo(g,h,i)perylene	18.05	276	622511	45.00	nq	97

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

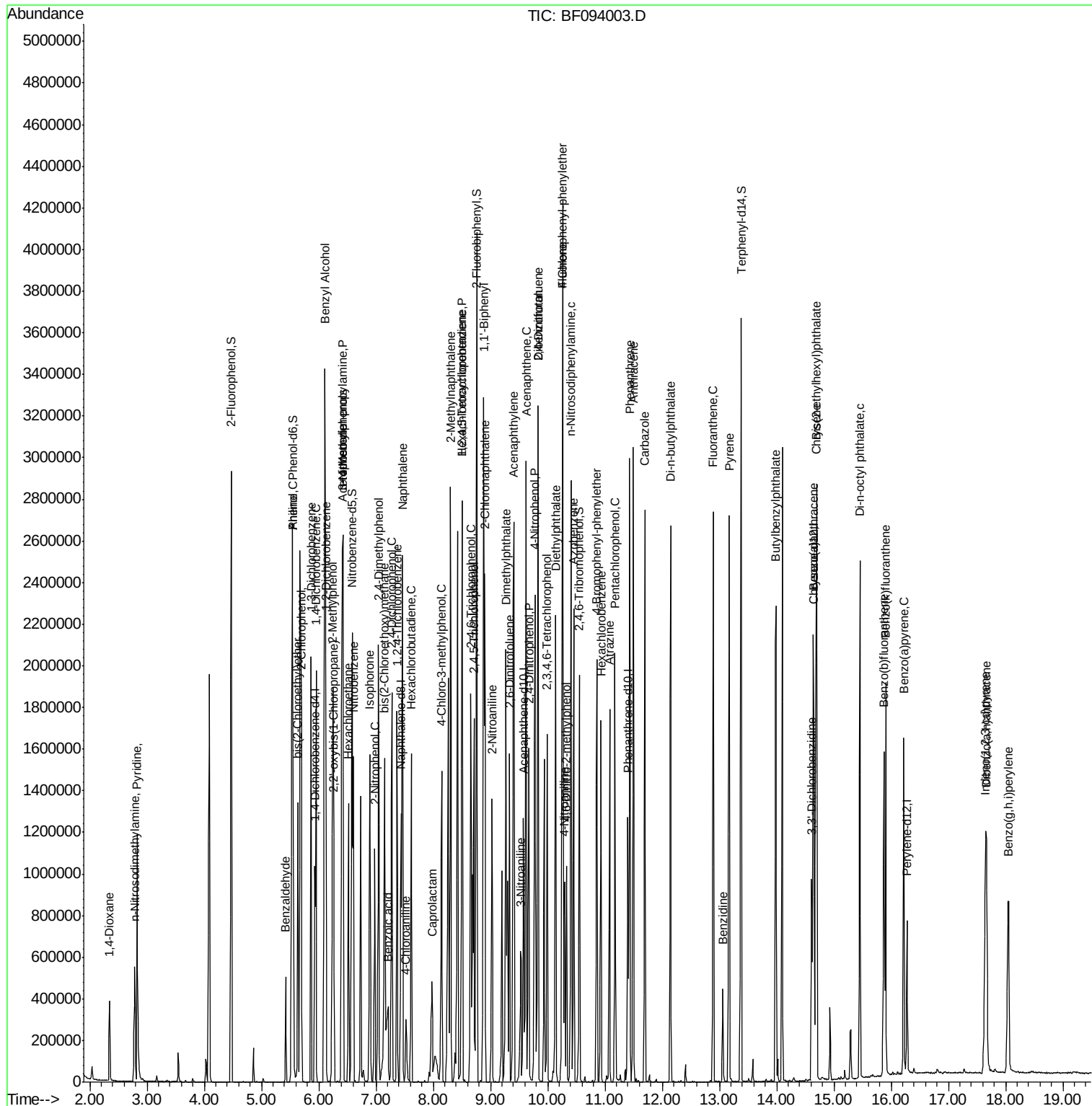
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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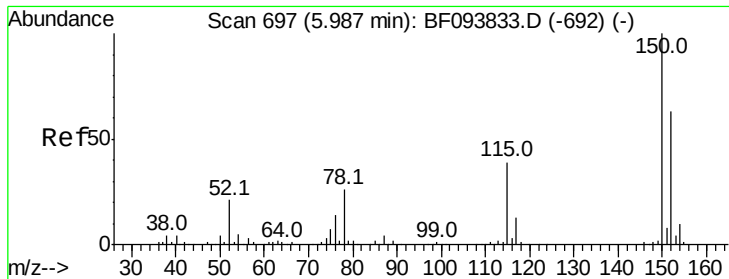
Instrument :
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#1

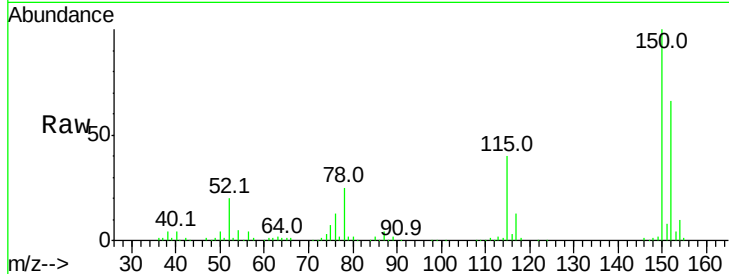
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

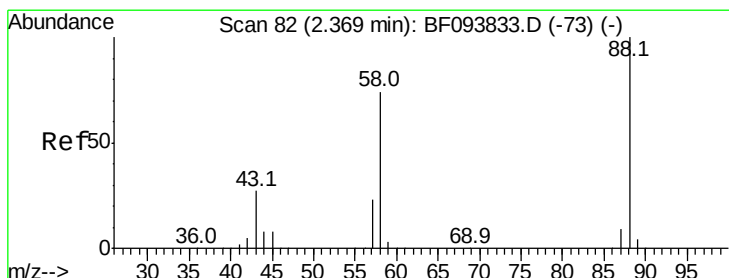
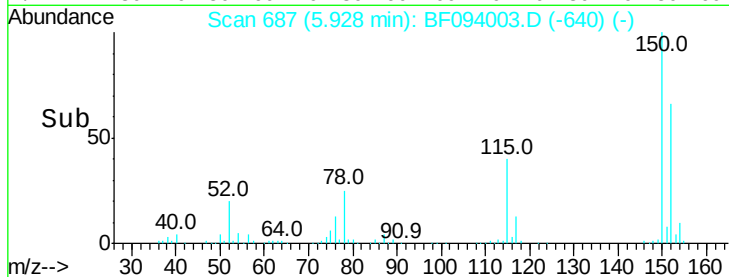
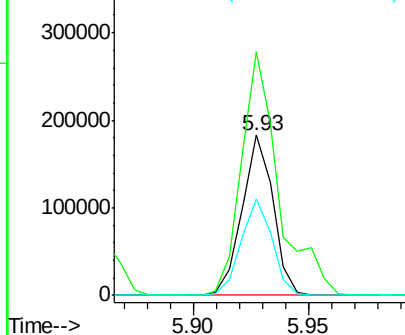
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	60.1	52.2	78.2

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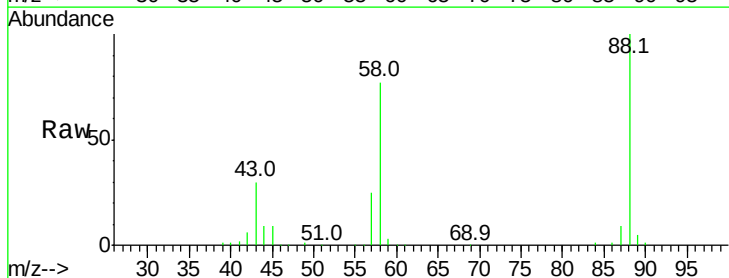
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



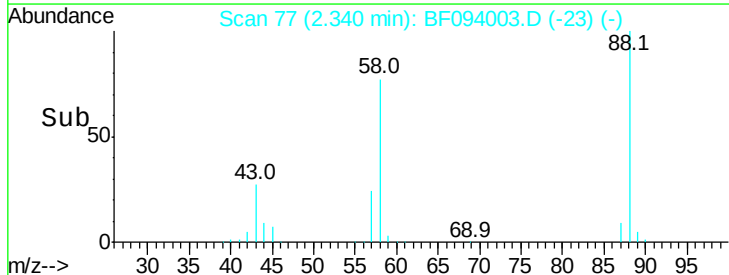
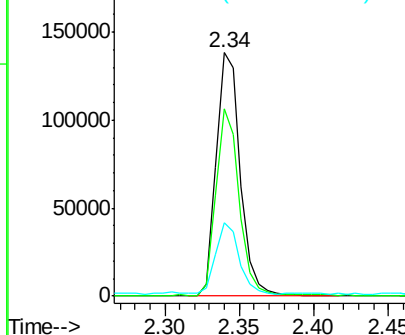
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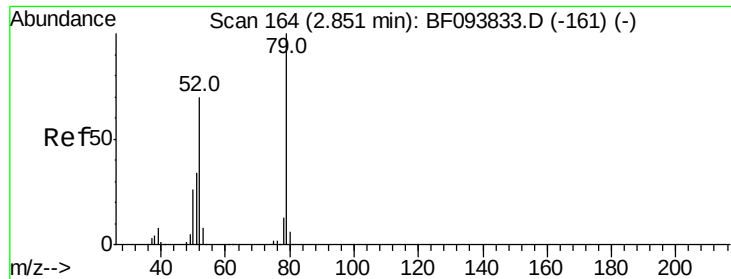
1,4-Dioxane
Concen: 32.17 ng
RT: 2.34 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	61.4	92.0
43	29.5	23.4	35.0



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





#3

Pvridine

Concen: 33.67 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

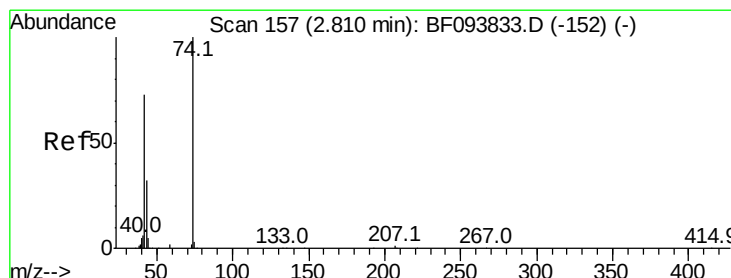
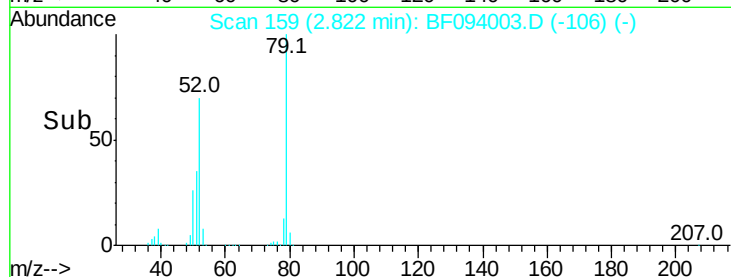
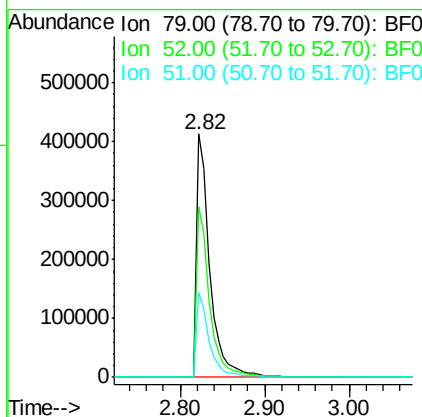
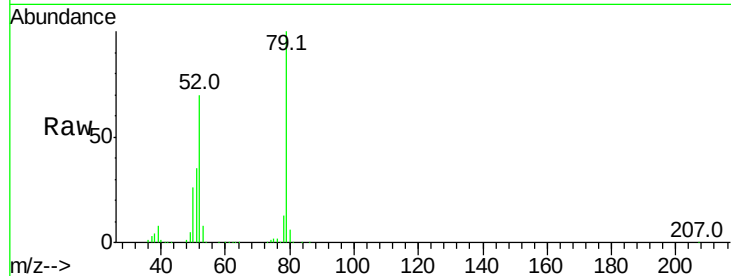
ClientSampleId :

PB97860BS

Tot Ion:	79	Resp:	447712
Ion Ratio	Lower	Upper	
79	100		
52	70.1	54.8	82.2
51	34.6	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 40.78 ng

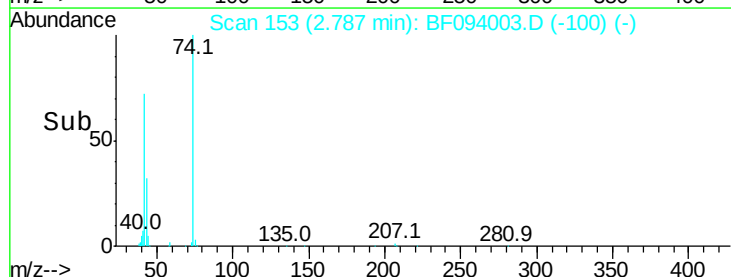
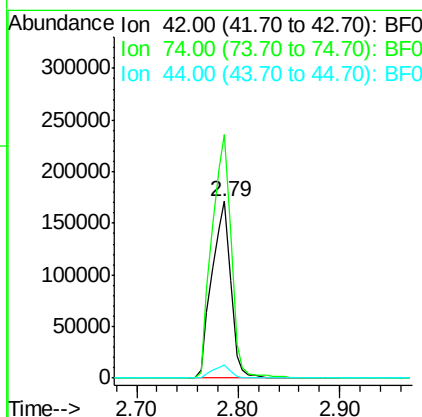
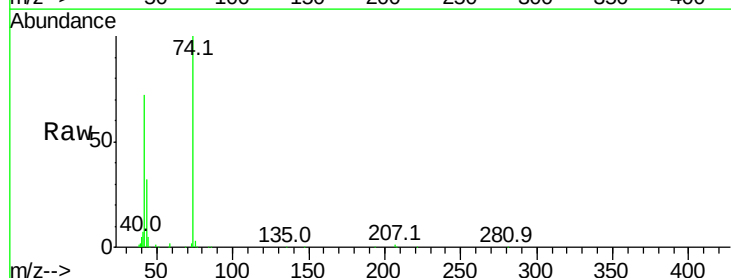
RT: 2.79 min Scan# 153

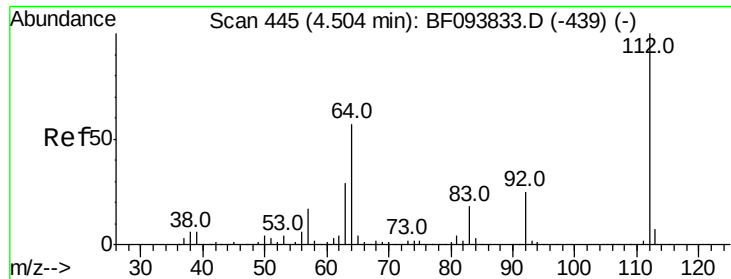
Delta R.T. 0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion:	42	Resp:	223130
Ion Ratio	Lower	Upper	
42	100		
74	137.9	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 86.01 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

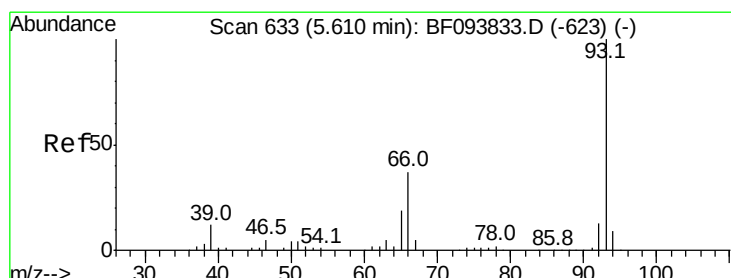
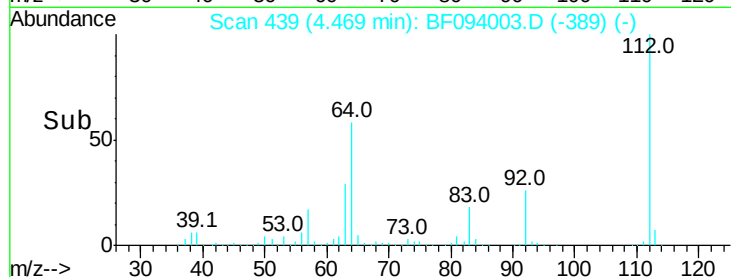
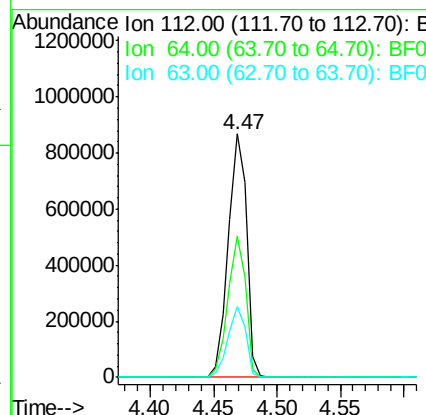
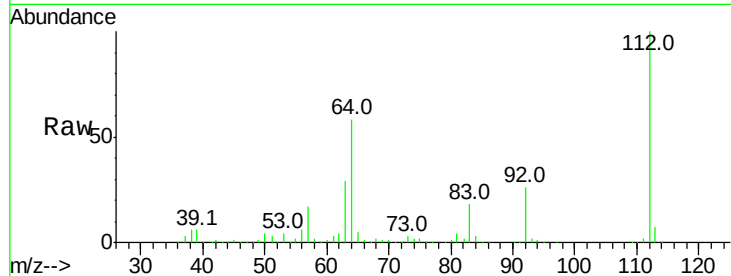
ClientSampleId :

PB97860BS

Tot Ion:	112	Resp:	873439
Ion Ratio	Lower	Upper	
112	100		
64	58.0	46.0	69.0
63	29.0	23.4	35.0

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#6

Aniline

Concen: 20.31 ng

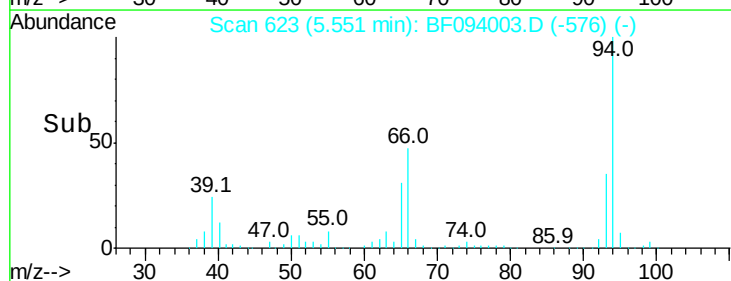
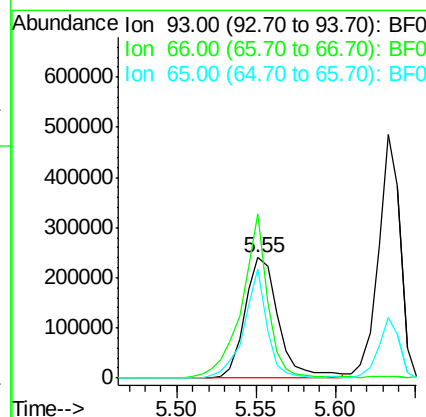
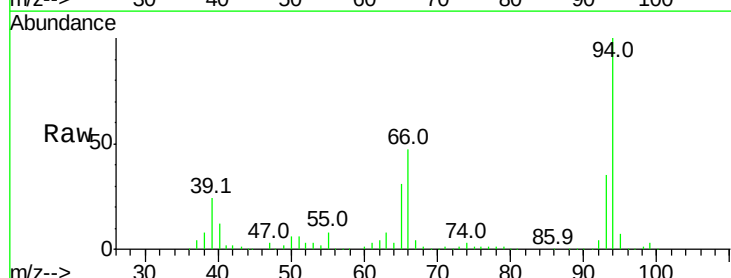
RT: 5.55 min Scan# 623

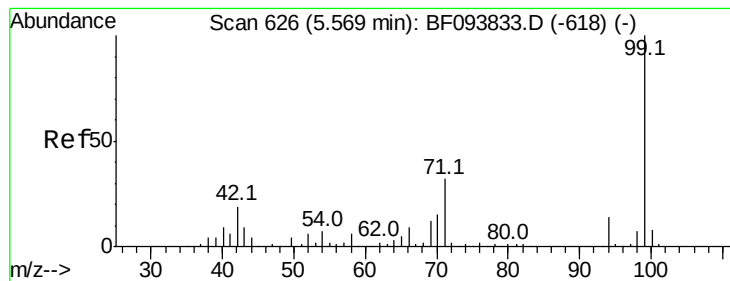
Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion:	93	Resp:	354849
Ion Ratio	Lower	Upper	
93	100		
66	135.7	32.9	49.3#
65	90.3	16.0	24.0#





#7

Phenol-d6

Concen: 88.17 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

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ClientSampled :

PB97860BS

Tot Ion: 99 Resp: 1107635

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

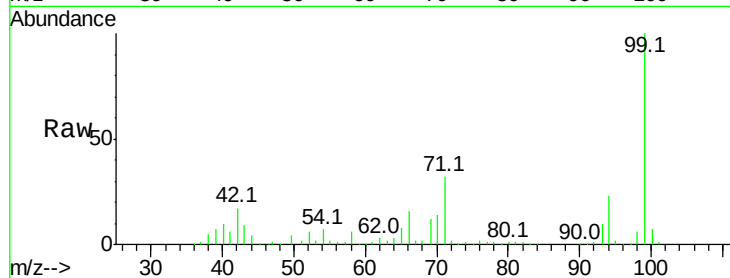
71 31.9 24.5 36.7

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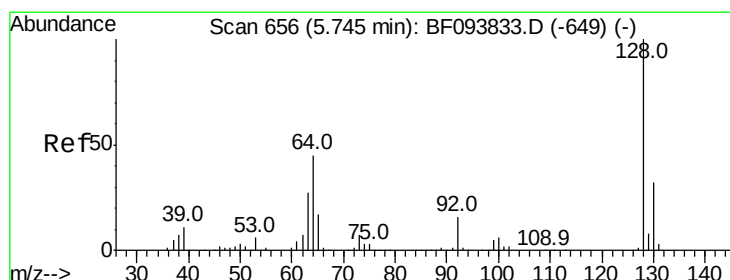
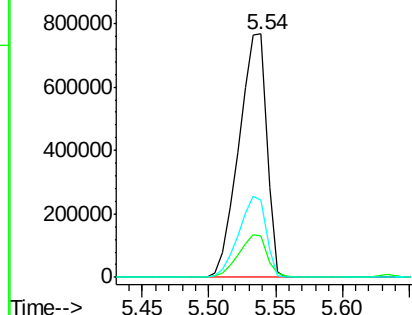
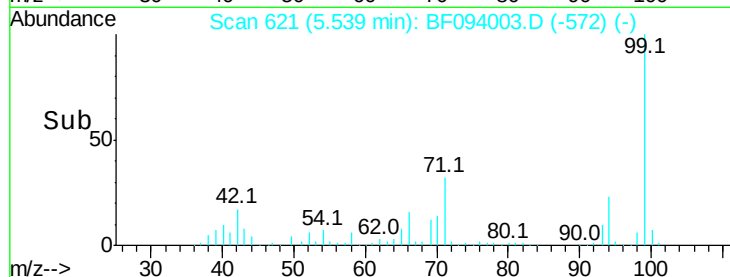
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.93 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

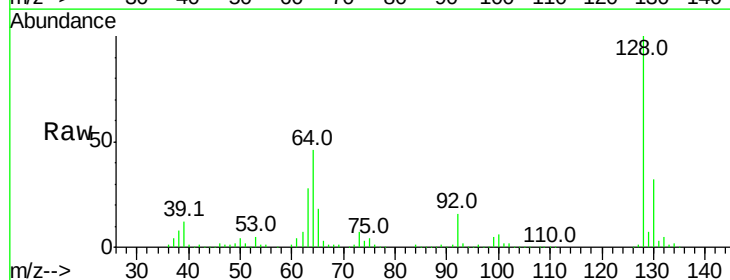
Tgt Ion: 128 Resp: 501506

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

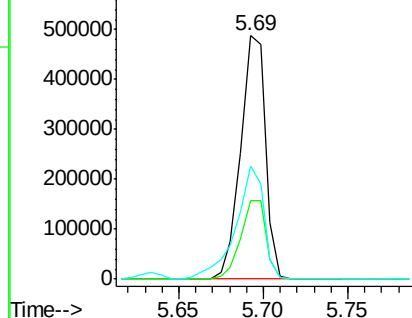
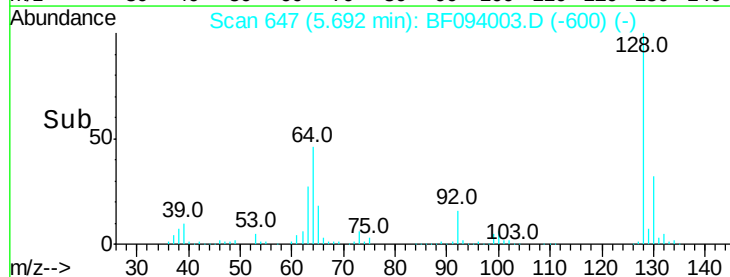
64 46.4 28.4 68.4

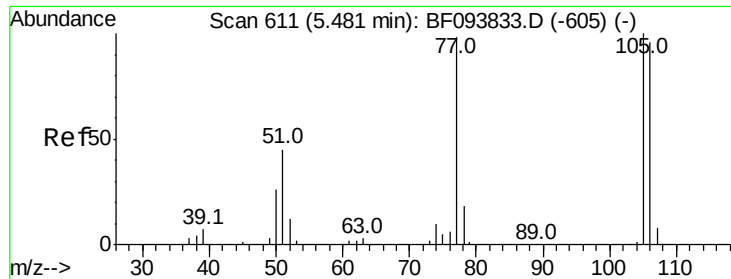


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.56 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

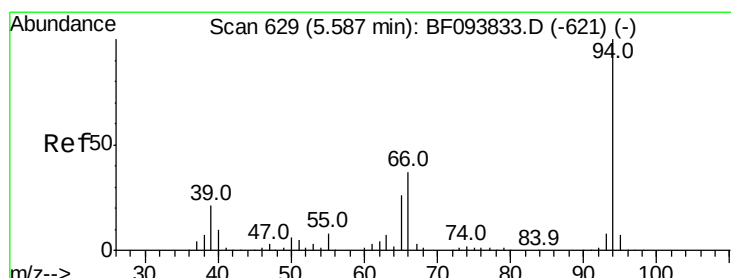
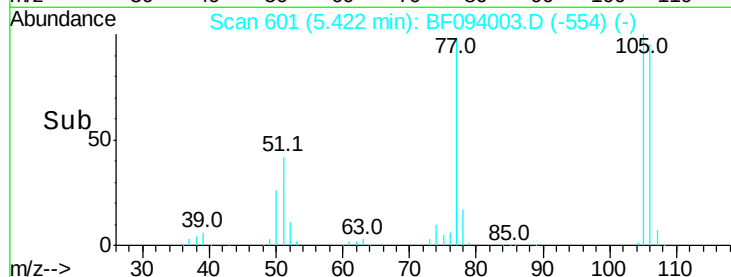
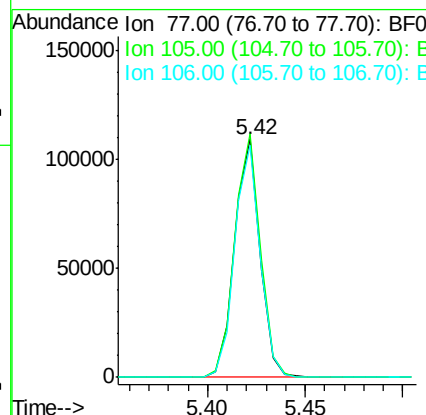
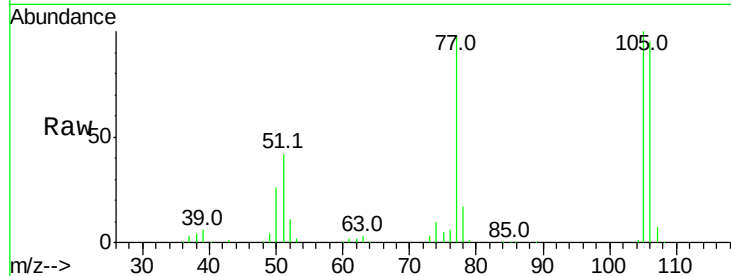
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	102.2	83.8	123.8	
106	97.4	79.1	119.1	

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#10

Phenol

Concen: 41.29 ng

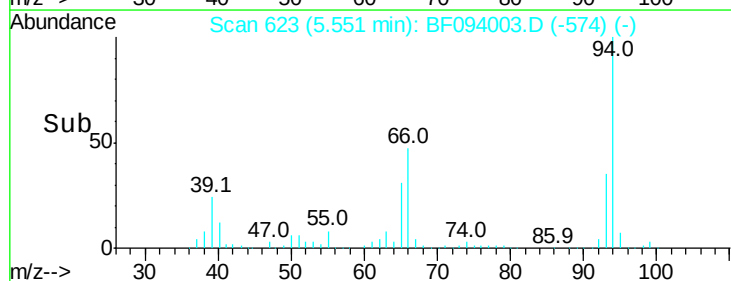
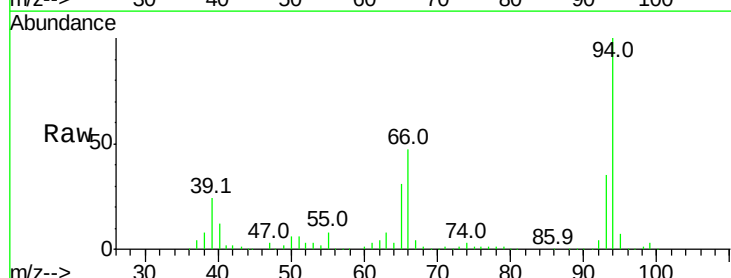
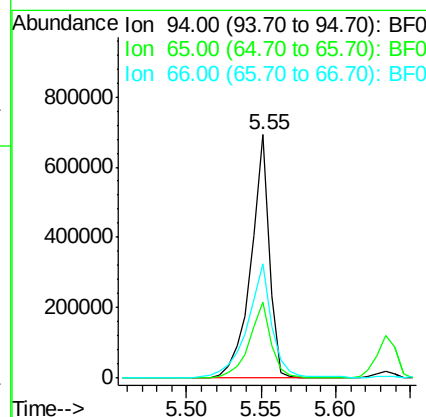
RT: 5.55 min Scan# 623

