

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094390.D
 Acq On : 13 Apr 2017 14:52
 Operator : SJ/MA
 Sample : PB98215BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Manual Integrations
 APPROVED

mohammad
 4/14/2017 1:37:12 PM

Quant Time: Apr 14 01:58:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	154159	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	616060	20.00	ng	-0.04
38) Acenaphthene-d10	9.43	164	287924	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	503594	20.00	ng	-0.04
75) Chrysene-d12	14.50	240	393626	20.00	ng	-0.05
86) Perylene-d12	16.12	264	309785	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1118455	122.54	ng	-0.02
7) Phenol-d6	5.43	99	1393050	123.38	ng	-0.04
23) Nitrobenzene-d5	6.45	82	891106	82.55	ng	-0.04
41) 2,4,6-Tribromophenol	10.41	330	304523	133.84	ng	-0.04
44) 2-Fluorobiphenyl	8.62	172	1665061	88.21	ng	-0.04
78) Terphenyl-d14	13.23	244	1452287	82.70	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	130711	29.81	ng	97
3) Pyridine	2.65	79	384820	32.20	ng	99
4) n-Nitrosodimethylamine	2.62	42	187581	38.15	ng	86
6) Aniline	5.42	93	399526	25.44	ng	# 89
8) 2-Chlorophenol	5.56	128	435246	43.38	ng	97
9) Benzaldehyde	5.28	77	120263	15.77	ng	99
10) Phenol	5.44	94	523060	40.71	ng	92
11) bis(2-Chloroethyl)ether	5.50	93	404172	40.25	ng	97
12) 1,3-Dichlorobenzene	5.72	146	464703	41.29	ng	99
13) 1,4-Dichlorobenzene	5.81	146	467747	41.04	ng	98
14) 1,2-Dichlorobenzene	5.99	146	435096	41.45	ng	95
15) Benzyl Alcohol	5.97	79	338055	40.91	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.12	45	522292	33.76	ng	# 15
17) 2-Methylphenol	6.12	107	352123	40.98	ng	# 88
18) Hexachloroethane	6.37	117	166273	41.51	ng	# 86
19) n-Nitroso-di-n-propylamine	6.28	70	315134	43.43	ng	95
20) 3+4-Methylphenols	6.30	107	491544	47.24	ng	# 63
22) Acetophenone	6.26	105	612549	44.61	ng	# 87
24) Nitrobenzene	6.46	77	443100	41.62	ng	97
25) Isophorone	6.75	82	802214	42.29	ng	# 94
26) 2-Nitrophenol	6.84	139	247104	48.67	ng	97
27) 2,4-Dimethylphenol	6.92	122	395791	45.24	ng	99
28) bis(2-Chloroethoxy)methane	7.02	93	518620	41.46	ng	99
29) 2,4-Dichlorophenol	7.15	162	383051	46.83	ng	98
30) 1,2,4-Trichlorobenzene	7.23	180	375540	44.57	ng	99
31) Naphthalene	7.32	128	1245593	42.05	ng	100
32) Benzoic acid	7.10	122	202885	34.84	ng	93
33) 4-Chloroaniline	7.39	127	215268	17.93	ng	# 92
34) Hexachlorobutadiene	7.47	225	190704	44.14	ng	98
35) Caprolactam	7.84	113	122451m	46.94	ng	
36) 4-Chloro-3-methylphenol	8.03	107	404263	47.30	ng	90
37) 2-Methylnaphthalene	8.16	142	878402	44.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.37	216	333824	42.38	ng	99
40) Hexachlorocyclopentadiene	8.36	237	338466	91.83	ng	99

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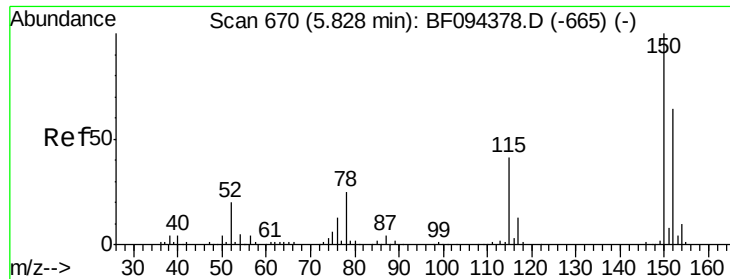
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.52	196	253475	45.49	nq	98
43) 2,4,5-Trichlorophenol	8.58	196	257774	42.75	nq	93
45) 1,1'-Biphenyl	8.73	154	979526	42.18	nq	98
46) 2-Chloronaphthalene	8.75	162	783320	43.09	nq	93
47) 2-Nitroaniline	8.89	65	232348	43.08	nq	# 83
48) Acenaphthylene	9.26	152	1214794	40.21	nq	100
49) Dimethylphthalate	9.13	163	956725	46.75	nq	99
50) 2,6-Dinitrotoluene	9.19	165	214616	45.74	nq	# 89
51) Acenaphthene	9.47	154	742691	42.13	nq	98
52) 3-Nitroaniline	9.39	138	136993	24.87	nq	92
53) 2,4-Dinitrophenol	9.53	184	205044	81.57	nq	# 73
54) Dibenzofuran	9.69	168	1054614	43.94	nq	99
55) 4-Nitrophenol	9.67	139	377453	87.48	nq	89
56) 2,4-Dinitrotoluene	9.69	165	258827	43.92	nq	# 83
57) Fluorene	10.10	166	817141	41.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	182591m	44.13	nq	
59) Diethylphthalate	10.00	149	919225	45.44	nq	99
60) 4-Chlorophenyl-phenylether	10.11	204	359733	42.43	nq	95
61) 4-Nitroaniline	10.16	138	224644	42.49	nq	93
62) Azobenzene	10.31	77	865141	45.21	nq	95
64) 4,6-Dinitro-2-methylphenol	10.20	198	148694	48.21	nq	# 65
65) n-Nitrosodiphenylamine	10.27	169	778520	44.70	nq	98
66) 4-Bromophenyl-phenylether	10.71	248	227141	45.86	nq	96
67) Hexachlorobenzene	10.78	284	230696	46.01	nq	# 83
68) Atrazine	10.94	200	234249	44.91	nq	96
69) Pentachlorophenol	11.04	266	185646	59.49	nq	100
70) Phenanthrene	11.29	178	1214555	43.36	nq	99
71) Anthracene	11.34	178	1271682	44.09	nq	99
72) Carbazole	11.56	167	1182029	39.96	nq	97
73) Di-n-butylphthalate	12.00	149	1431929	46.55	nq	99
74) Fluoranthene	12.74	202	1261727	43.98	nq	99
76) Benzidine	12.92	184	472522	30.33	nq	# 93
77) Pyrene	13.02	202	1271192	44.50	nq	99
79) Butylbenzylphthalate	13.84	149	613589	50.41	nq	# 87
80) Benzo(a)anthracene	14.49	228	1054818	45.95	nq	98
81) 3,3'-Dichlorobenzidine	14.46	252	211652	25.80	nq	# 95
82) Chrysene	14.53	228	941302	44.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.55	149	846780	50.99	nq	# 99
84) Di-n-octyl phthalate	15.31	149	1396348	50.33	nq	97
85) Indeno(1,2,3-cd)pyrene	17.42	276	809731	43.89	nq	99
87) Benzo(b)fluoranthene	15.72	252	931173	49.04	nq	99
88) Benzo(k)fluoranthene	15.76	252	779221	41.94	nq	# 94
89) Benzo(a)pyrene	16.07	252	799103	45.70	nq	99
90) Dibenzo(a,h)anthracene	17.43	278	676694	45.69	nq	100
91) Benzo(g,h,i)perylene	17.79	276	674247	45.18	nq	97

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



#1

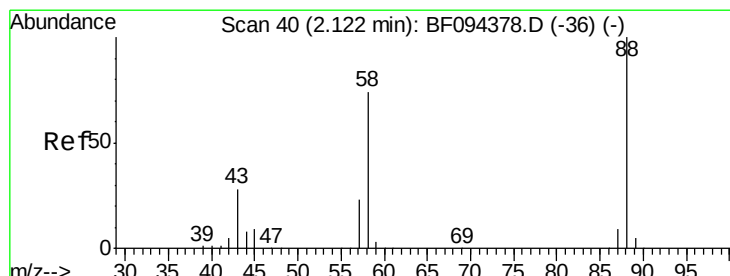
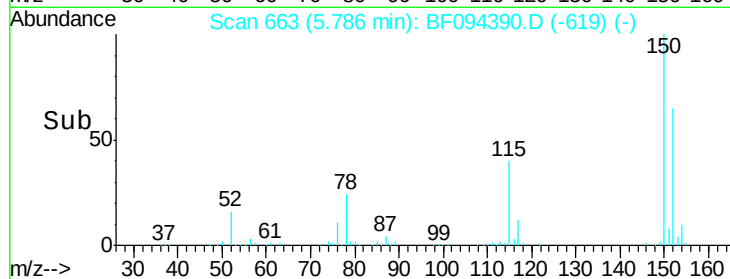
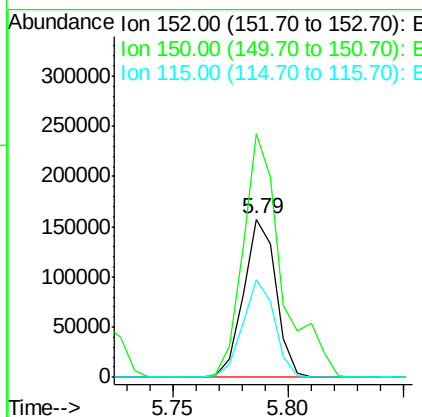
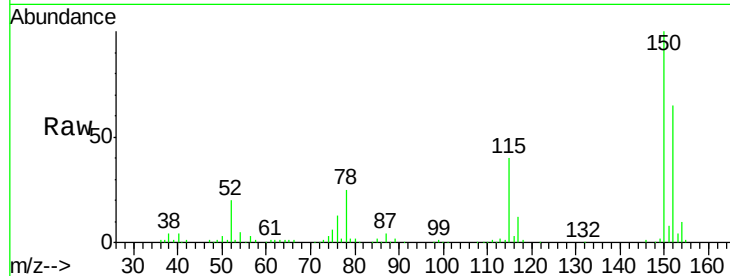
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	61.9	52.2	78.2

Manual Integrations
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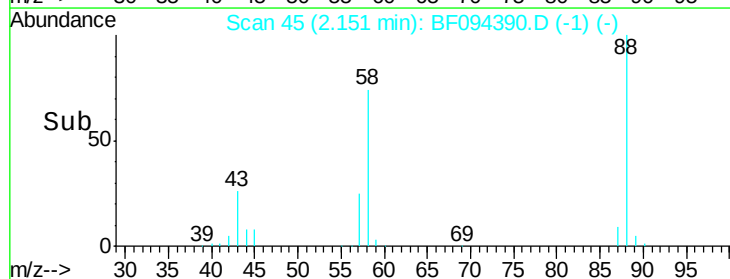
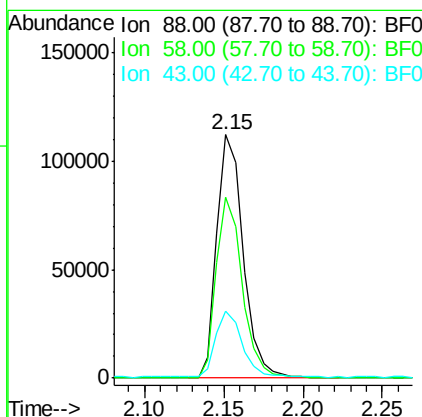
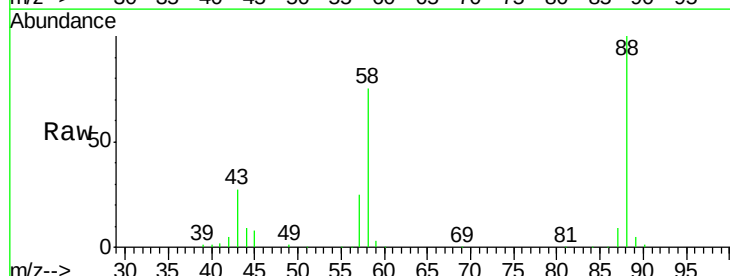
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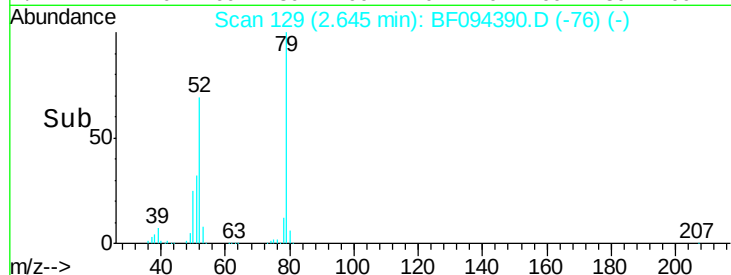
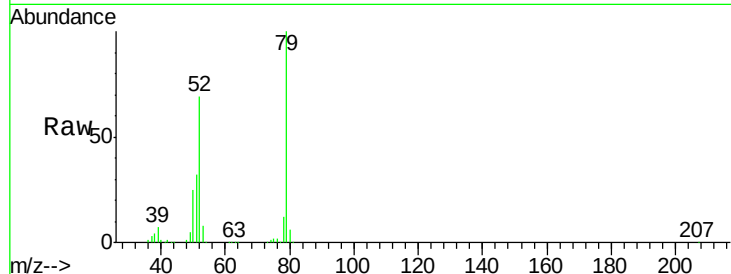
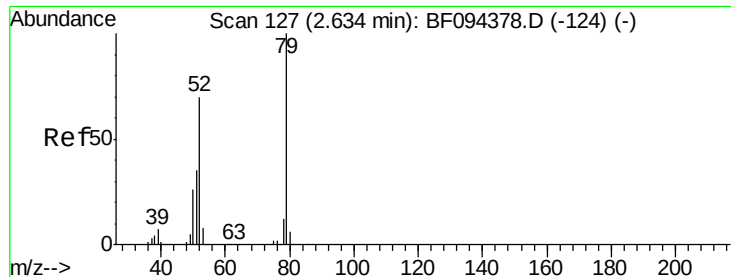


#2

1,4-Dioxane
Concen: 29.81 ng
RT: 2.15 min Scan# 45
Delta R.T. 0.03 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	61.4	92.0
43	28.2	23.4	35.0





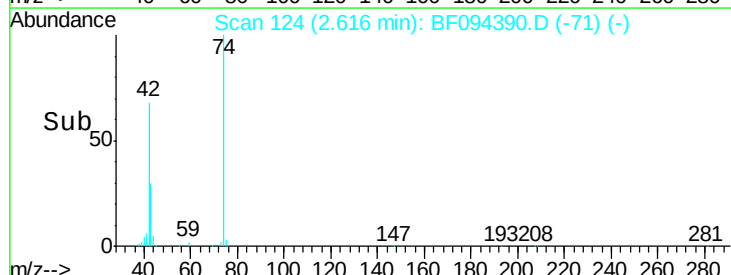
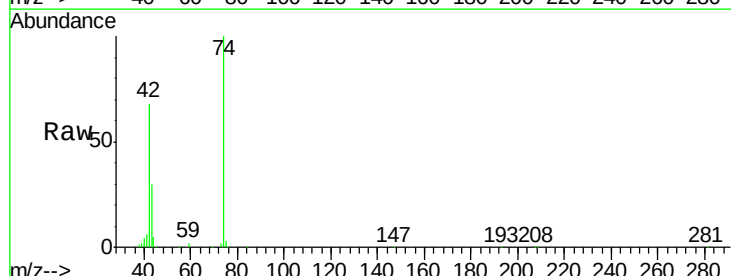
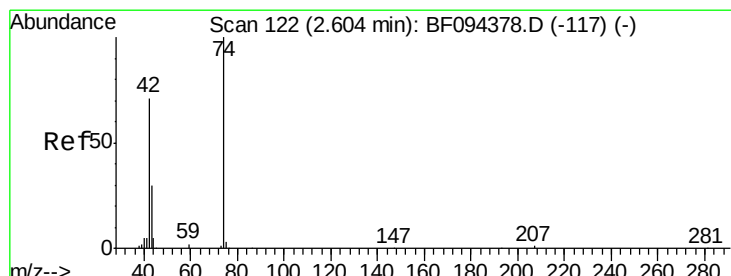
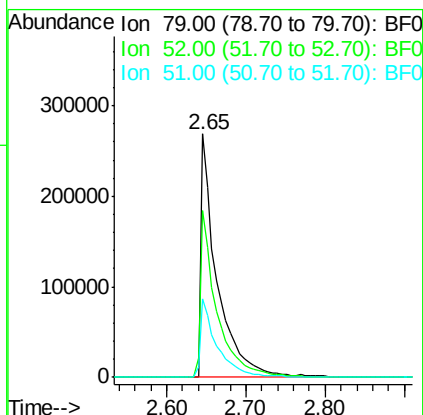
#3
 Pvridine
 Concen: 32.20 ng
 RT: 2.65 min Scan# 129
 Delta R.T. 0.01 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tot Ion:	79	Resp:	384820
Ion Ratio	Lower	Upper	
79	100		
52	68.6	54.8	82.2
51	32.3	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

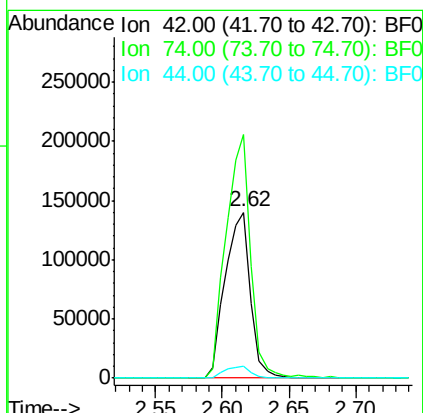
Manual Integrations
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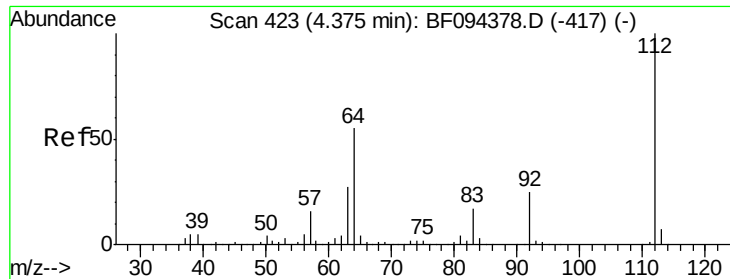
mohammad
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#4
 n-Nitrosodimethylamine
 Concen: 38.15 ng
 RT: 2.62 min Scan# 124
 Delta R.T. 0.01 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion:	42	Resp:	187581
Ion Ratio	Lower	Upper	
42	100		
74	146.8	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 122.54 ng

RT: 4.35 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

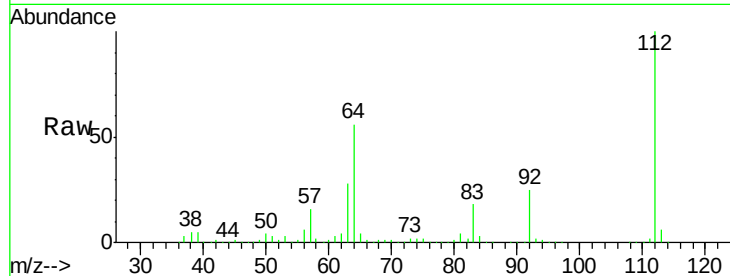
ClientSampleId :

PB98215BS

Tot Ion:	112	Resp:	1118455
Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	27.8	23.4	35.0

Manual Integrations
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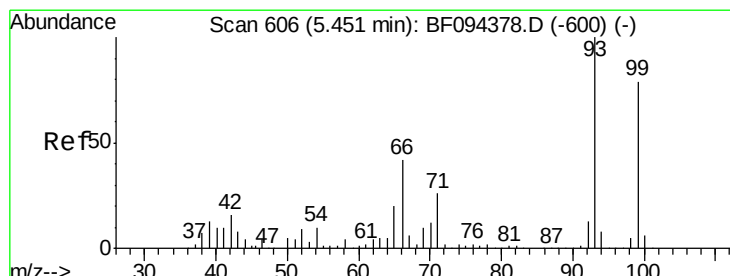
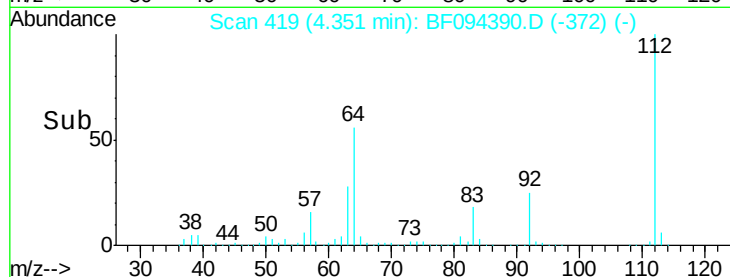
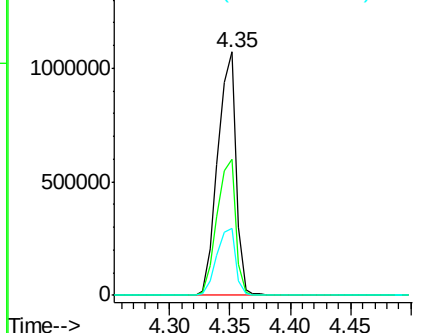
mohammad
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.44 ng

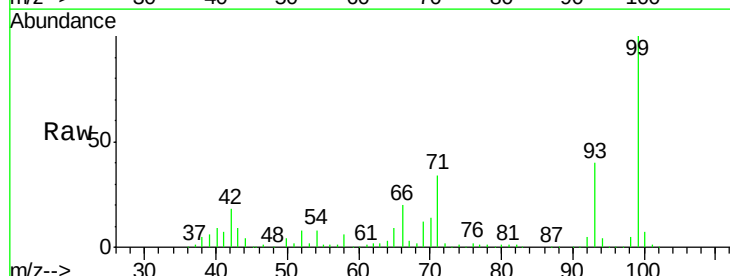
RT: 5.42 min Scan# 600

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

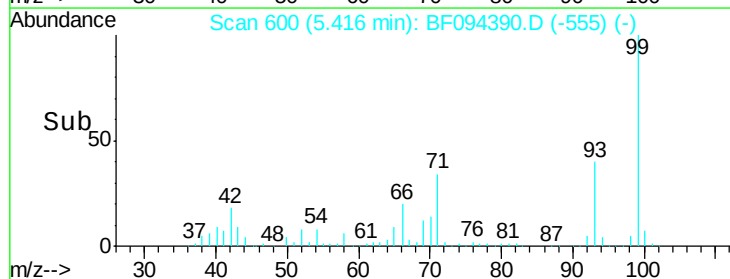
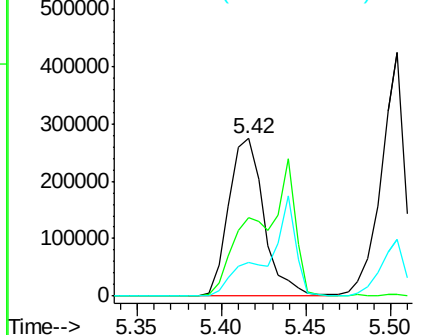
Tgt Ion:	93	Resp:	399526
Ion	Ratio	Lower	Upper
93	100		
66	50.0	32.9	49.3#
65	21.7	16.0	24.0

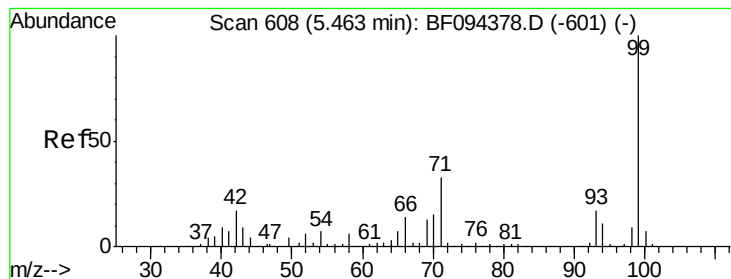


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.38 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB98215BS

Tot Ion: 99 Resp: 1393050

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

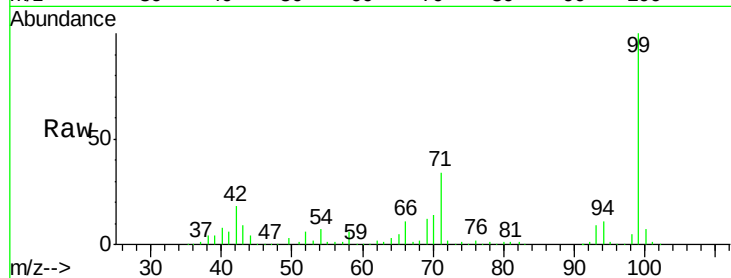
71 33.8 24.5 36.7

Manual Integrations

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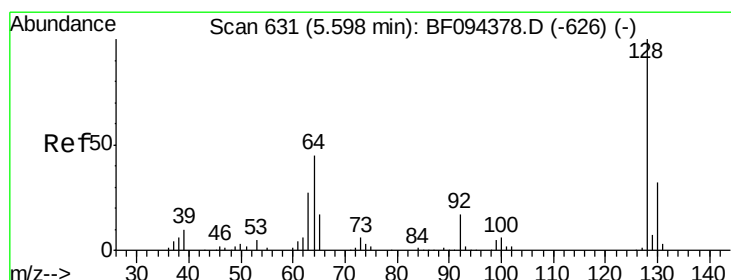
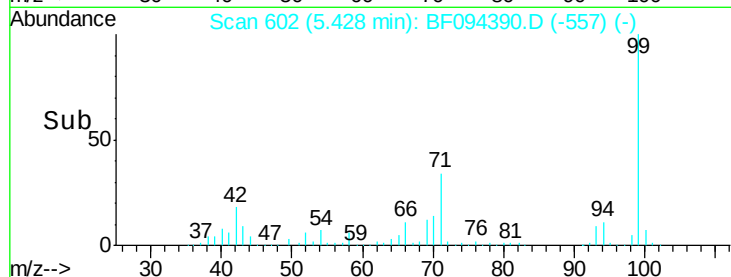
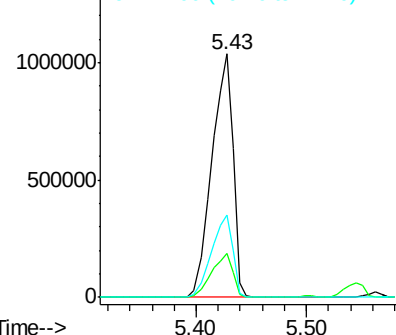
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.38 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

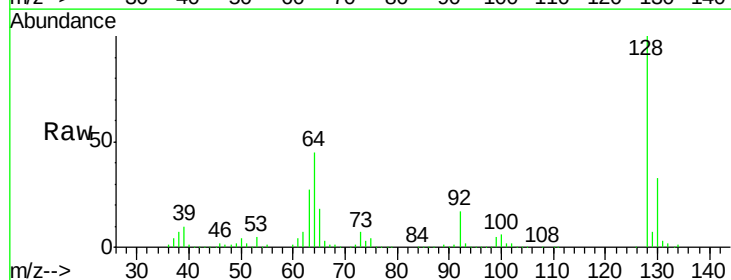
Tgt Ion:128 Resp: 435246

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

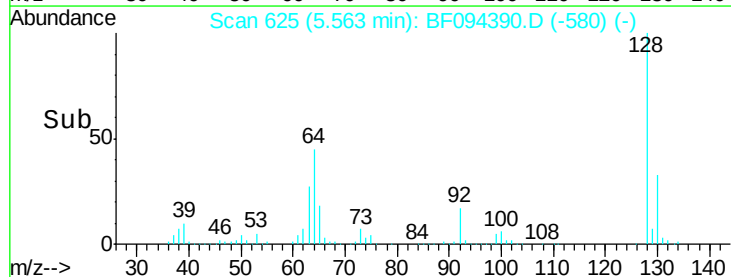
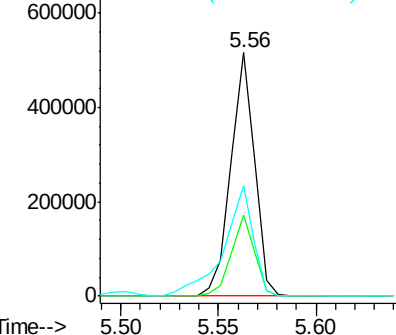
64 45.3 28.4 68.4

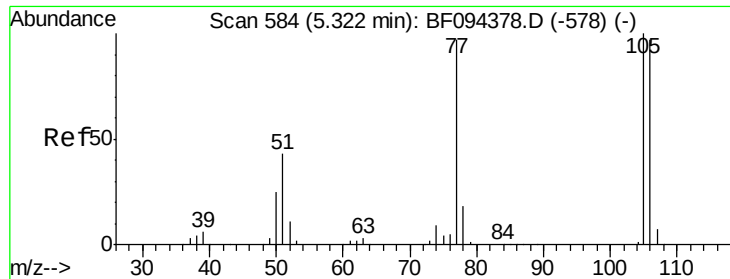


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.77 ng

RT: 5.28 min Scan# 577

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB98215BS

Tot Ion: 77 Resp: 120263

Ion Ratio Lower Upper

77 100

105 105.0 83.8 123.8

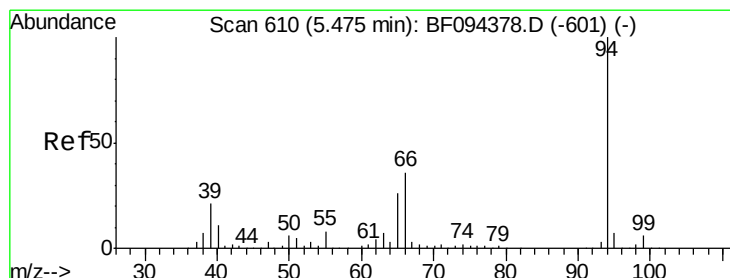
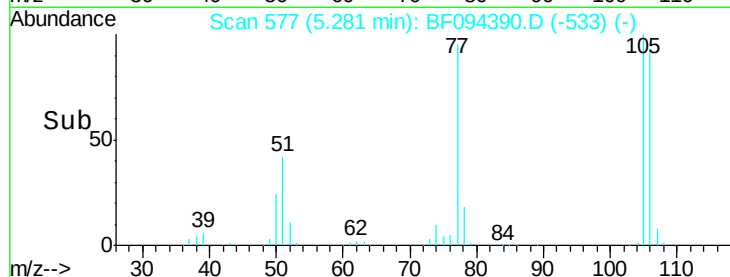
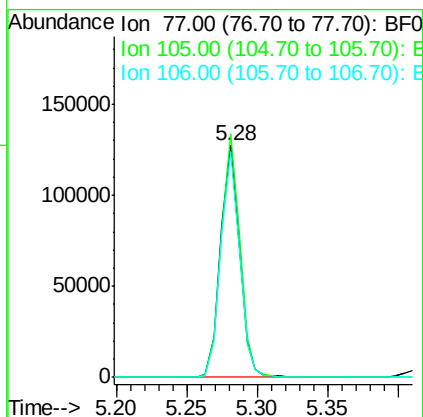
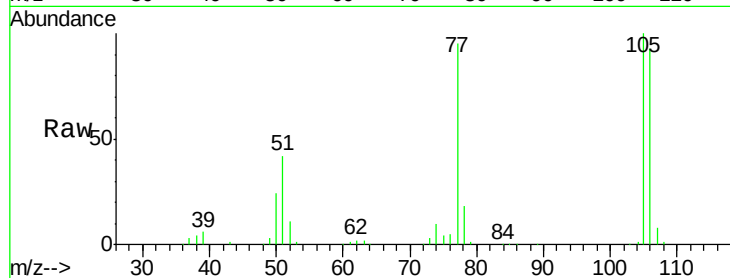
106 97.4 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 40.71 ng

RT: 5.44 min Scan# 604

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

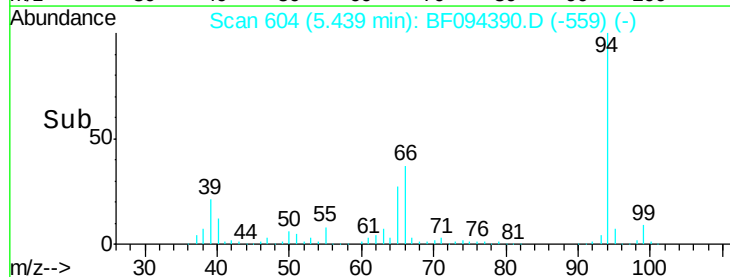
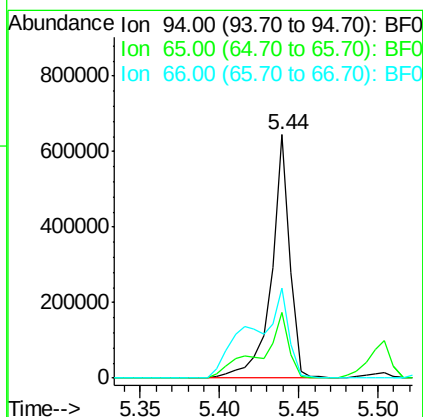
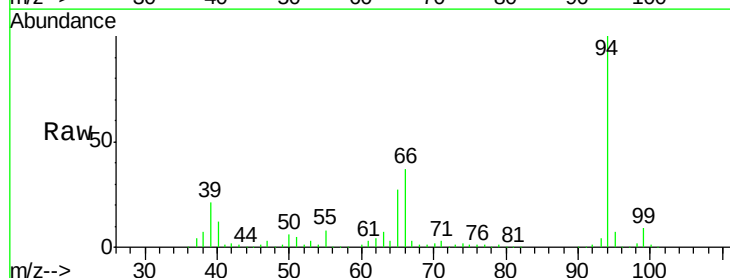
Tgt Ion: 94 Resp: 523060

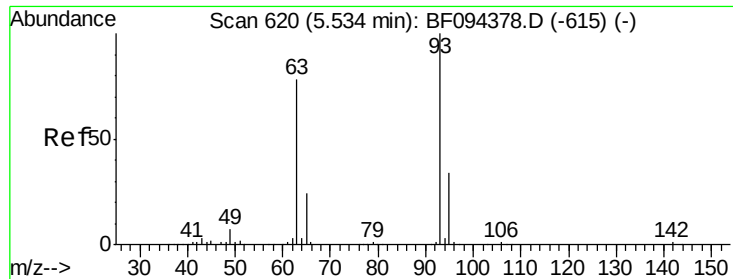
Ion Ratio Lower Upper

94 100

65 27.2 9.9 49.9

66 37.2 23.1 63.1





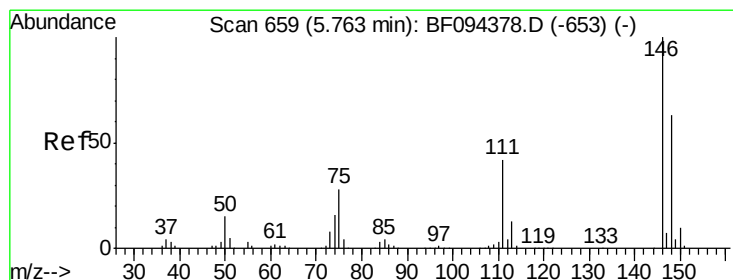
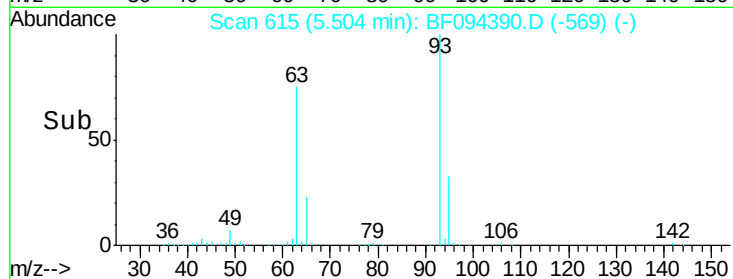
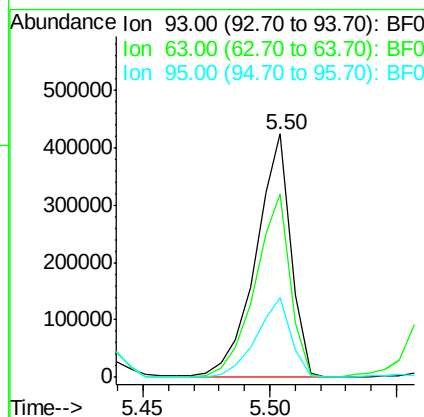
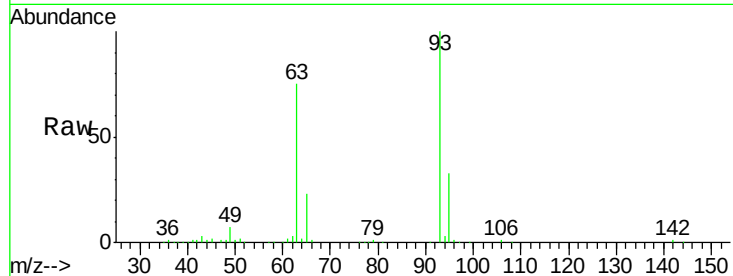
#11
bis(2-Chloroethyl)ether
Concen: 40.25 ng
RT: 5.50 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	59.2	99.2
95	33.0	12.8	52.8

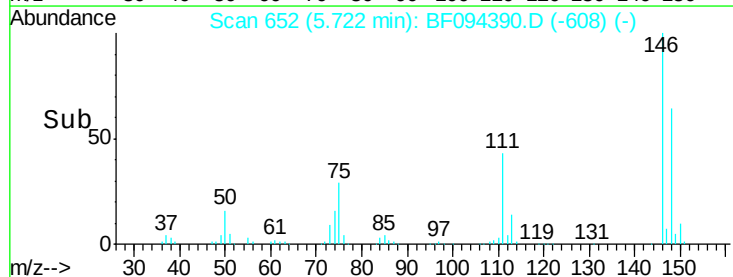
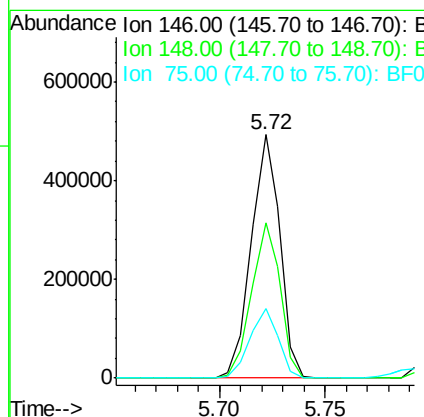
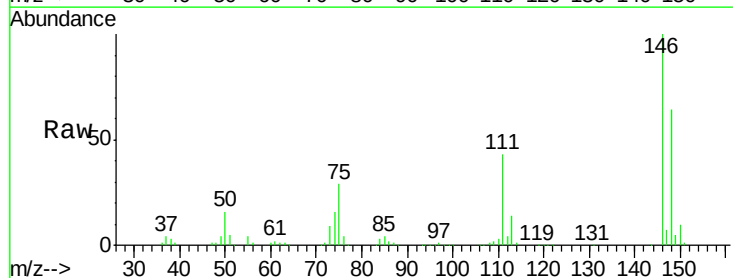
Manual Integrations
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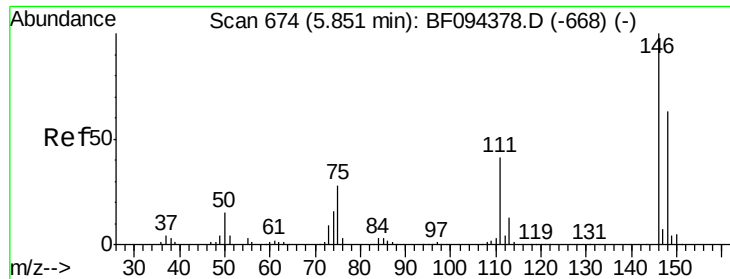
mohammad
4/14/2017 1:37:12 PM



#12
1,3-Dichlorobenzene
Concen: 41.29 ng
RT: 5.72 min Scan# 652
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
75	28.8	23.1	34.7





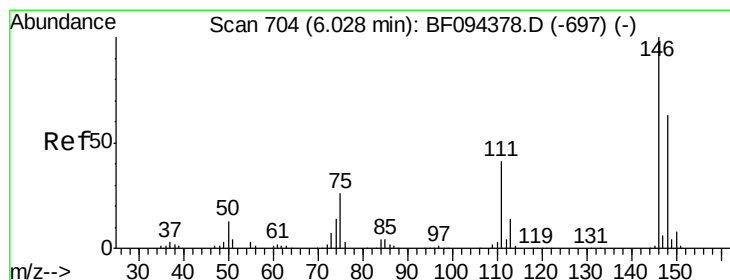
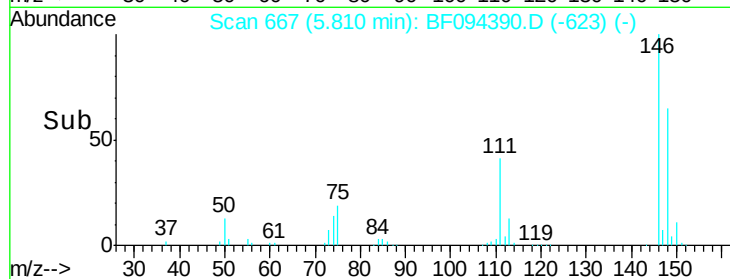
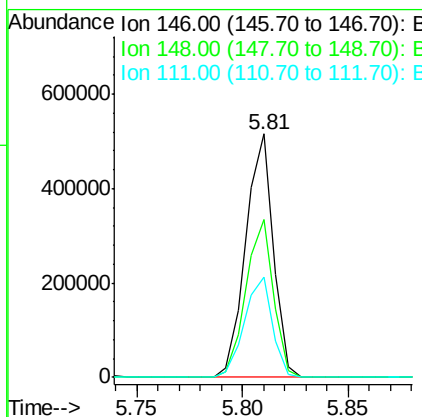
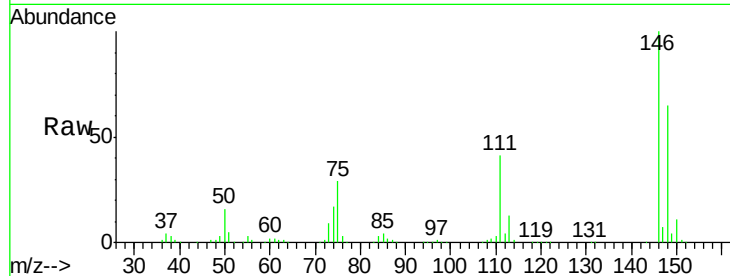
#13
 1,4-Dichlorobenzene
 Concen: 41.04 ng
 RT: 5.81 min Scan# 667
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.9	52.2	78.2	
111	41.0	30.3	45.5	

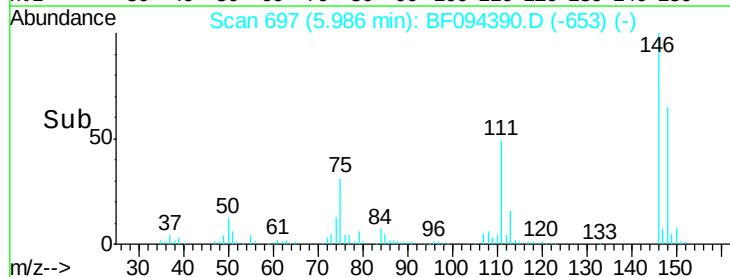
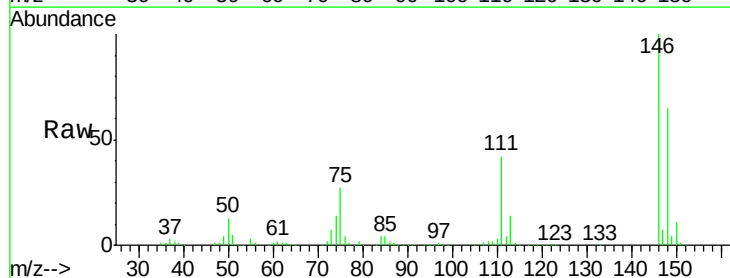
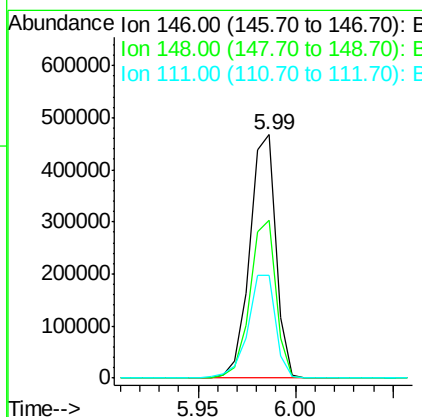
Manual Integrations
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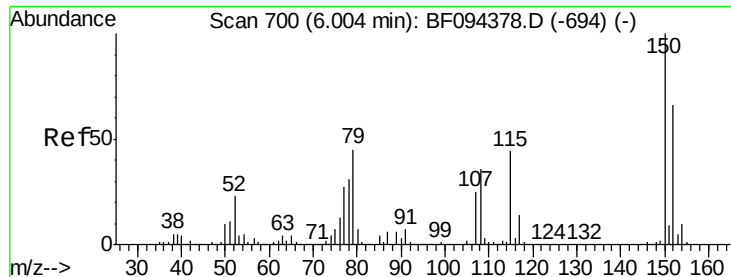
mohammad
 4/14/2017 1:37:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.45 ng
 RT: 5.99 min Scan# 697
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.0	50.4	75.6	
111	42.3	38.2	57.4	





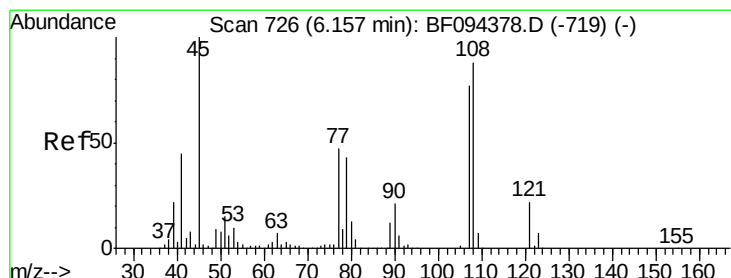
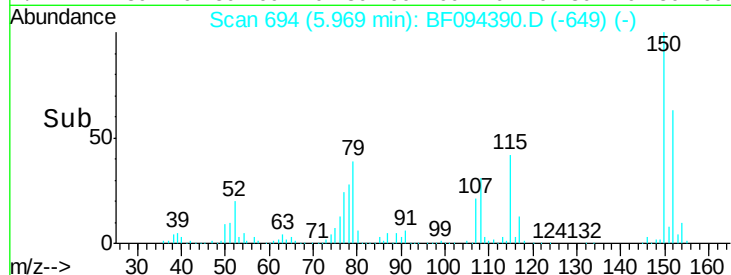
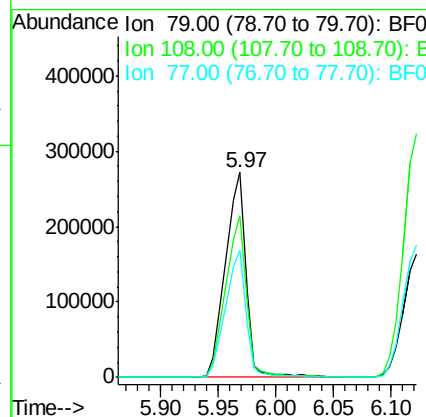
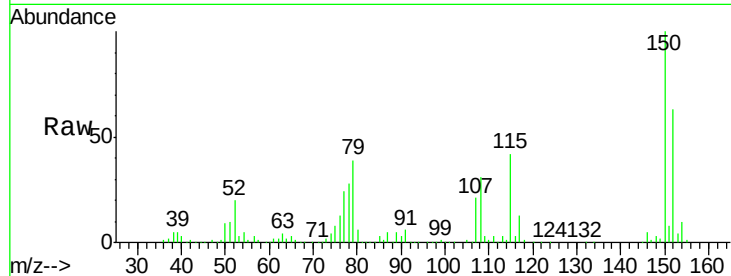
#15
Benzyl Alcohol
Concen: 40.91 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	63.4	95.0
77	61.8	49.2	73.8