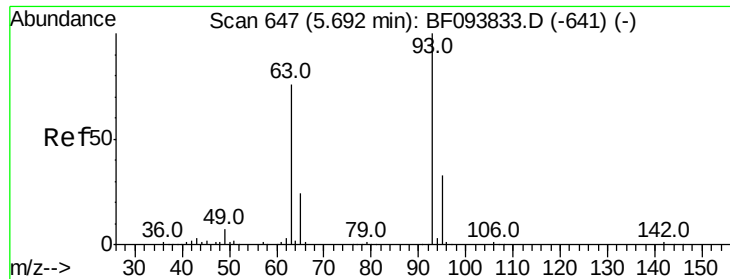
Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.4	9.9	49.9	
66	47.1	23.1	63.1	





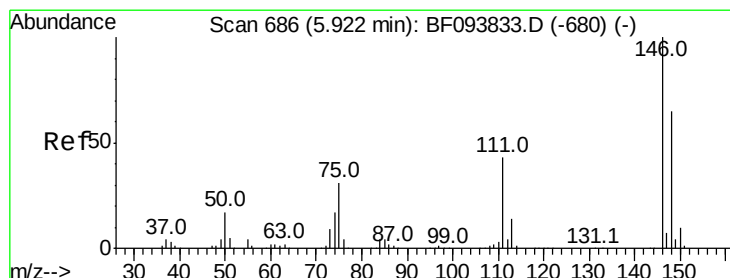
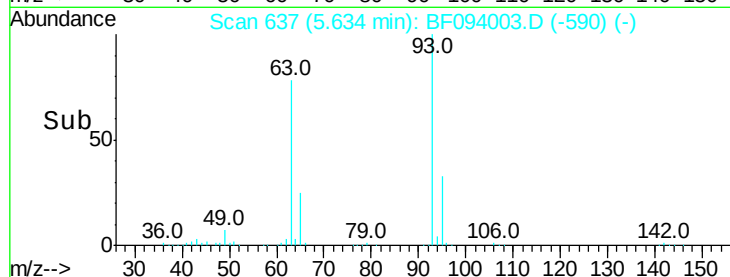
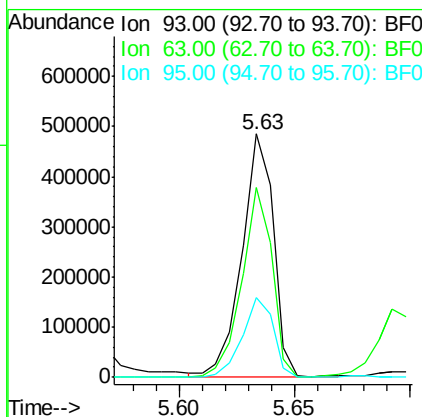
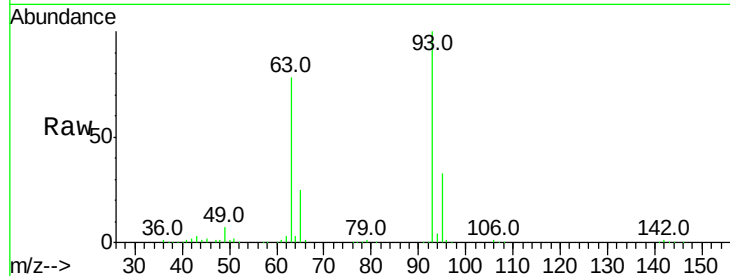
#11
bis(2-Chloroethyl)ether
Concen: 41.87 ng
RT: 5.63 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	59.2	99.2
95	32.7	12.8	52.8

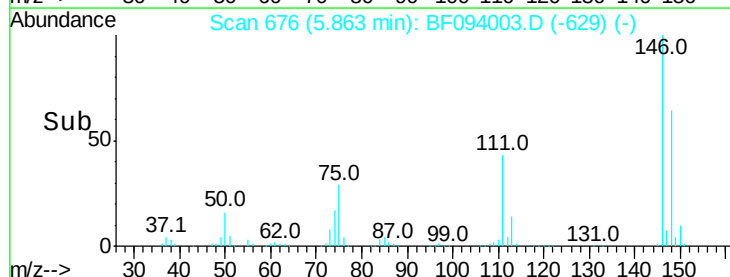
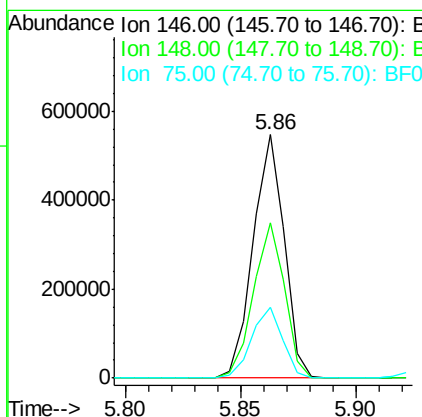
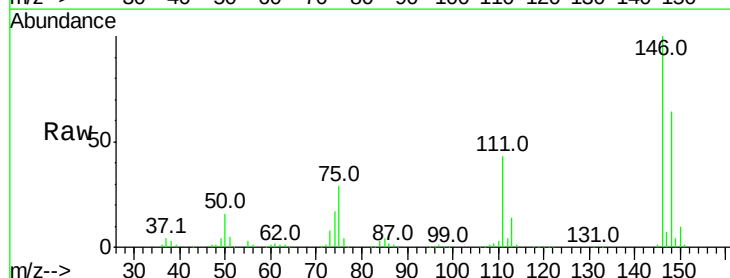
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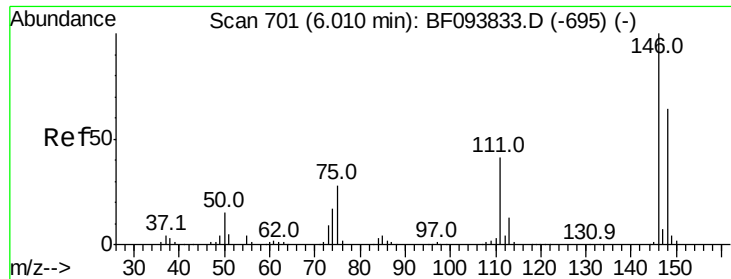
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.24 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	29.0	23.1	34.7





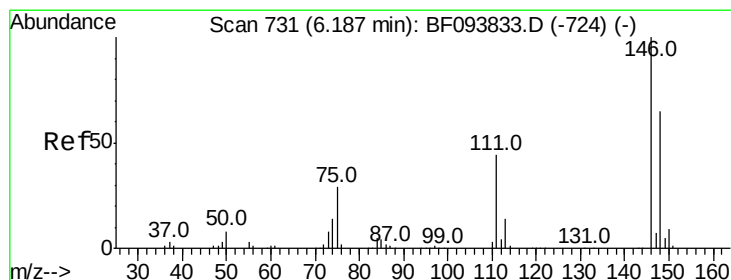
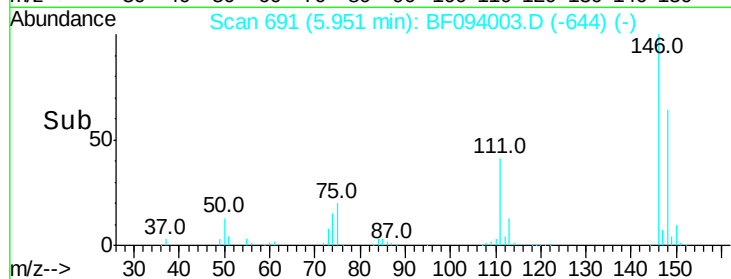
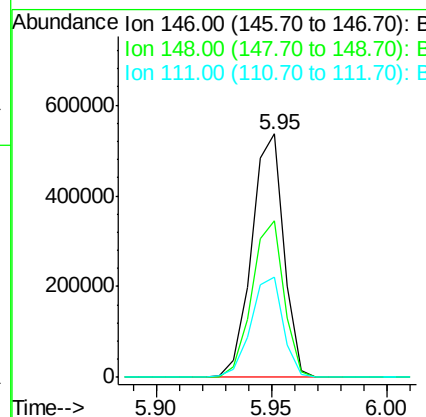
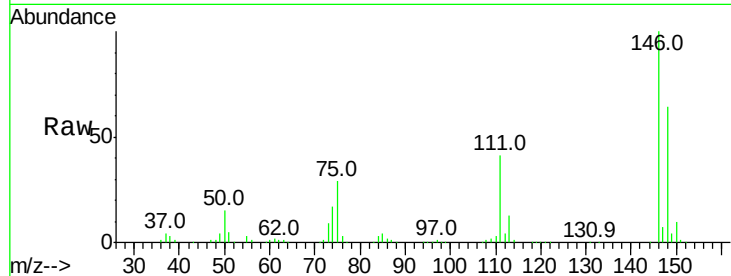
#13
 1,4-Dichlorobenzene
 Concen: 41.07 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	41.2	30.3	45.5

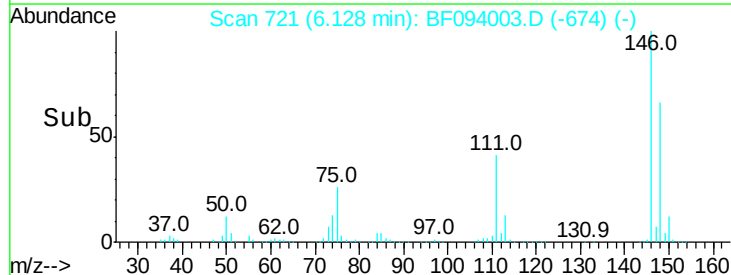
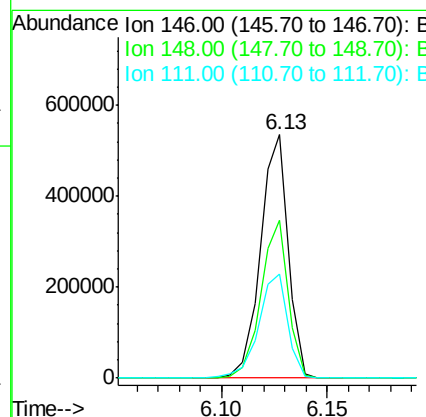
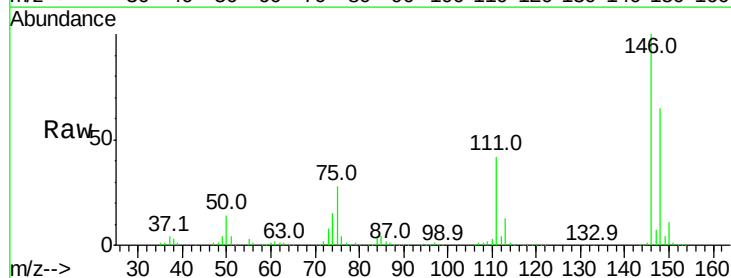
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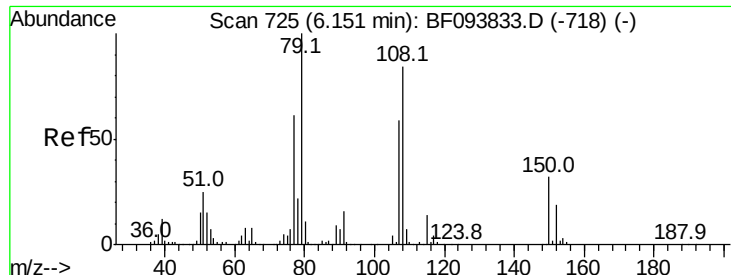
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.74 ng
 RT: 6.13 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	42.5	38.2	57.4





#15

Benzyl Alcohol

Concen: 43.20 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampled :

PB97860BS

Tot Ion: 79 Resp: 397232

Ion Ratio Lower Upper

79 100

108 80.9 63.4 95.0

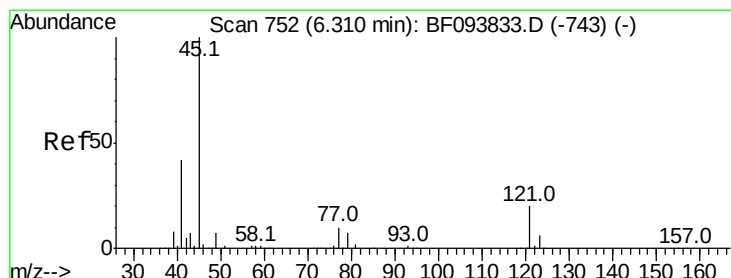
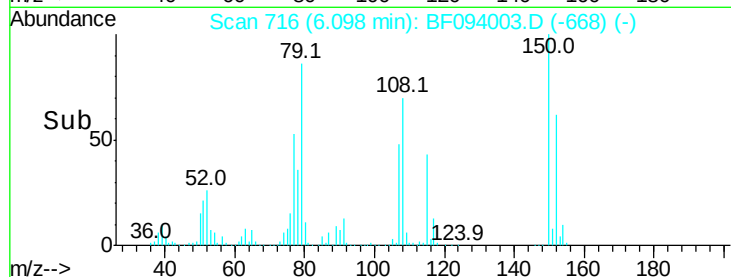
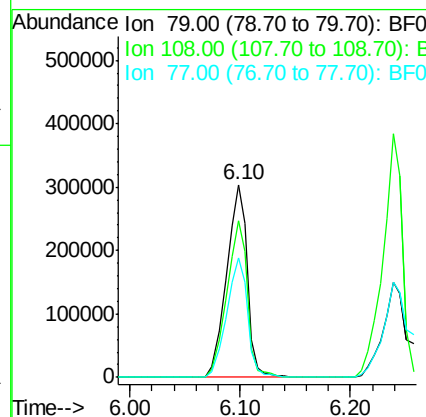
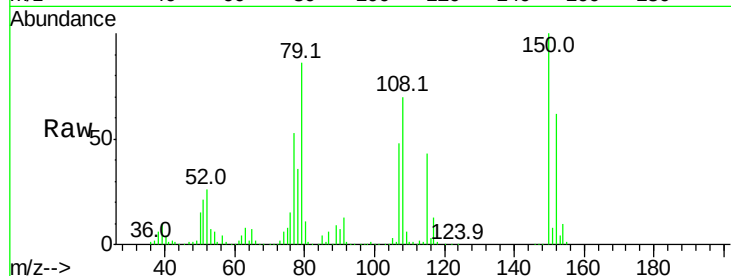
77 61.9 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.42 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

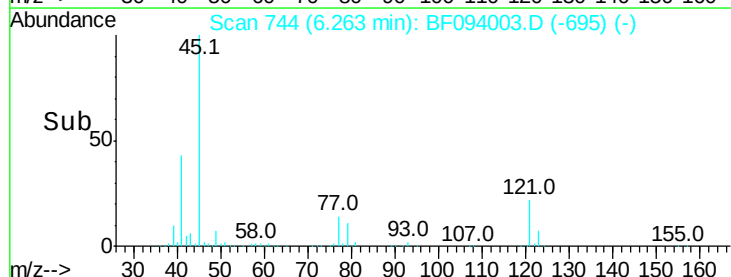
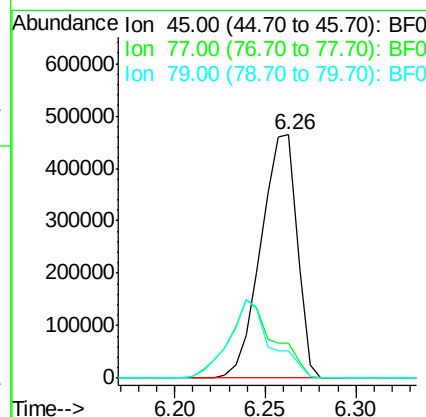
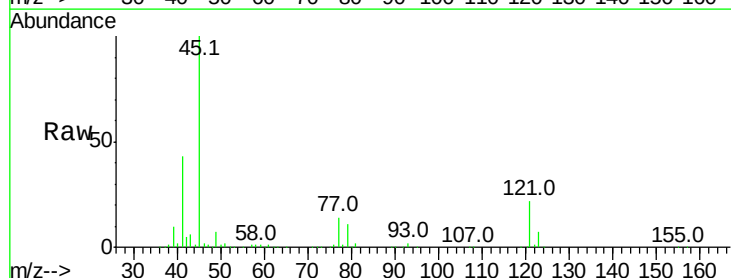
Tgt Ion: 45 Resp: 644271

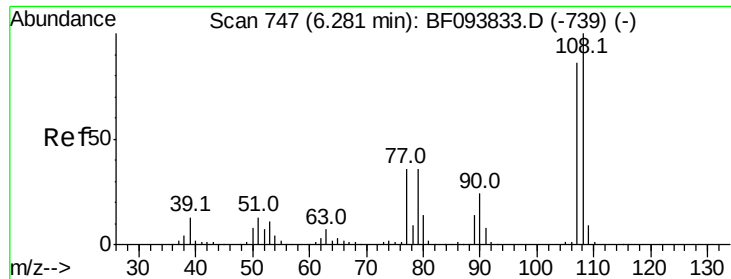
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

79 11.2 0.0 30.0





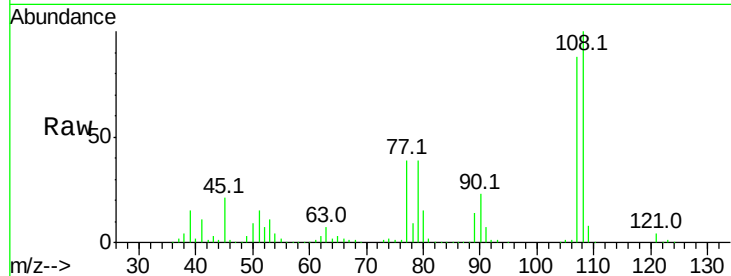
#17
2-Methylphenol
Concen: 43.54 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

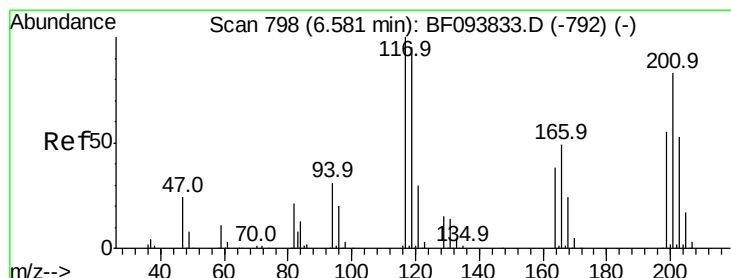
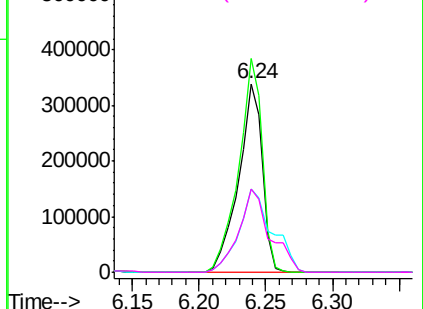
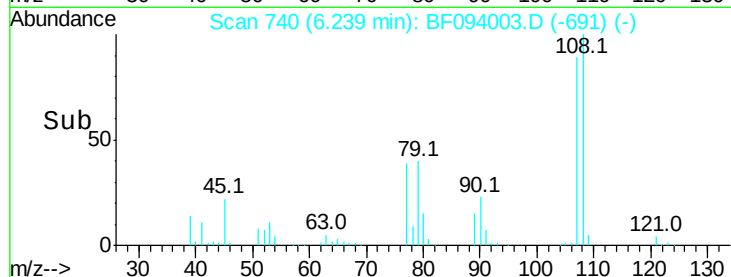
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	93.4	140.0	
77	44.3	35.8	53.6	
79	44.3	34.8	52.2	

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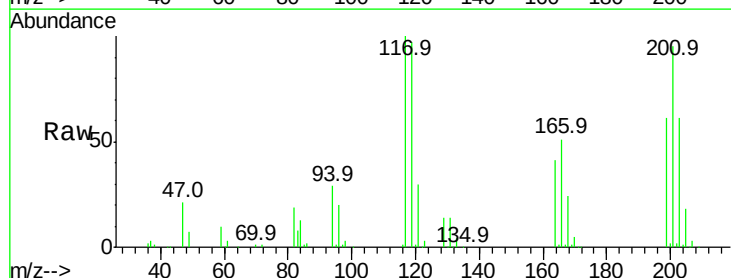


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

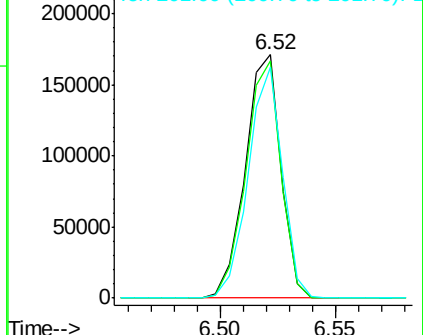
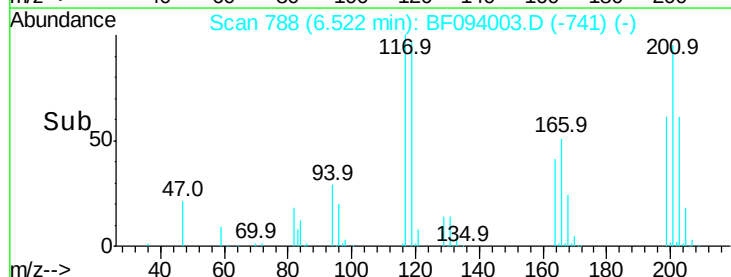


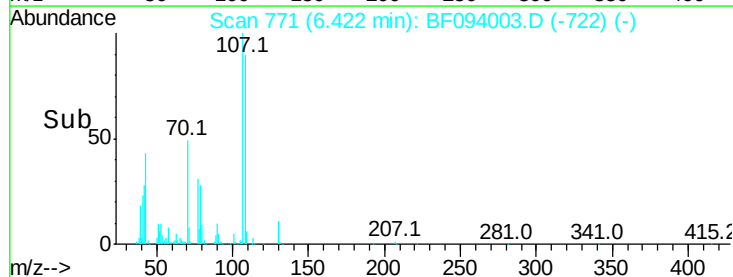
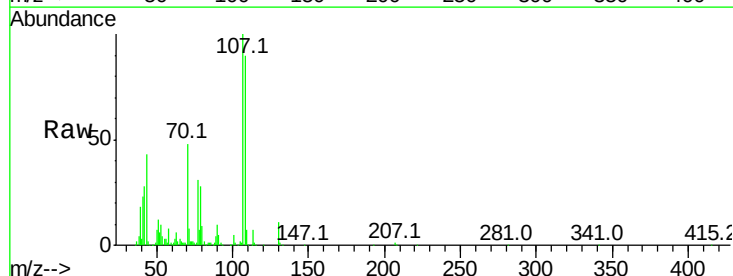
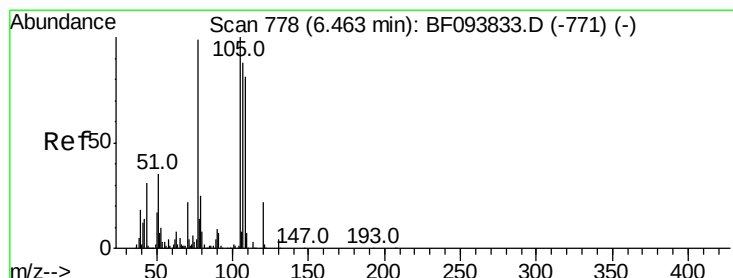
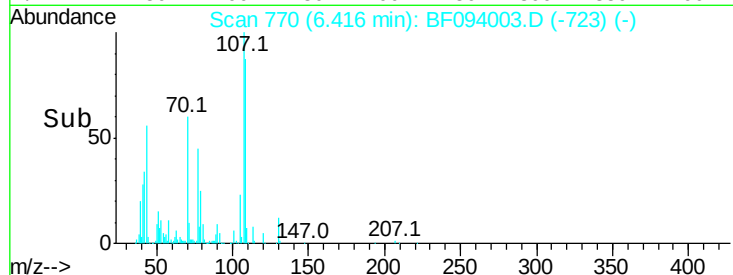
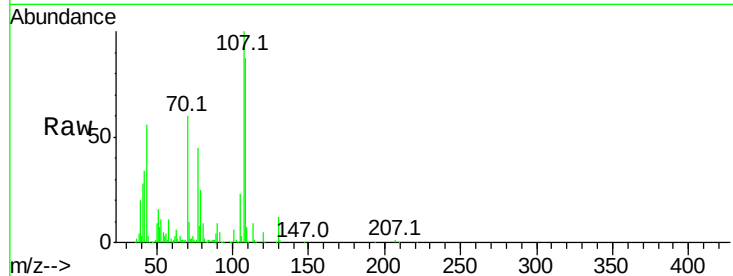
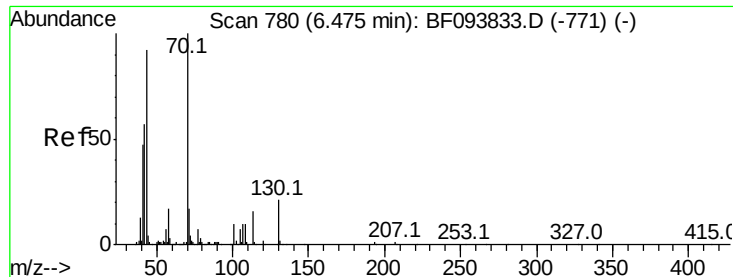
#18
Hexachloroethane
Concen: 41.39 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.4	116.0	
201	94.9	94.6	141.8	



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





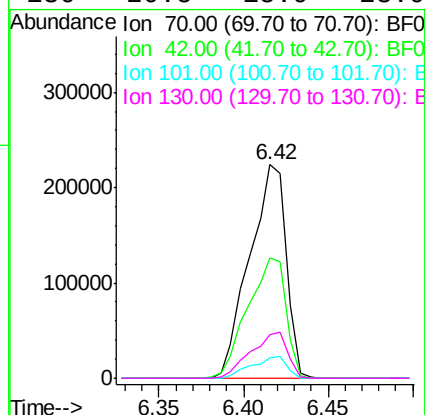
#19
n-Nitroso-di-n-propylamine
Concen: 41.83 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	47.2	70.8	
101	9.7	7.2	10.8	
130	20.5	15.9	23.9	

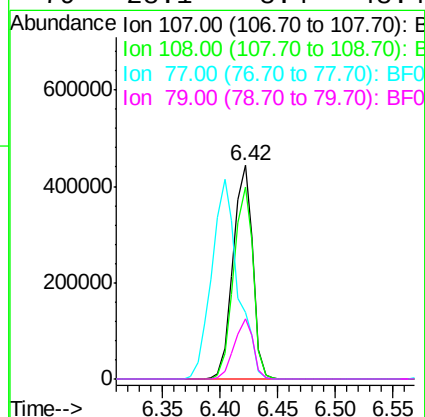
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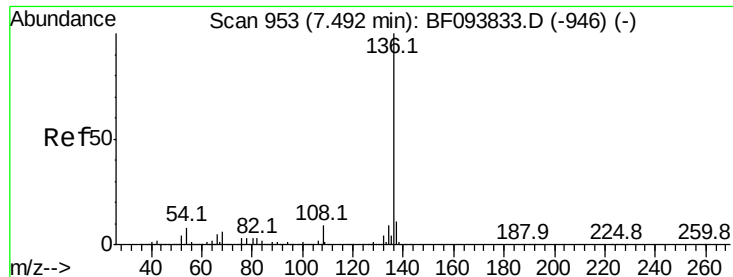
mohammad
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#20
3+4-Methylphenols
Concen: 45.06 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	71.0	111.0	
77	31.1	90.5	130.5#	
79	28.1	8.4	48.4	





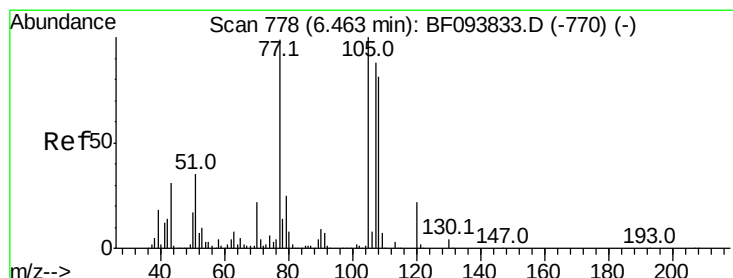
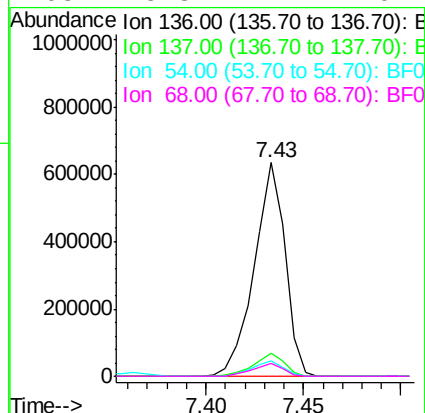
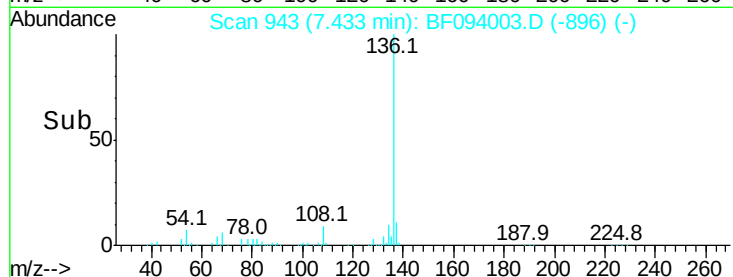
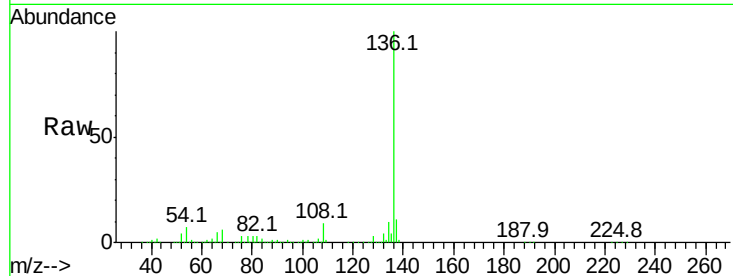
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	696868		
137	10.8		8.5	12.7
54	7.0		4.9	7.3
68	5.8		4.1	6.1