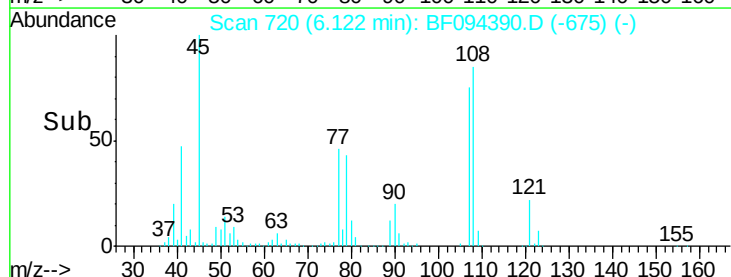
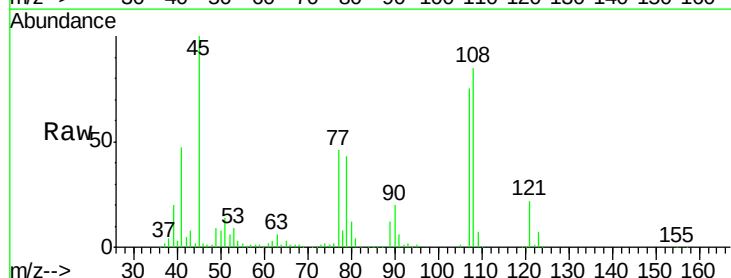
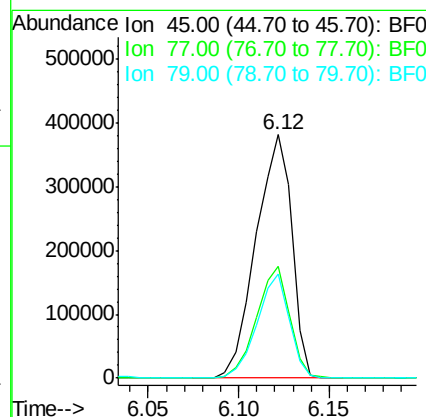
Manual Integrations
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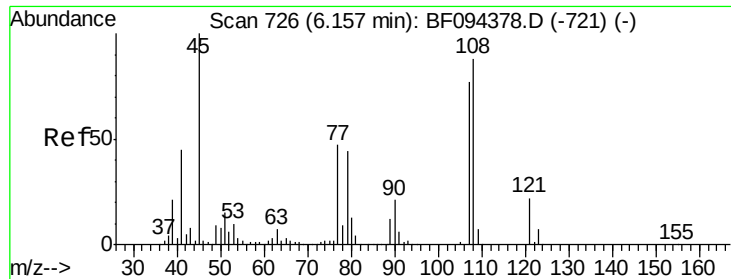
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.76 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	45.9	0.0	33.2#
79	42.6	0.0	30.0#





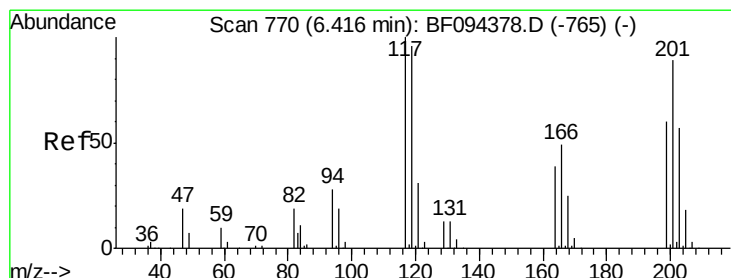
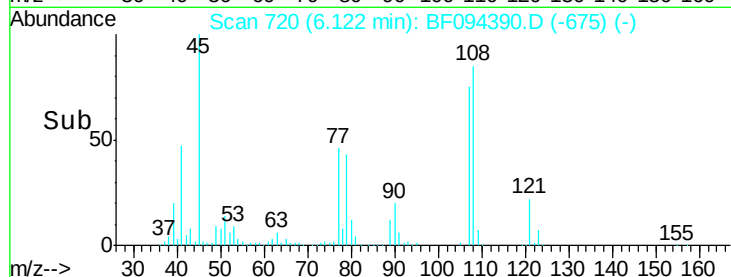
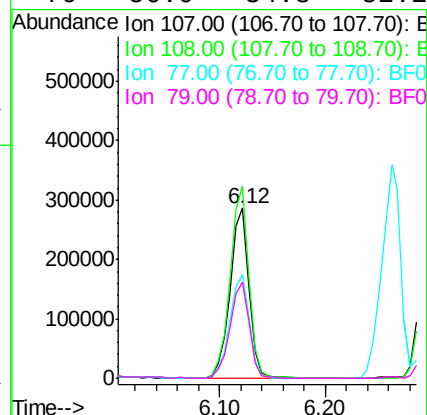
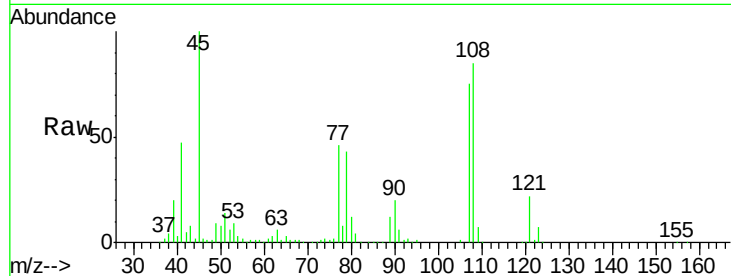
#17
2-Methylphenol
Concen: 40.98 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	93.4	140.0	
77	61.2	35.8	53.6#	
79	56.9	34.8	52.2#	

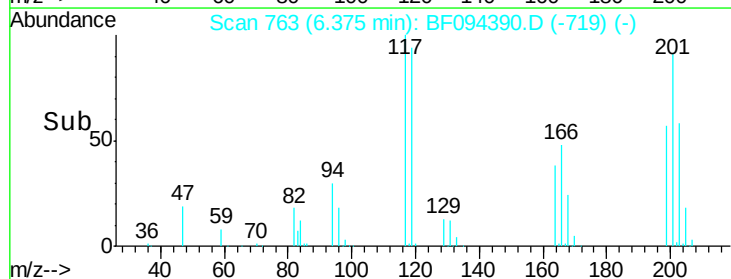
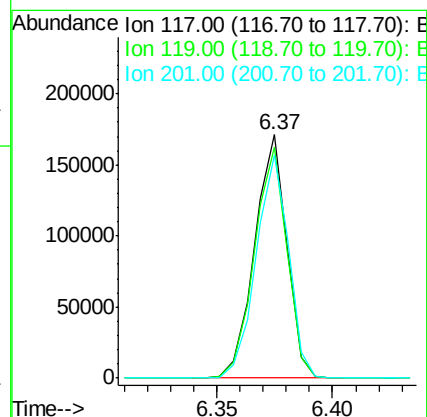
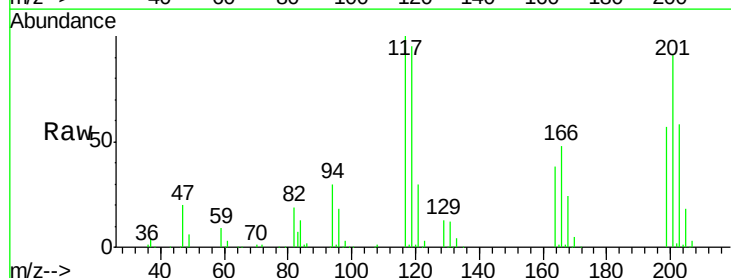
Manual Integrations
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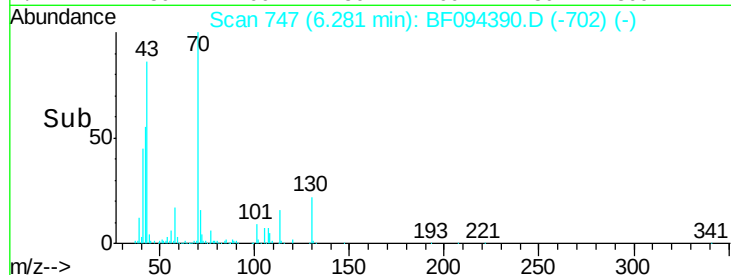
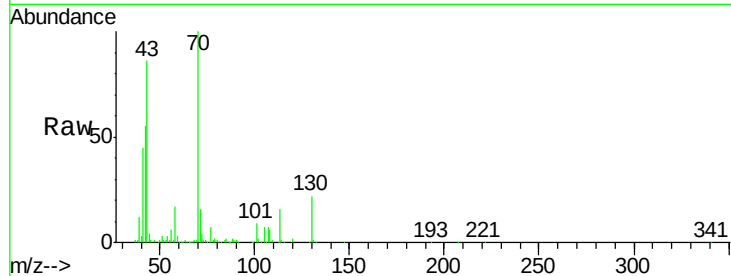
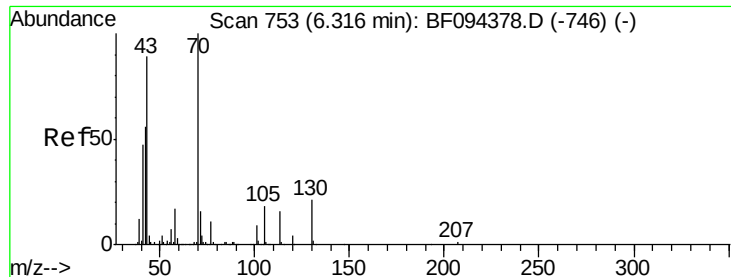
mohammad
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#18
Hexachloroethane
Concen: 41.51 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.4	116.0	
201	91.5	94.6	141.8#	





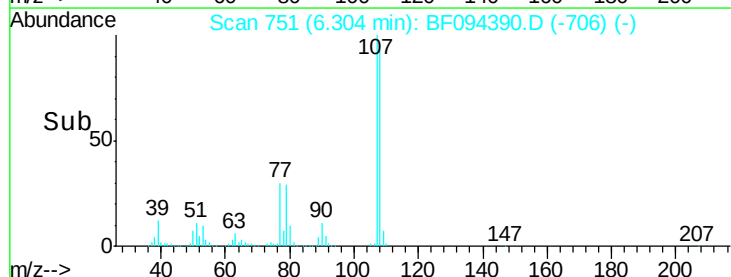
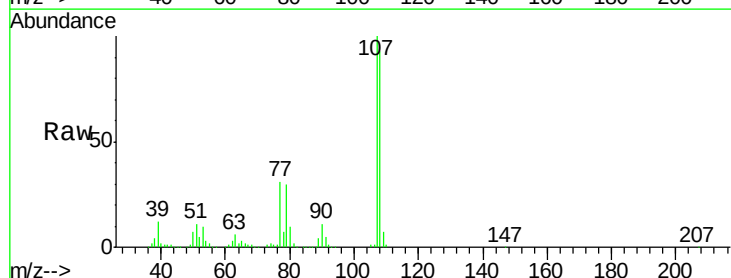
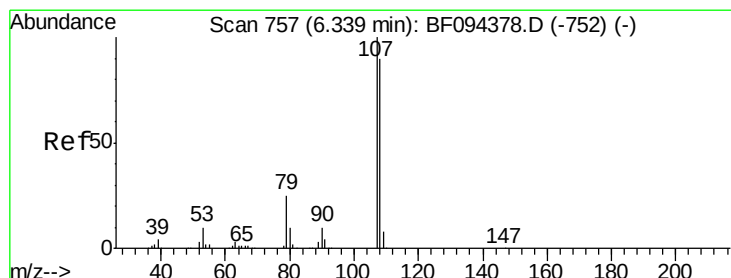
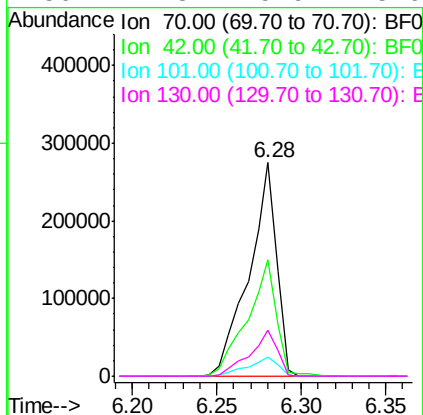
#19
n-Nitroso-di-n-propylamine
Concen: 43.43 ng
RT: 6.28 min Scan# 747
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Manual Integrations
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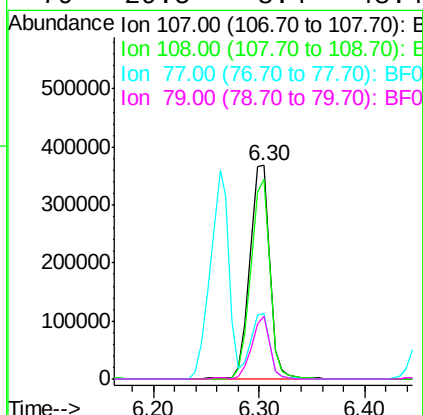
mohammad
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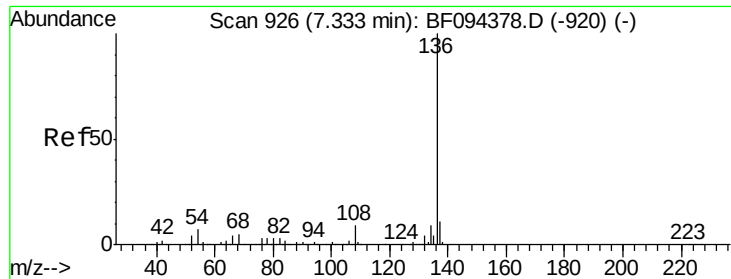
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.6	47.2	70.8	
101	9.2	7.2	10.8	
130	21.8	15.9	23.9	



#20
3+4-Methylphenols
Concen: 47.24 ng
RT: 6.30 min Scan# 751
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.3	71.0	111.0	
77	30.8	90.5	130.5#	
79	29.5	8.4	48.4	





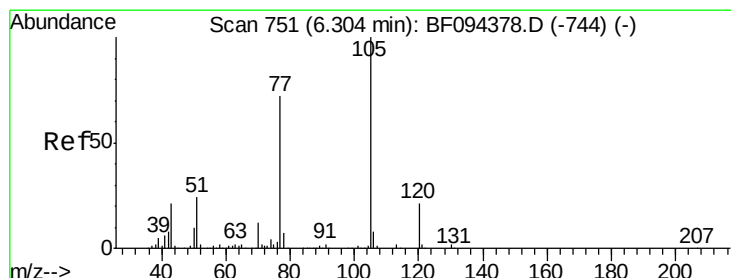
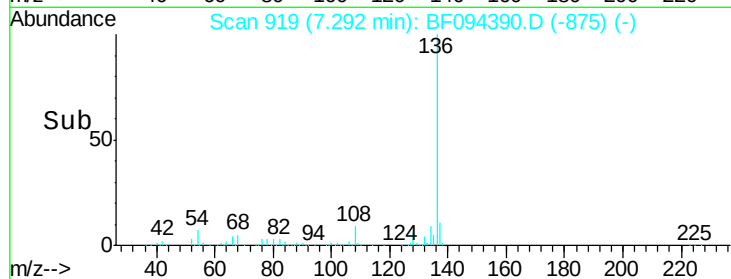
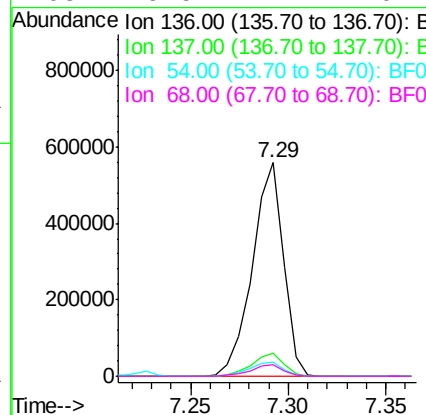
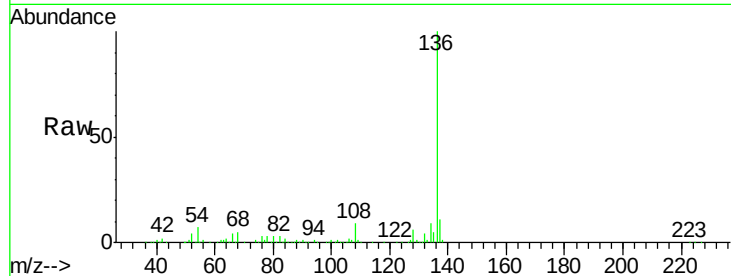
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.29 min Scan# 919
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	616060		
137	10.7		8.5	12.7
54	6.9		4.9	7.3
68	5.5		4.1	6.1

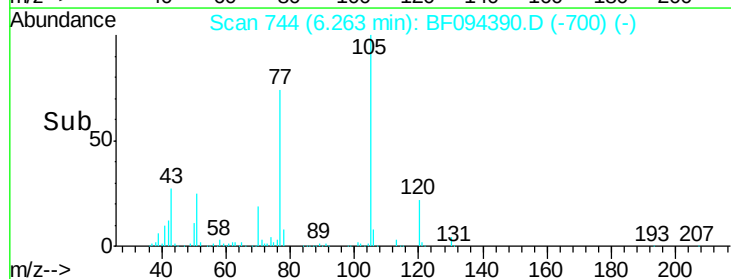
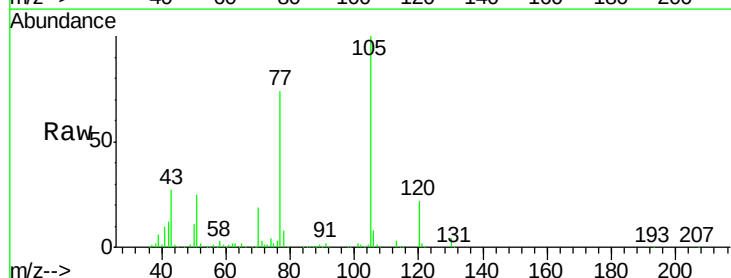
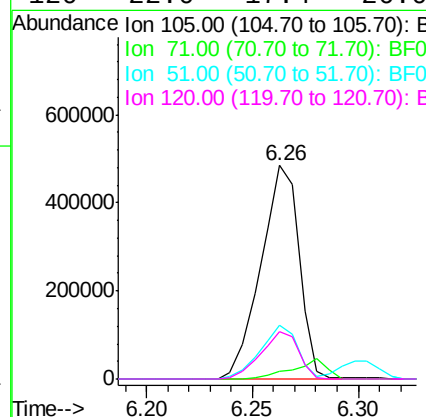
Manual Integrations
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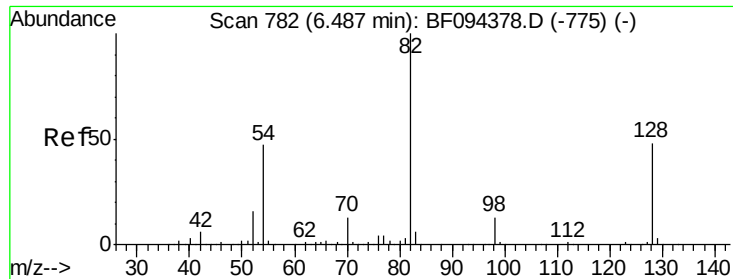
mohammad
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#22
Acetophenone
Concen: 44.61 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	612549		
71	3.4		2.8	4.2
51	25.1		30.7	46.1#
120	22.0		17.4	26.0





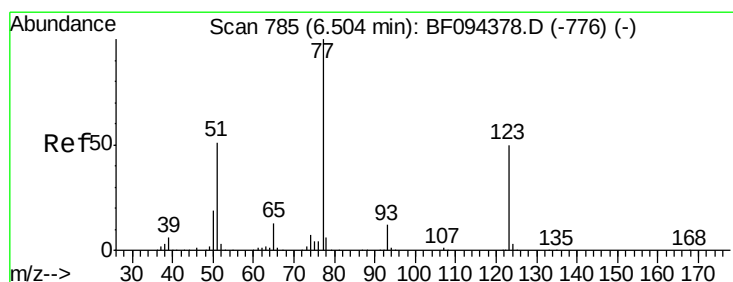
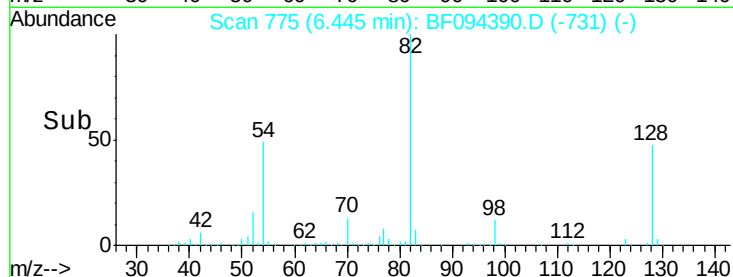
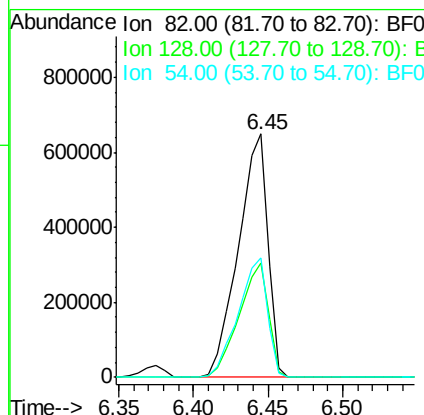
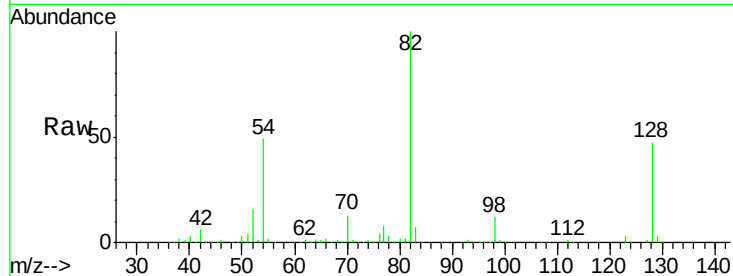
#23
Nitrobenzene-d5
Concen: 82.55 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	34.0	51.0	
54	49.1	42.2	63.2	

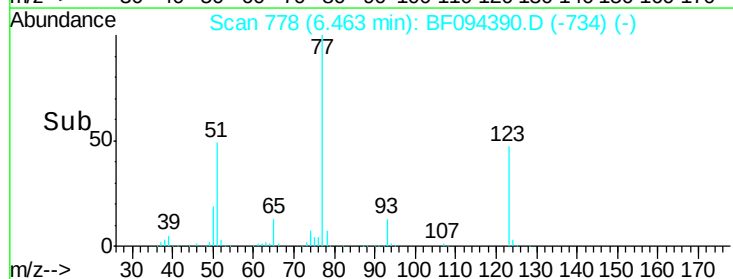
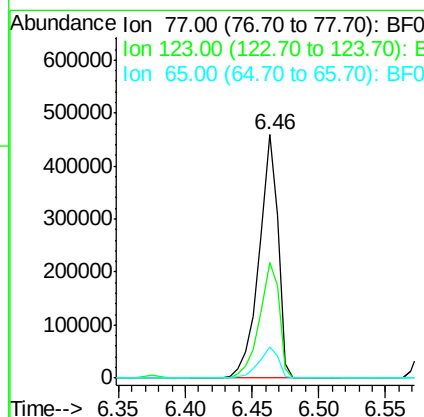
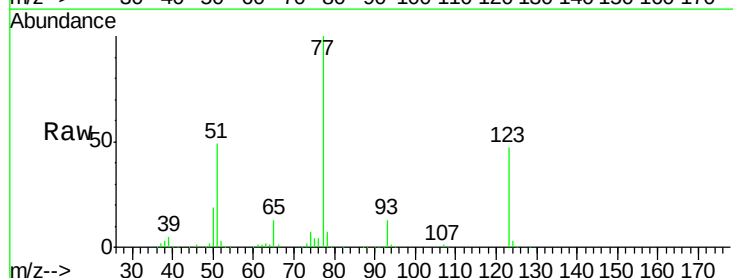
Manual Integrations
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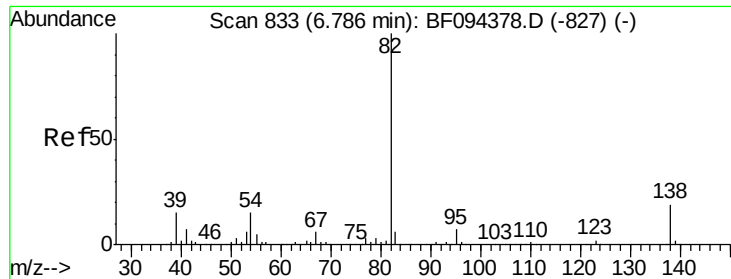
mohammad
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#24
Nitrobenzene
Concen: 41.62 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.4	35.8	53.8	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 42.29 ng

RT: 6.75 min Scan# 827

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

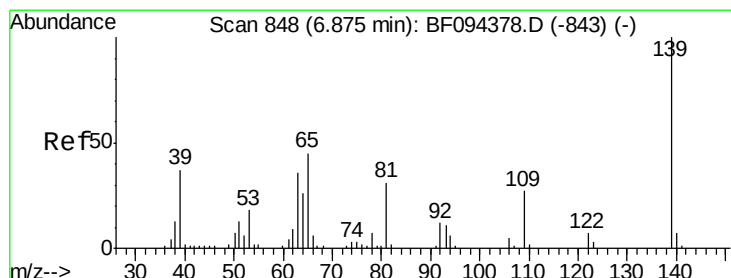
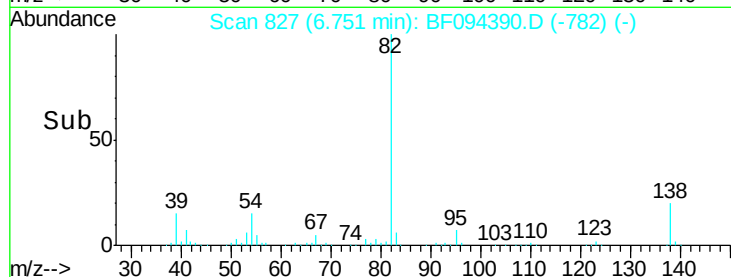
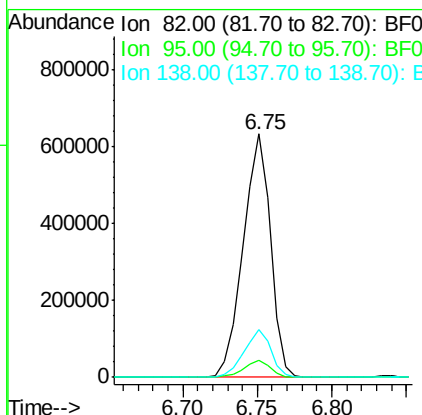
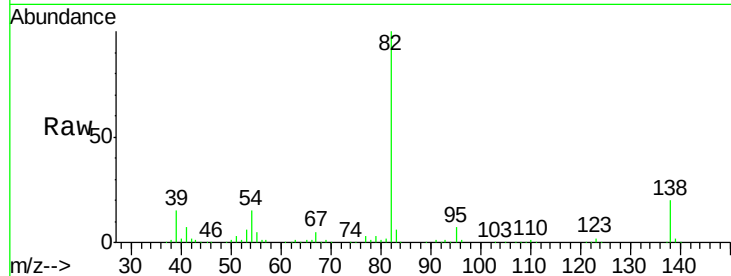
ClientSampleId :

PB98215BS

Tot Ion:	82	Resp:	802214
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.3	7.9
138	19.7	13.1	19.7#

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.67 ng

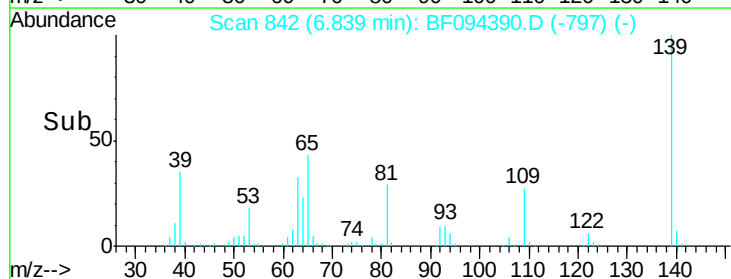
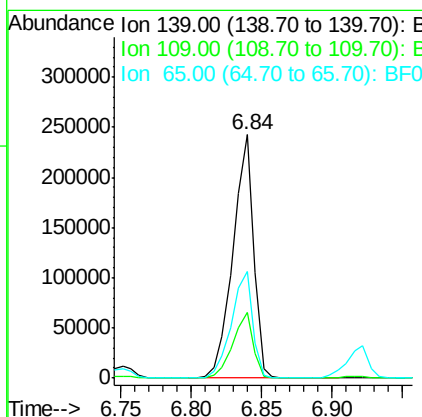
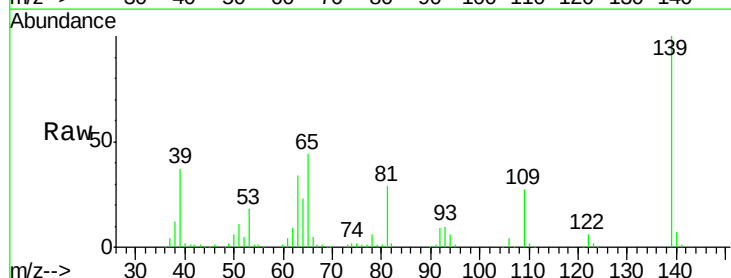
RT: 6.84 min Scan# 842

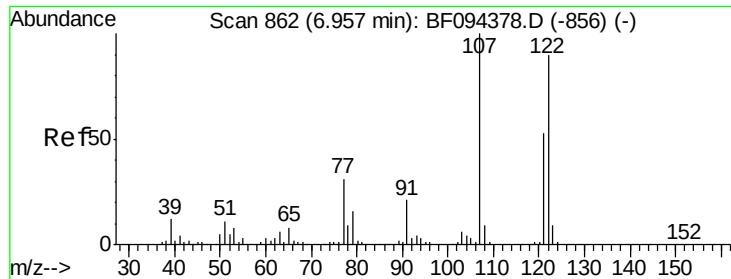
Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Tgt Ion:	139	Resp:	247104
Ion Ratio		Lower	Upper
139	100		
109	27.1	21.0	31.6
65	44.1	33.0	49.6





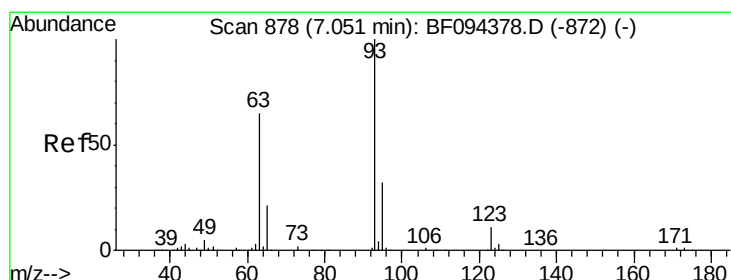
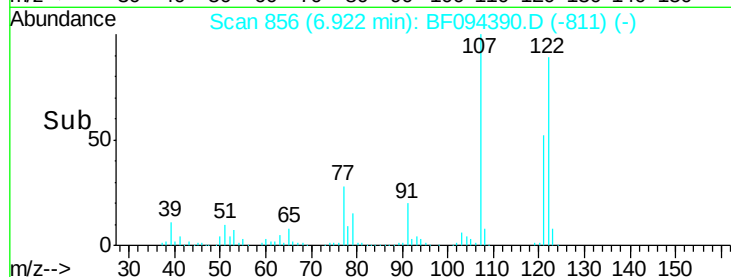
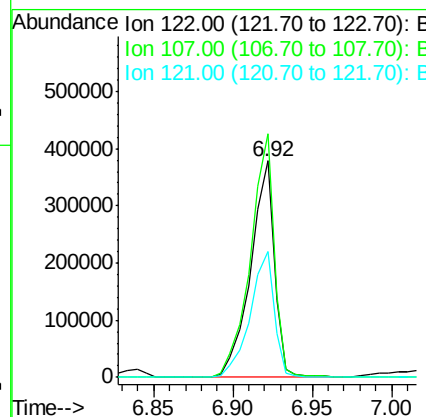
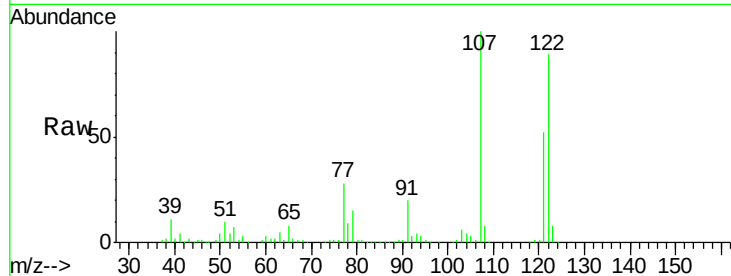
#27
2,4-Dimethylphenol
Concen: 45.24 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	395791		
107	112.5	89.2	133.8	
121	58.2	45.2	67.8	

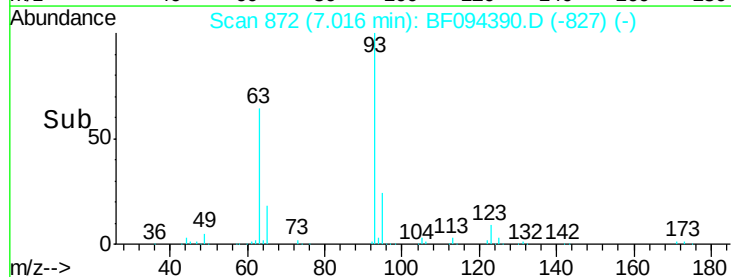
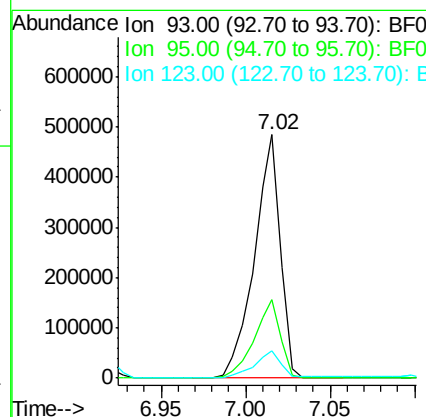
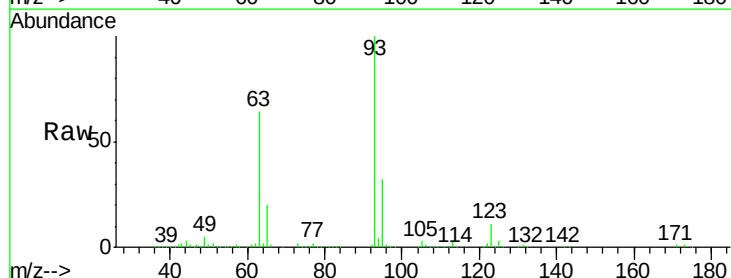
Manual Integrations
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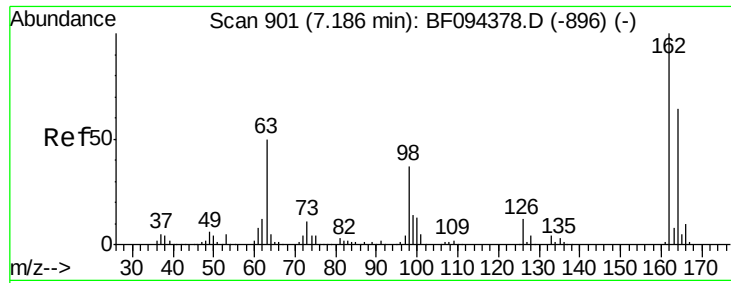
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.46 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	518620		
95	32.3	26.5	39.7	
123	11.4	9.0	13.4	





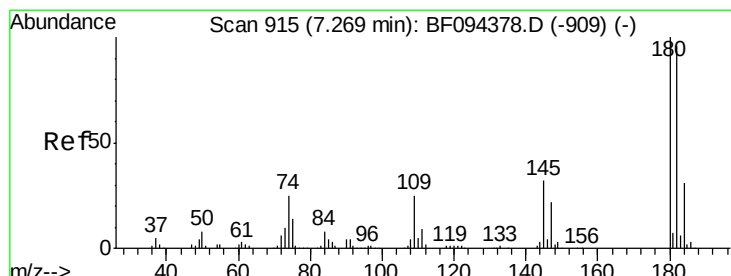
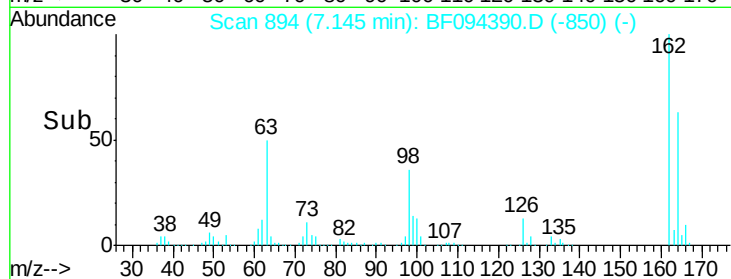
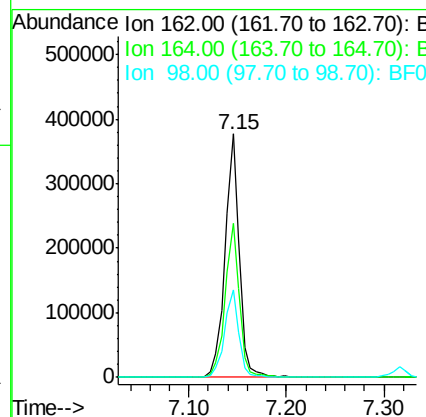
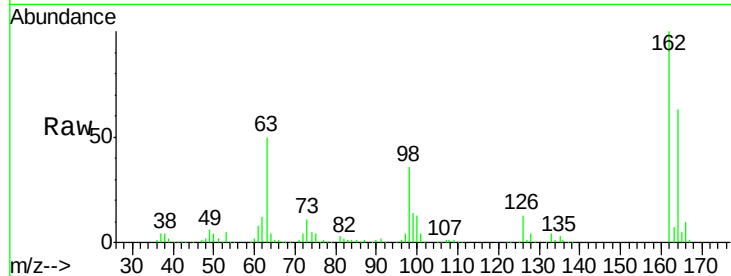
#29
2,4-Dichlorophenol
Concen: 46.83 ng
RT: 7.15 min Scan# 894
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		383051		
164	63.5	44.6	84.6		
98	36.1	14.8	54.8		

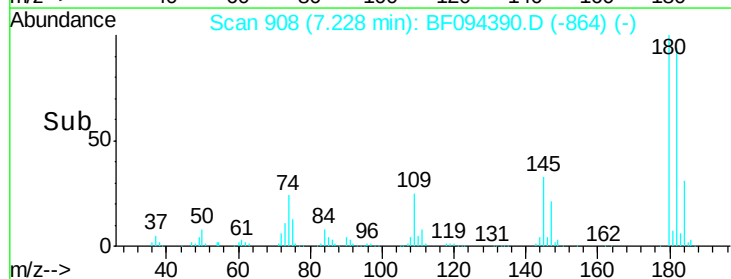
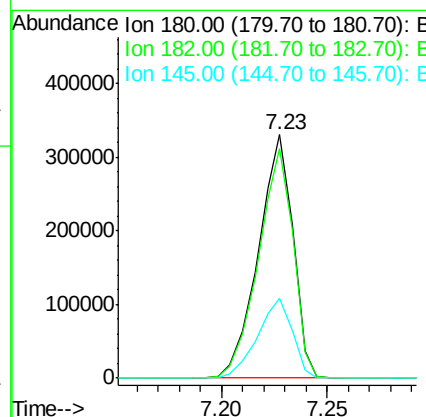
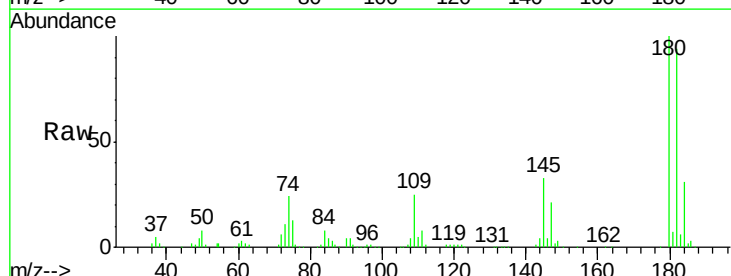
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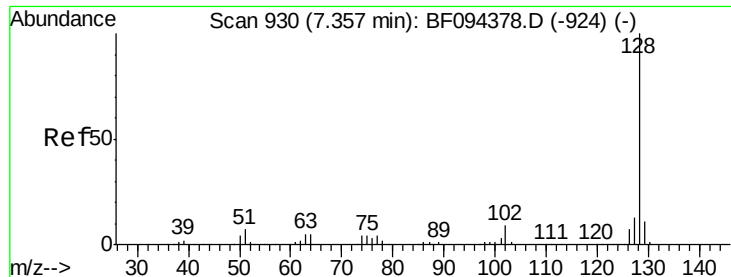
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.57 ng
RT: 7.23 min Scan# 908
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		375540		
182	94.4	75.8	113.6		
145	32.5	25.3	37.9		





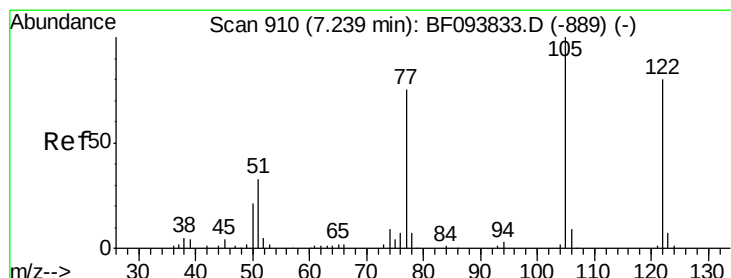
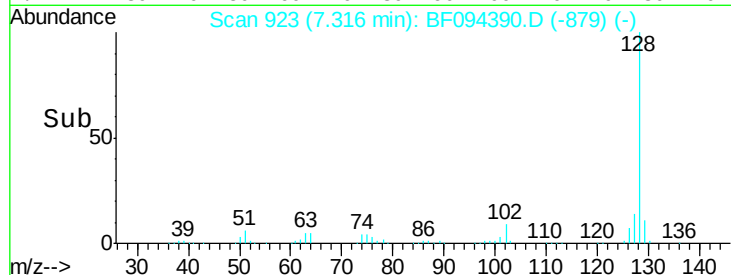
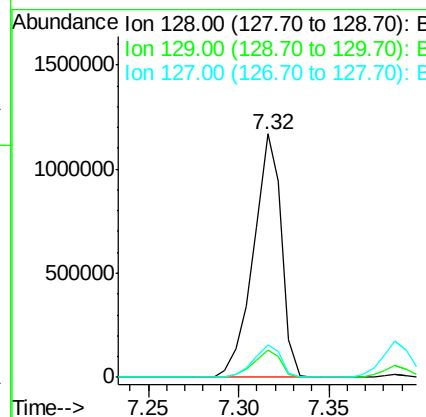
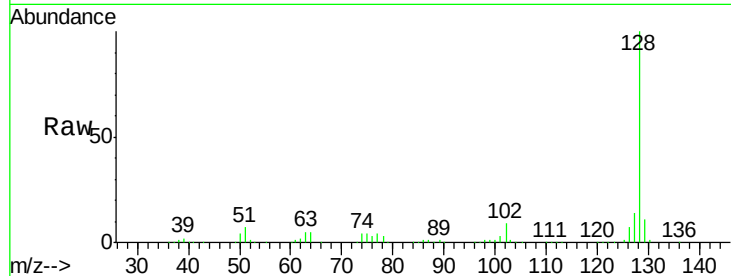
#31
Naphthalene
Concen: 42.05 ng
RT: 7.32 min Scan# 923
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.8	16.2

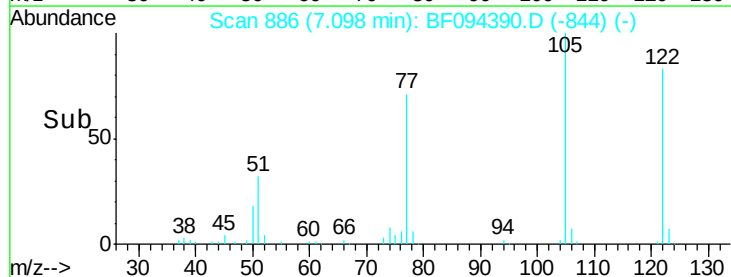
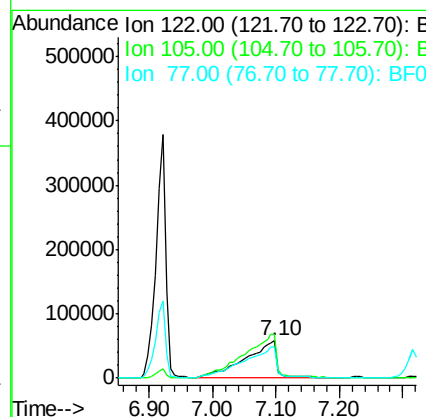
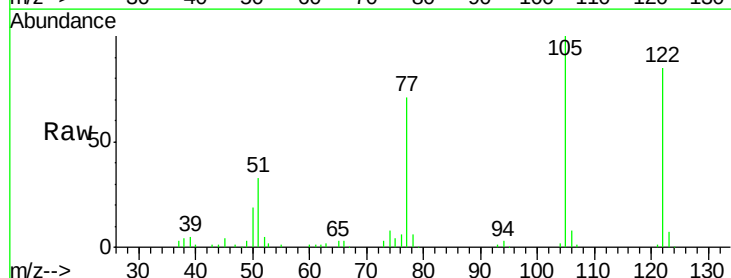
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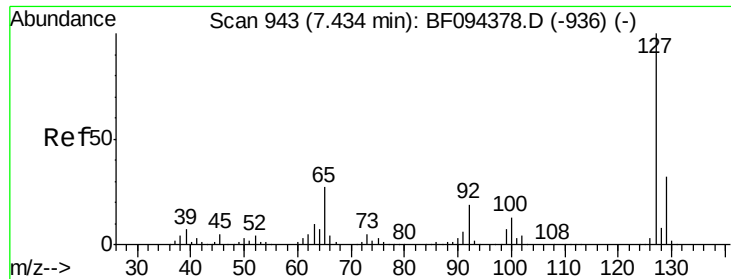
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#32
Benzoic acid
Concen: 34.84 ng
RT: 7.10 min Scan# 886
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	103.3	143.3
77	84.3	73.7	113.7





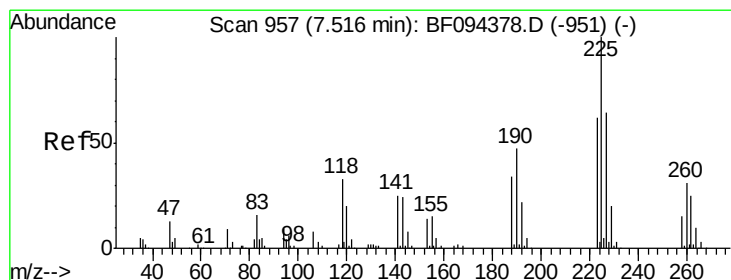
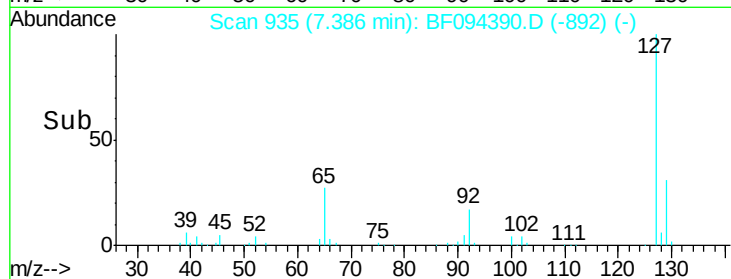
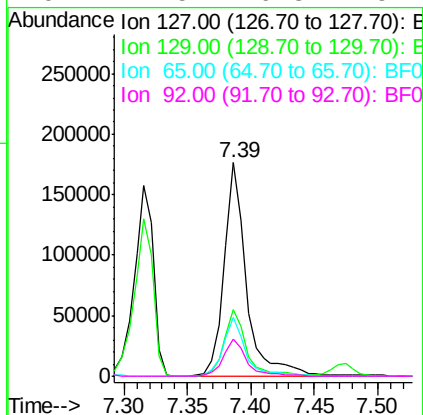
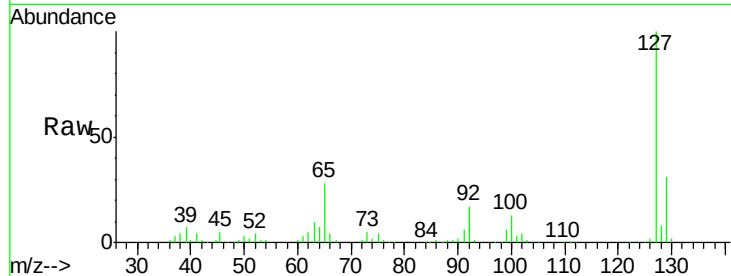
#33
4-Chloroaniline
Concen: 17.93 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	27.7	27.8	41.8
92	17.5	16.8	25.2