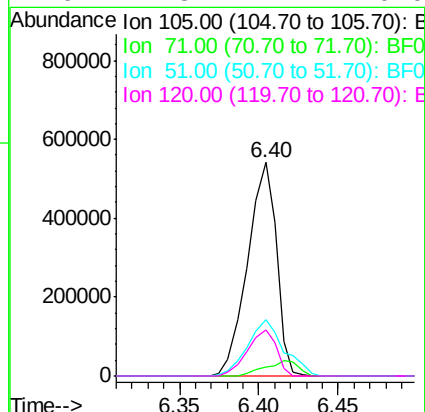
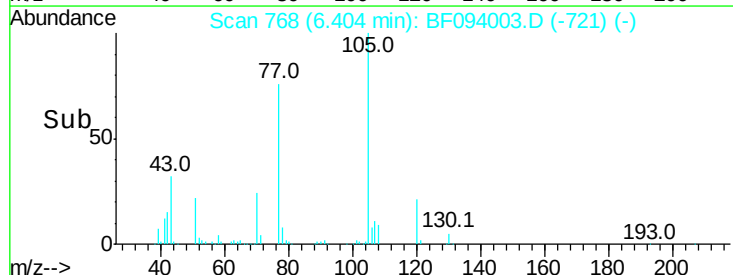
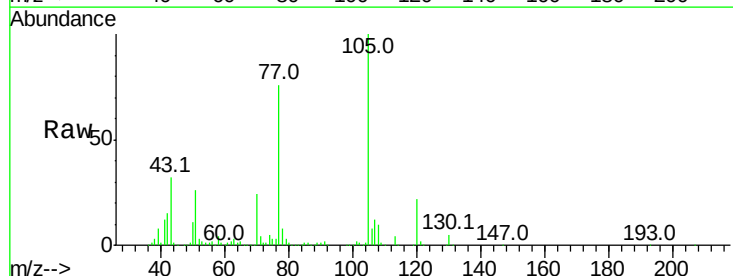
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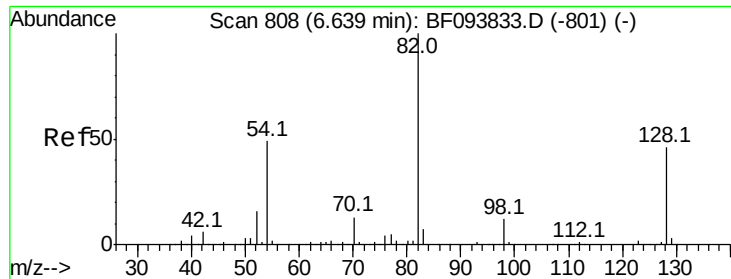
mohammad
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#22
Acetophenone
Concen: 44.13 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	685469		
71	4.2		2.8	4.2#
51	26.2		30.7	46.1#
120	21.8		17.4	26.0





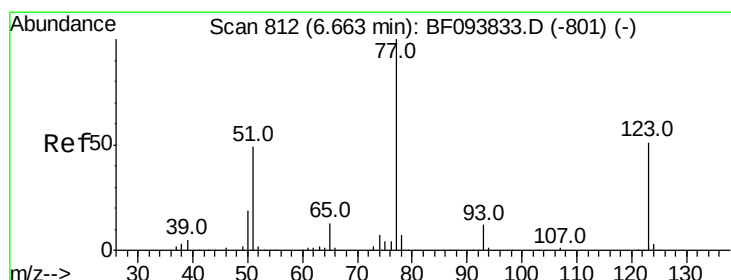
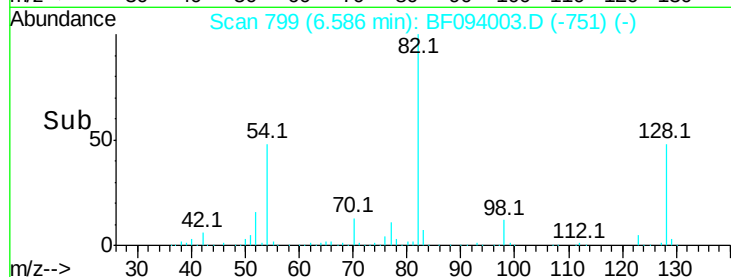
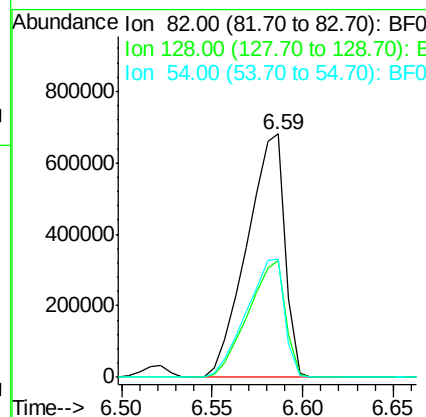
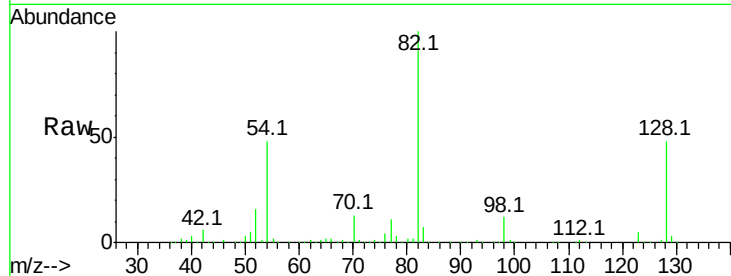
#23
 Nitrobenzene-d5
 Concen: 81.33 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	48.4	42.2	63.2

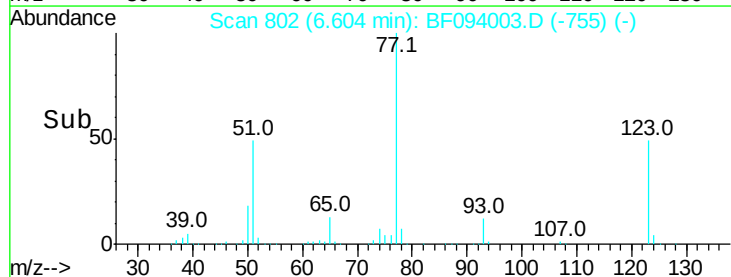
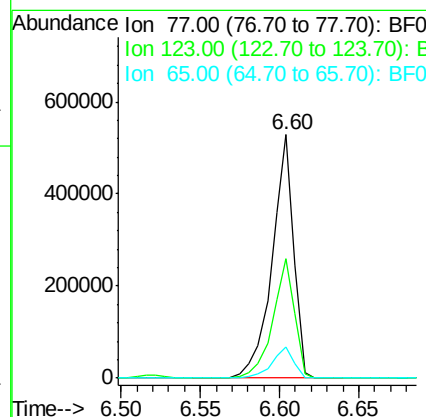
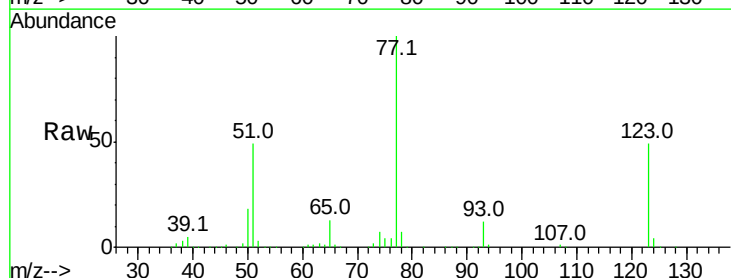
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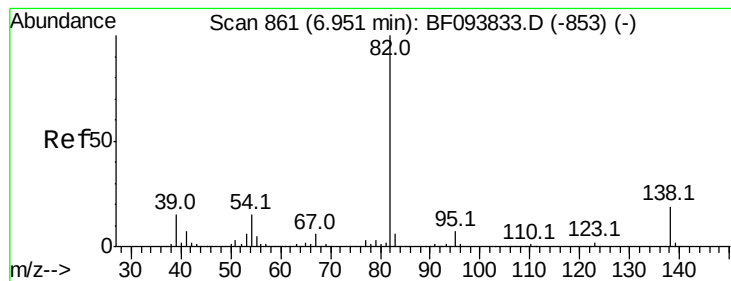
mohammad
 3/29/2017 1:56:53 PM



#24
 Nitrobenzene
 Concen: 41.97 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 43.03 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

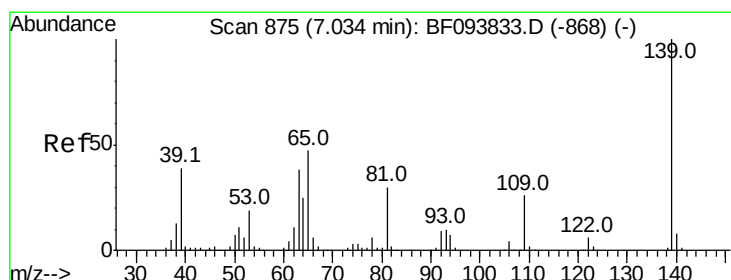
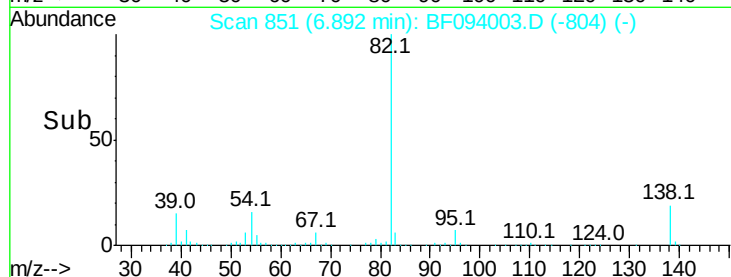
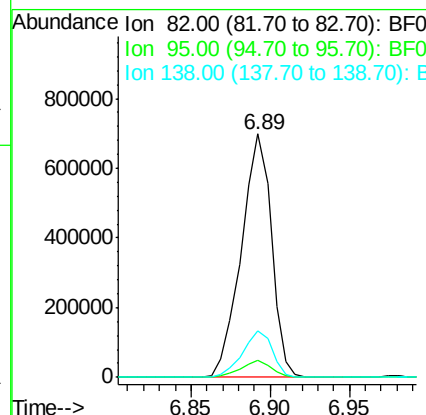
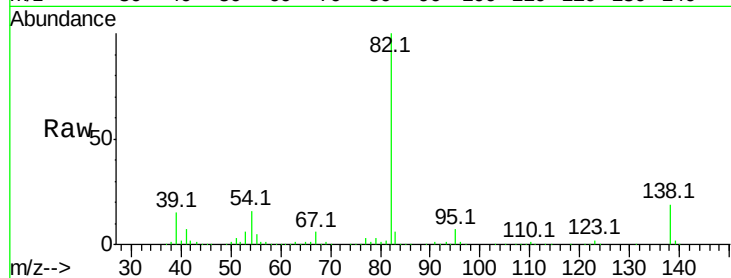
ClientSampleId :

PB97860BS

Tot Ion:	82	Resp:	923229
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 49.08 ng

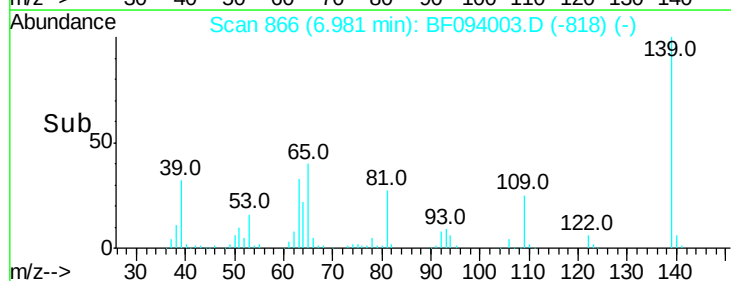
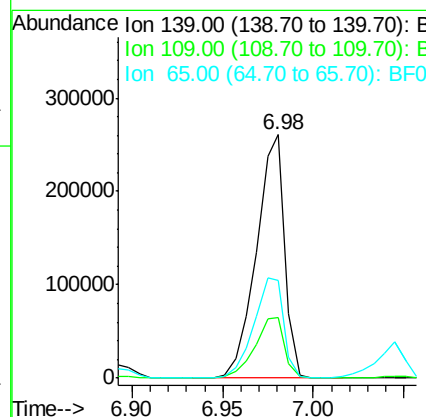
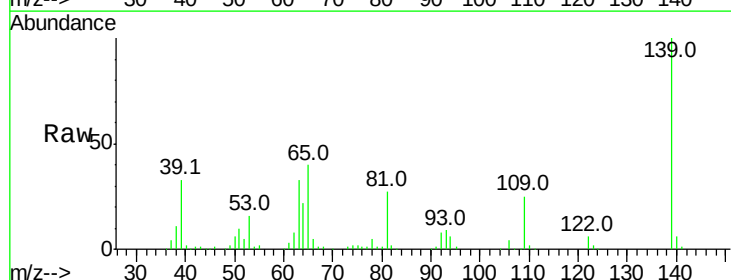
RT: 6.98 min Scan# 866

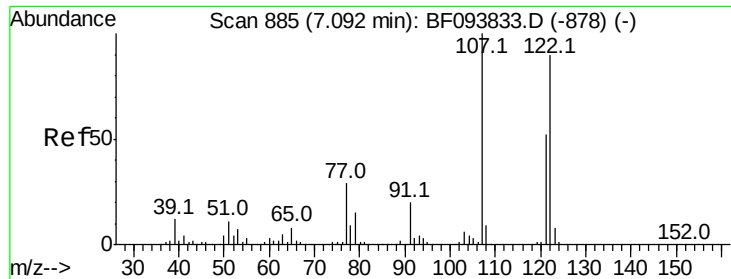
Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion:	139	Resp:	281869
Ion Ratio	Lower	Upper	
139	100		
109	24.8	21.0	31.6
65	40.3	33.0	49.6





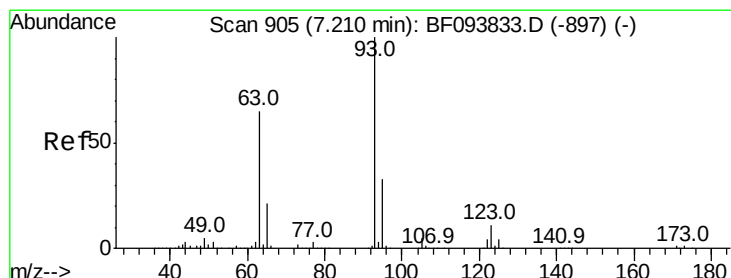
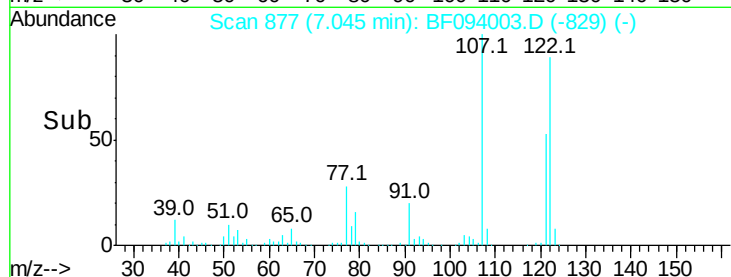
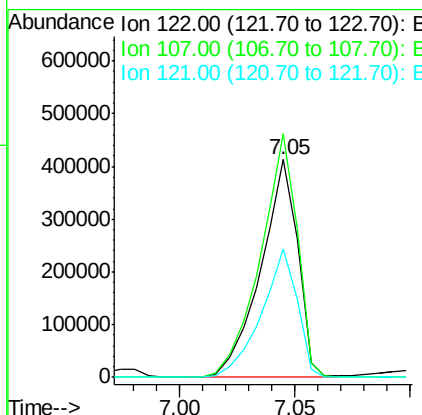
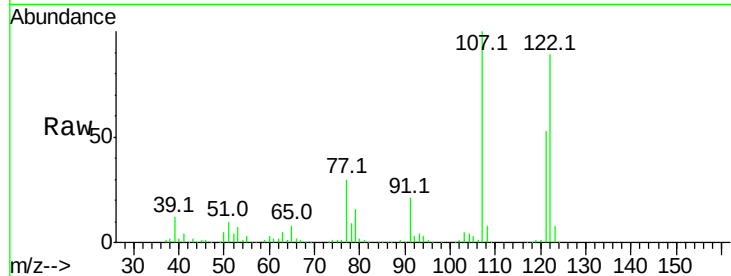
#27
2,4-Dimethylphenol
Concen: 46.43 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	459475		
107	111.9	89.2	133.8	
121	59.1	45.2	67.8	

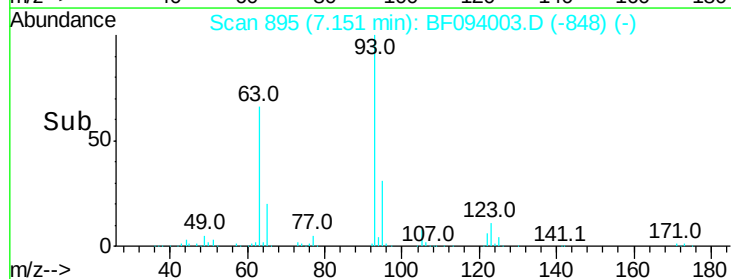
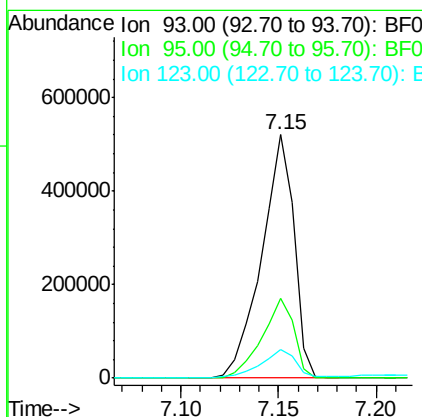
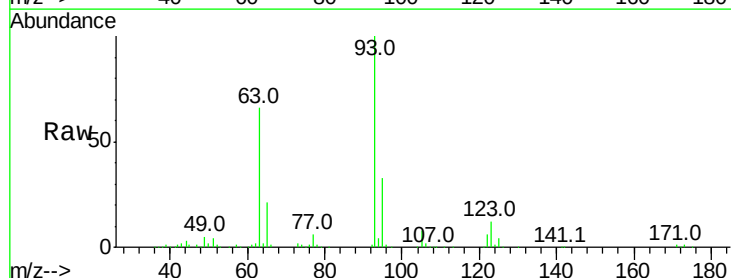
Manual Integrations
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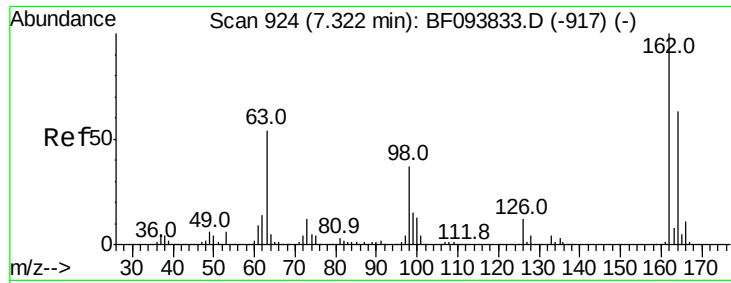
mohammad
3/29/2017 1:56:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.20 ng
RT: 7.15 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	597061		
95	32.9	26.5	39.7	
123	11.6	9.0	13.4	





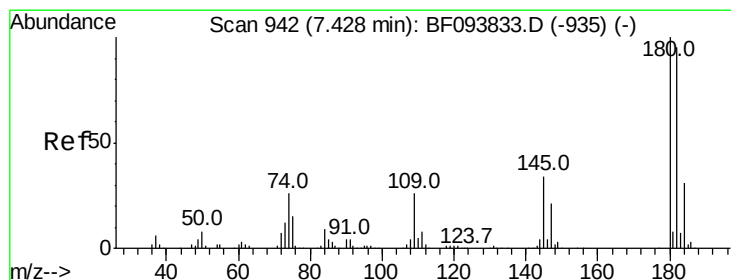
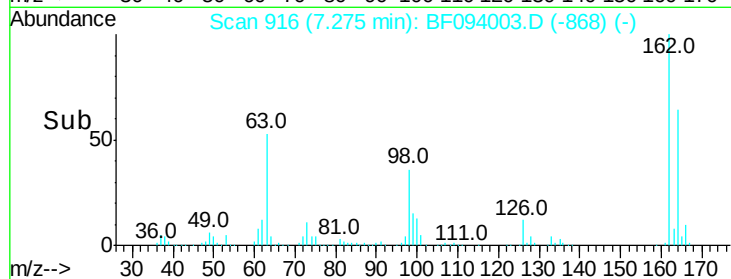
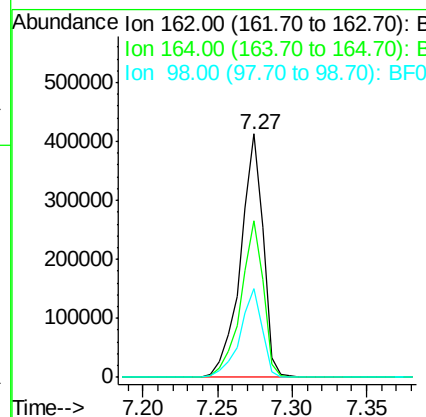
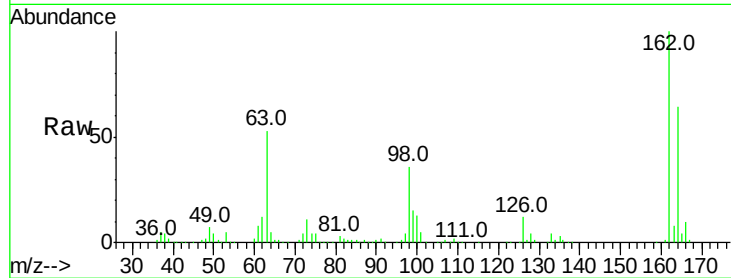
#29
2,4-Dichlorophenol
Concen: 47.19 ng
RT: 7.27 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampled :
PB97860BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	44.6	84.6
98	36.3	14.8	54.8

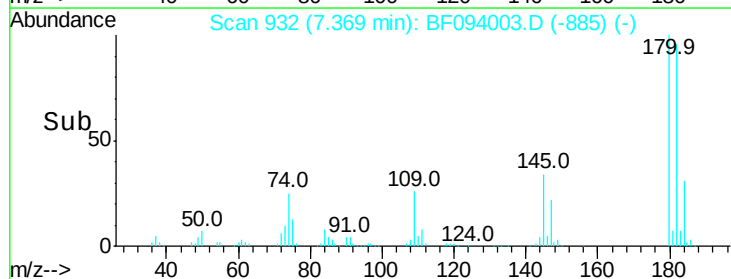
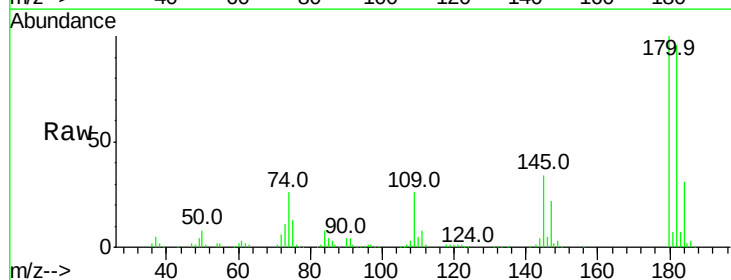
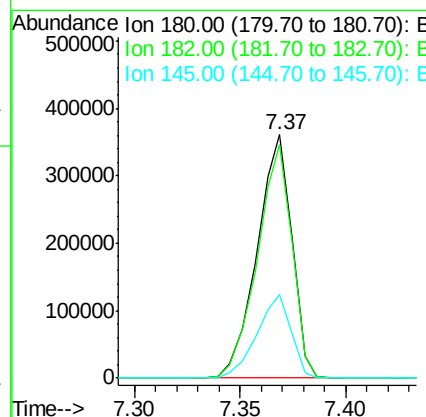
Manual Integrations
APPROVED

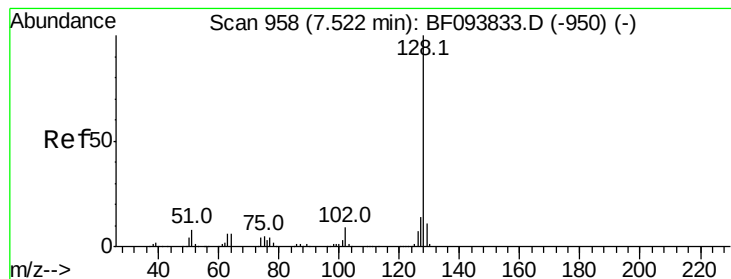
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.32 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	75.8	113.6
145	34.2	25.3	37.9





#31

Naphthalene

Concen: 41.62 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB97860BS

Tot Ion:128 Resp: 1394501

Ion Ratio Lower Upper

128 100

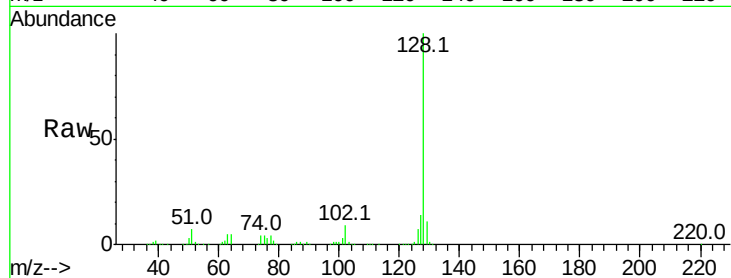
129 11.3 9.0 13.6

127 13.7 10.8 16.2

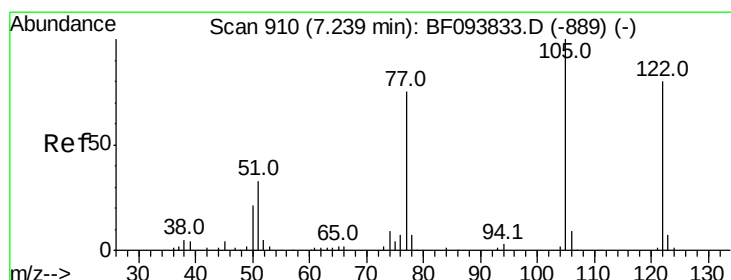
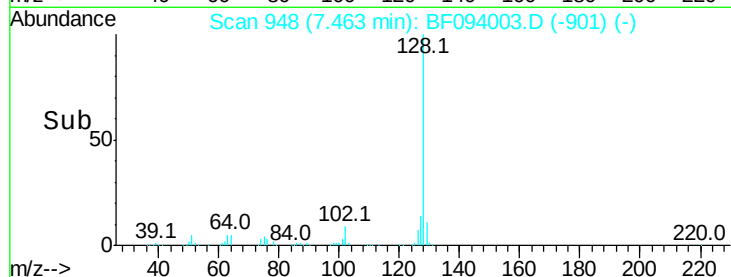
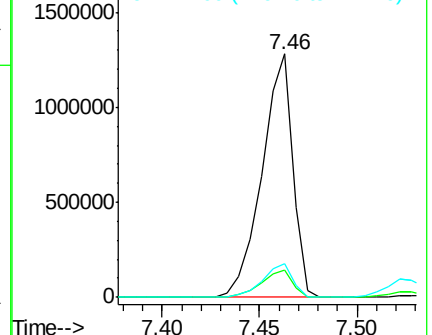
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.45 ng

RT: 7.22 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

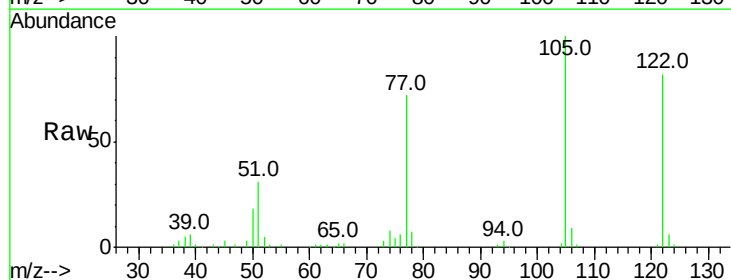
Tgt Ion:122 Resp: 332367

Ion Ratio Lower Upper

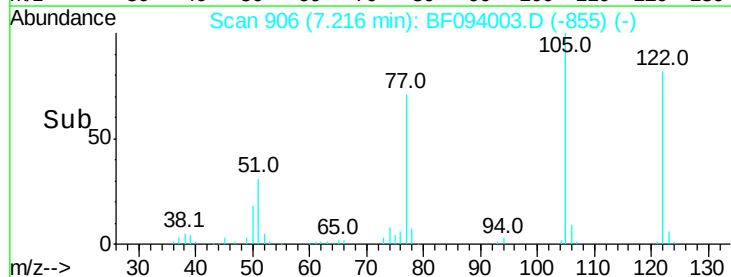
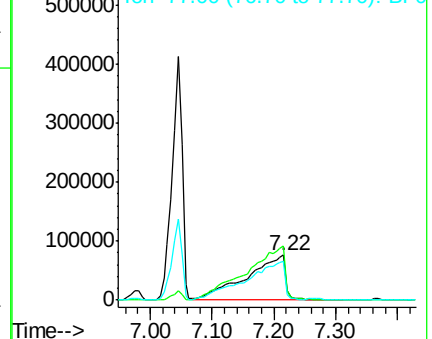
122 100

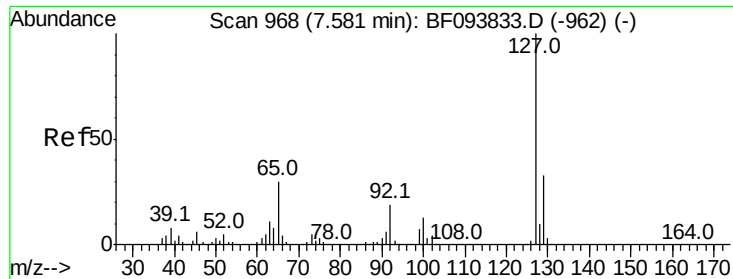
105 121.6 103.3 143.3

77 87.3 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





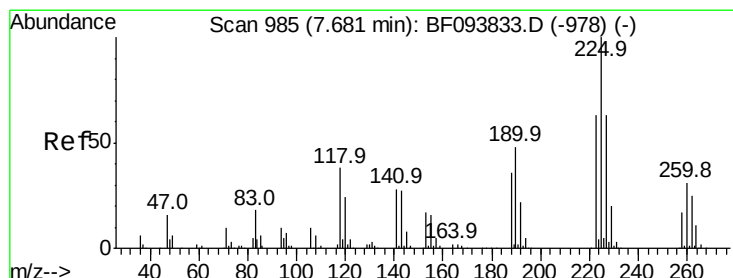
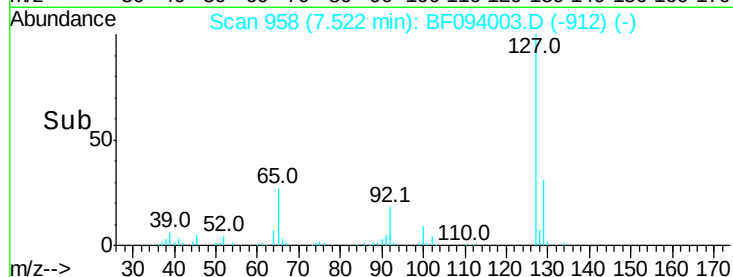
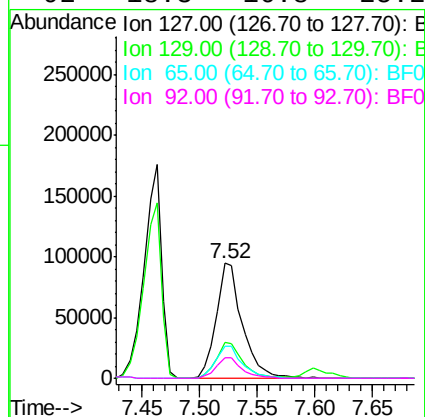
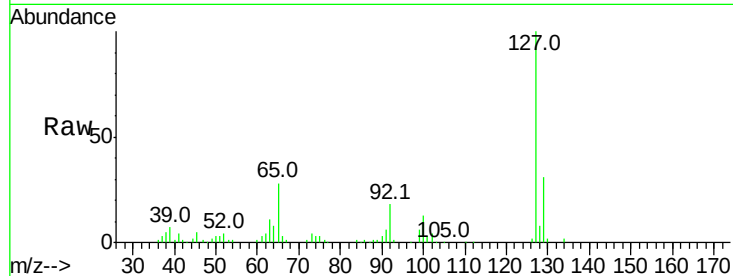
#33
4-Chloroaniline
Concen: 10.93 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.0	26.2	39.2
65	27.7	27.8	41.8
92	18.3	16.8	25.2