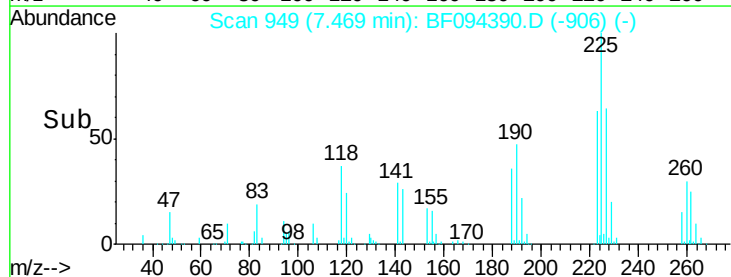
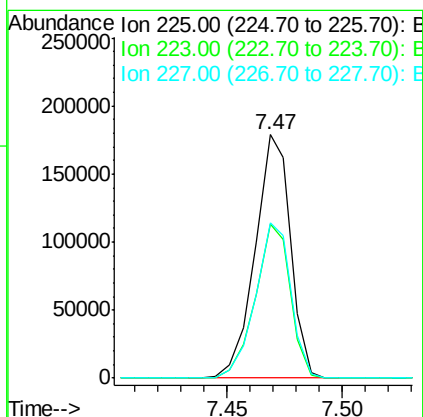
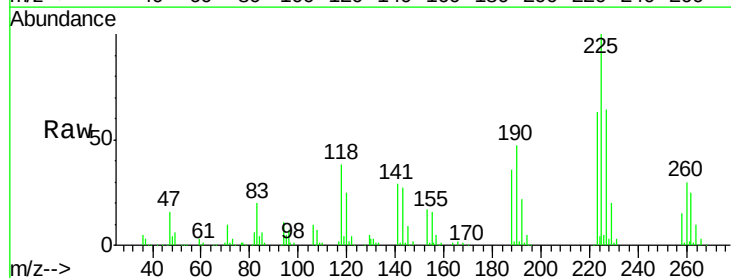
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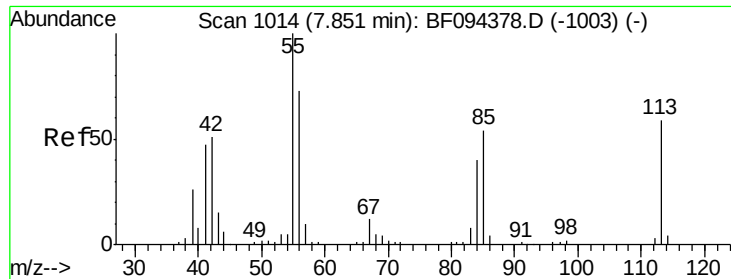
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#34
Hexachlorobutadiene
Concen: 44.14 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	63.5	51.1	76.7





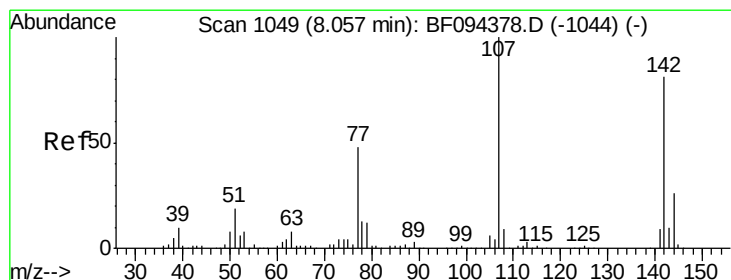
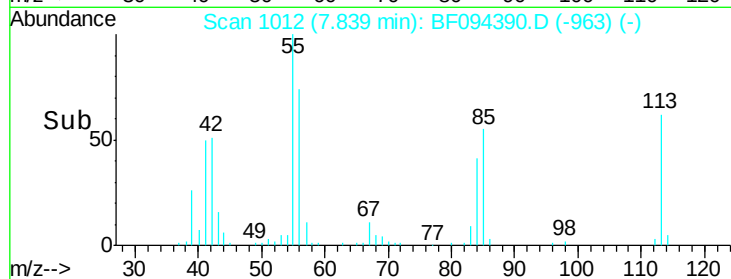
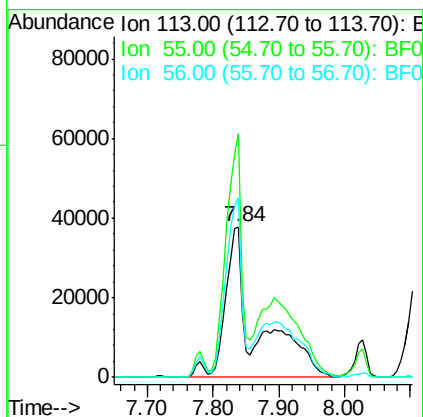
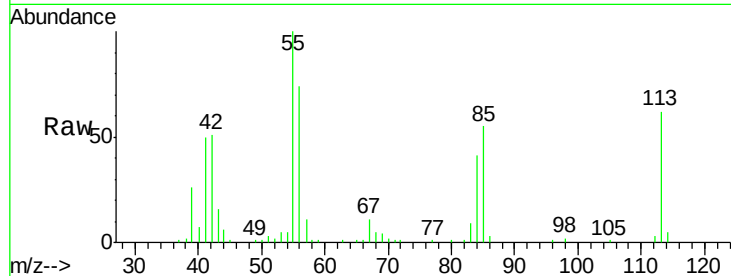
#35
 Caprolactam
 Concen: 46.94 ng/ml
 RT: 7.84 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	161.8		150.2	190.2	
56	119.1		107.8	147.8	

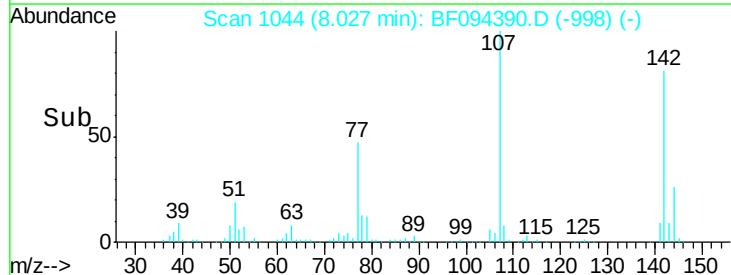
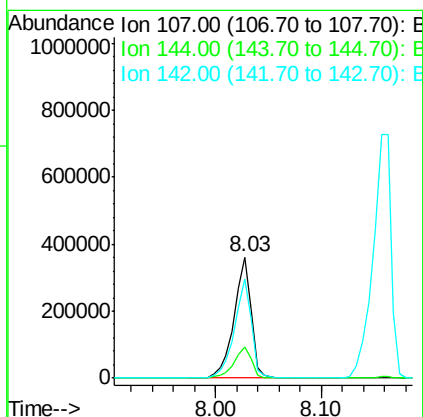
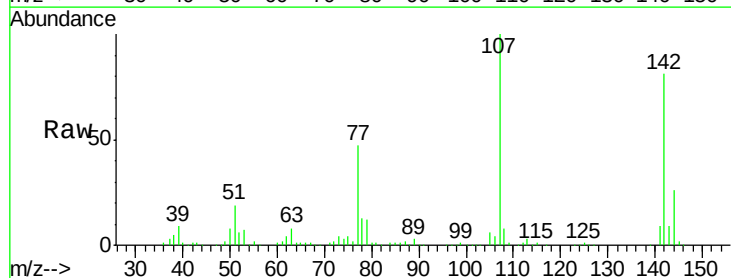
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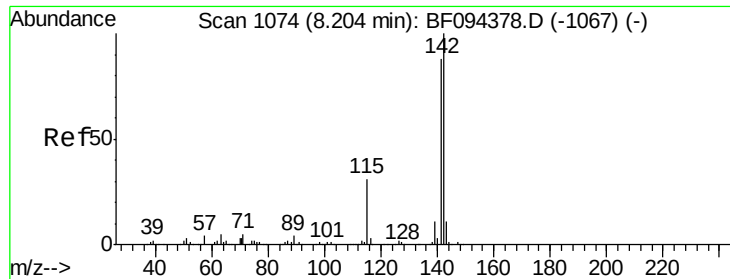
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#36
 4-Chloro-3-methylphenol
 Concen: 47.30 ng/ml
 RT: 8.03 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2		24.2	36.4	
142	81.5		73.4	110.0	





#37

2-Methylnaphthalene

Concen: 44.48 ng

RT: 8.16 min Scan# 1067

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

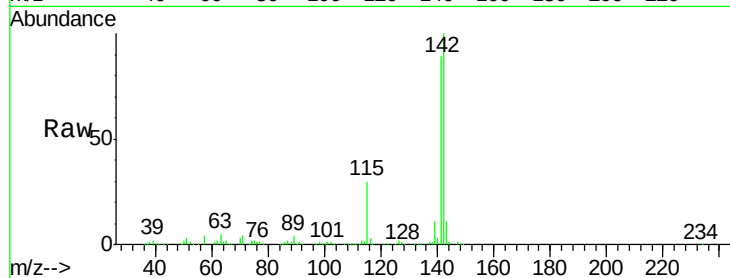
ClientSampleId :

PB98215BS

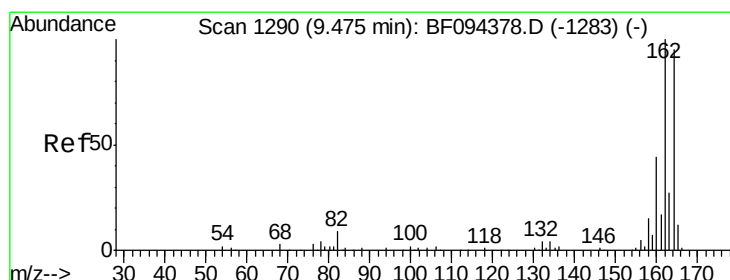
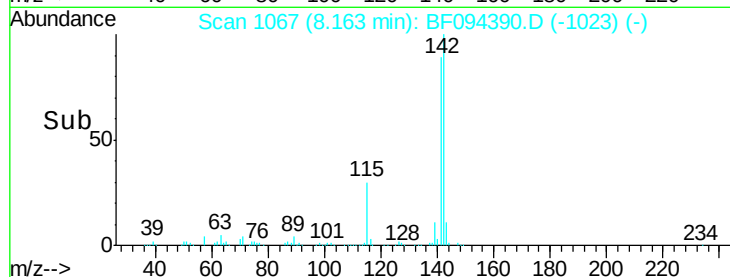
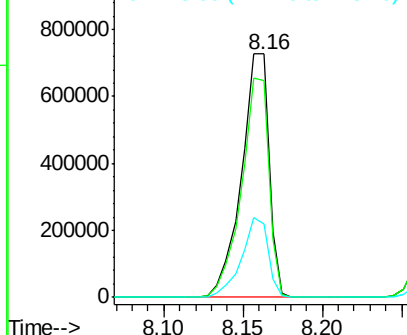
Tot Ion:	142	Resp:	878402
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.3	106.9
115	30.3	27.1	40.7

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



#38

Acenaphthene-d10

Concen: 20.00 ng

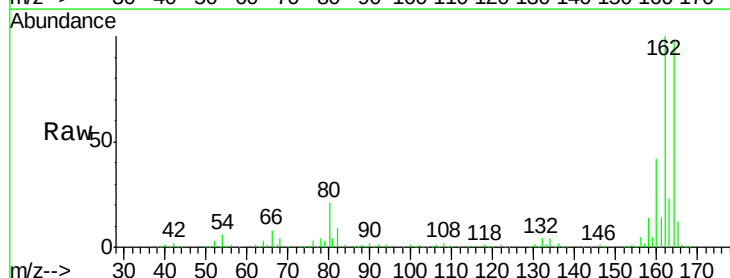
RT: 9.43 min Scan# 1282

Delta R.T. -0.05 min

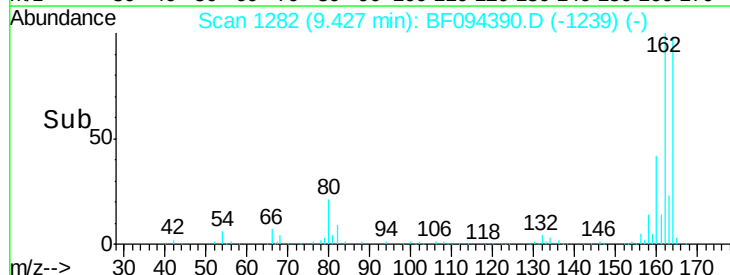
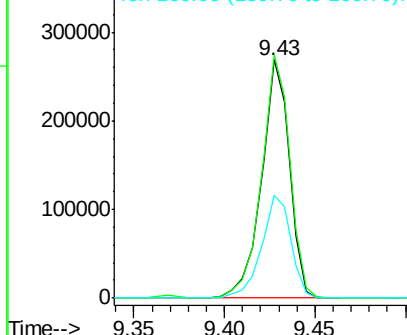
Lab File: BF094390.D

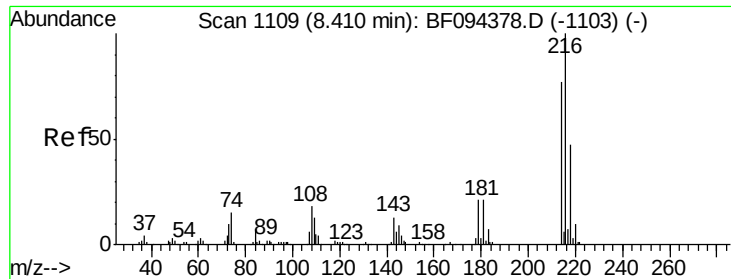
Acq: 13 Apr 2017 14:52

Tgt Ion:	164	Resp:	287924
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.6	123.8
160	43.3	36.2	54.2



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





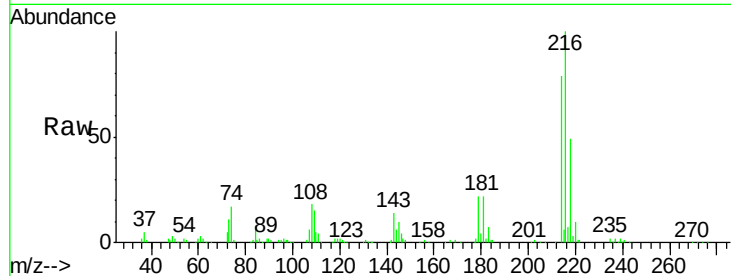
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.38 ng
 RT: 8.37 min Scan# 1102
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

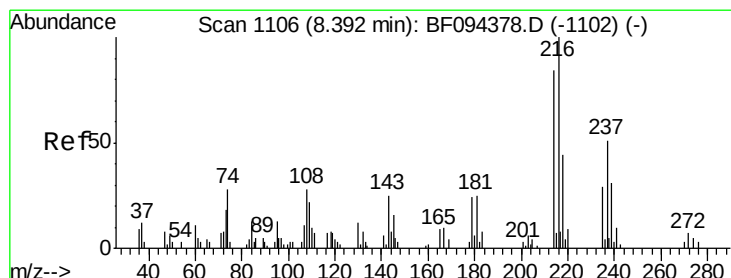
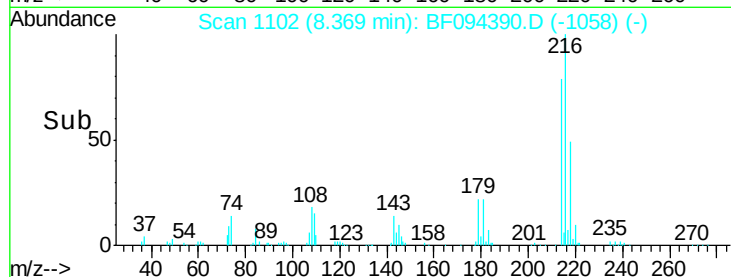
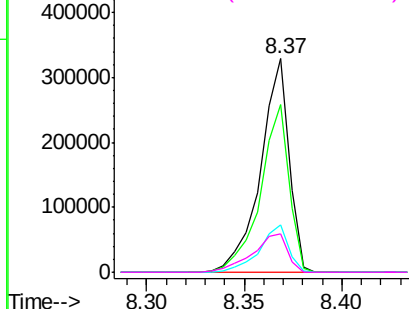
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.6	63.4	95.2		
179	22.4	17.9	26.9		
108	22.1	16.5	24.7		

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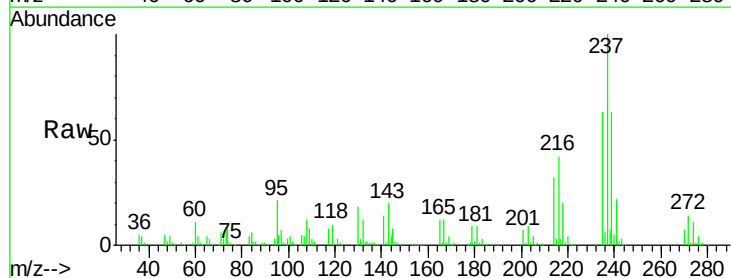


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

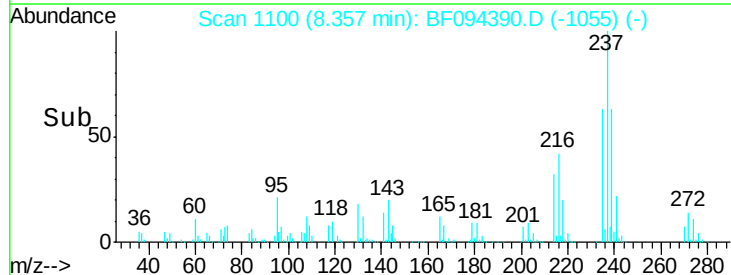
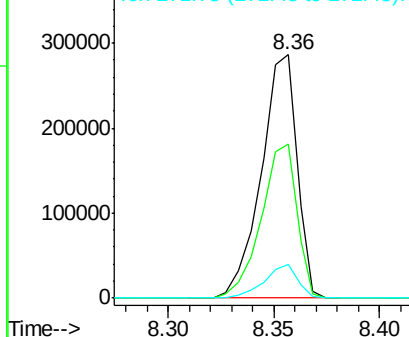


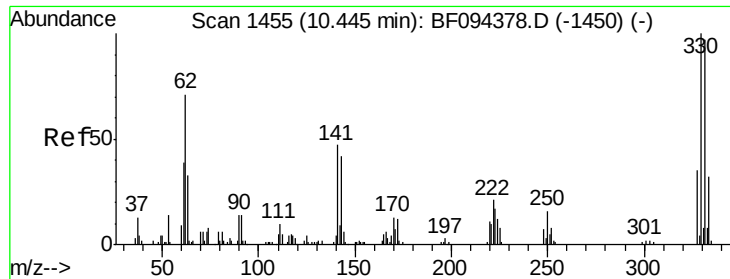
#40
 Hexachlorocyclopentadiene
 Concen: 91.83 ng
 RT: 8.36 min Scan# 1100
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2	42.6	82.6		
272	13.6	0.0	31.9		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





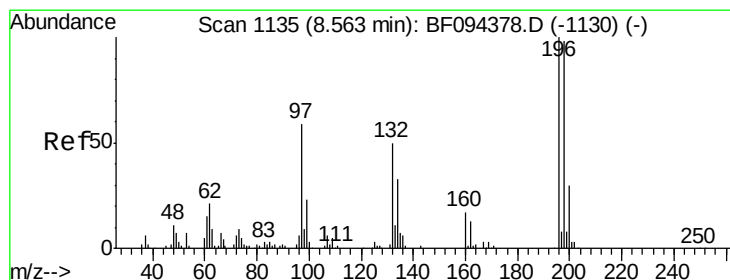
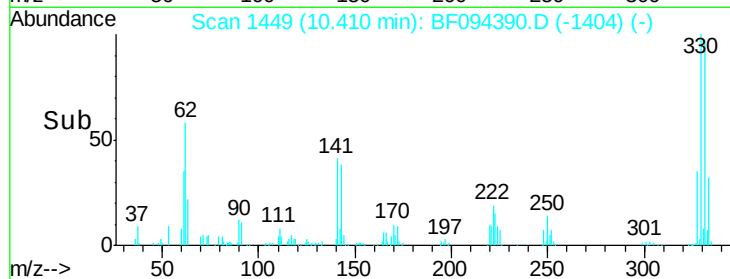
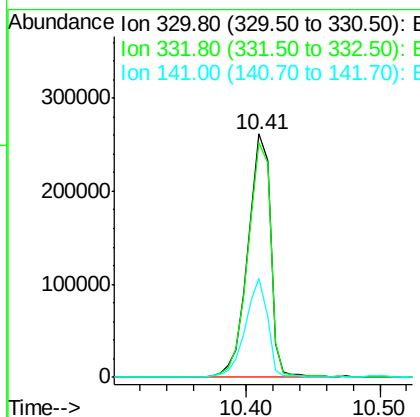
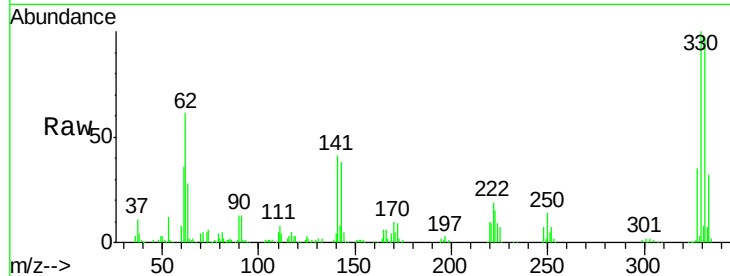
#41
 2,4,6-Tribromophenol
 Concen: 133.84 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	304523		
332	98.7	76.6	115.0	
141	40.5	31.4	47.2	

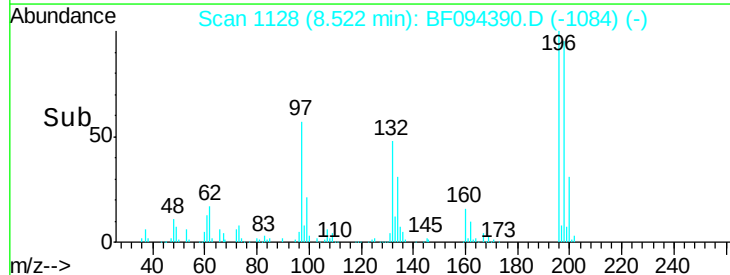
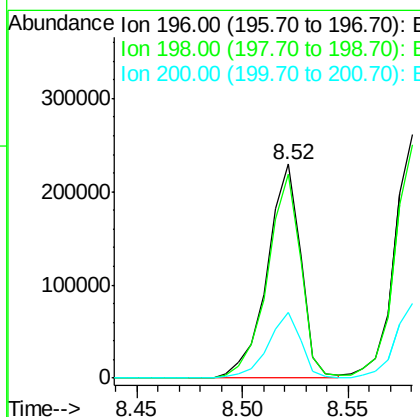
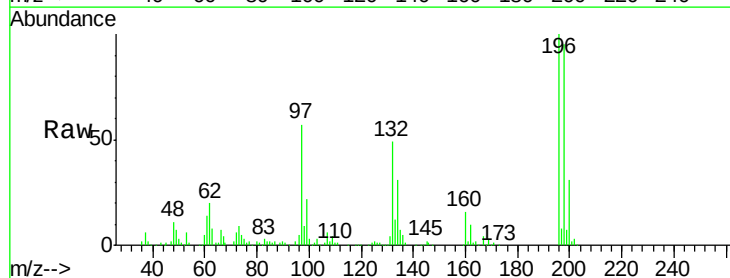
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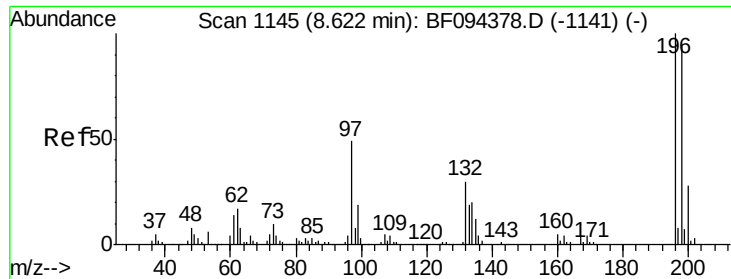
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#42
 2,4,6-Trichlorophenol
 Concen: 45.49 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253475		
198	95.0	74.2	111.4	
200	30.7	24.0	36.0	