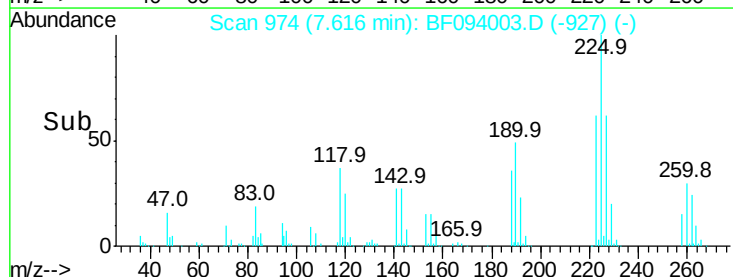
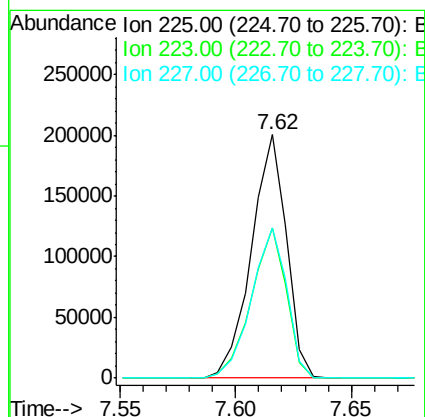
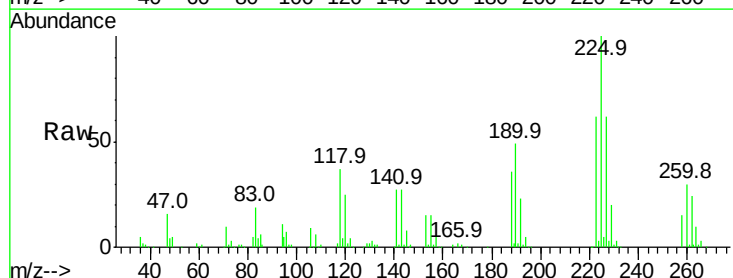
Manual Integrations
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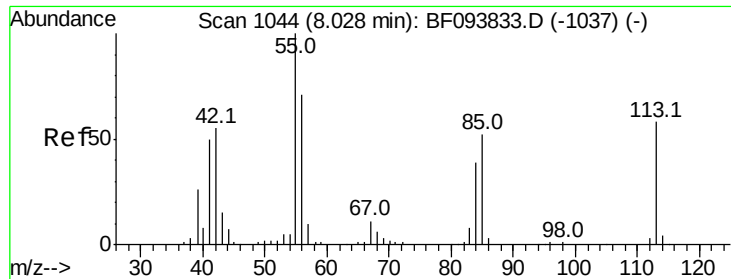
mohammad
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#34
Hexachlorobutadiene
Concen: 43.45 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.9	48.8	73.2
227	61.9	51.1	76.7





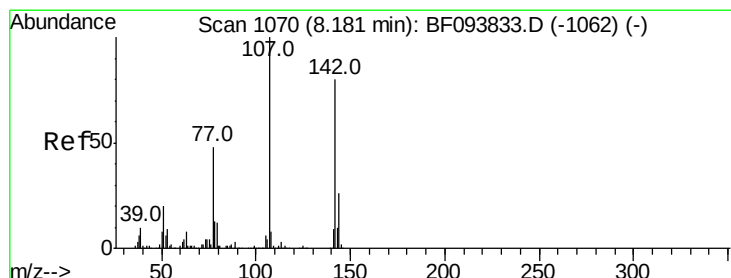
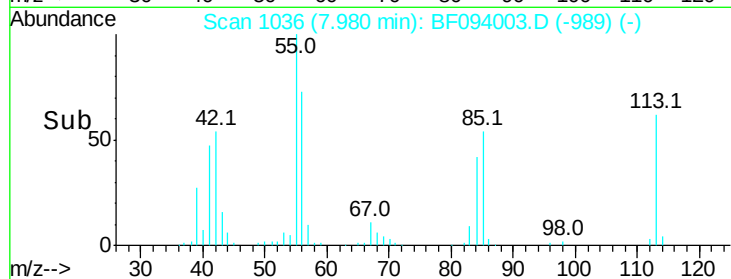
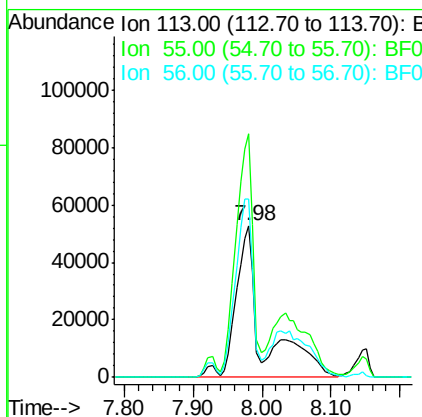
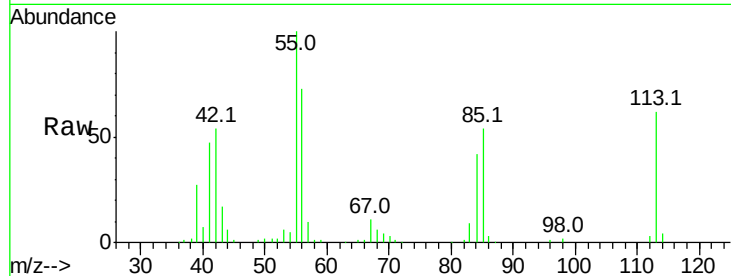
#35
 Caprolactam
 Concen: 49.03 ng/ml
 RT: 7.98 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :
 PB97860BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.3	150.2	190.2
56	117.4	107.8	147.8

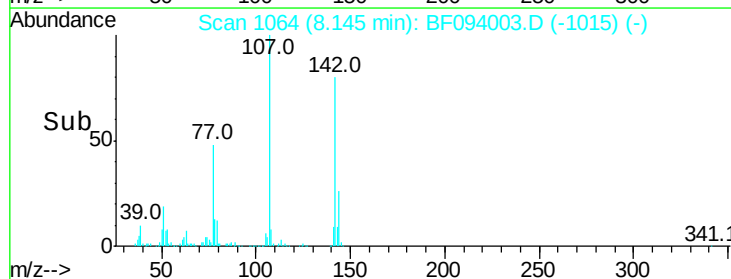
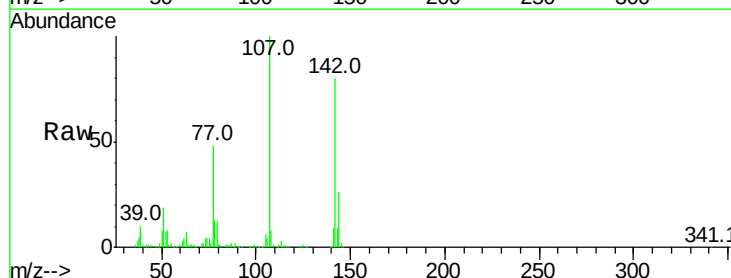
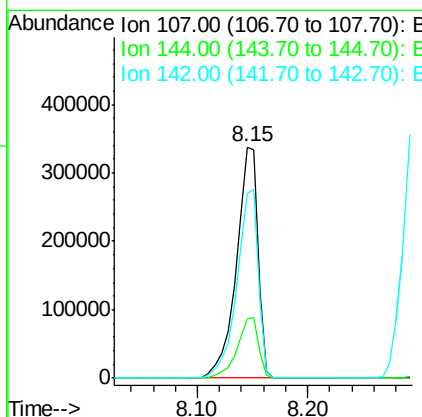
Manual Integrations
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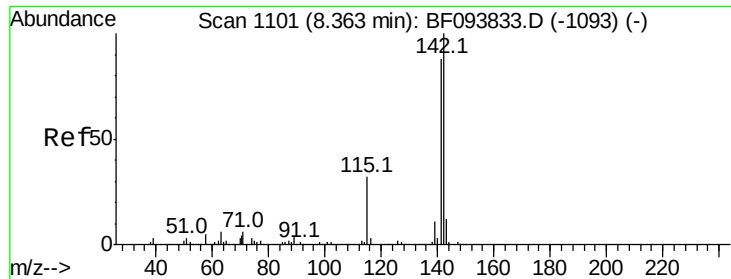
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.11 ng/ml
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	24.2	36.4
142	79.9	73.4	110.0





#37

2-Methylnaphthalene

Concen: 44.30 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

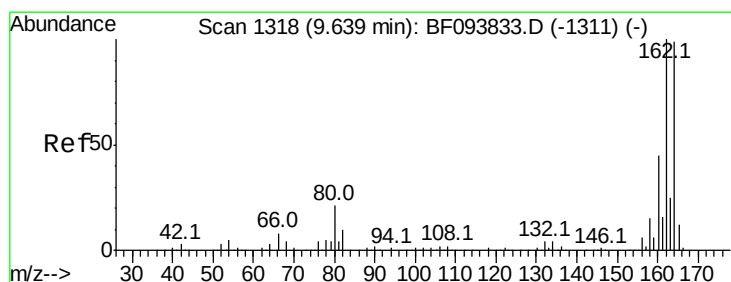
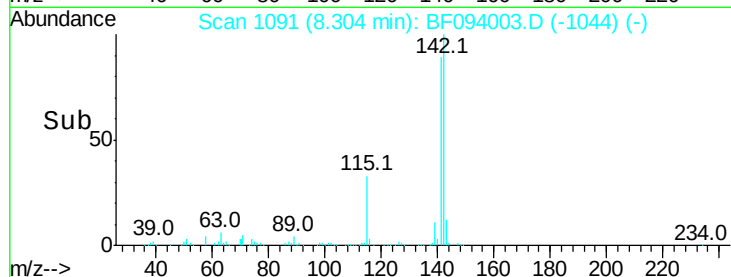
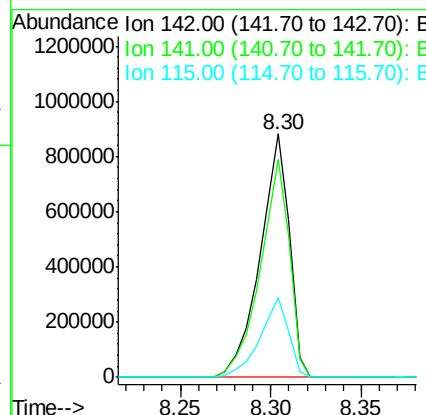
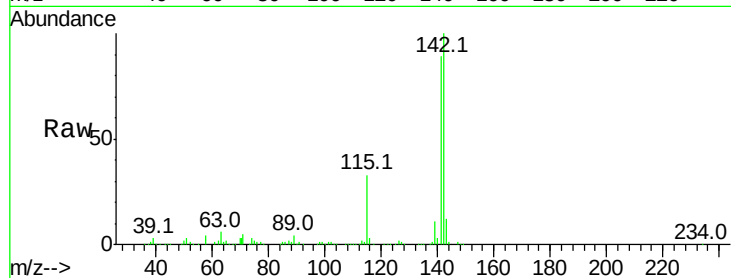
Instrument :
BNA_F

ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.6	27.1	40.7

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

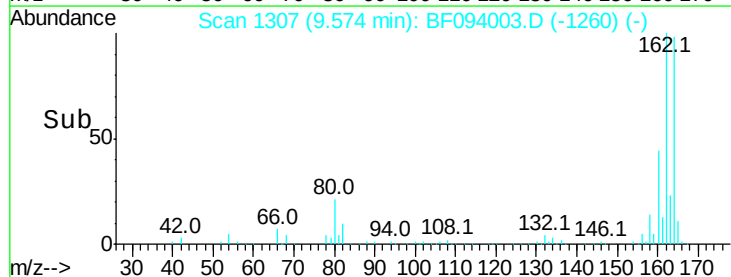
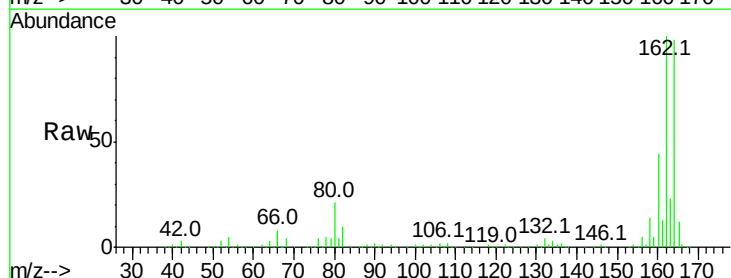
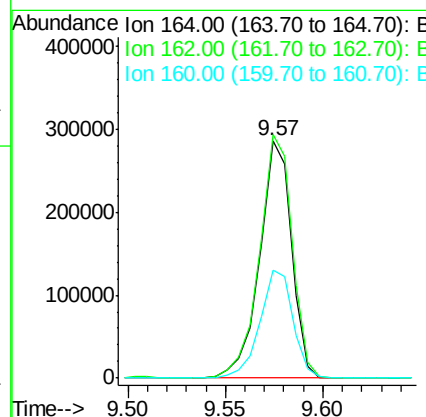
RT: 9.57 min Scan# 1307

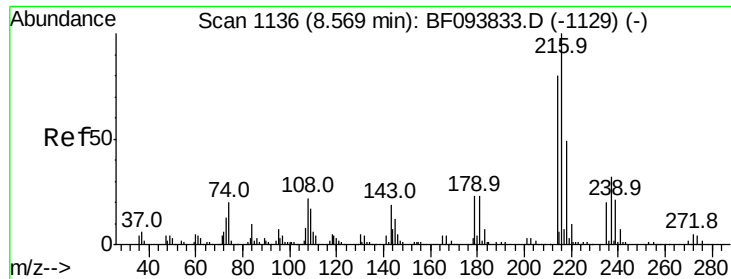
Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.2	36.2	54.2





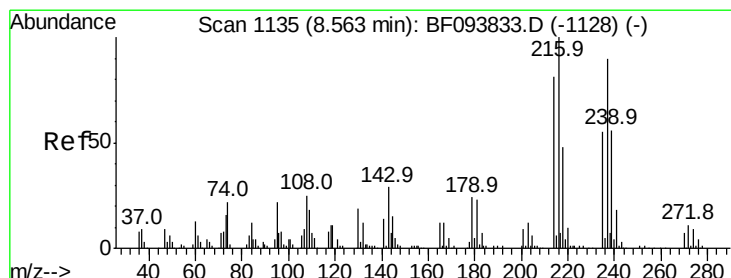
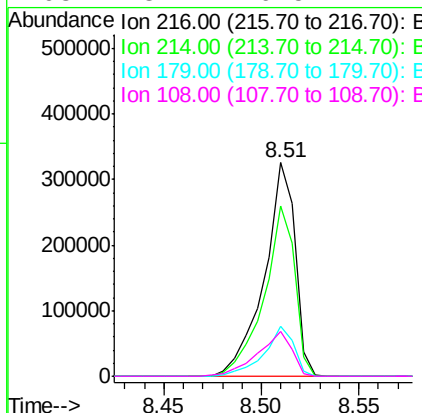
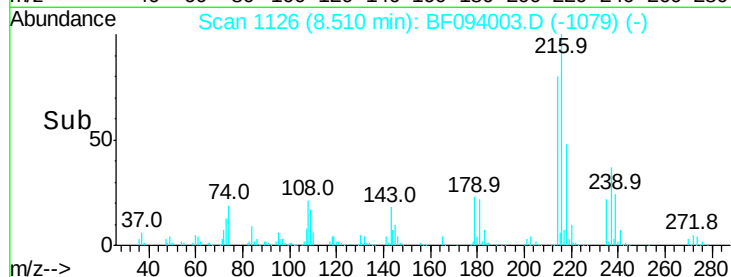
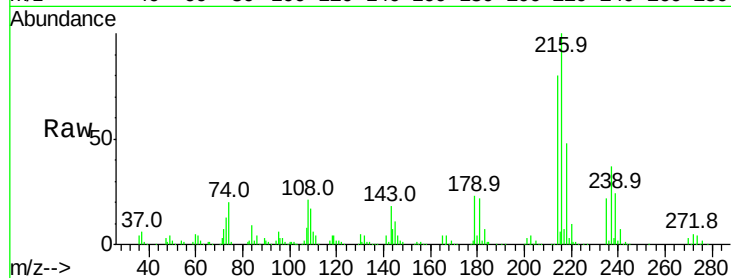
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.19 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.5	17.9	26.9
108	23.1	16.5	24.7

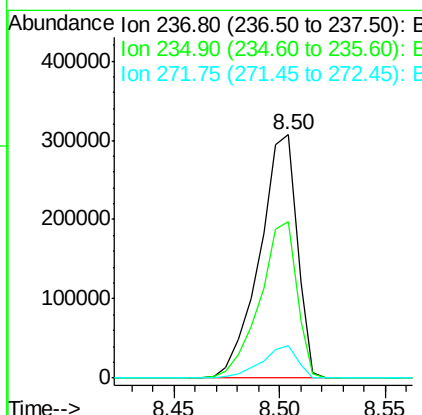
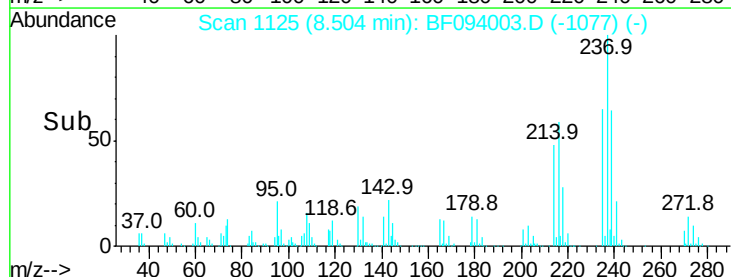
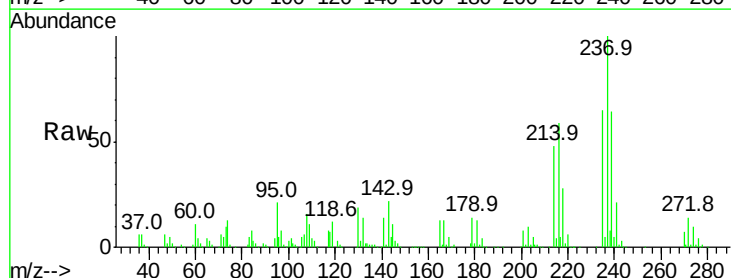
Manual Integrations
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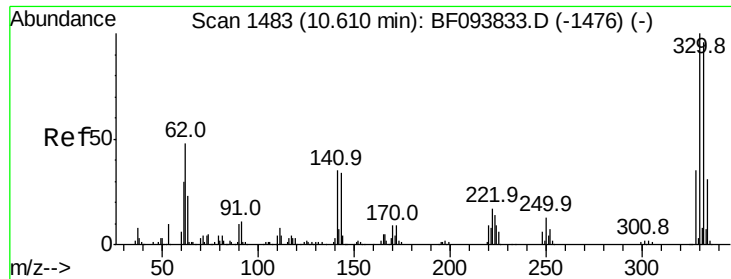
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 91.52 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.6	42.6	82.6
272	13.5	0.0	31.9





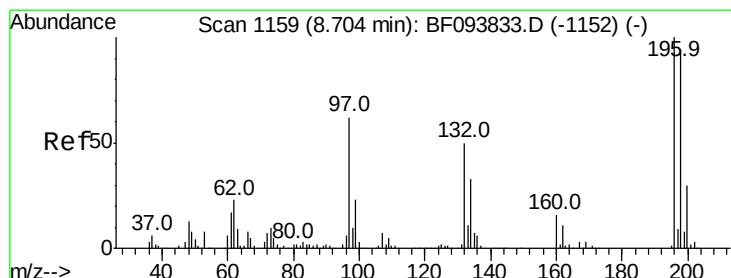
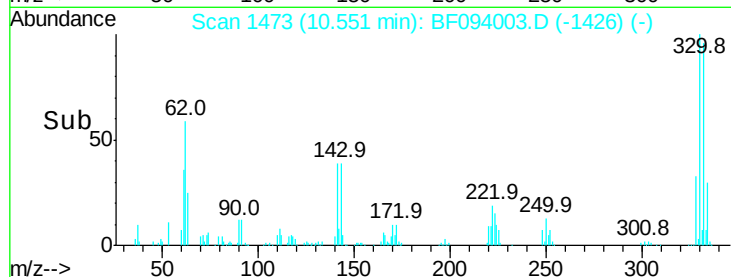
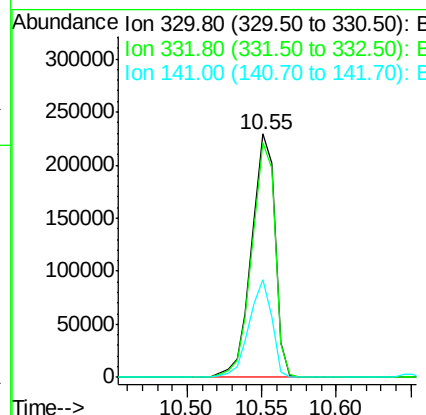
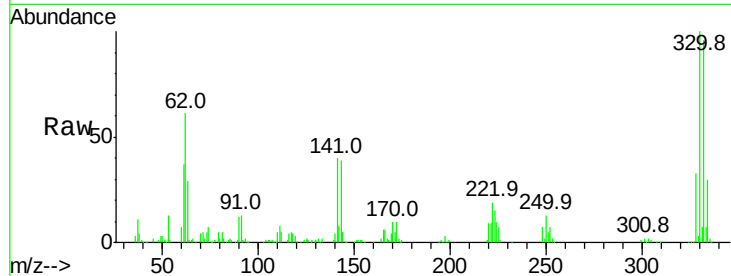
#41
 2,4,6-Tribromophenol
 Concen: 97.01 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	248868		
332	96.1	76.6	115.0	
141	39.2	31.4	47.2	

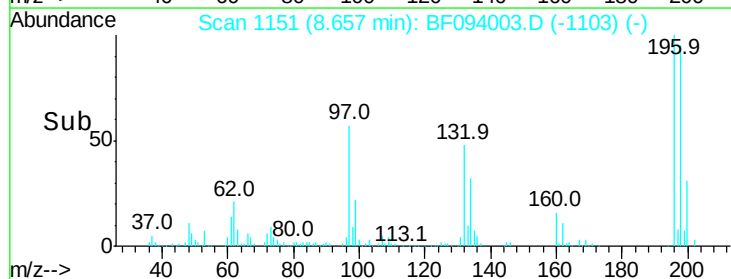
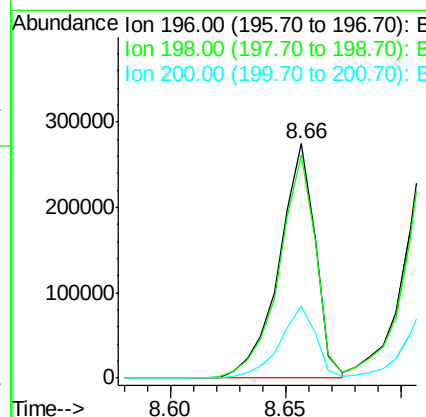
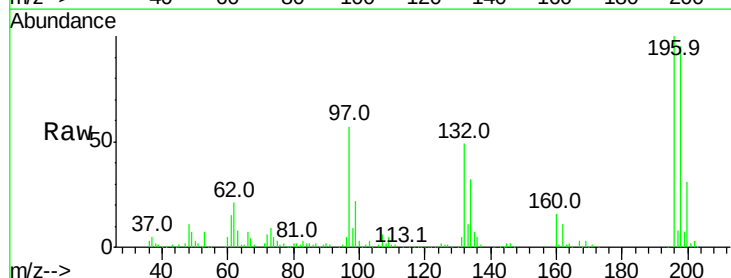
Manual Integrations
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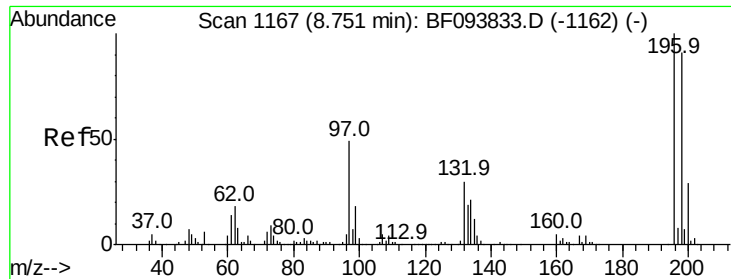
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 47.53 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298618		
198	95.5	74.2	111.4	
200	30.7	24.0	36.0	





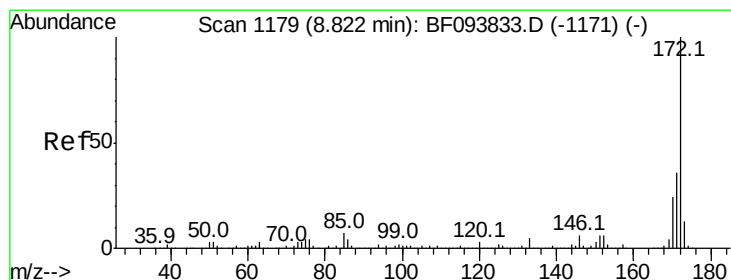
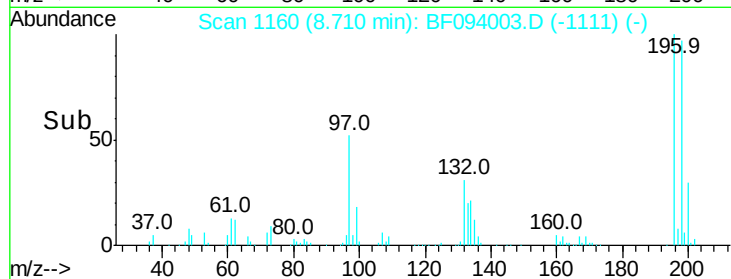
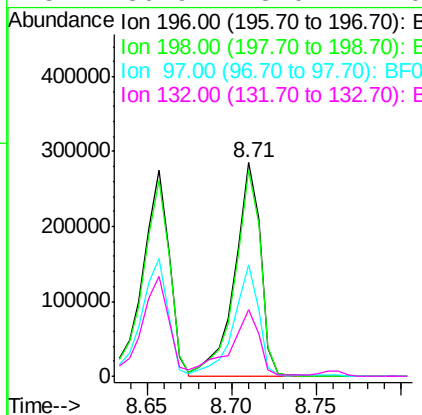
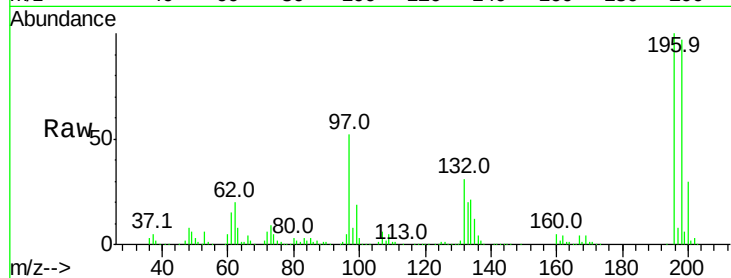
#43
 2,4,5-Trichlorophenol
 Concen: 44.76 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	304291		
198	96.6	75.7	113.5	
97	52.1	47.7	71.5	
132	30.9	28.0	42.0	

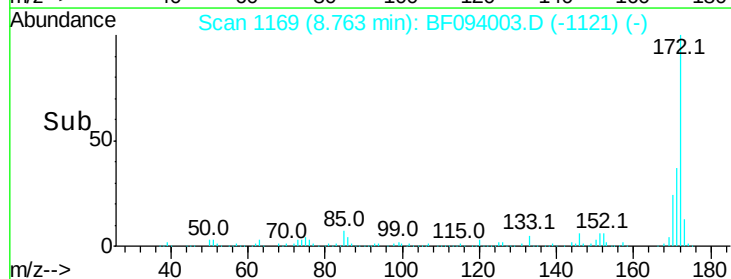
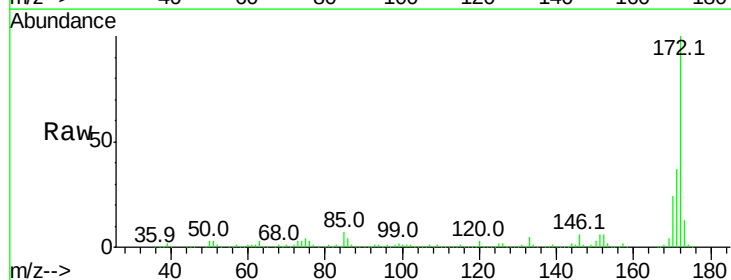
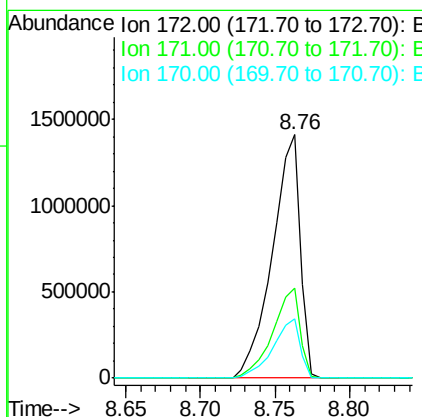
Manual Integrations
 APPROVED

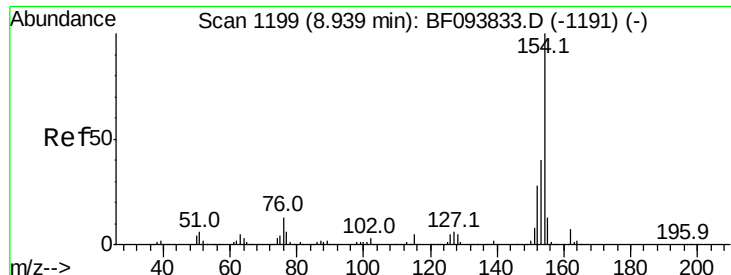
mohammad
 3/29/2017 1:56:53 PM



#44
 2-Fluorobiphenyl
 Concen: 86.61 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1843463		
171	37.2	29.6	44.4	
170	24.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 42.51 ng

RT: 8.88 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampled :

PB97860BS

Tot Ion:154 Resp: 1113158

Ion Ratio Lower Upper

154 100

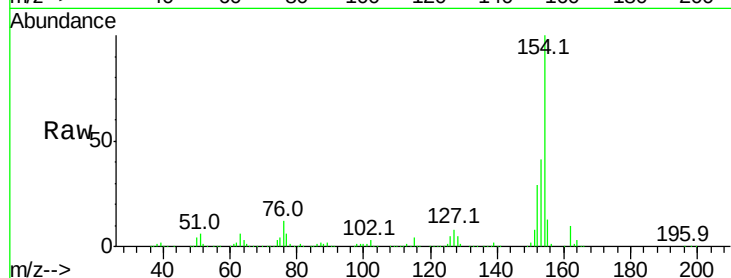
153 40.8 21.2 61.2

76 12.3 0.0 29.9

Manual Integrations
APPROVED

mohammad

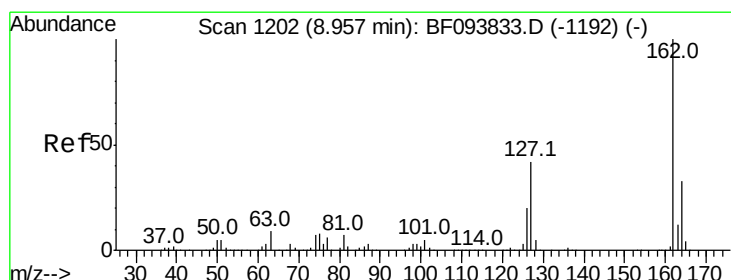
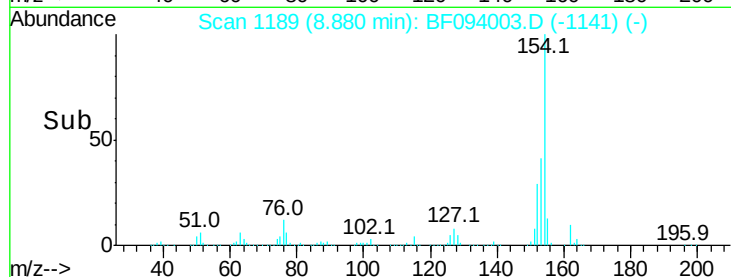
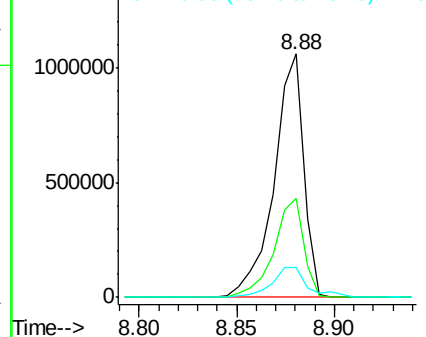
3/29/2017 1:56:53 PM



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: 42.95 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

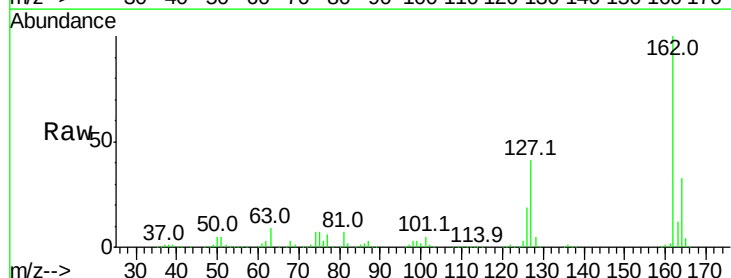
Tgt Ion:162 Resp: 880399

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

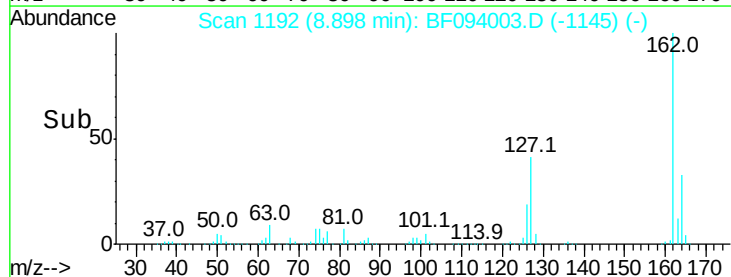
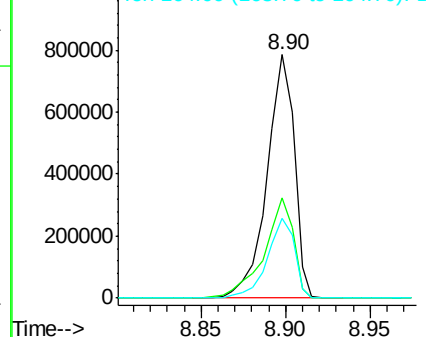
164 32.7 27.0 40.4

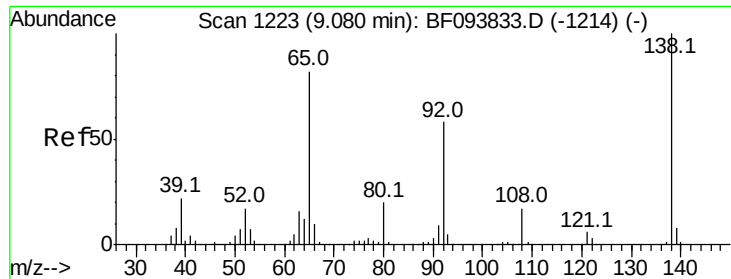


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





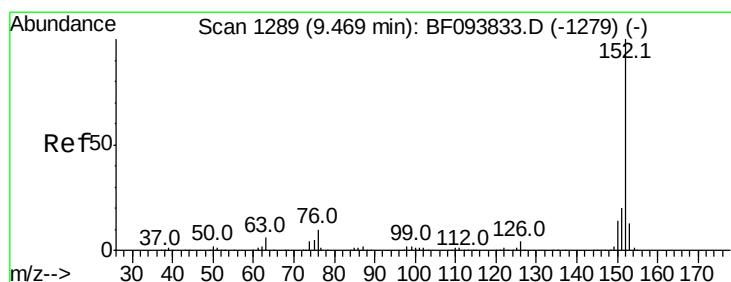
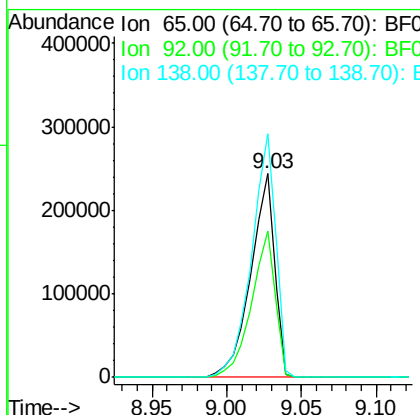
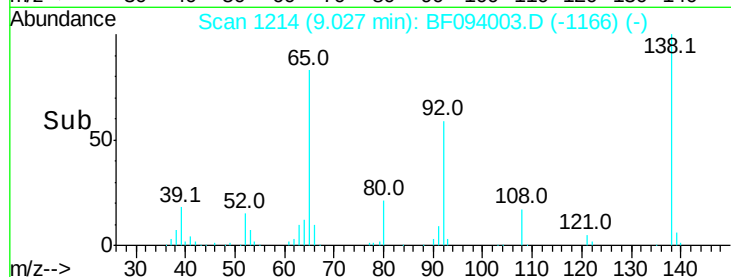
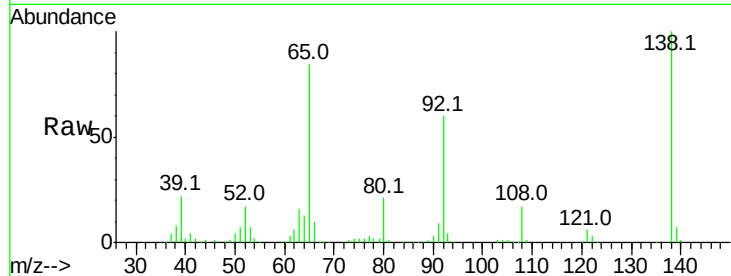
#47
2-Nitroaniline
Concen: 44.24 ng
RT: 9.03 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.9	80.9
138	119.5	78.8	118.2#

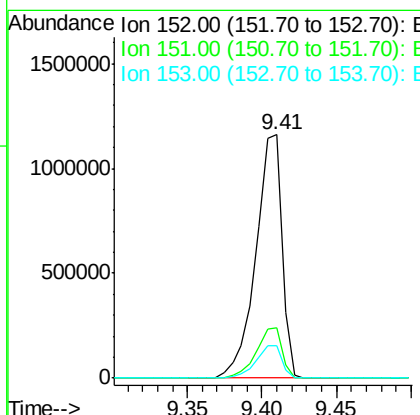
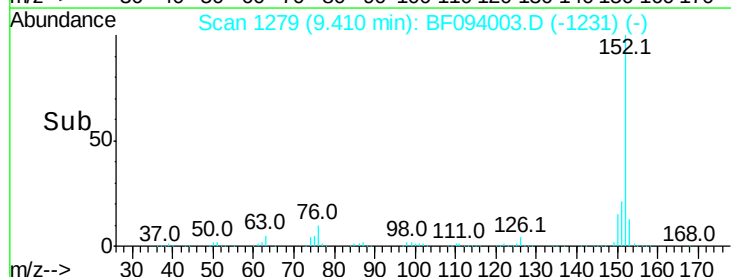
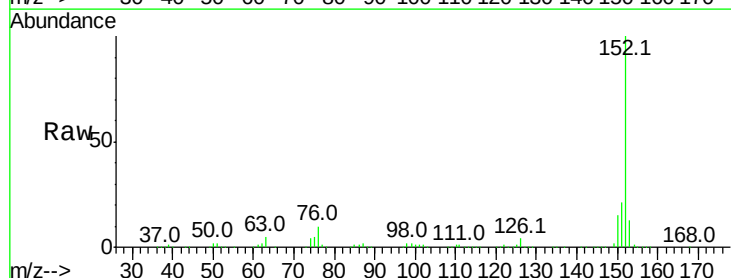
Manual Integrations
APPROVED

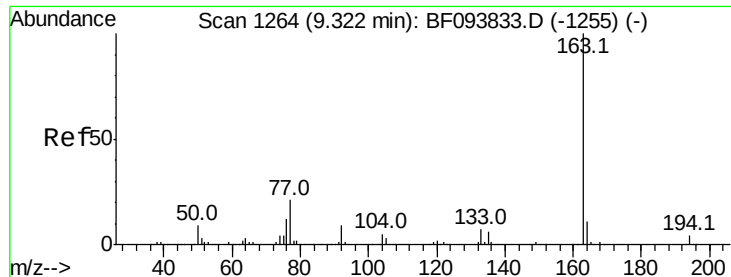
mohammad
3/29/2017 1:56:53 PM



#48
Acenaphthylene
Concen: 41.02 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.3	10.8	16.2





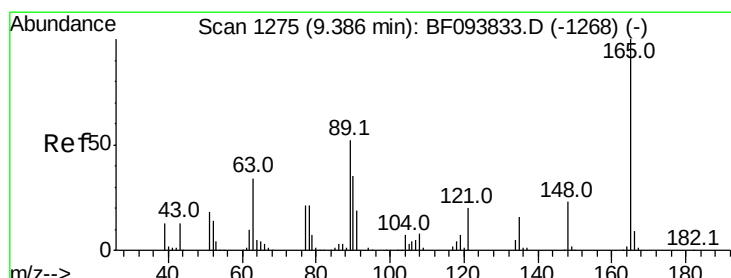
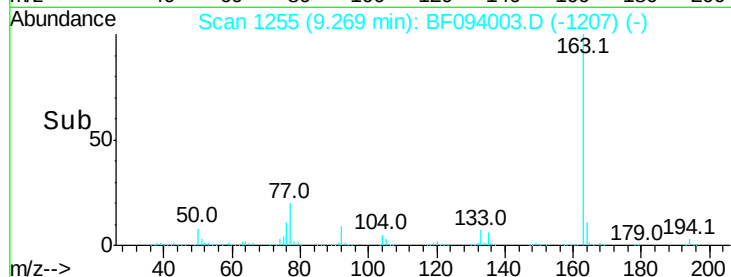
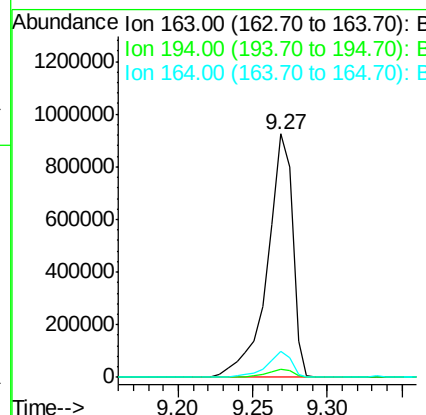
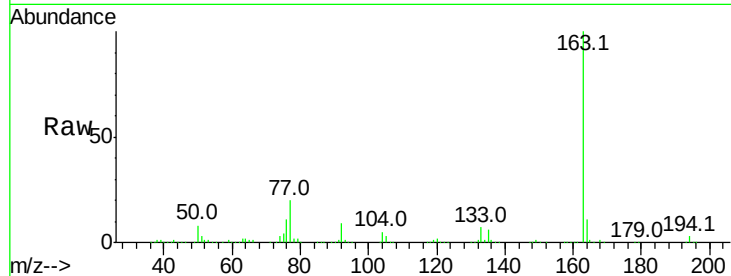
#49
Dimethylphthalate
Concen: 46.73 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.5	8.4	12.6

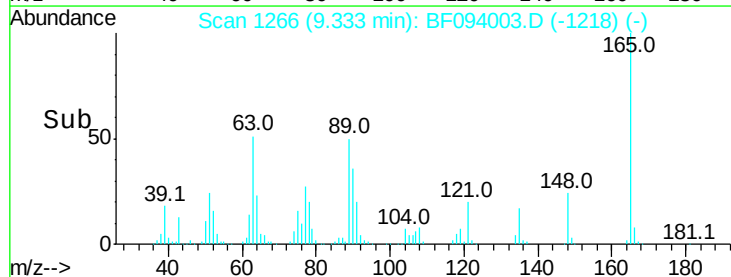
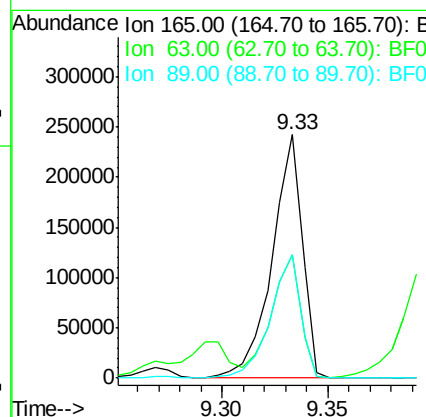
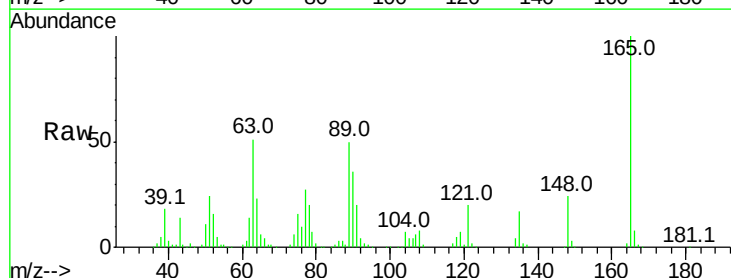
Manual Integrations
APPROVED

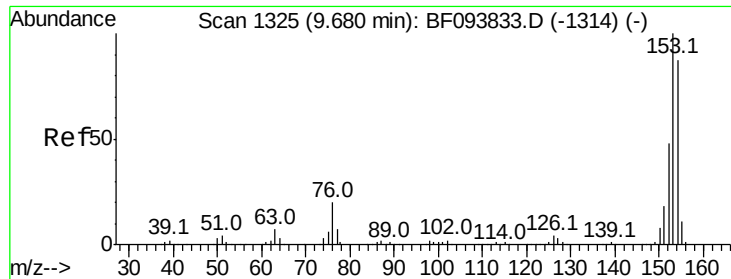
mohammad
3/29/2017 1:56:53 PM



#50
2,6-Dinitrotoluene
Concen: 45.73 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.9	34.3	51.5
89	50.4	37.1	55.7





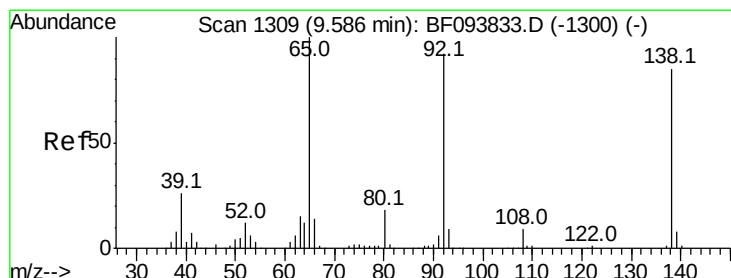
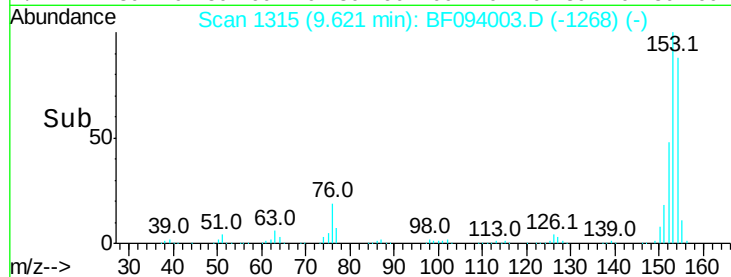
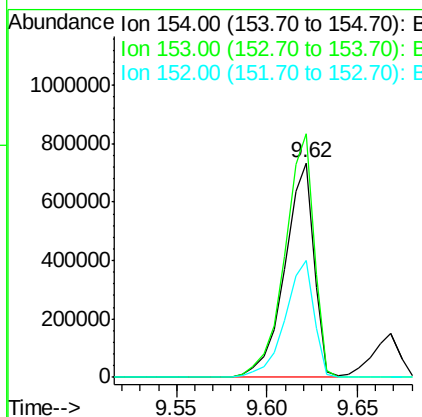
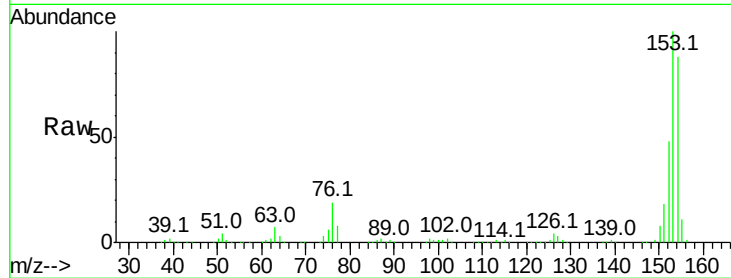
#51
Acenaphthene
Concen: 41.71 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.5	135.7
152	54.4	43.6	65.4

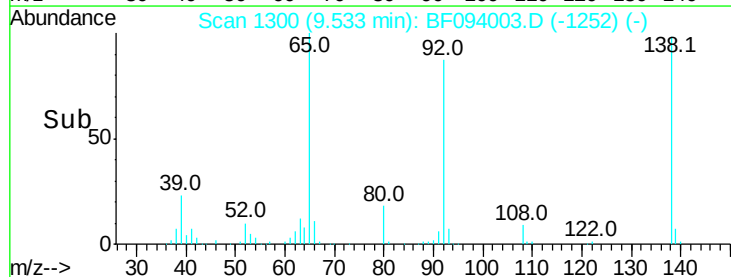
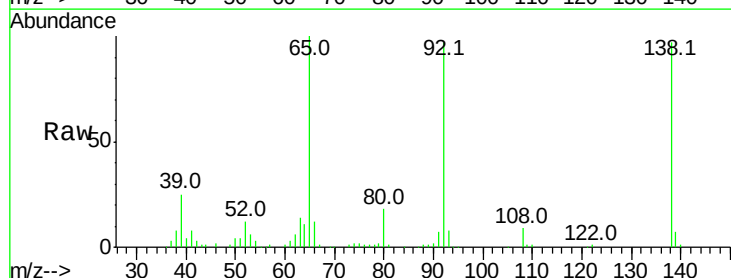
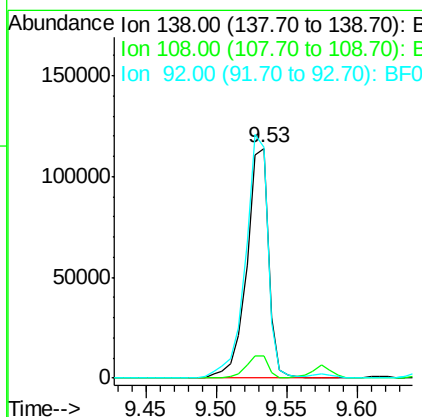
Manual Integrations
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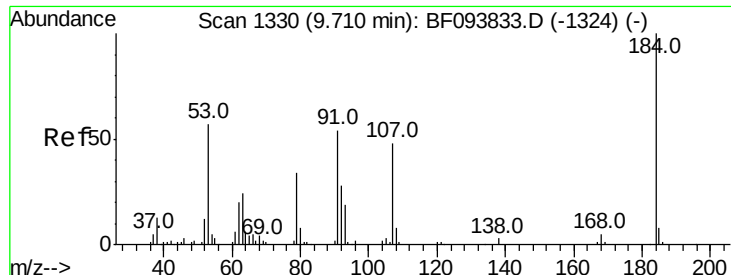
mohammad
3/29/2017 1:56:53 PM



#52
3-Nitroaniline
Concen: 20.04 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.1	13.7
92	100.4	93.8	140.6





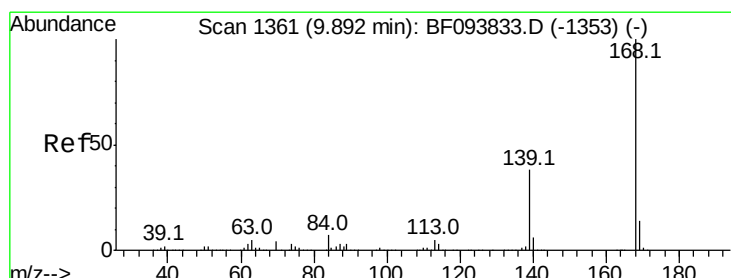
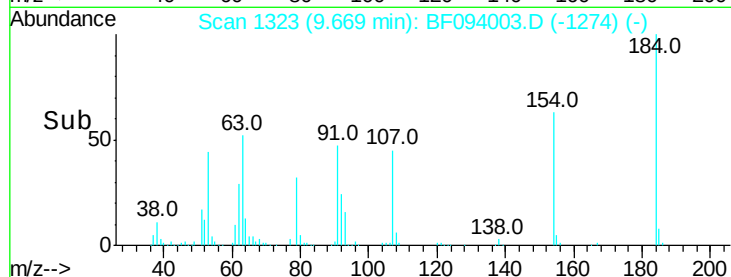
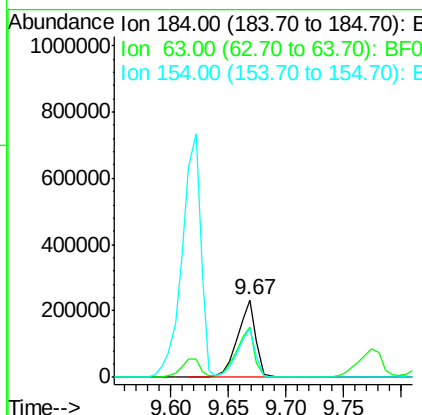
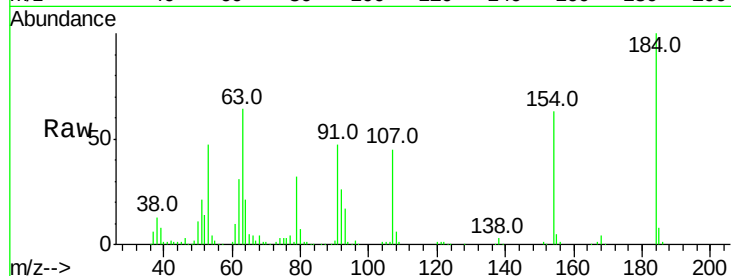
#53
 2,4-Dinitrophenol
 Concen: 89.85 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	256080		
63	64.0		62.7	94.1
154	63.4		81.1	121.7#

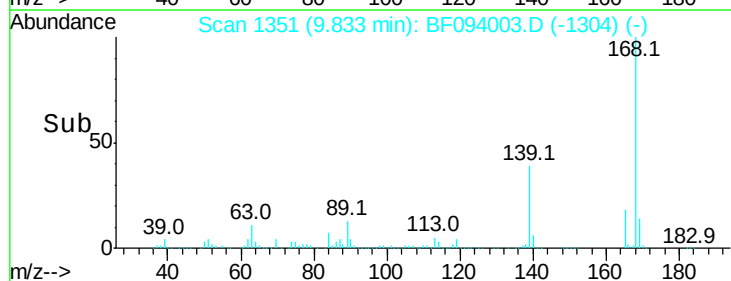
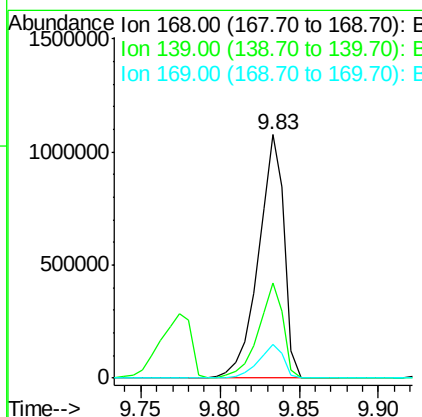
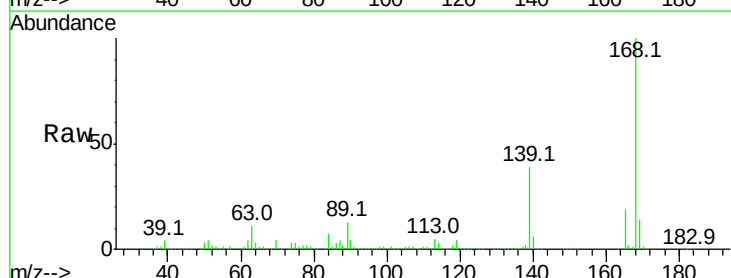
Manual Integrations
 APPROVED

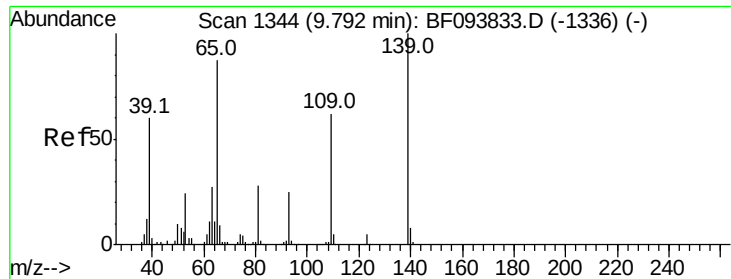
mohammad
 3/29/2017 1:56:53 PM



#54
 Dibenzofuran
 Concen: 44.75 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1210787		
139	39.2		30.6	45.8
169	13.8		10.8	16.2





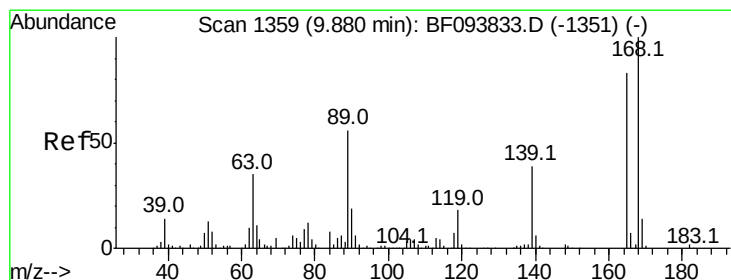
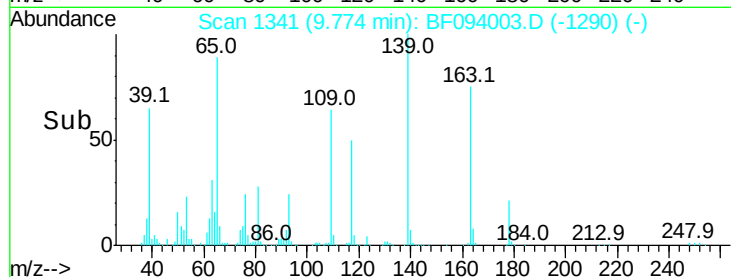
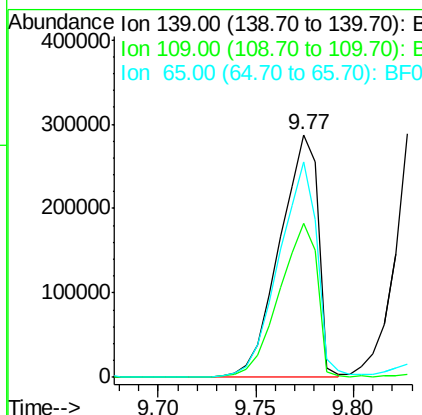
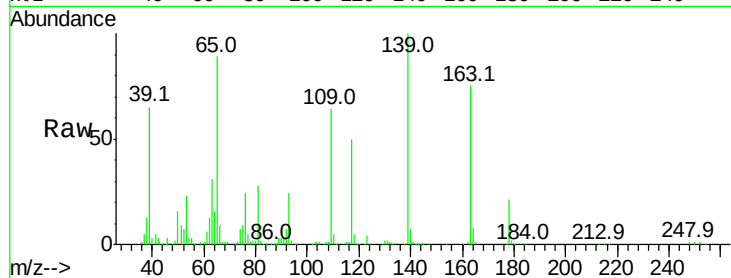
#55
4-Nitrophenol
Concen: 80.29 ng
RT: 9.77 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.7	34.1	74.1	
65	89.2	31.4	71.4	

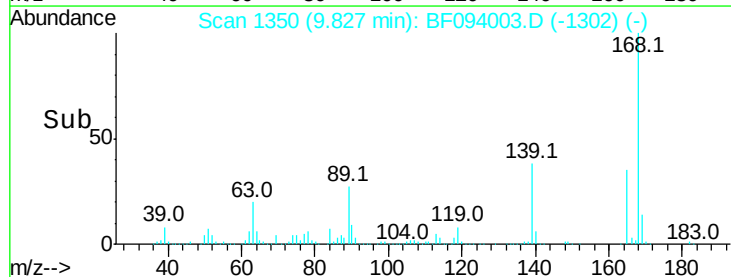
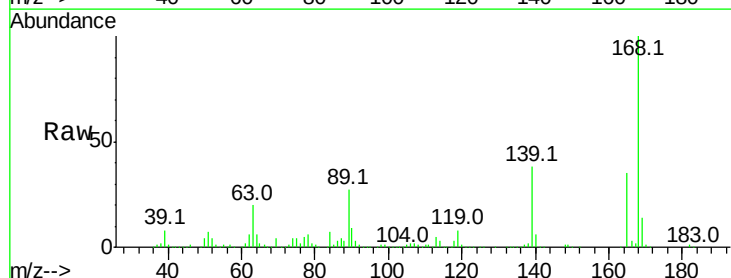
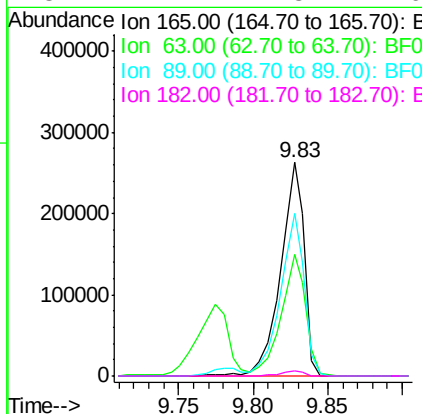
Manual Integrations
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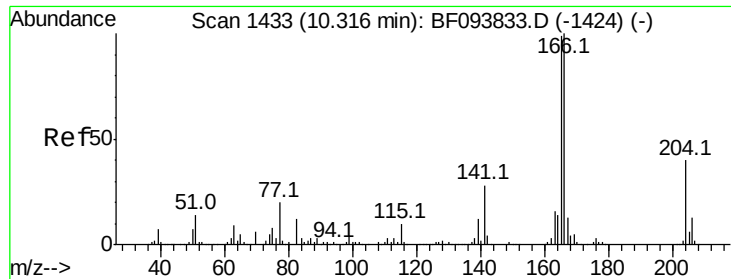
mohammad
3/29/2017 1:56:53 PM