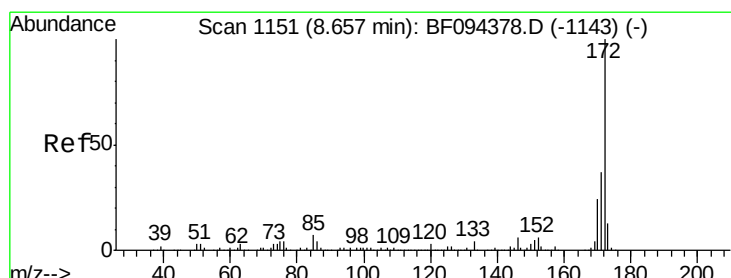
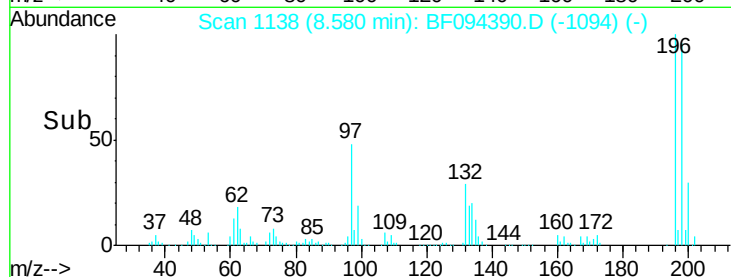
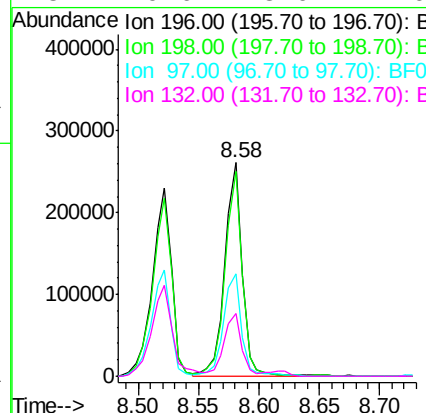
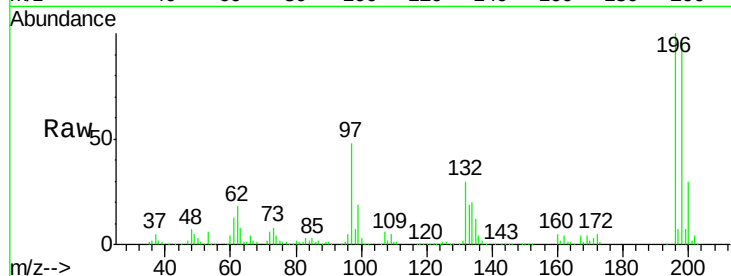
#43
 2,4,5-Trichlorophenol
 Concen: 42.75 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampled :
 PB98215BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		257774		
198	95.7	75.7	113.5		
97	47.9	47.7	71.5		
132	29.6	28.0	42.0		

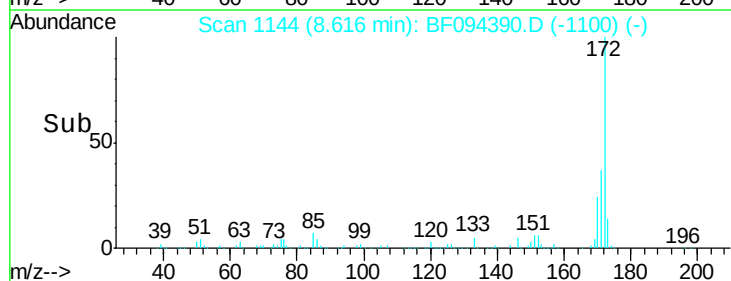
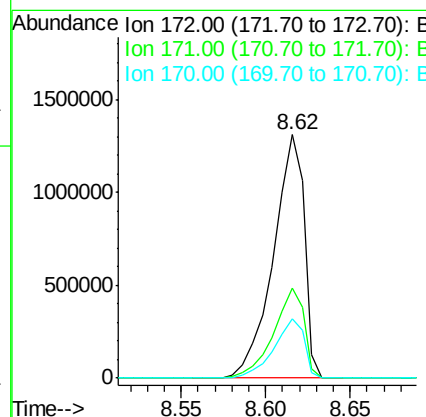
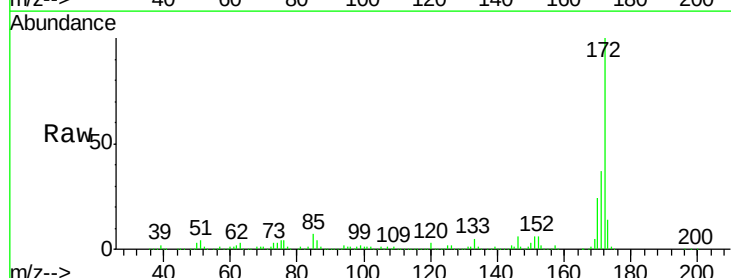
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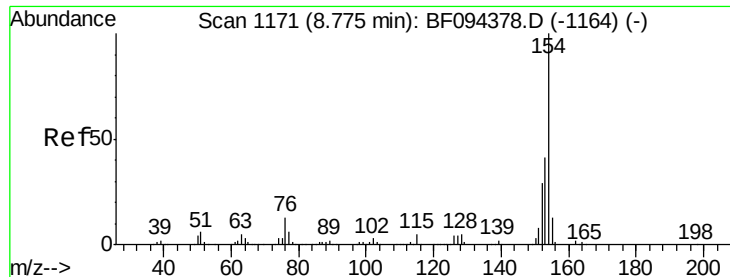
mohammad
 4/14/2017 1:37:12 PM



#44
 2-Fluorobiphenyl
 Concen: 88.21 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1665061		
171	37.0	29.6	44.4		
170	24.4	19.8	29.8		





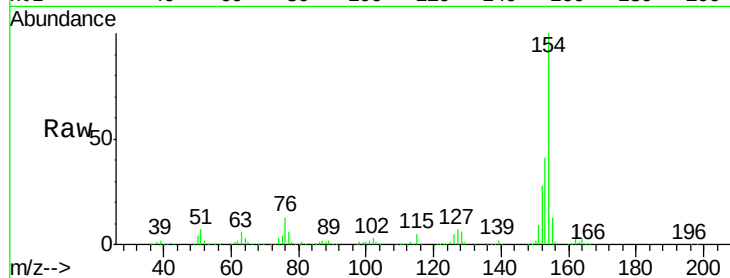
#45
 1,1'-Biphenyl
 Concen: 42.18 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

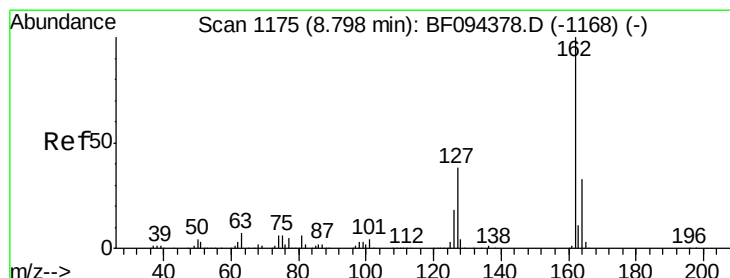
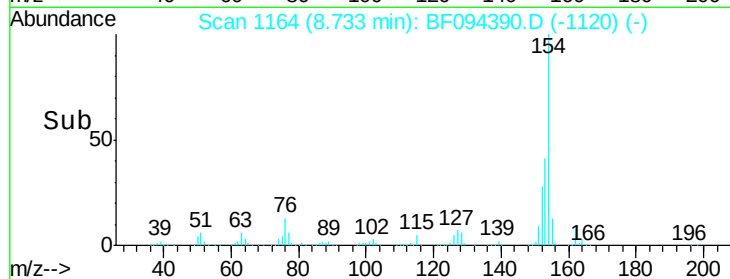
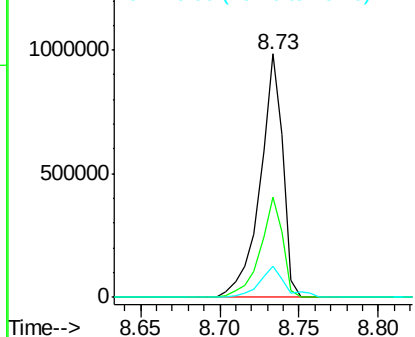
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.2	61.2	
76	12.5	0.0	29.9	

Manual Integrations
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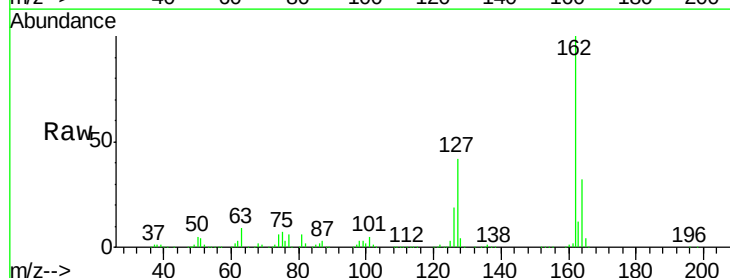


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

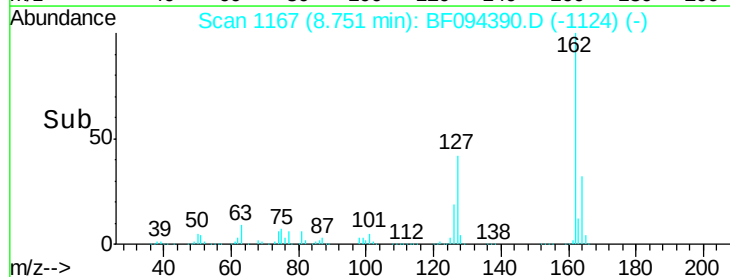
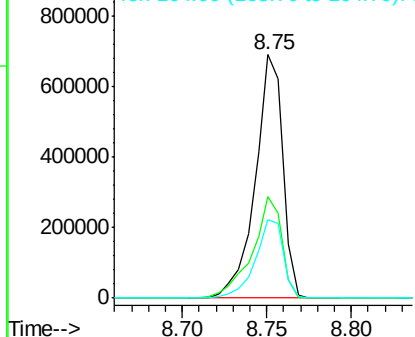


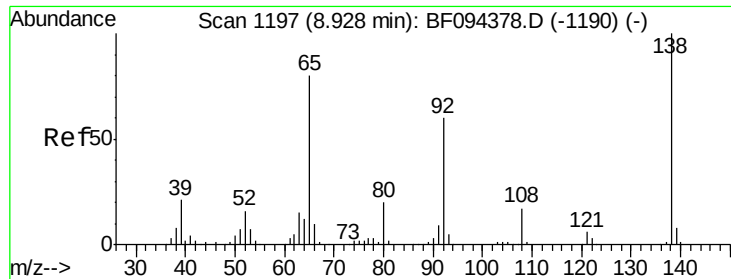
#46
 2-Chloronaphthalene
 Concen: 43.09 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.05 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.7	28.3	42.5	
164	32.5	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





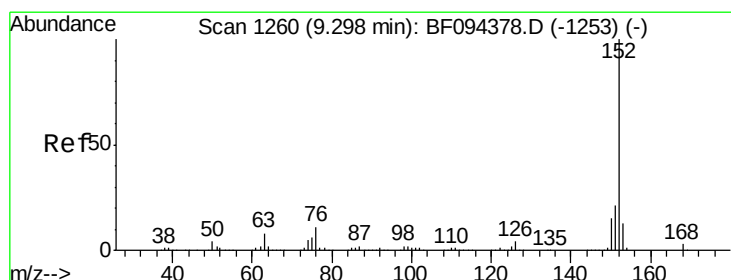
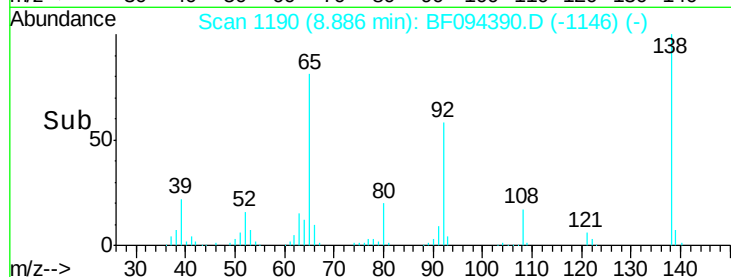
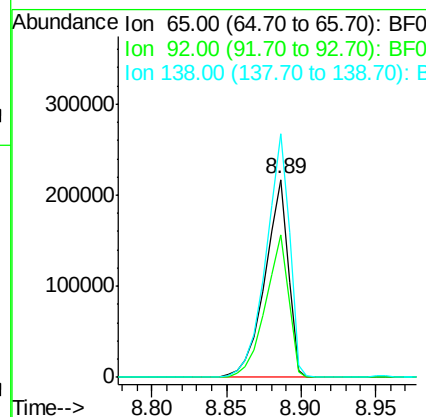
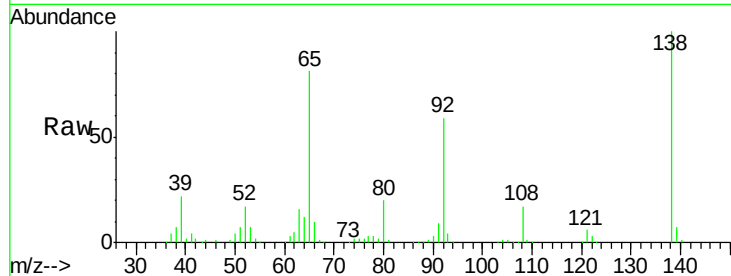
#47
2-Nitroaniline
Concen: 43.08 ng
RT: 8.89 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	123.0	78.8	118.2

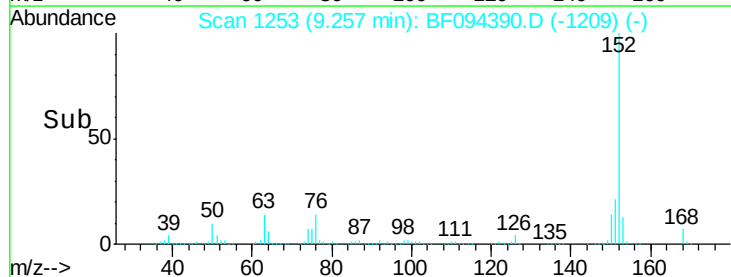
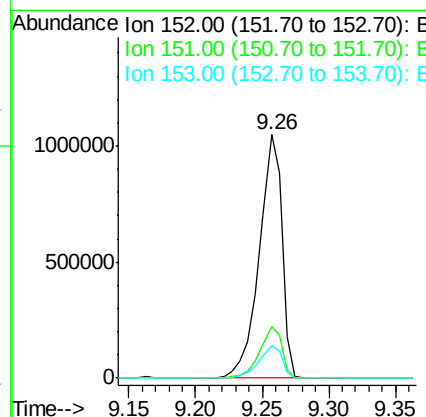
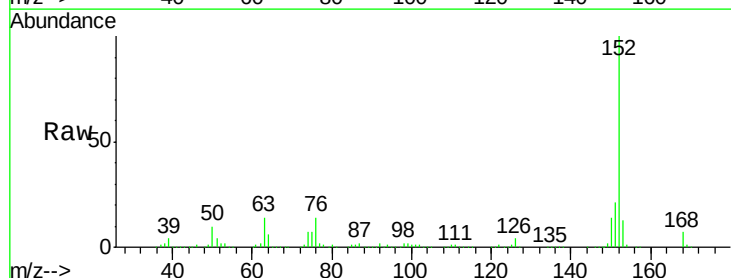
Manual Integrations
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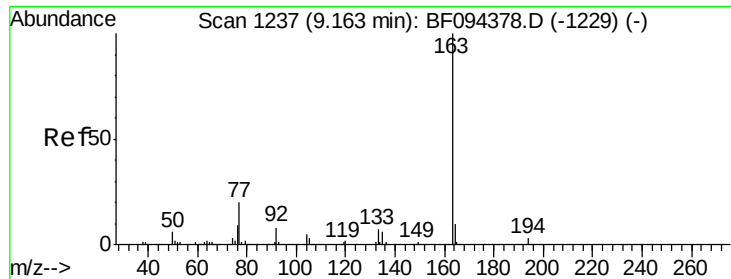
mohammad
4/14/2017 1:37:12 PM



#48
Acenaphthylene
Concen: 40.21 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.2	10.8	16.2





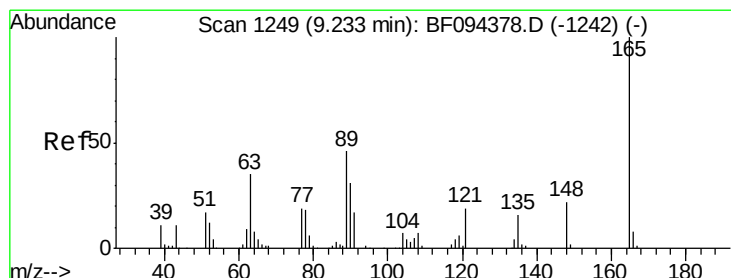
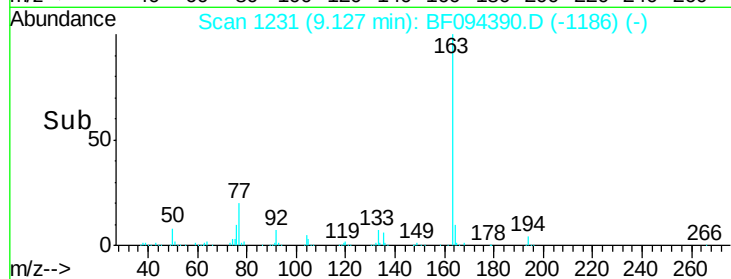
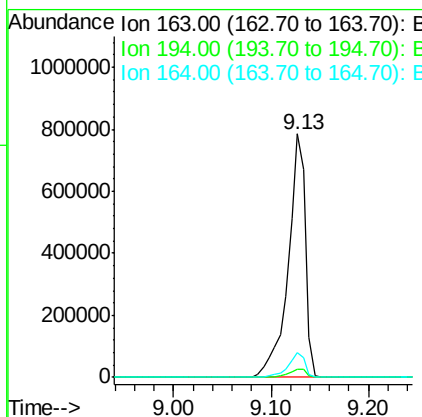
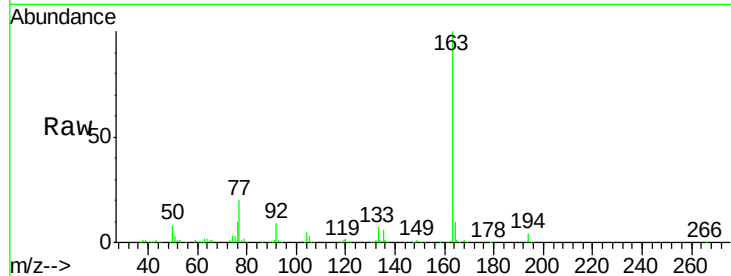
#49
Dimethylphthalate
Concen: 46.75 ng
RT: 9.13 min Scan# 1231
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.0	8.4	12.6	

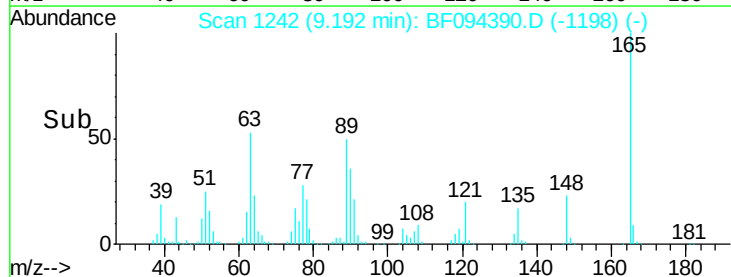
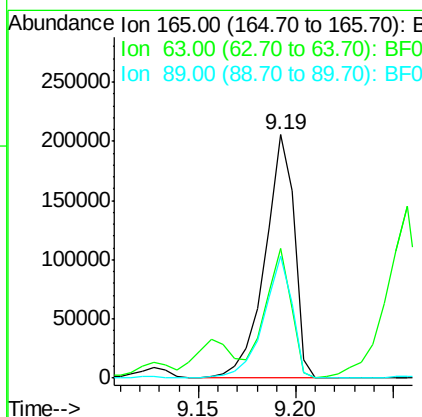
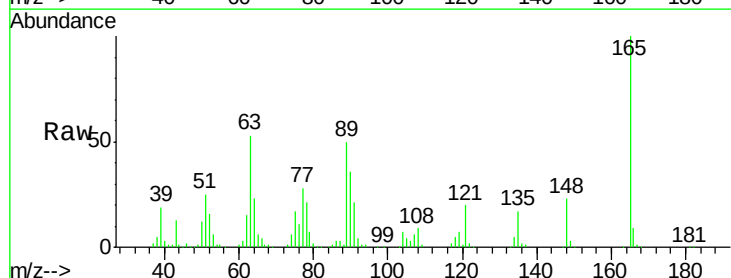
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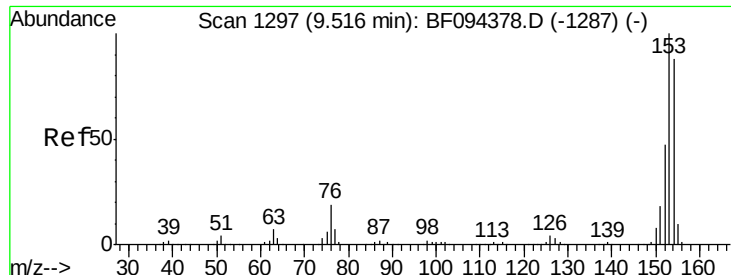
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.74 ng
RT: 9.19 min Scan# 1242
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.3	34.3	51.5#	
89	50.1	37.1	55.7	





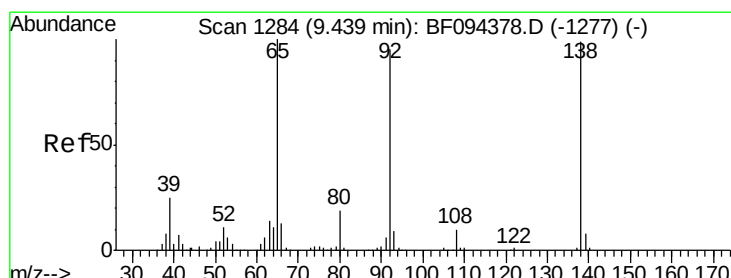
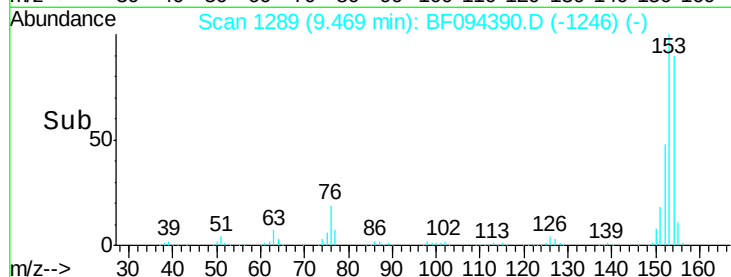
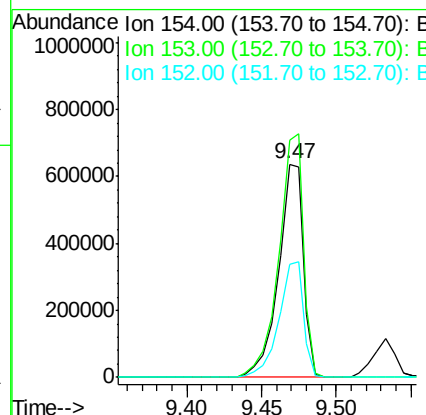
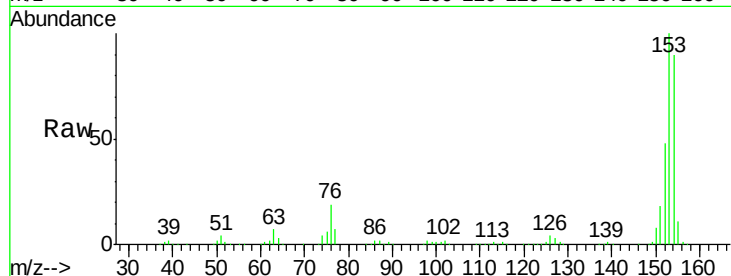
#51
Acenaphthene
Concen: 42.13 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.5	135.7
152	53.1	43.6	65.4