#56
2,4-Dinitrotoluene
Concen: 44.12 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.8	25.4	38.0	
89	76.4	46.4	69.6	
182	2.4	1.8	2.6	





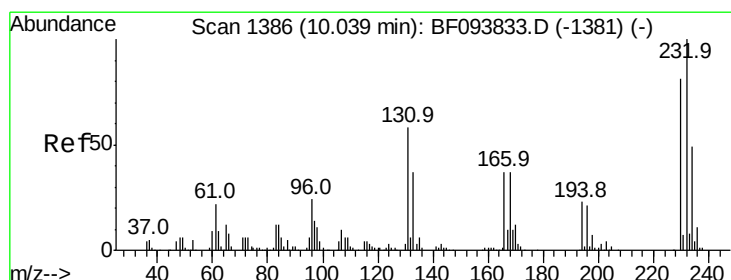
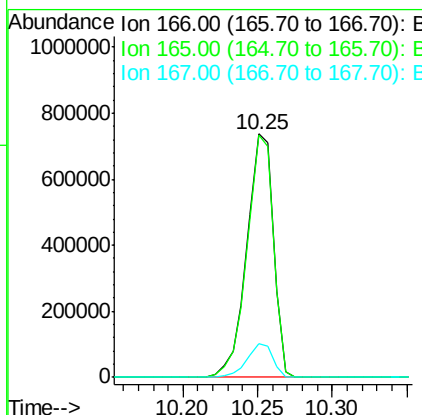
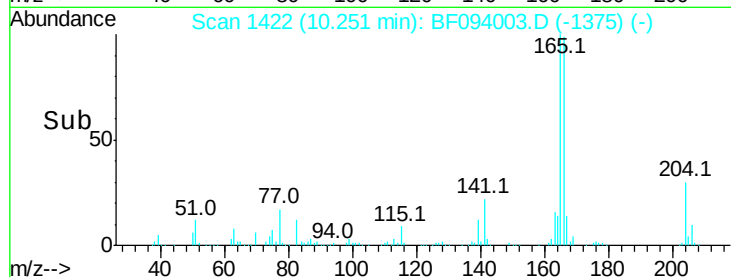
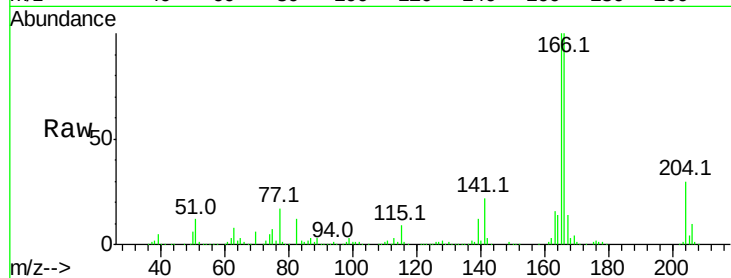
#57
Fluorene
 Concen: 40.35 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleID :
 PB97860BS

Tot Ion:	166	Resp:	905506
Ion Ratio	Lower	Upper	
166	100		
165	99.5	78.8	118.2
167	14.0	10.6	16.0

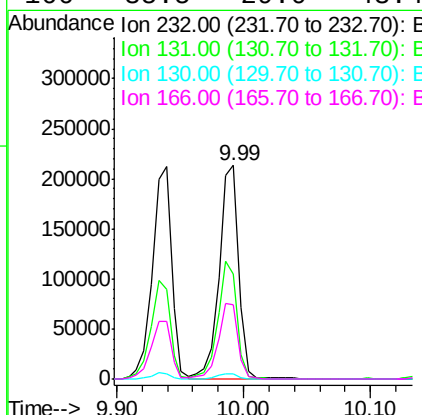
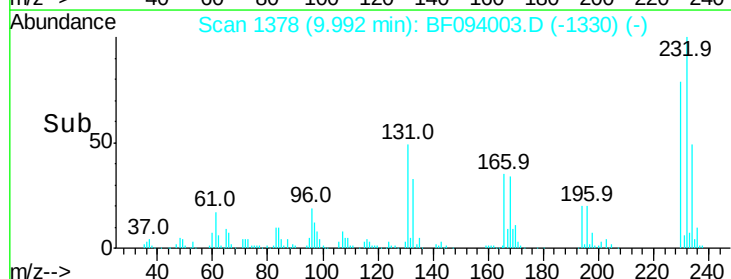
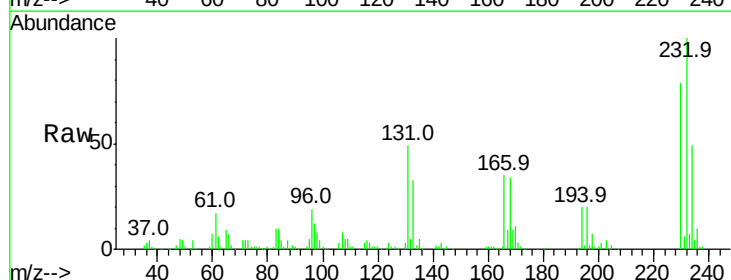
Manual Integrations
 APPROVED

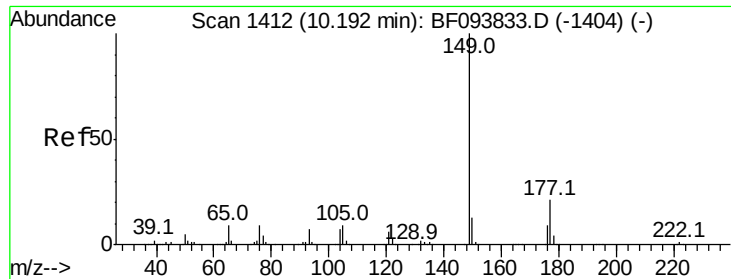
mohammad
 3/29/2017 1:56:53 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.37 ng
 RT: 9.99 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:	232	Resp:	230329
Ion Ratio	Lower	Upper	
232	100		
131	53.9	44.8	67.2
130	2.7	2.3	3.5
166	35.5	29.0	43.4





#59

Diethylphthalate

Concen: 45.60 ng

RT: 10.14 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB97860BS

Tot Ion:149 Resp: 1039960

Ion Ratio Lower Upper

149 100

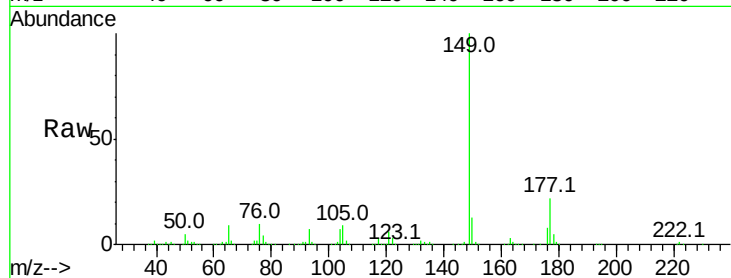
177 22.2 16.7 25.1

150 12.6 10.2 15.2

Manual Integrations
APPROVED

mohammad

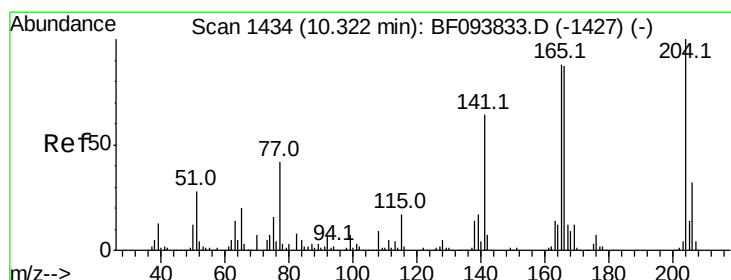
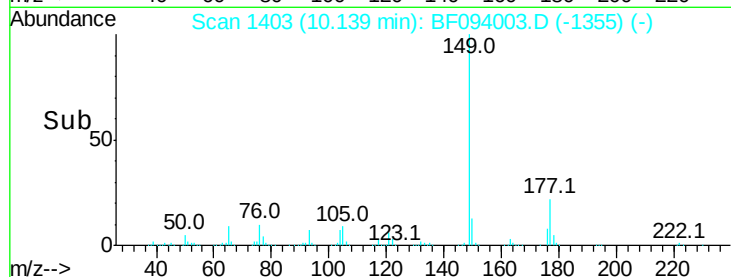
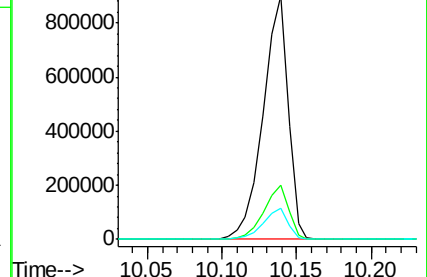
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.88 ng

RT: 10.26 min Scan# 1423

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

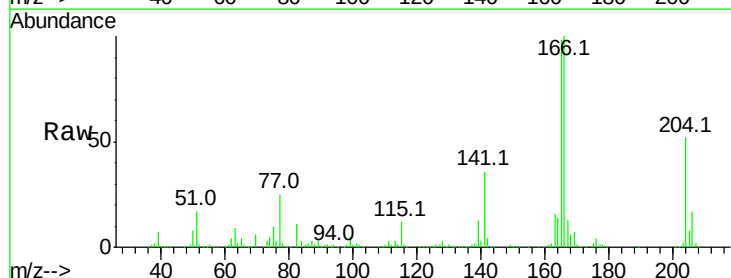
Tgt Ion:204 Resp: 390780

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

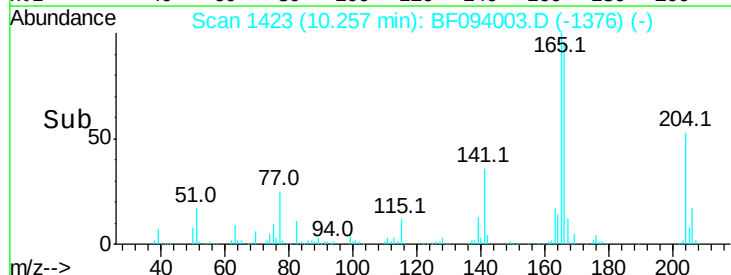
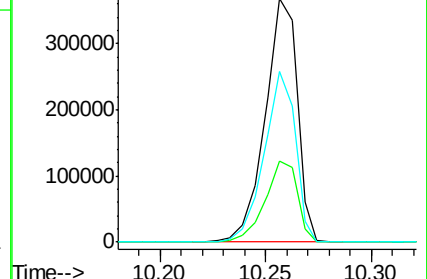
141 70.0 60.8 91.2

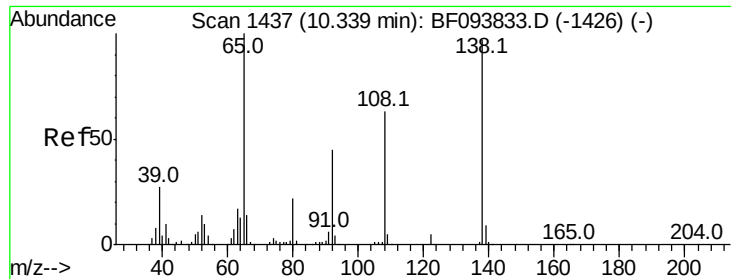


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





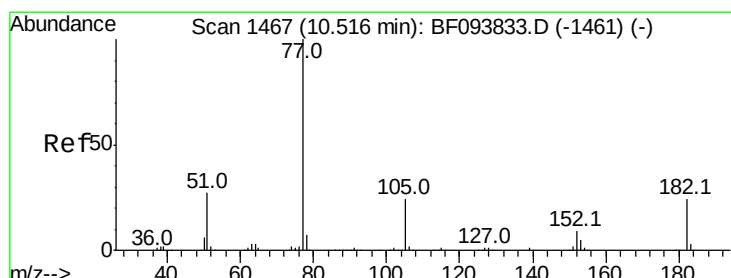
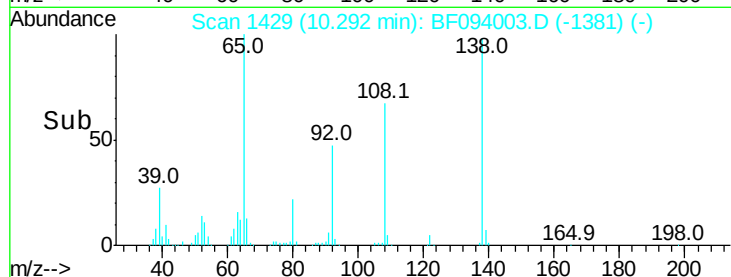
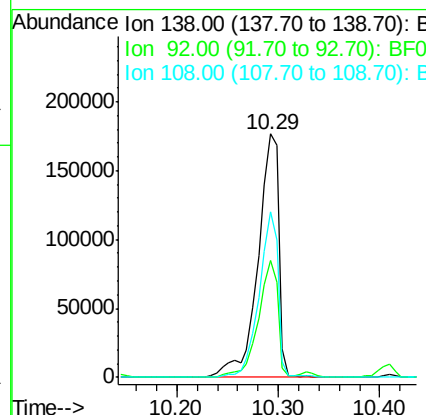
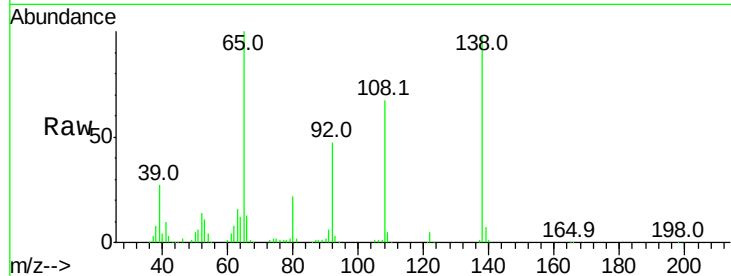
#61
4-Nitroaniline
Concen: 42.31 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	21.8	61.8
108	67.9	42.3	82.3

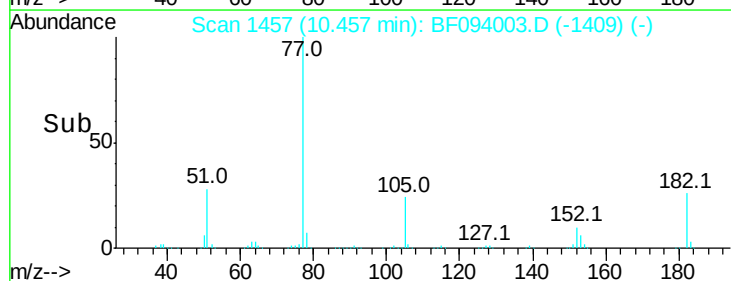
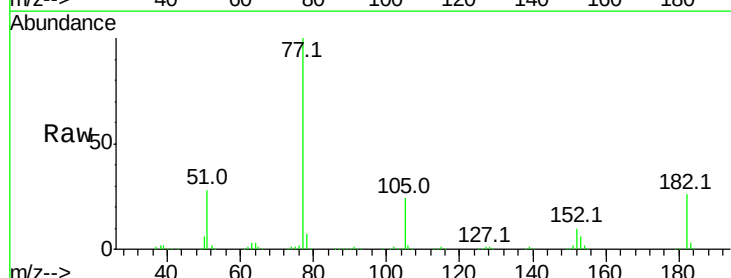
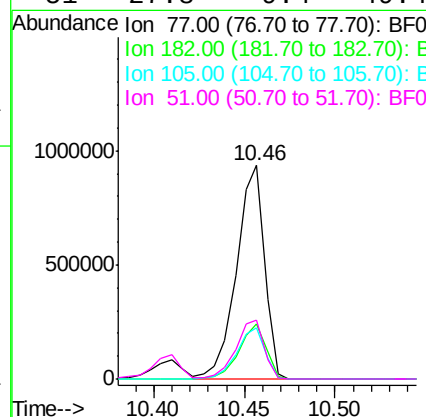
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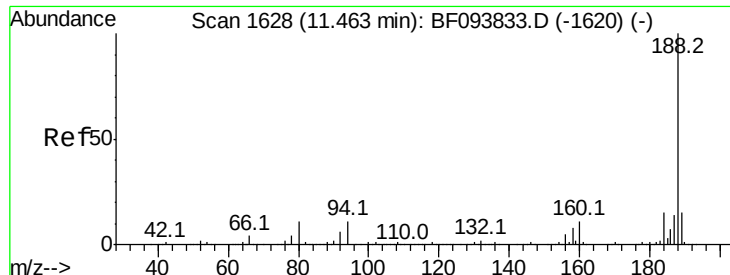
mohammad
3/29/2017 1:56:53 PM



#62
Azobenzene
Concen: 46.53 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	0.1	40.1
105	24.0	3.6	43.6
51	27.8	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

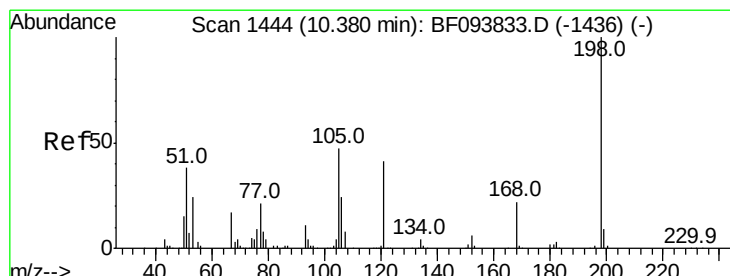
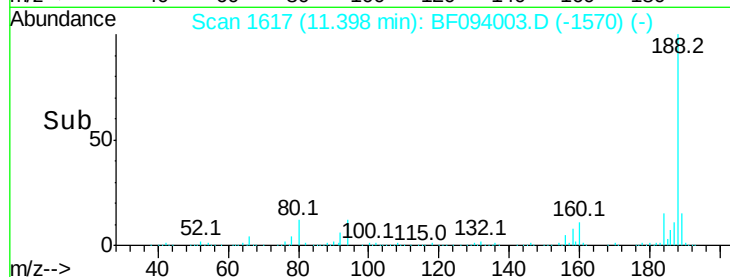
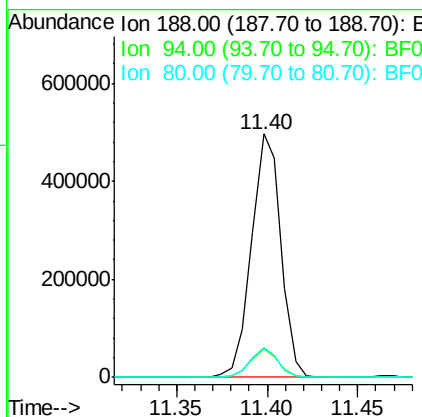
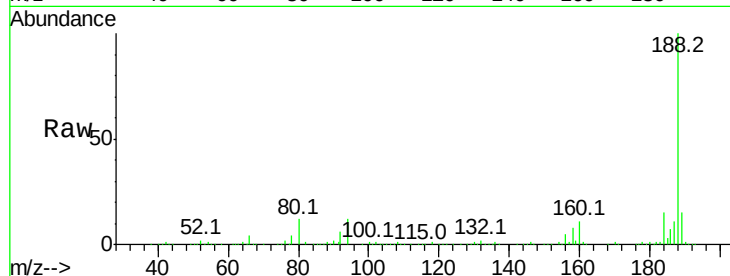
ClientSampleId :

PB97860BS

Tot Ion	188	Resp	558347
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	12.1	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.36 ng

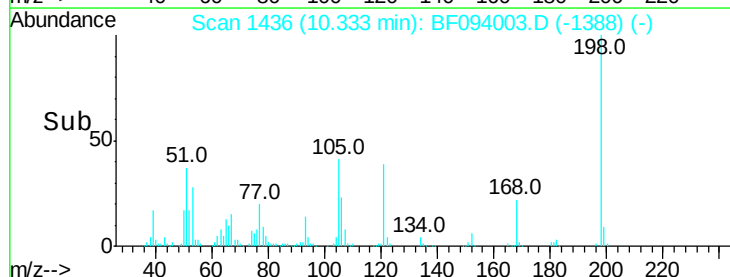
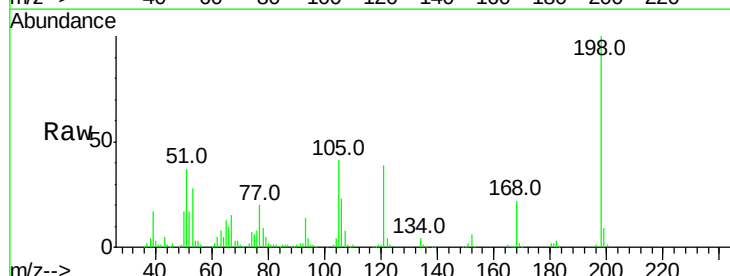
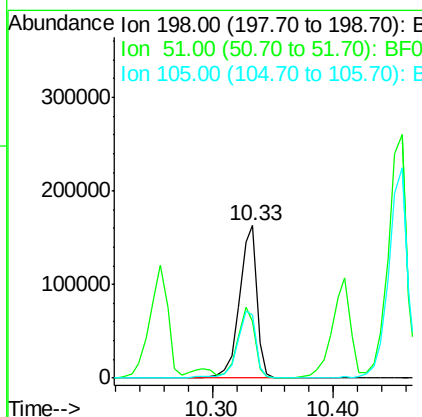
RT: 10.33 min Scan# 1436

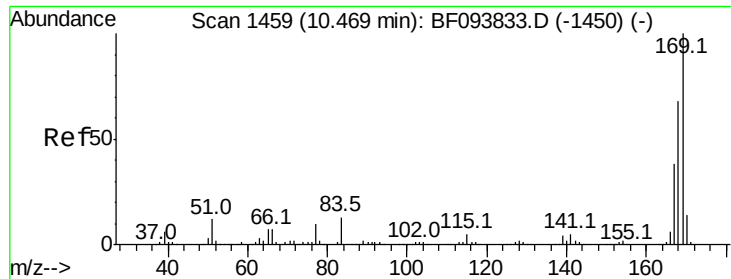
Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion	198	Resp	165360
Ion Ratio	Lower	Upper	
198	100		
51	37.4	53.2	93.2#
105	41.2	45.8	85.8#





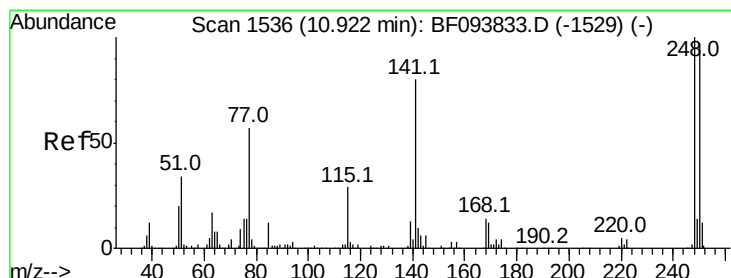
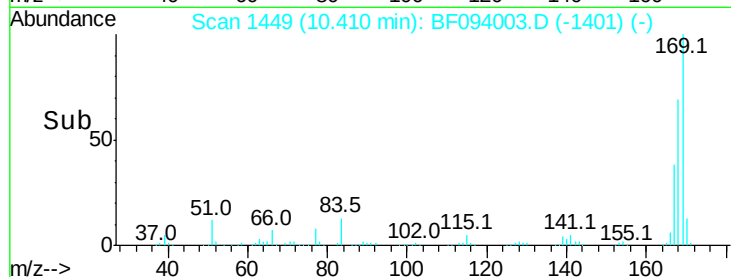
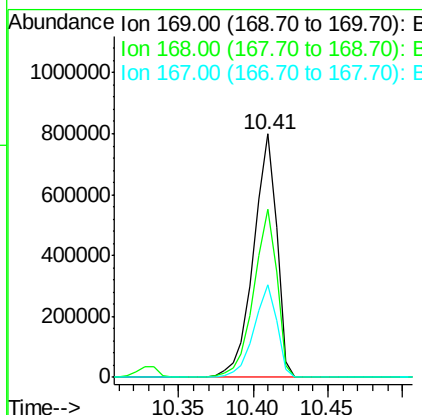
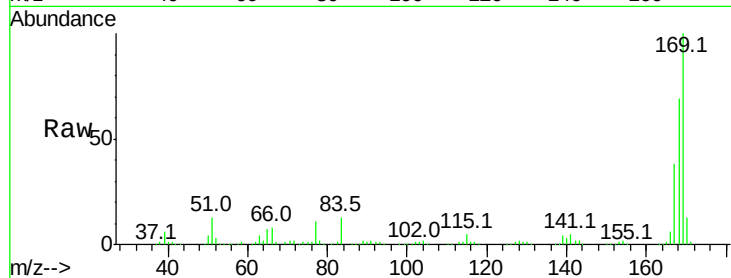
#65
 n-Nitrosodiphenylamine
 Concen: 44.41 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :
 PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	857492		
168	69.1	53.2	79.8	
167	38.0	29.5	44.3	

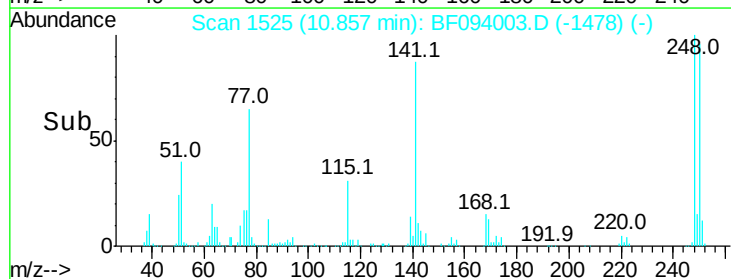
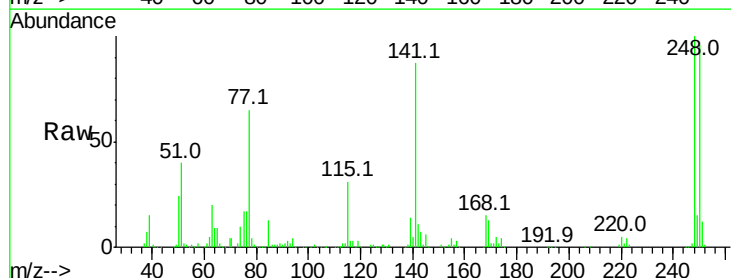
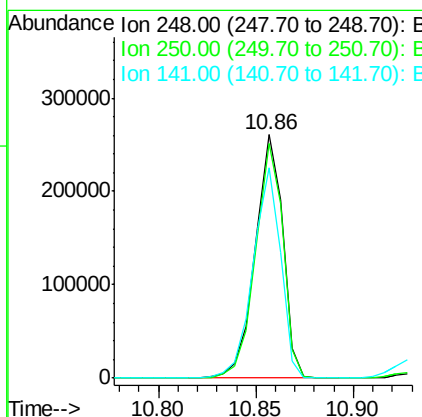
Manual Integrations
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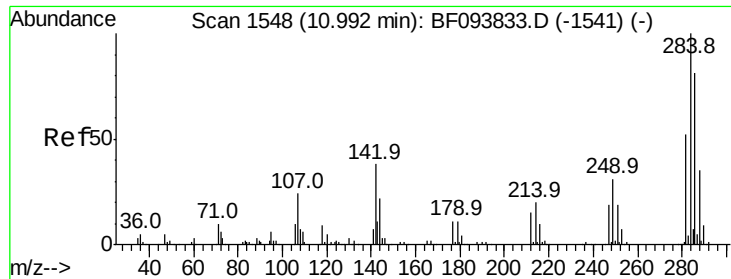
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 46.61 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	255938		
250	96.2	76.8	115.2	
141	86.6	68.6	103.0	





#67

Hexachlorobenzene

Concen: 45.91 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB97860BS

Tot Ion:284 Resp: 255198

Ion Ratio Lower Upper

284 100

142 42.9 22.8 34.2#

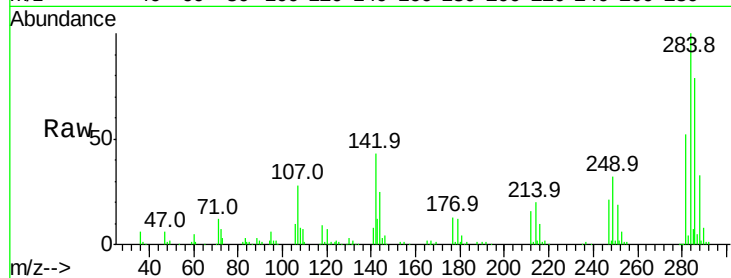
249 31.7 24.0 36.0

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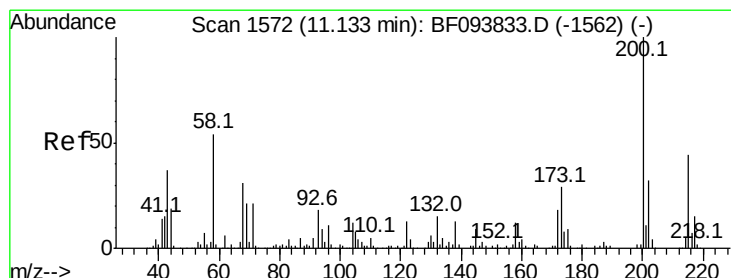
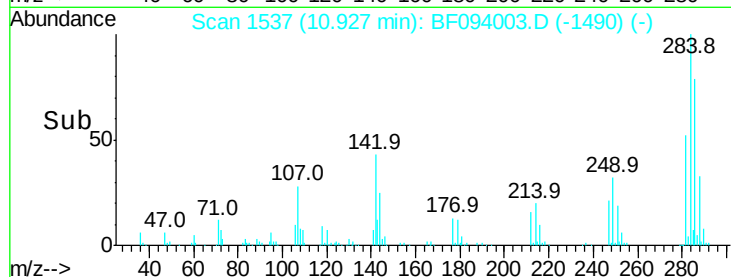
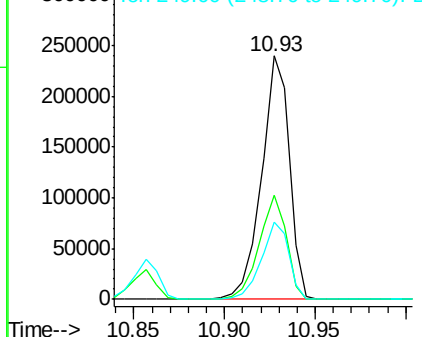
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.35 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

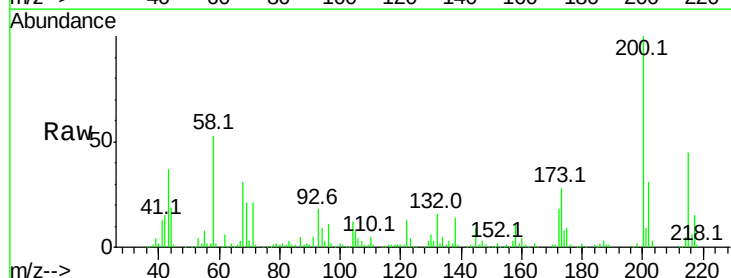
Tgt Ion:200 Resp: 239118

Ion Ratio Lower Upper

200 100

173 28.1 6.3 46.3

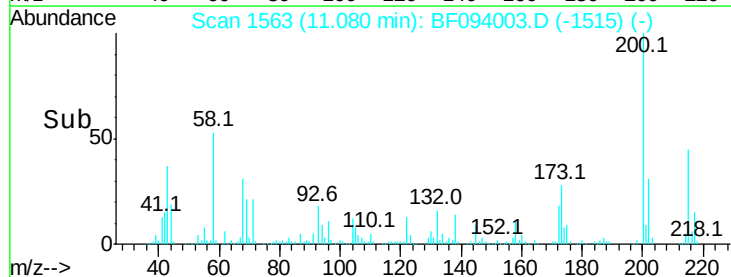
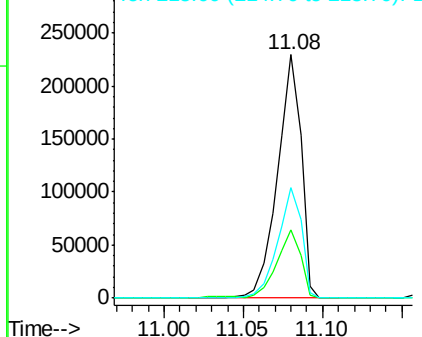
215 45.2 27.2 67.2

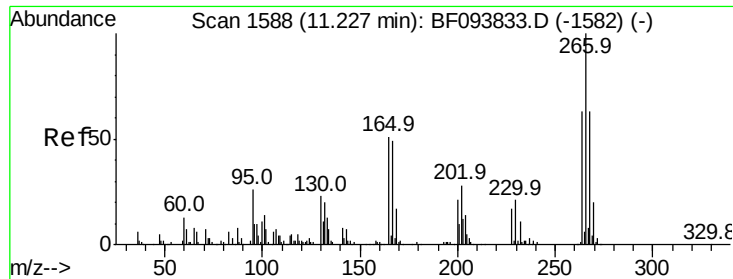


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





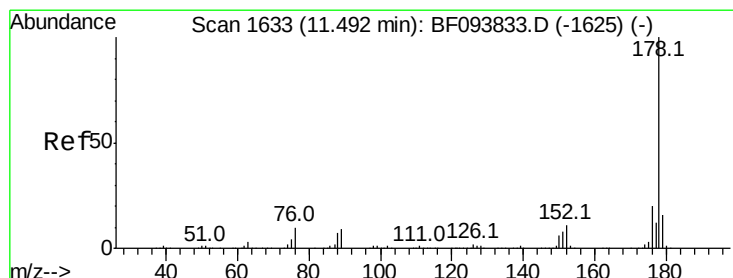
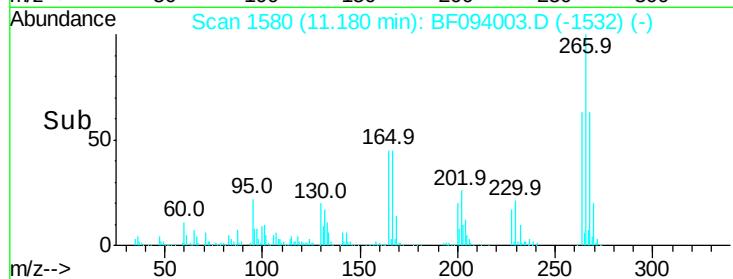
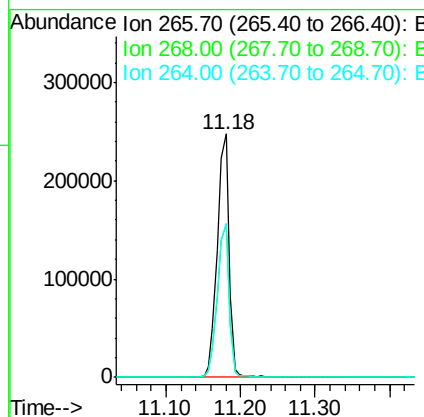
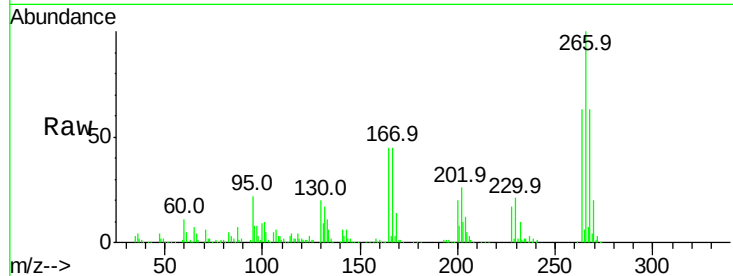
#69
 Pentachlorophenol
 Concen: 79.06 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	273562		
268	62.6		51.1	76.7
264	63.2		51.7	77.5

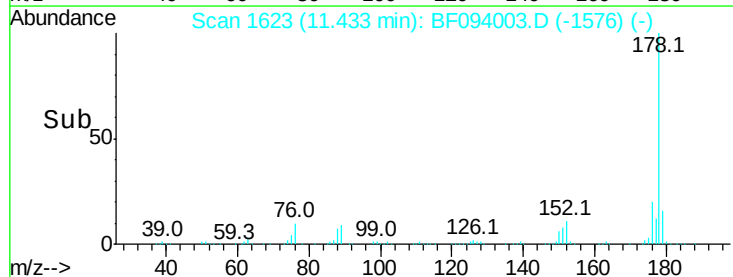
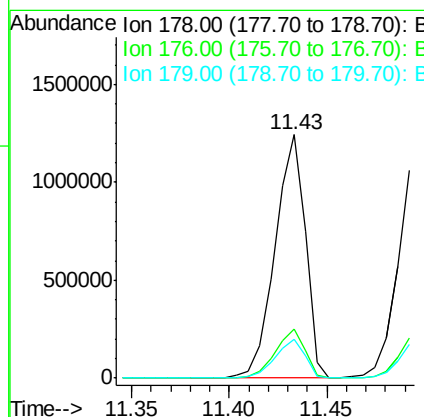
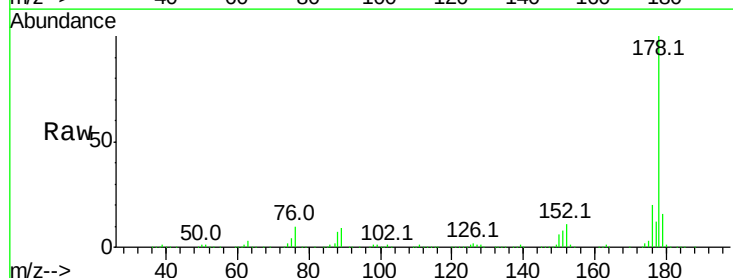
Manual Integrations
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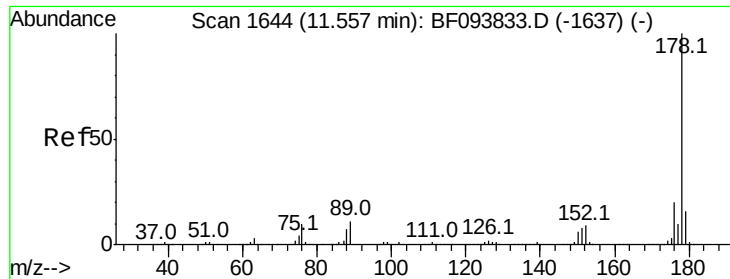
mohammad
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#70
 Phenanthrene
 Concen: 42.97 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1334570		
176	19.9		16.2	24.4
179	15.8		12.6	19.0





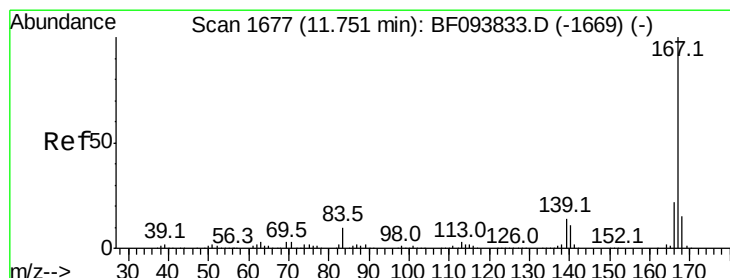
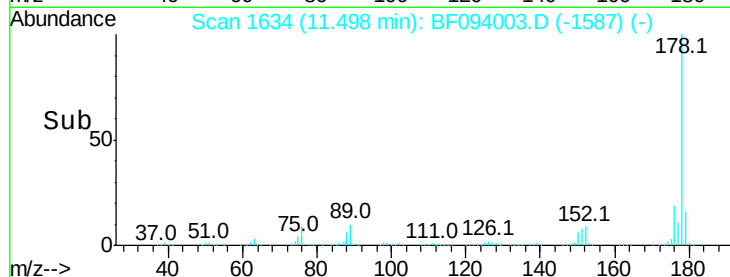
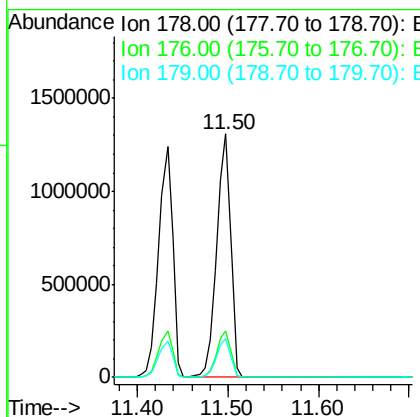
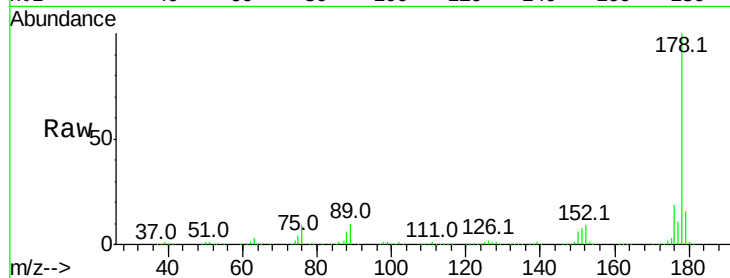
#71
 Anthracene
 Concen: 43.36 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BS

Tot Ion:178 Resp: 1386520
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 12.7 19.1

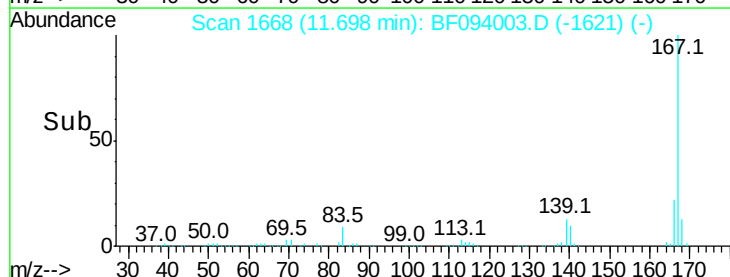
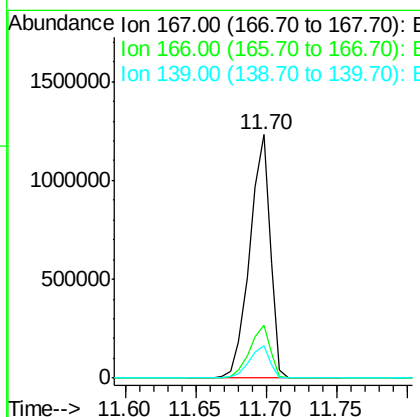
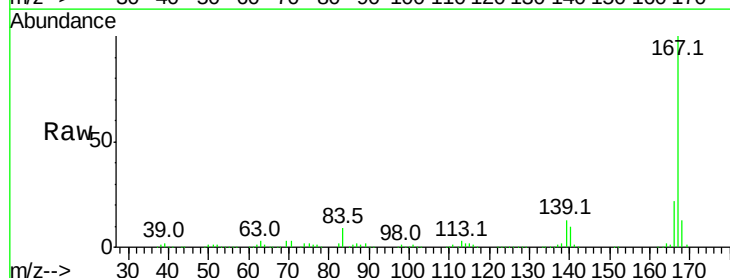
Manual Integrations
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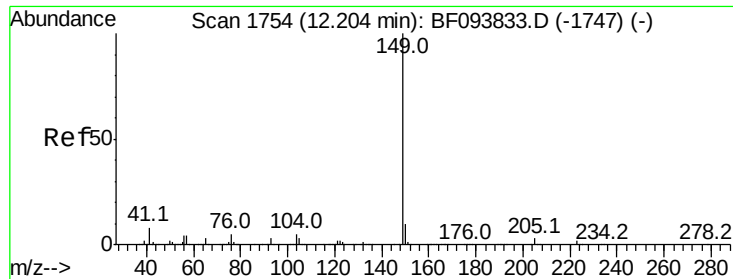
mohammad
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#72
 Carbazole
 Concen: 38.42 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:167 Resp: 1259996
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.94 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB97860BS

Tot Ion:149 Resp: 1600964

Ion Ratio Lower Upper

149 100

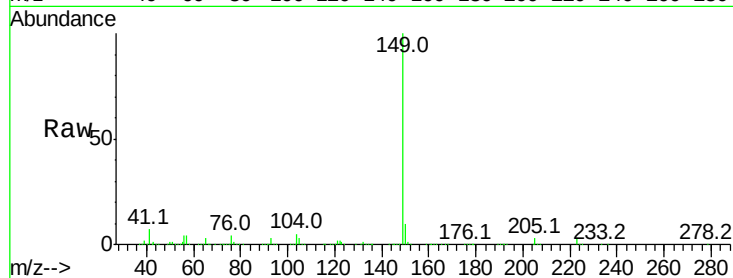
150 9.5 7.7 11.5

104 4.8 4.0 6.0

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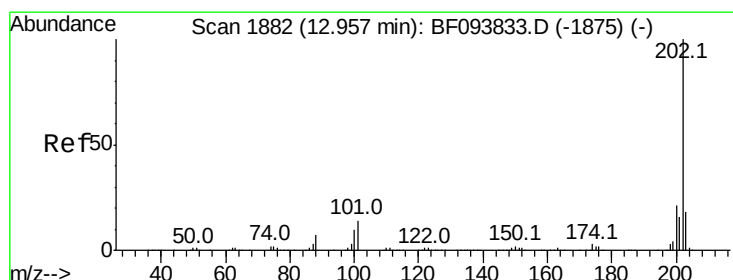
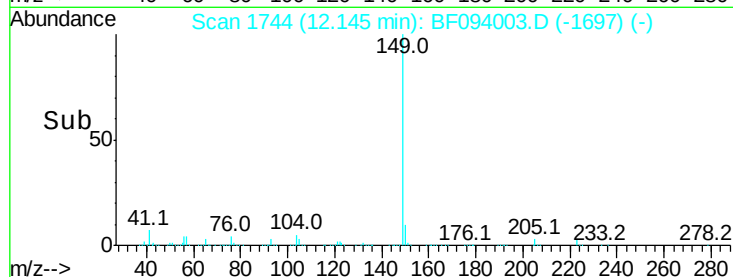
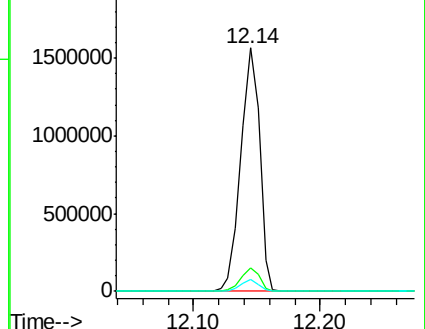
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.65 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

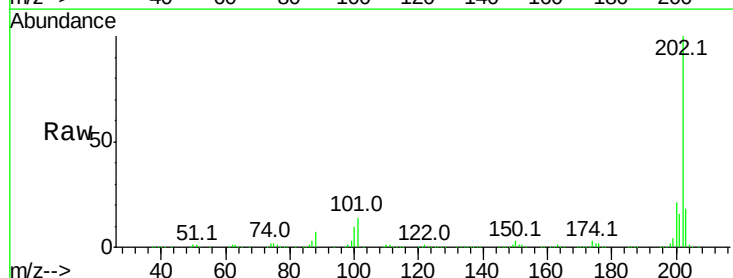
Tgt Ion:202 Resp: 1324673

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

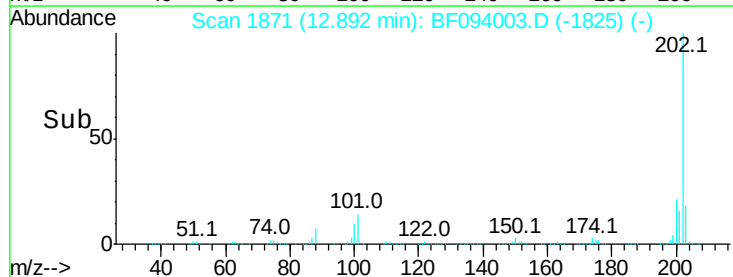
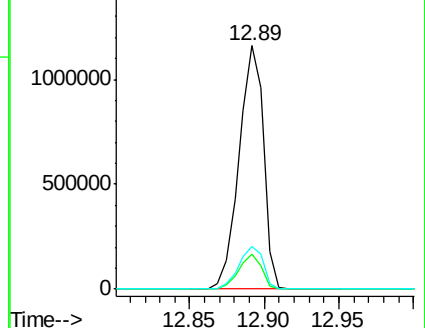
203 17.7 0.0 38.1

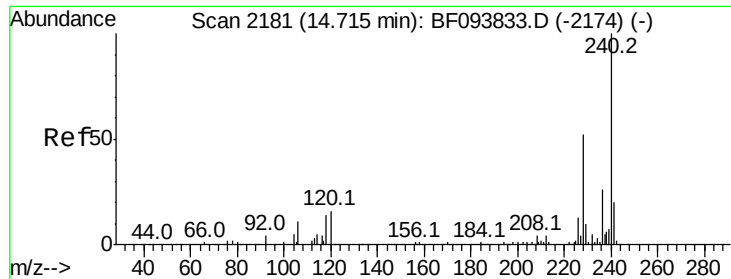


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampled :

PB97860BS

Tot Ion:240 Resp: 376487

Ion Ratio Lower Upper

240 100

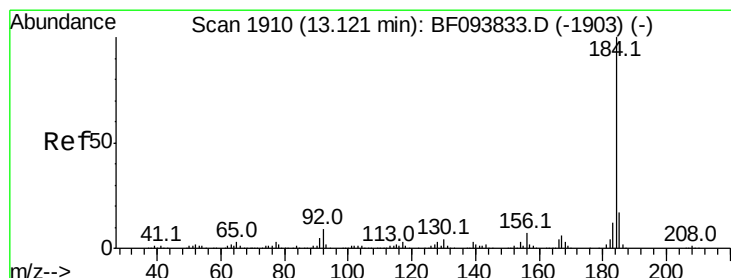
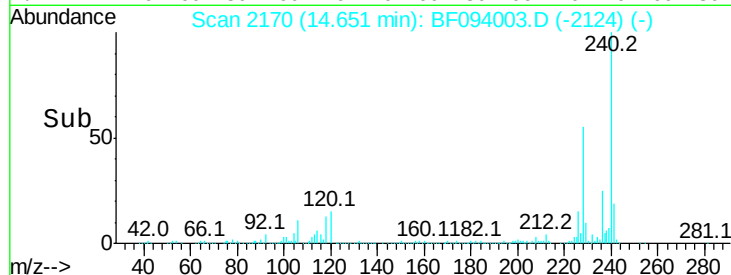
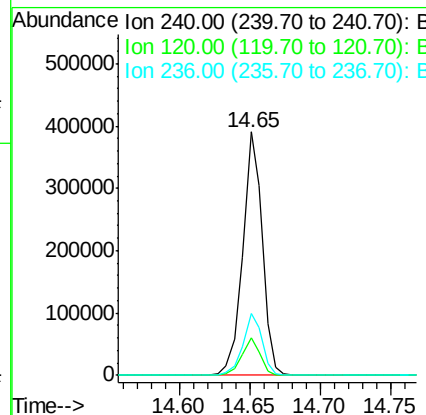
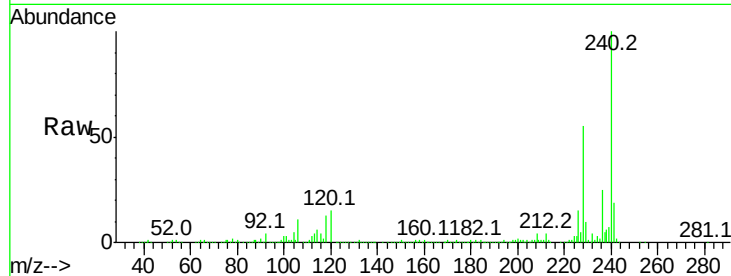
120 15.5 5.8 8.8#

236 25.3 20.5 30.7

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#76

Benzidine

Concen: 11.51 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

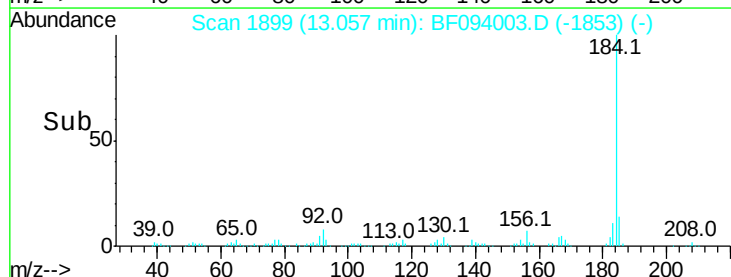
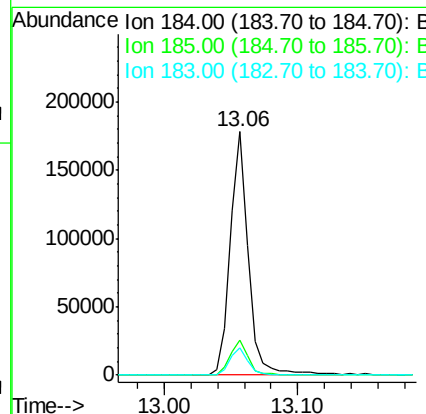
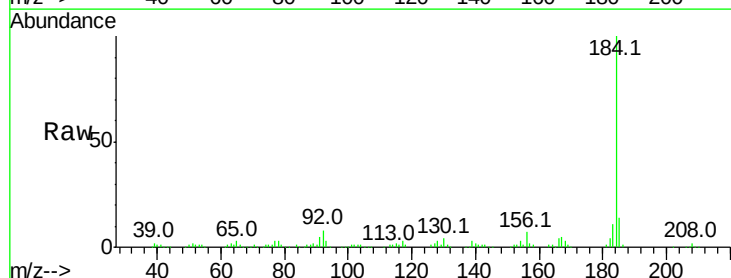
Tgt Ion:184 Resp: 171503

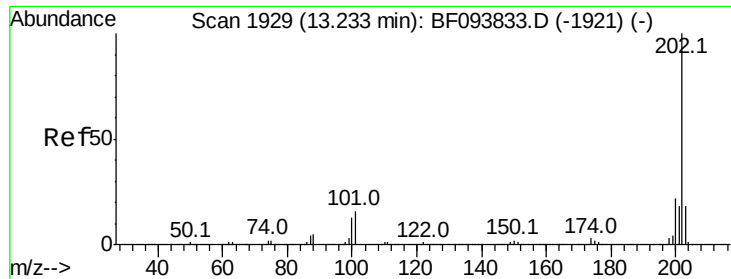
Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

183 11.4 9.8 14.6





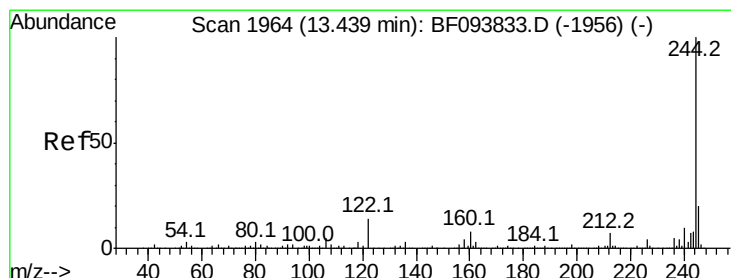
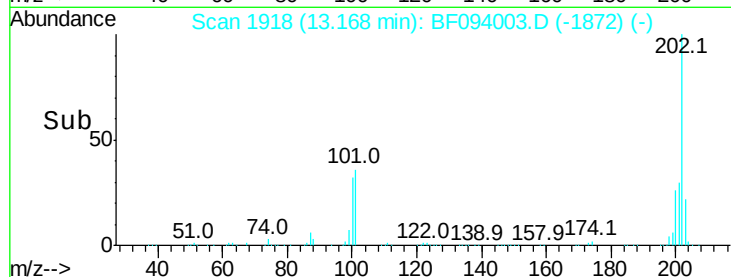
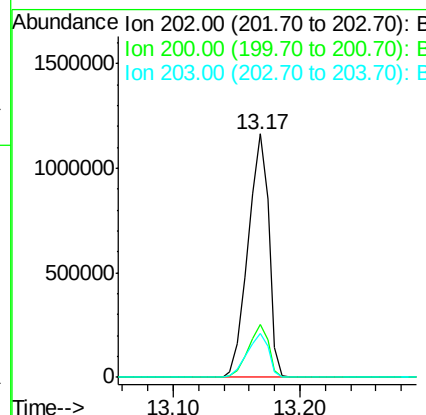
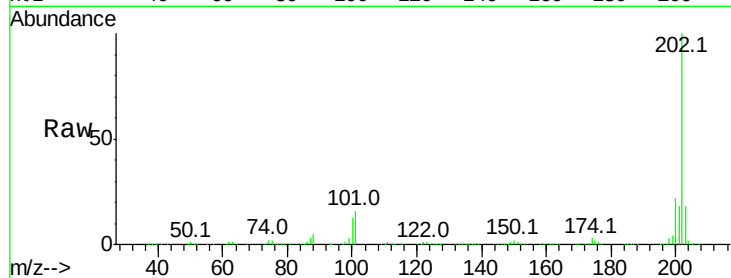
#77
Pvrene
Concen: 48.21 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.1	14.4	21.6

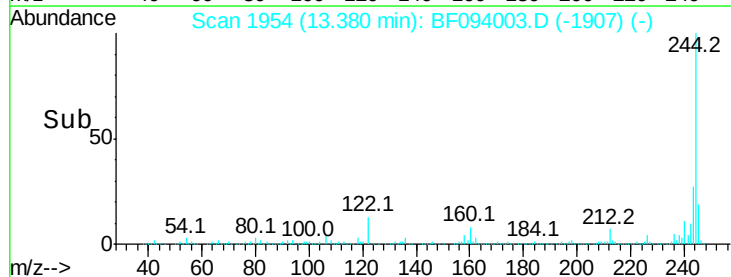
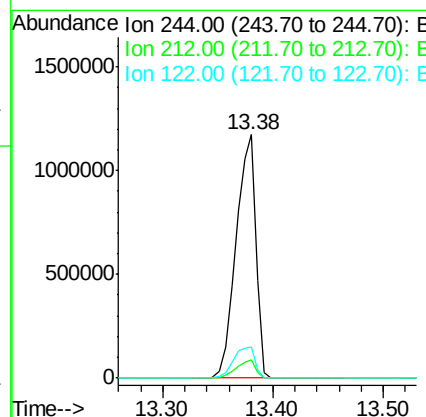
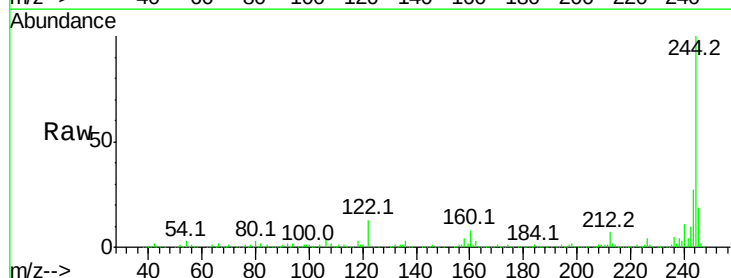
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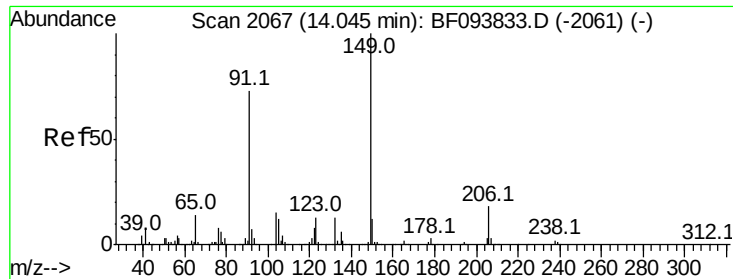
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#78
Terphenyl-d14
Concen: 87.94 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.7	10.3	15.5





#79

Butylbenzylphthalate

Concen: 55.03 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

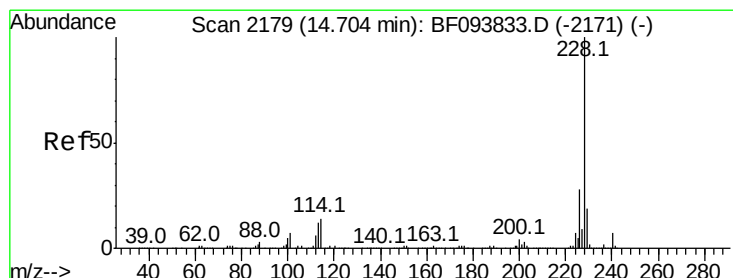
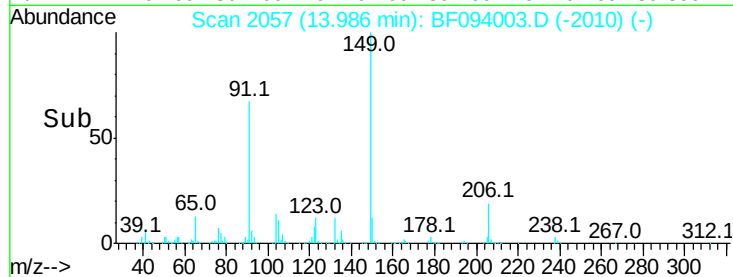
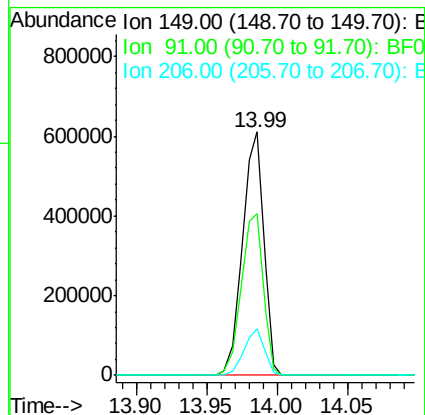
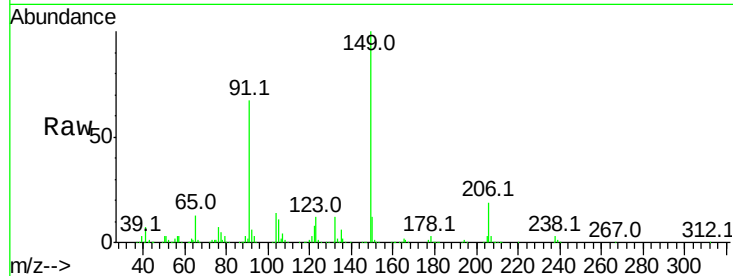
ClientSampleId :