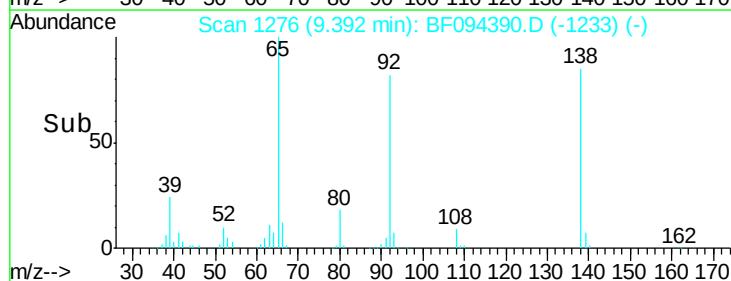
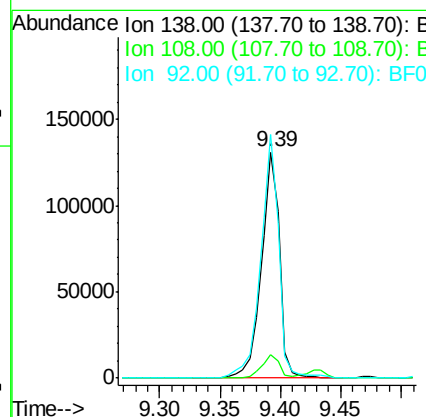
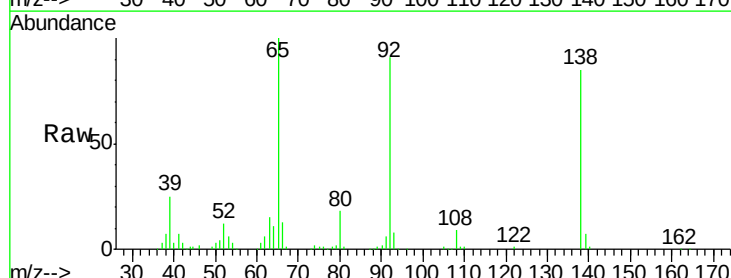
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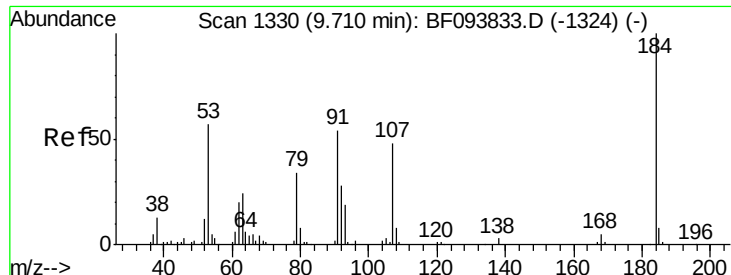
mohammad
4/14/2017 1:37:12 PM



#52
3-Nitroaniline
Concen: 24.87 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	107.7	93.8	140.6





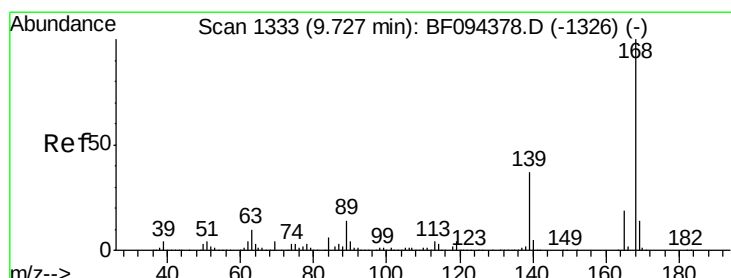
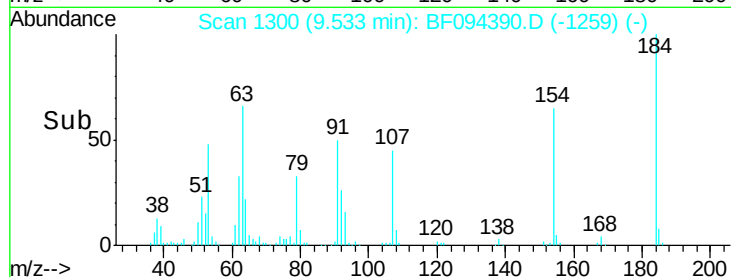
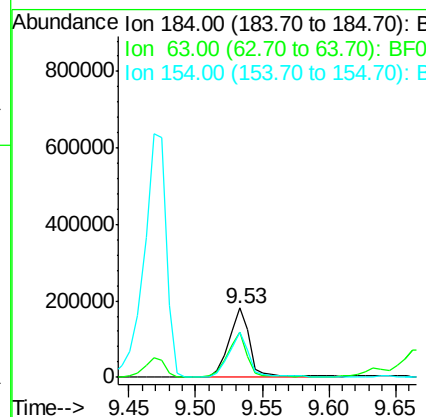
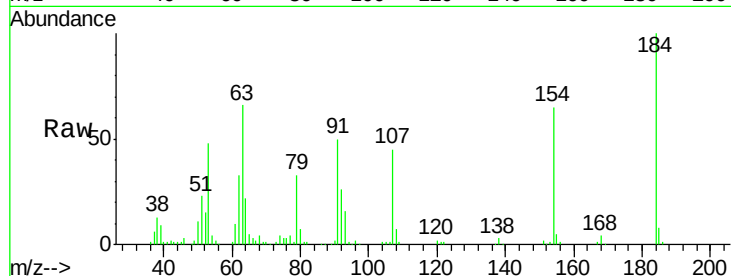
#53
2,4-Dinitrophenol
Concen: 81.57 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	205044		
63	66.1	62.7	94.1	
154	64.7	81.1	121.7	

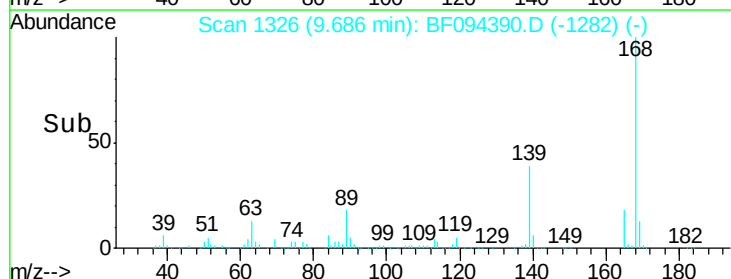
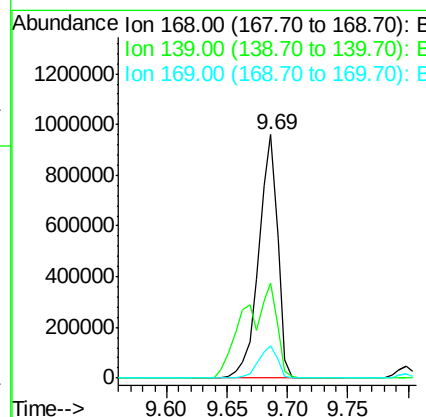
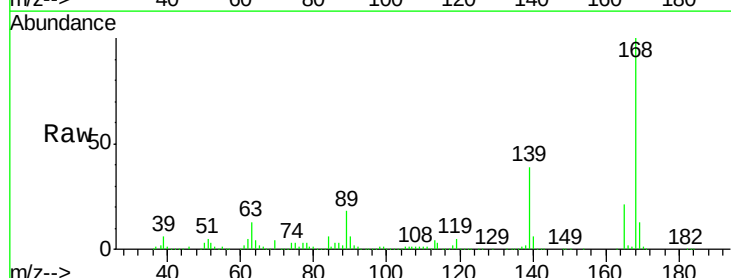
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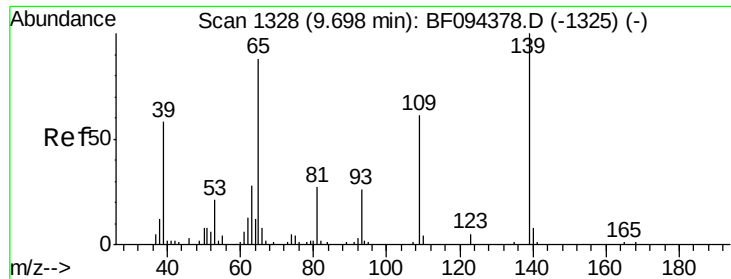
mohammad
4/14/2017 1:37:12 PM



#54
Dibenzofuran
Concen: 43.94 ng
RT: 9.69 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1054614		
139	38.9	30.6	45.8	
169	13.1	10.8	16.2	





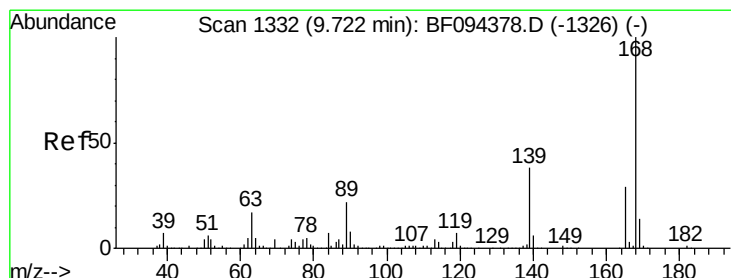
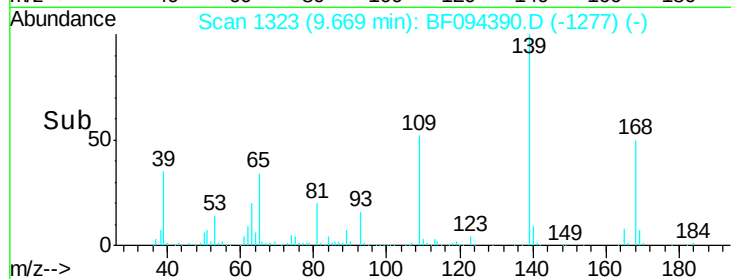
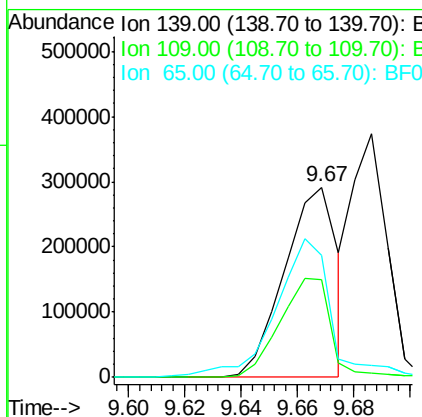
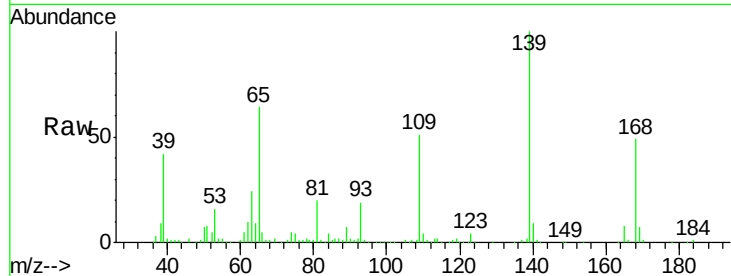
#55
4-Nitrophenol
Concen: 87.48 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.03 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	377453		
109	51.2	34.1	74.1	
65	64.5	31.4	71.4	

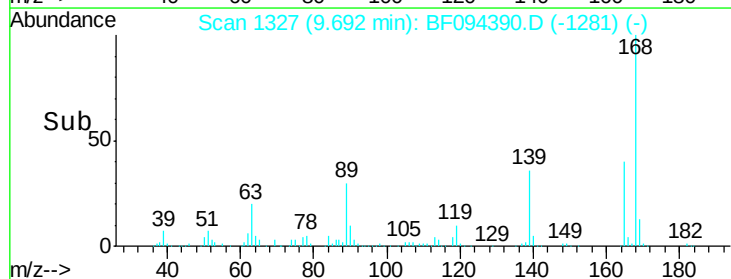
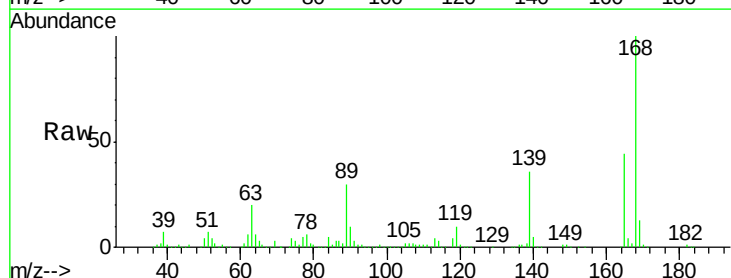
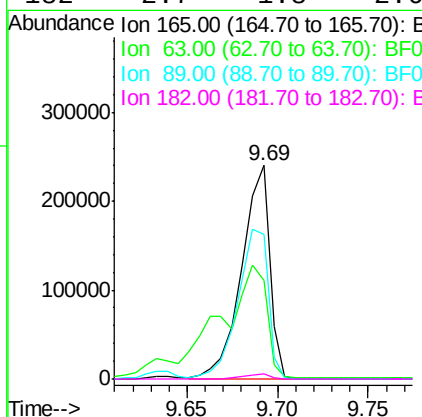
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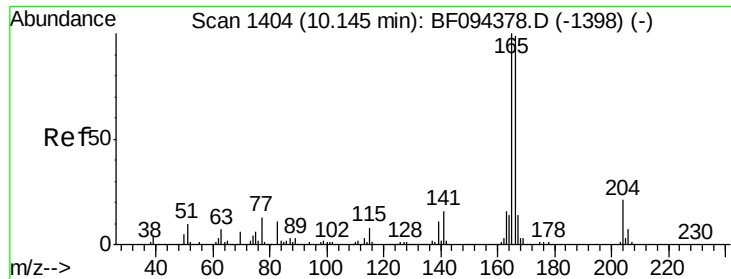
mohammad
4/14/2017 1:37:12 PM



#56
2,4-Dinitrotoluene
Concen: 43.92 ng
RT: 9.69 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	258827		
63	46.0	25.4	38.0#	
89	68.0	46.4	69.6	
182	2.7	1.8	2.6#	





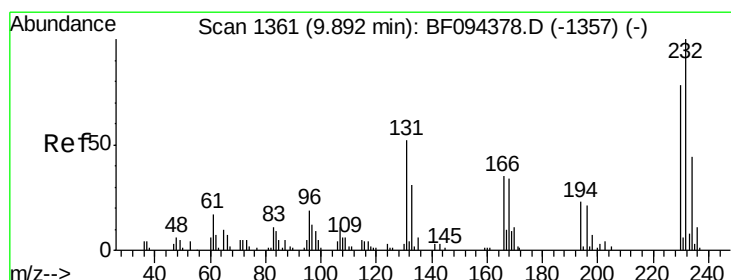
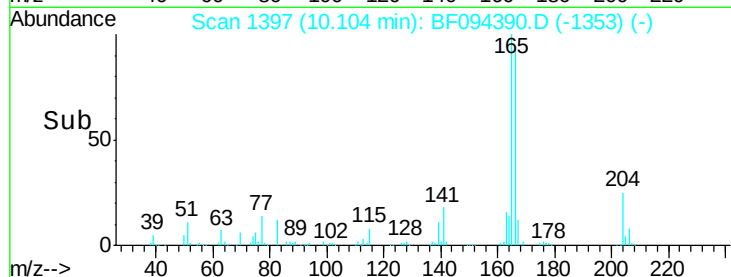
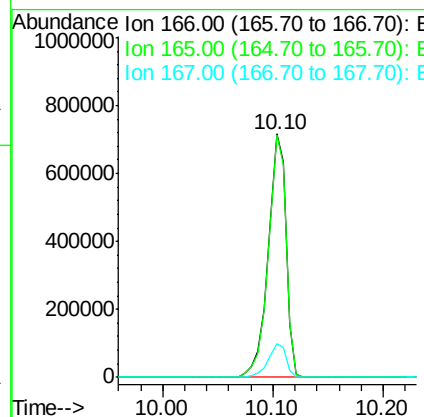
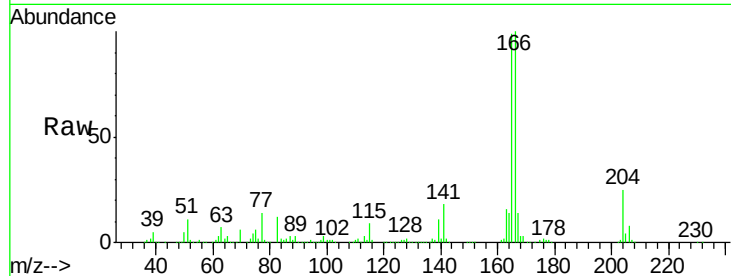
#57
Fluorene
Concen: 41.06 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	817141		
165	99.4	78.8	118.2	
167	13.8	10.6	16.0	

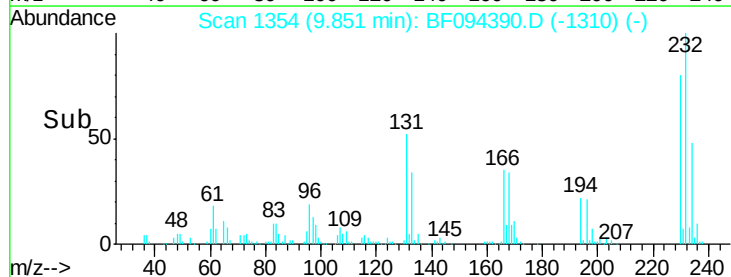
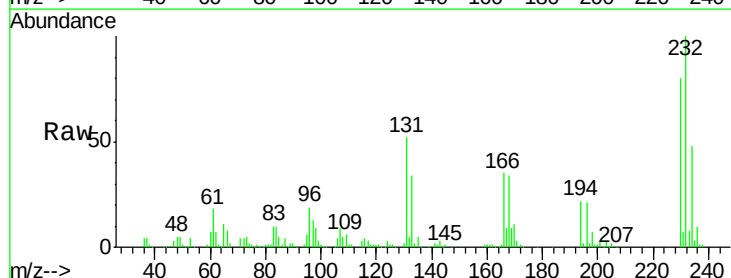
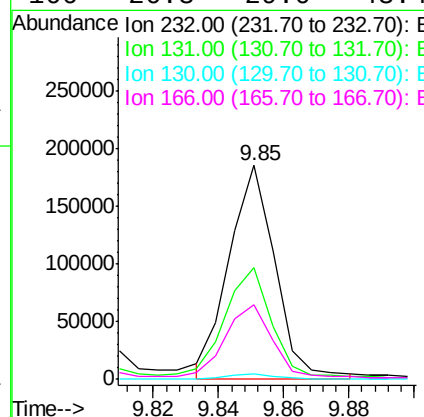
Manual Integrations
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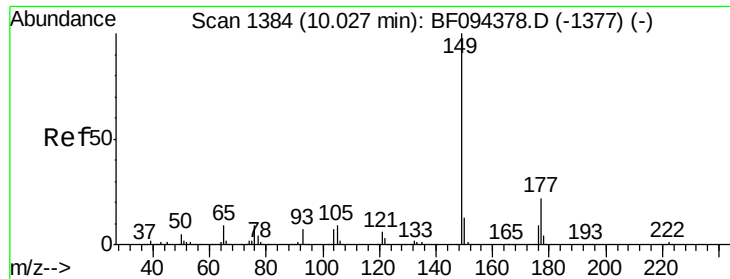
mohammad
4/14/2017 1:37:12 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.13 ng m
RT: 9.85 min Scan# 1354
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	182591		
231	42.3	44.8	67.2#	
130	2.2	2.3	3.5#	
166	26.3	29.0	43.4#	





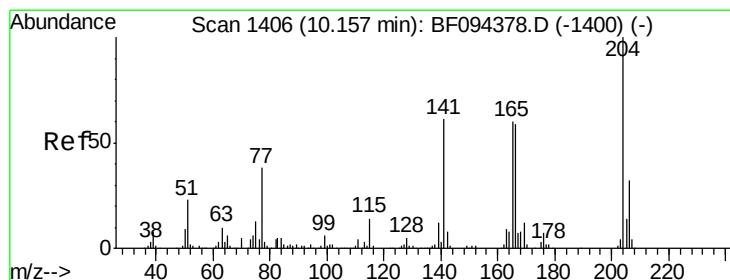
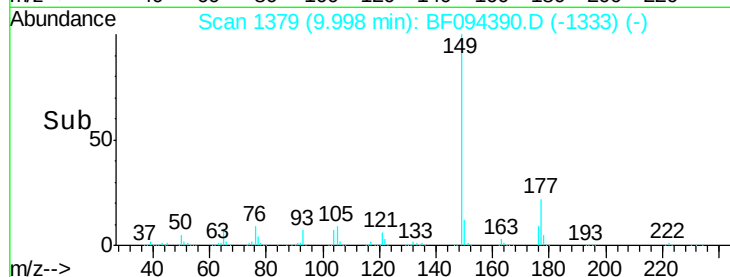
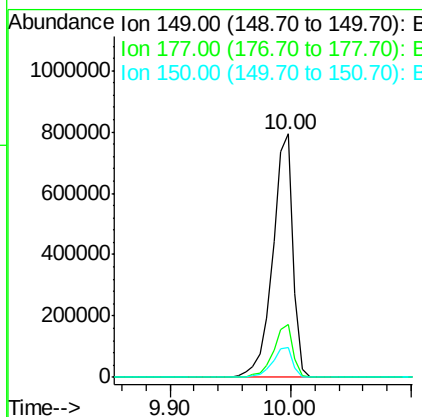
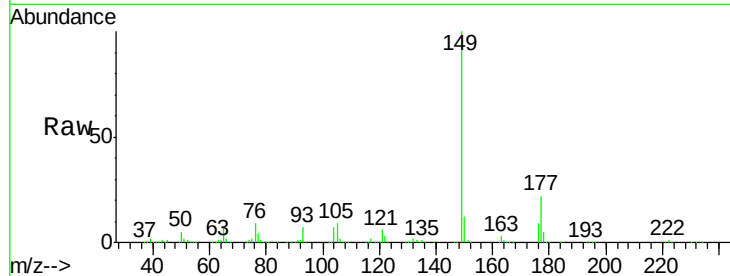
#59
Diethylphthalate
Concen: 45.44 ng
RT: 10.00 min Scan# 1379
Delta R.T. -0.03 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampled :
PB98215BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.5	10.2	15.2

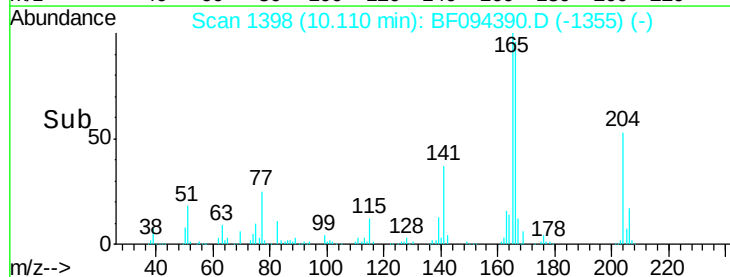
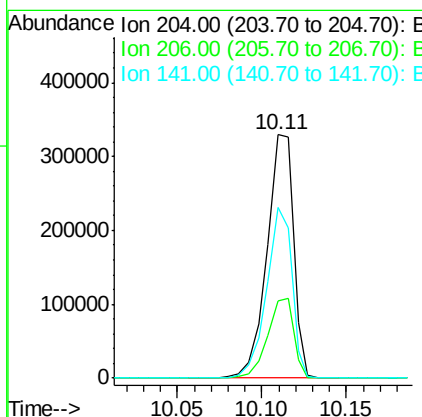
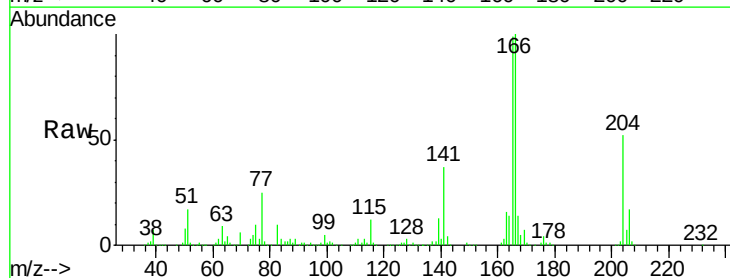
Manual Integrations
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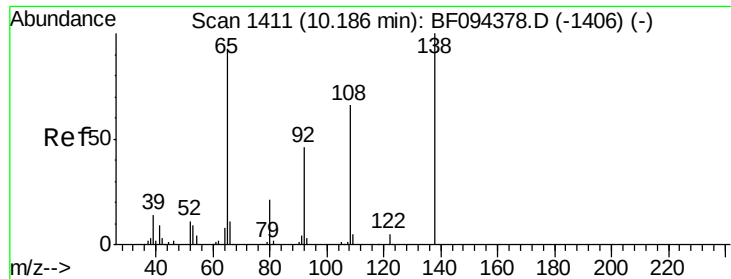
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 42.43 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	70.3	60.8	91.2