PB97860BS

Tot Ion:	149	Resp:	640609
Ion Ratio	Lower	Upper	
149	100		
91	66.5	45.0	67.4
206	19.1	17.0	25.6

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 45.21 ng

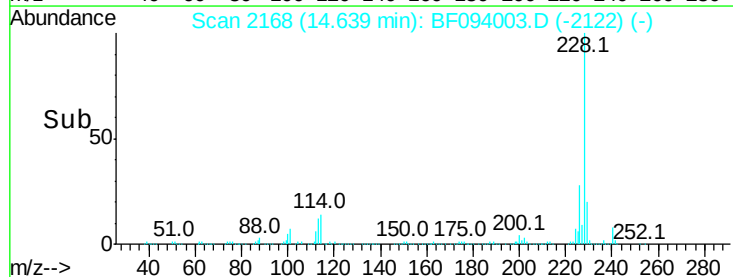
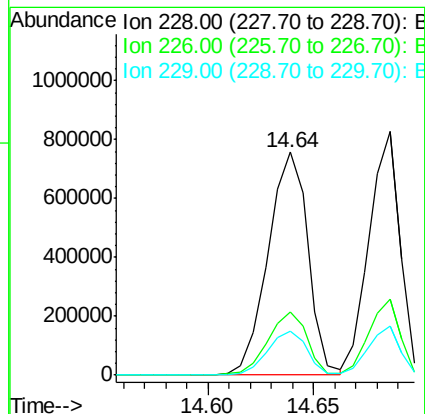
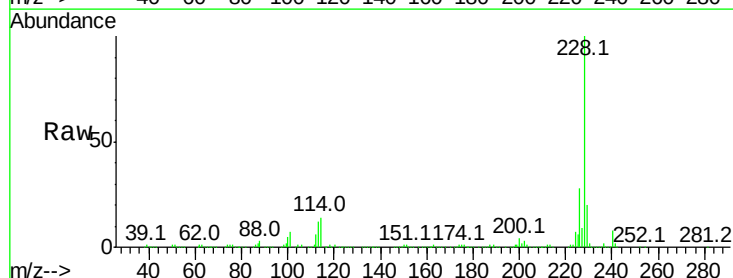
RT: 14.64 min Scan# 2168

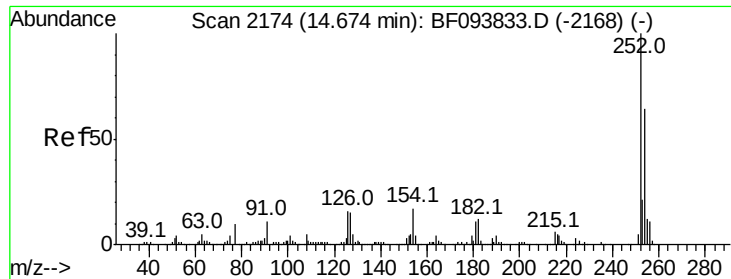
Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion:	228	Resp:	992524
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	19.8	16.3	24.5





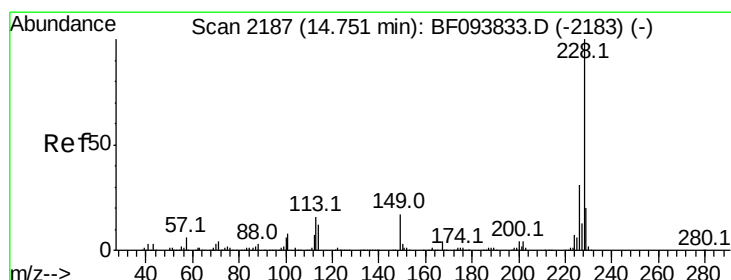
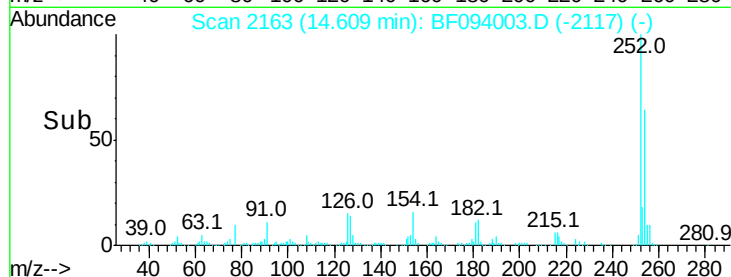
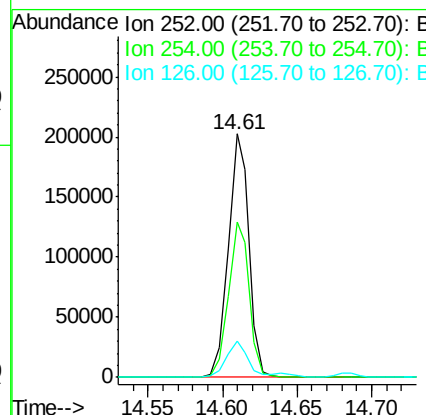
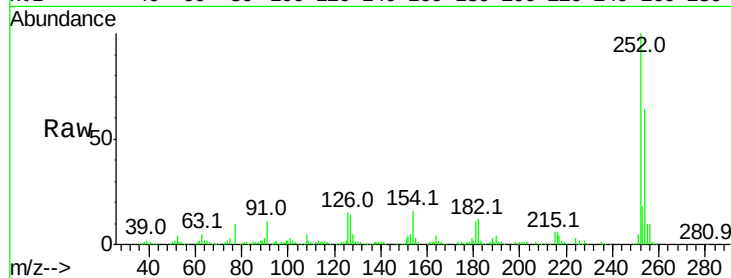
#81
 3,3'-Dichlorobenzidine
 Concen: 25.24 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :
 PB97860BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.5	77.3
126	15.1	15.8	23.8

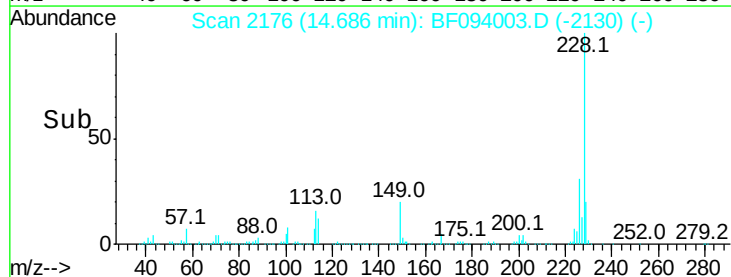
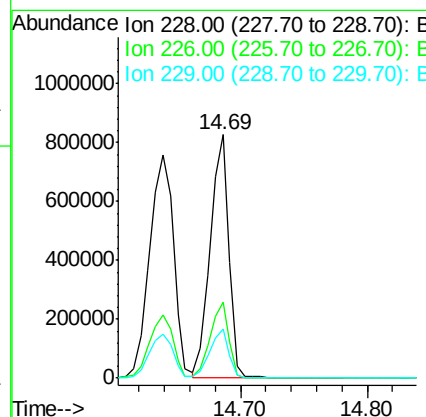
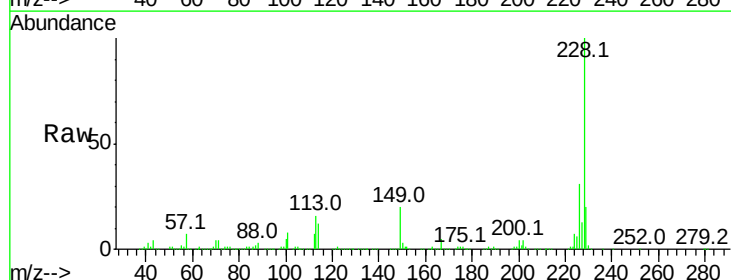
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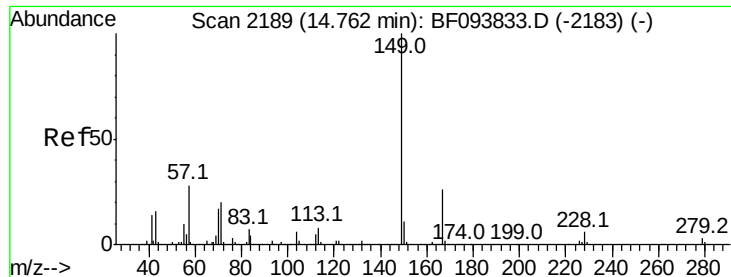
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#82
 Chrysene
 Concen: 41.99 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.89 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

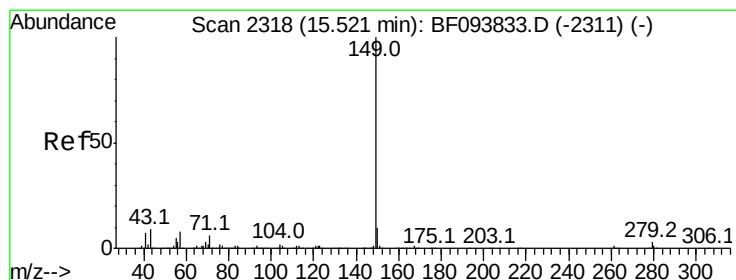
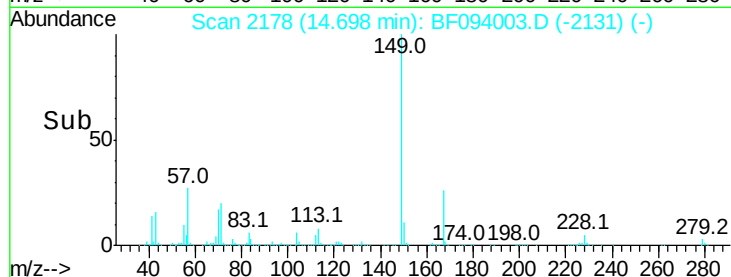
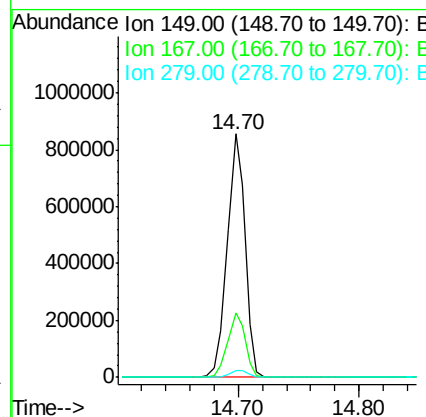
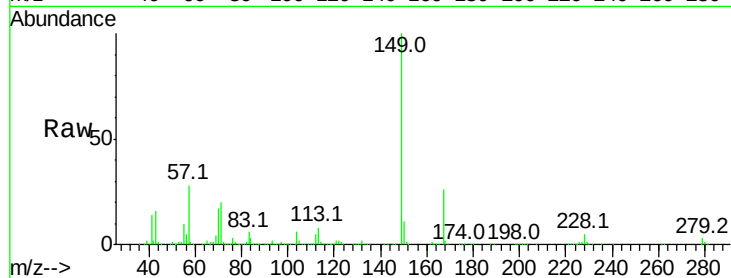
ClientSampleId :

PB97860BS

Tot Ion:	149	Resp:	871790
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.0	31.4
279	3.0	1.9	2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 53.45 ng

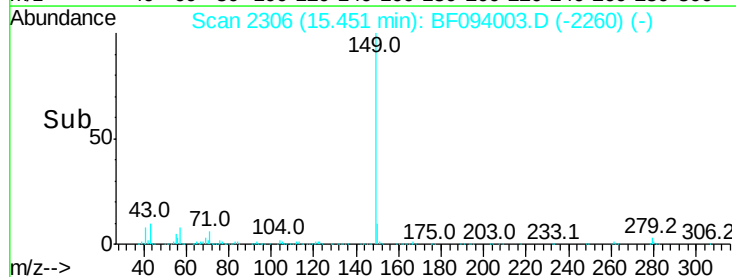
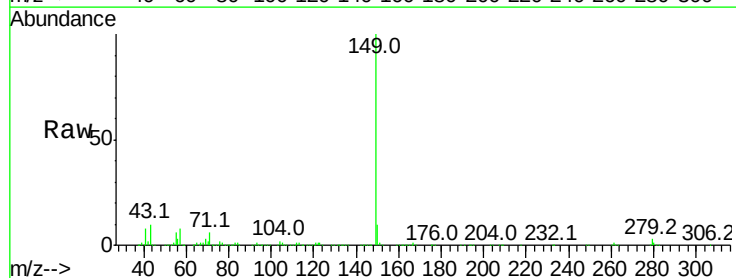
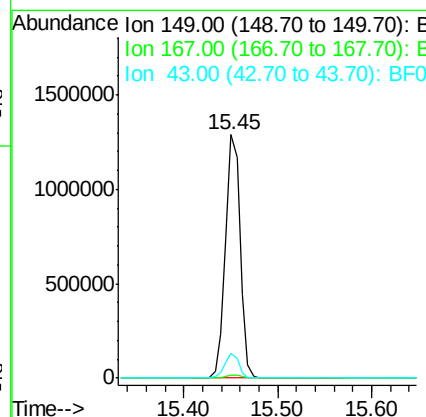
RT: 15.45 min Scan# 2306

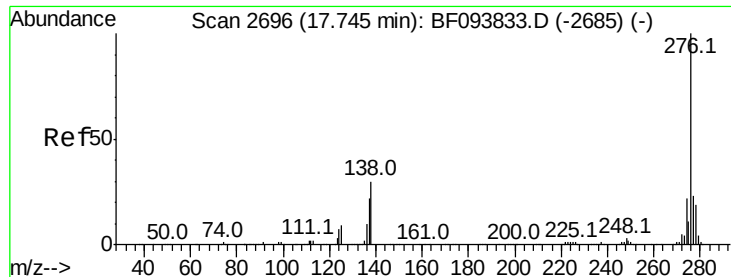
Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion:	149	Resp:	1418230
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.5	8.5	12.7





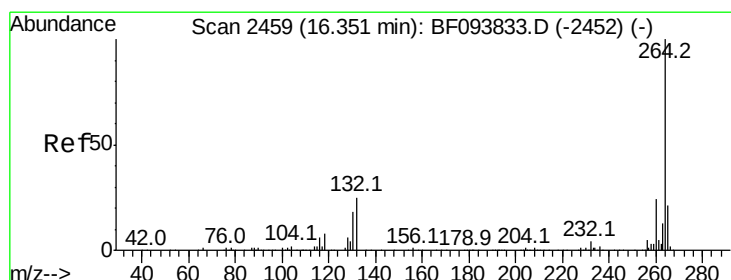
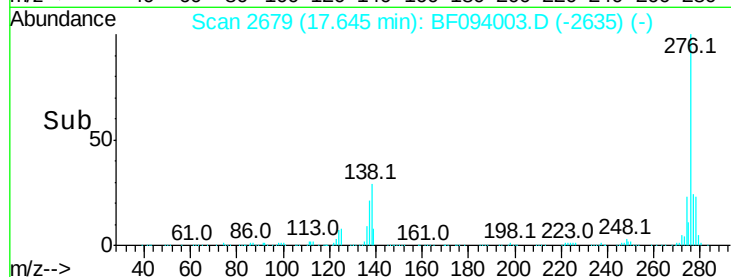
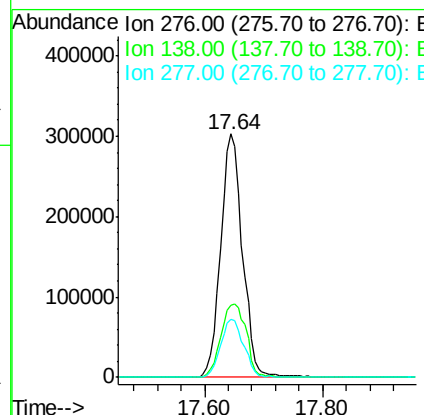
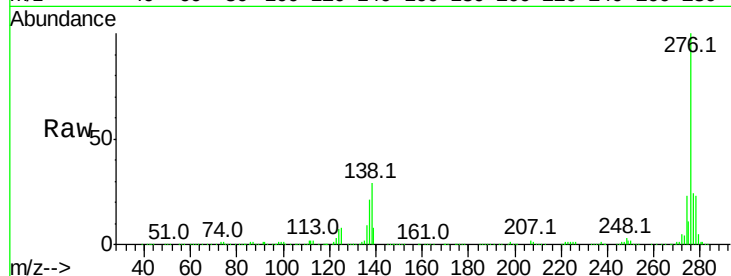
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.00 ng
RT: 17.64 min Scan# 2679
Delta R.T. -0.04 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.3	20.2	30.4

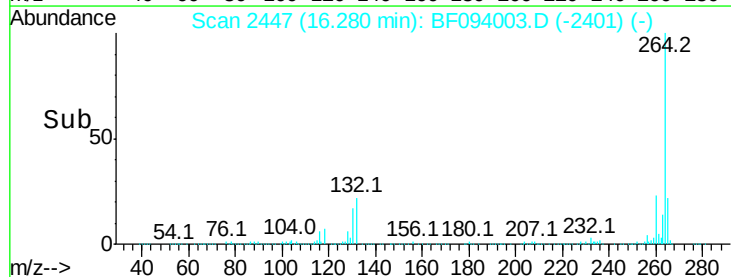
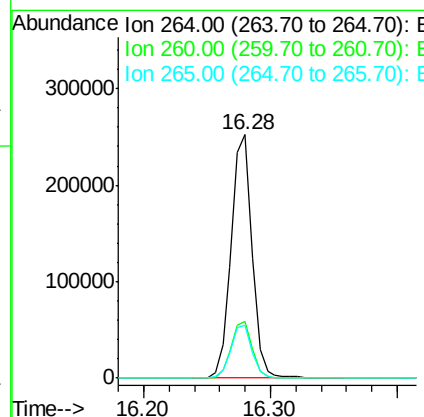
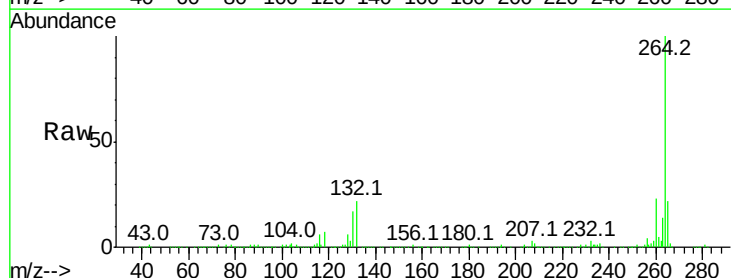
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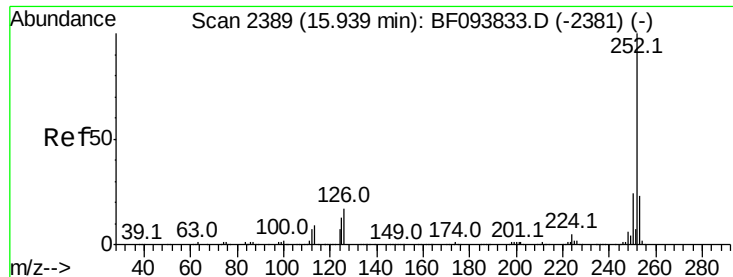
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

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





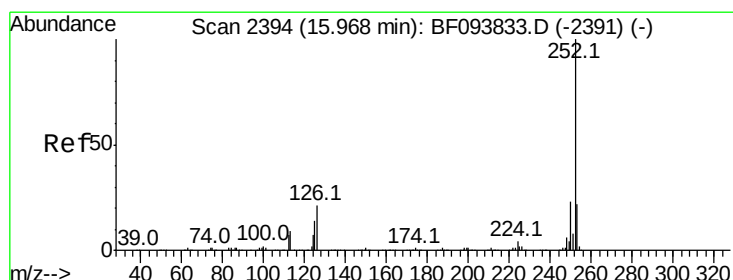
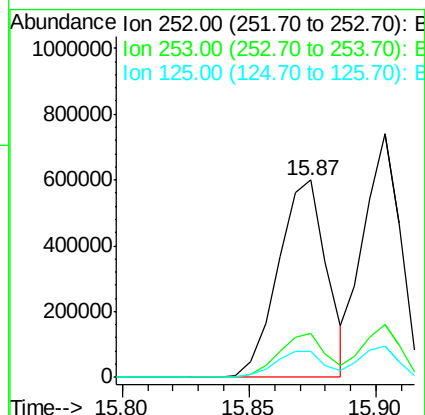
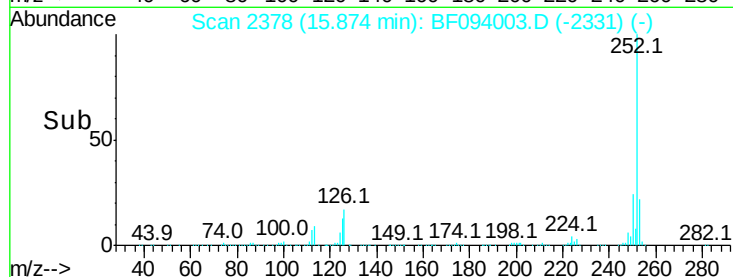
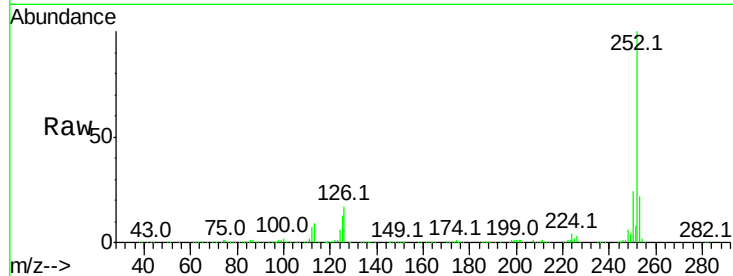
#87
Benzo(b)fluoranthene
Concen: 45.25 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.1	9.8	14.8

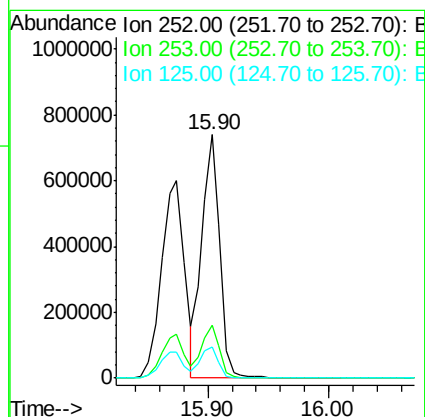
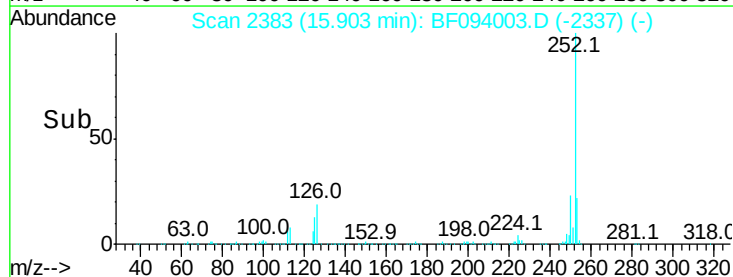
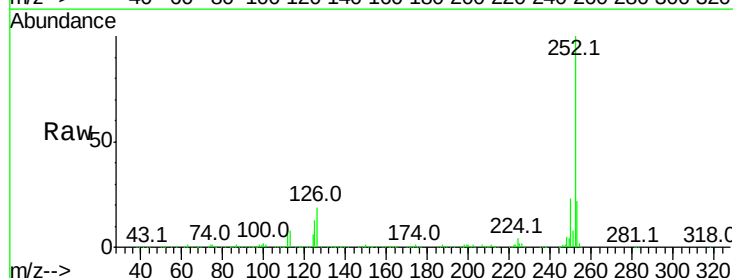
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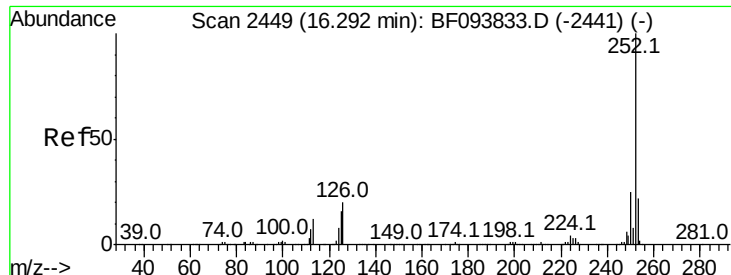
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#88
Benzo(k)fluoranthene
Concen: 44.23 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	12.9	13.1	19.7





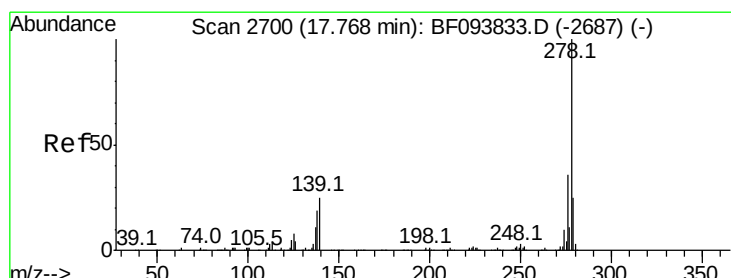
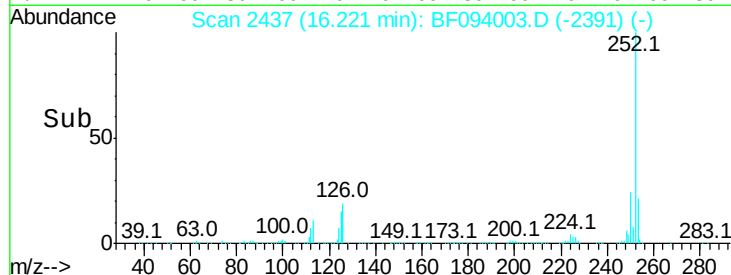
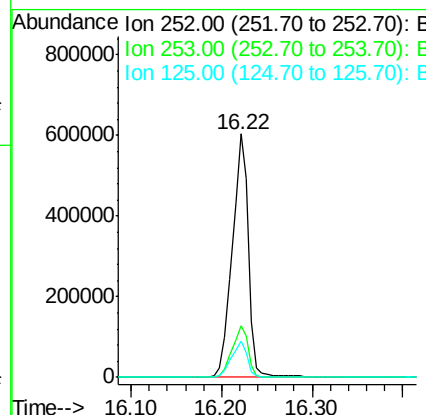
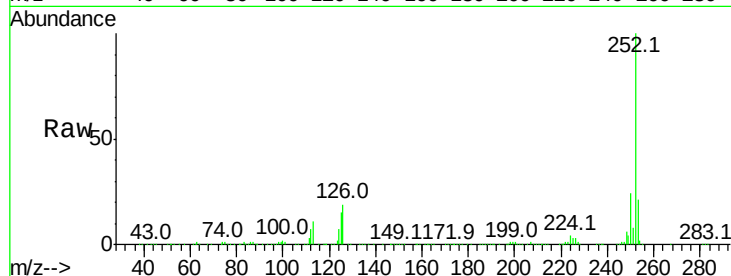
#89
Benzo(a)pyrene
Concen: 46.03 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB97860BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.7	11.0	16.4

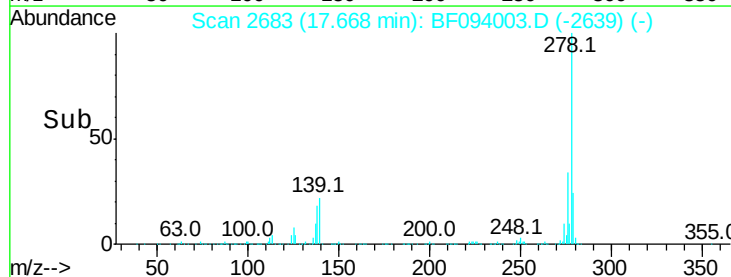
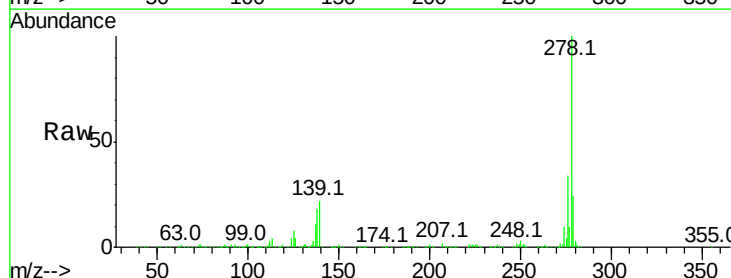
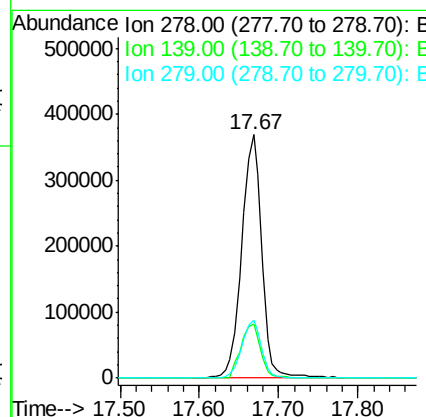
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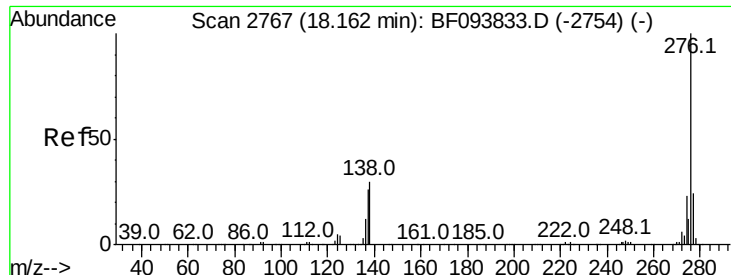
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#90
Dibenzo(a,h)anthracene
Concen: 47.22 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.04 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.8	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 45.00 ng

RT: 18.05 min Scan# 2748

Delta R.T. -0.05 min

Lab File: BF094003.D

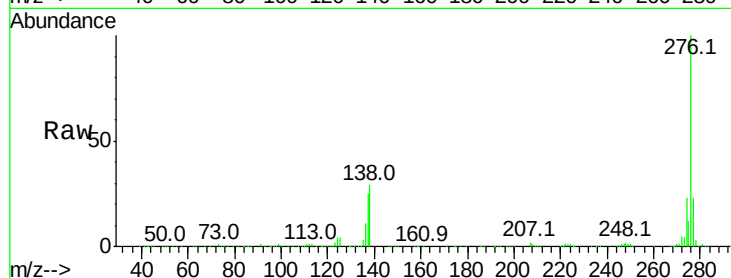
Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB97860BS



Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	28.6	25.4	38.0

Manual Integrations
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3/29/2017 1:56:53 PM