#61

4-Nitroaniline

Concen: 42.49 ng

RT: 10.16 min Scan# 1406

Delta R.T. -0.03 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

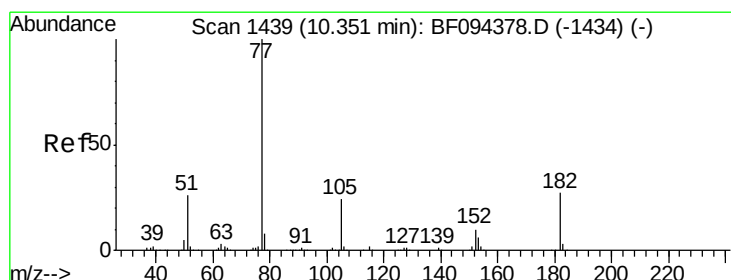
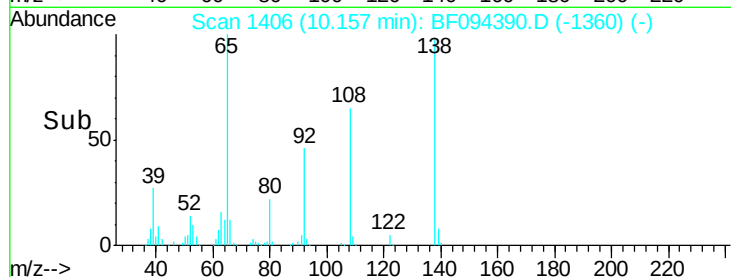
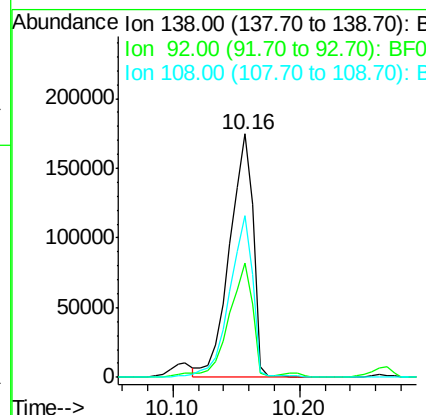
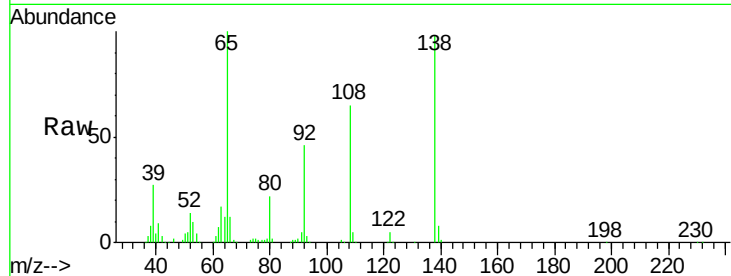
ClientSampleId :

PB98215BS

Tot Ion:	138	Resp:	224644
Ion	Ratio	Lower	Upper
138	100		
92	47.0	21.8	61.8
108	66.7	42.3	82.3

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#62

Azobenzene

Concen: 45.21 ng

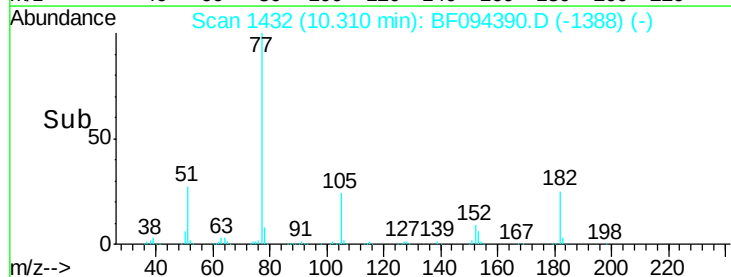
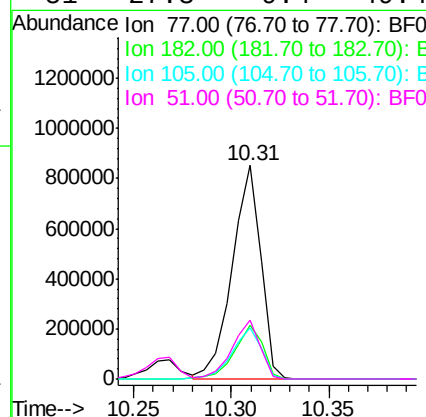
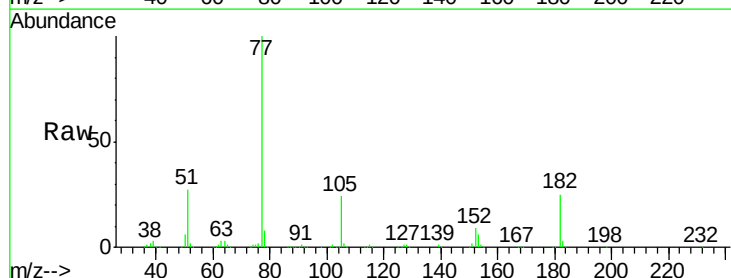
RT: 10.31 min Scan# 1432

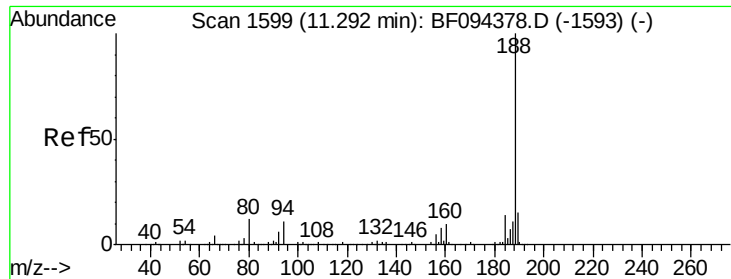
Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Tgt Ion:	77	Resp:	865141
Ion	Ratio	Lower	Upper
77	100		
182	25.1	0.1	40.1
105	23.9	3.6	43.6
51	27.3	9.4	49.4





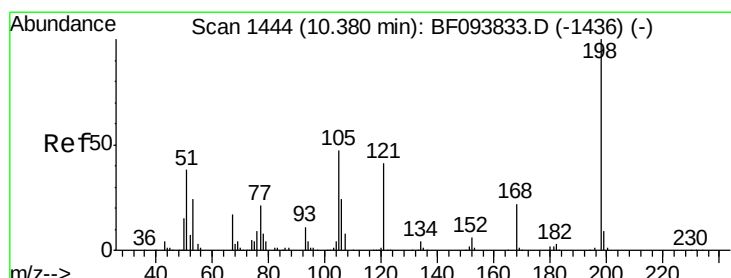
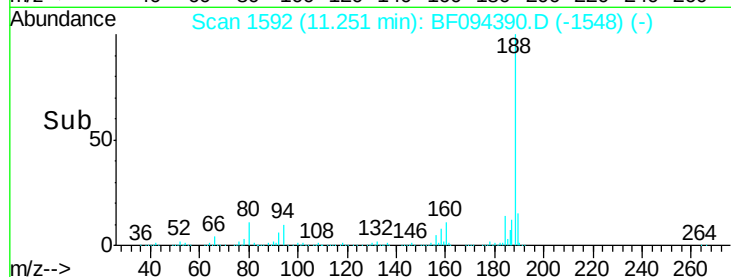
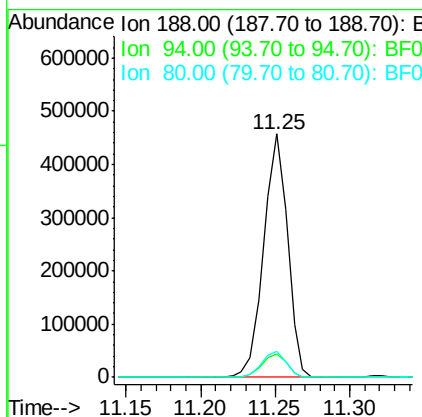
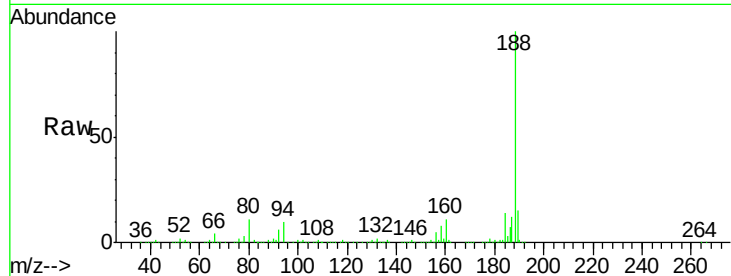
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1592
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	503594		
94	9.9		9.4	14.2
80	10.9		10.2	15.2

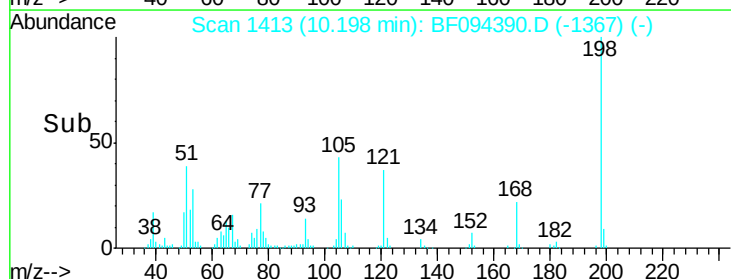
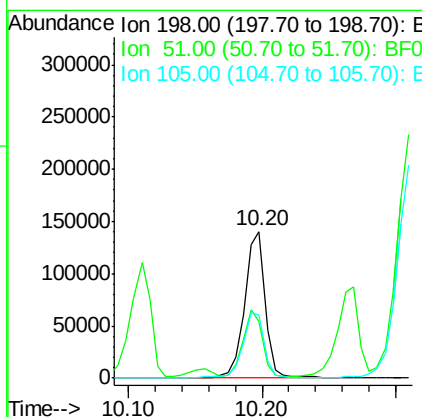
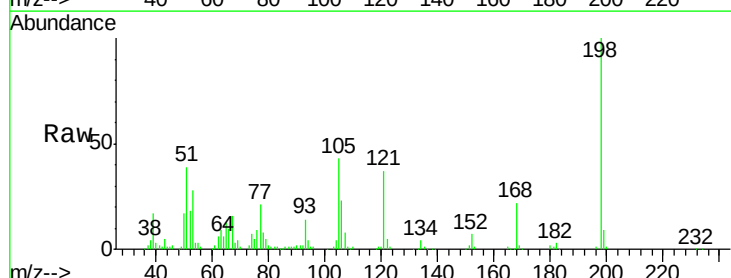
Manual Integrations
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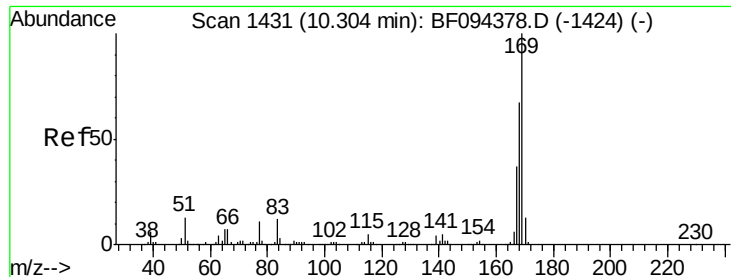
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.21 ng
RT: 10.20 min Scan# 1413
Delta R.T. -0.03 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	148694		
51	38.6		53.2	93.2#
105	43.1		45.8	85.8#





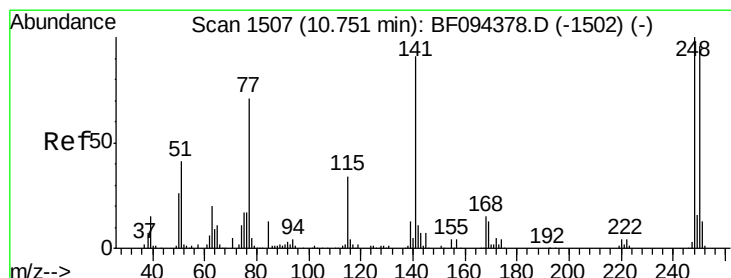
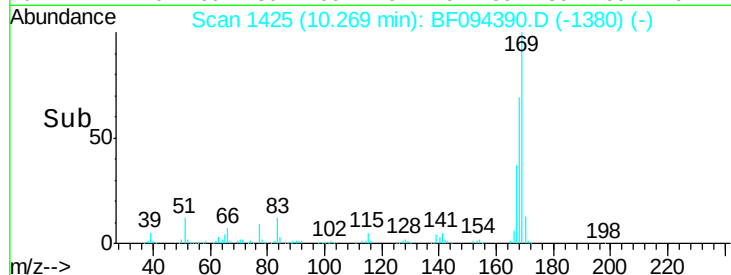
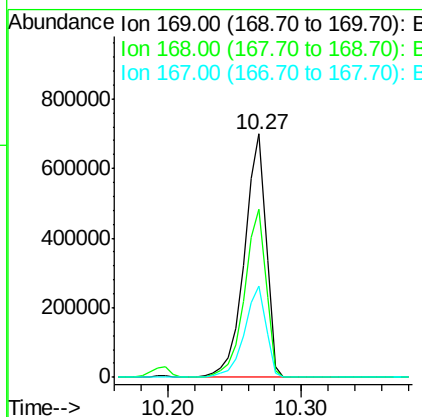
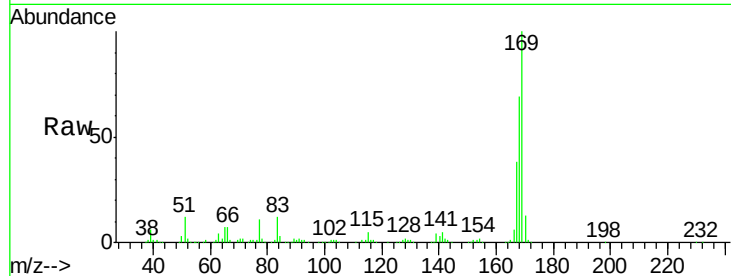
#65
n-Nitrosodiphenylamine
Concen: 44.70 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	778520		
168	68.9	53.2	79.8	
167	37.5	29.5	44.3	

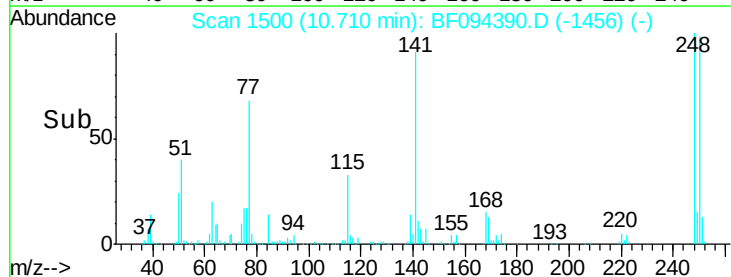
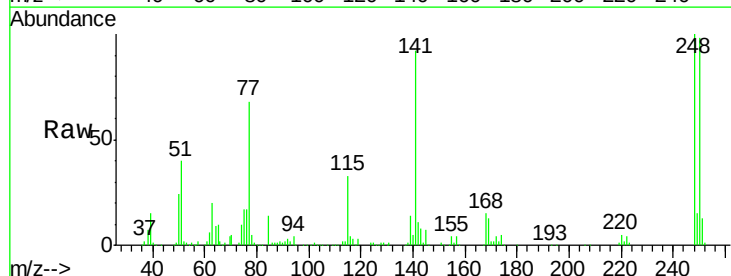
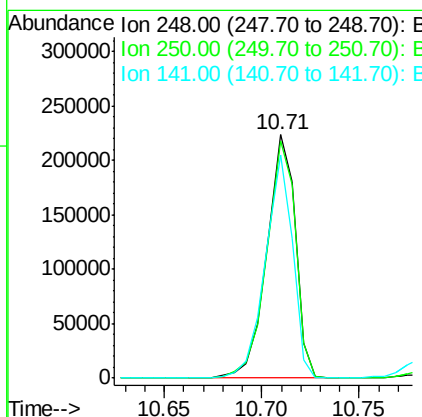
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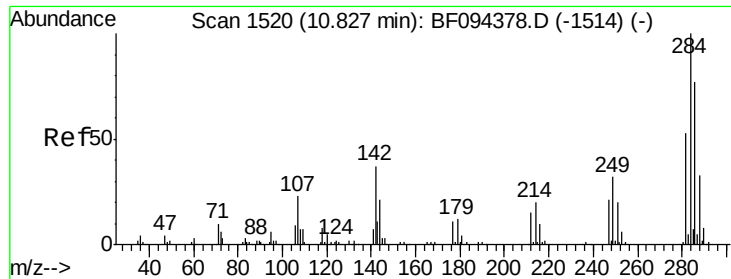
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 45.86 ng
RT: 10.71 min Scan# 1500
Delta R.T. -0.04 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	227141		
250	97.7	76.8	115.2	
141	91.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 46.01 ng

RT: 10.78 min Scan# 1512

Delta R.T. -0.05 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

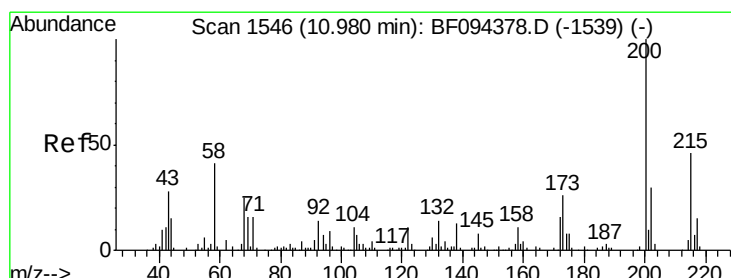
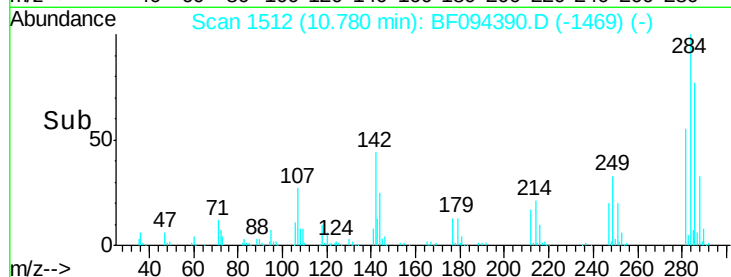
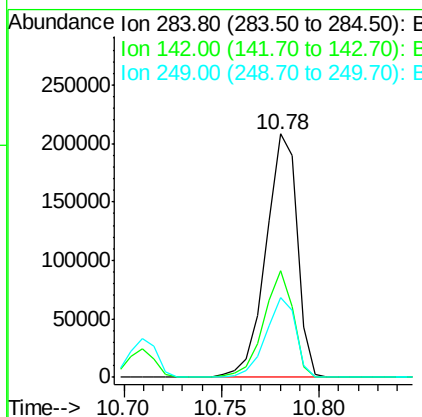
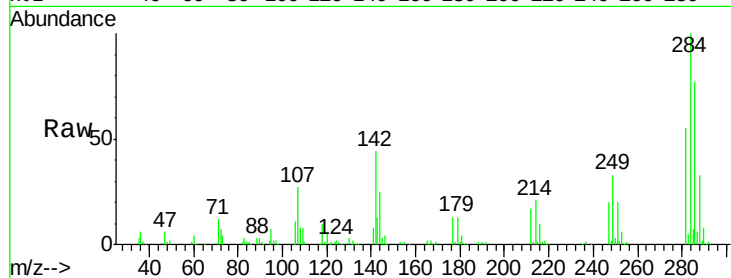
ClientSampleId :

PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	230696		
142	43.8	22.8	34.2	#
249	33.0	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 44.91 ng

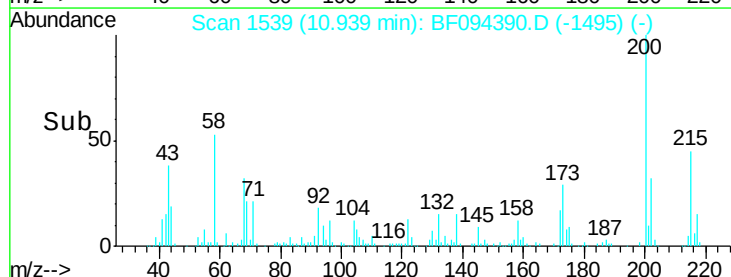
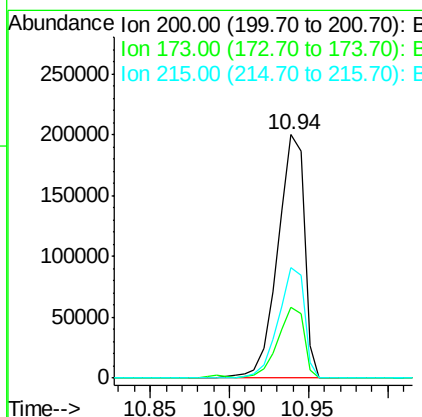
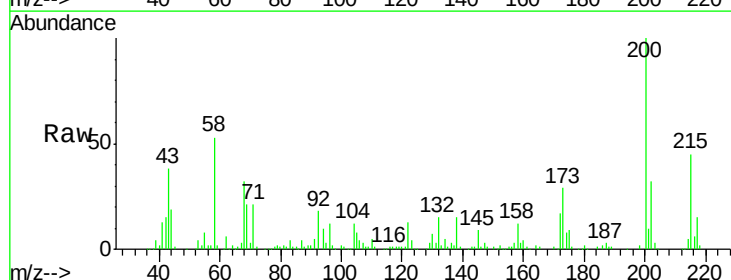
RT: 10.94 min Scan# 1539

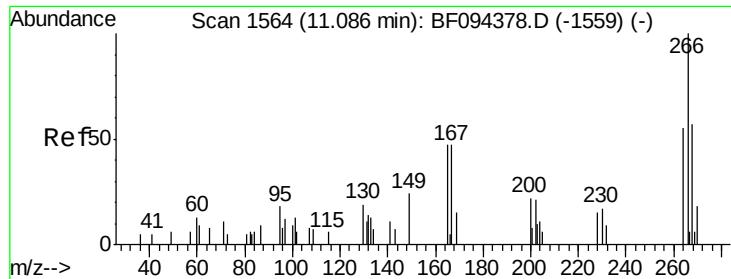
Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	234249		
173	29.2	6.3	46.3	
215	45.4	27.2	67.2	





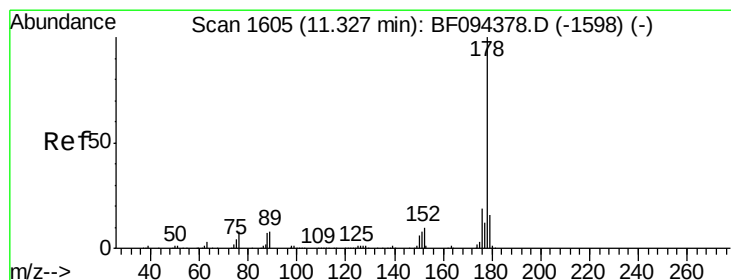
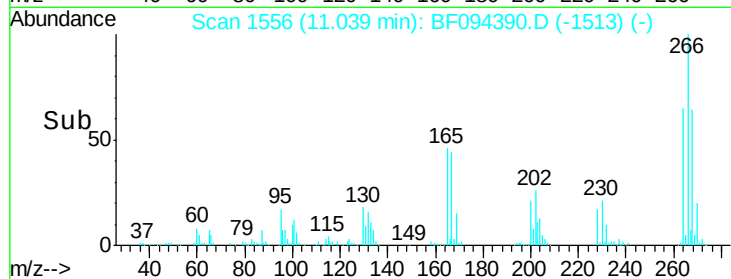
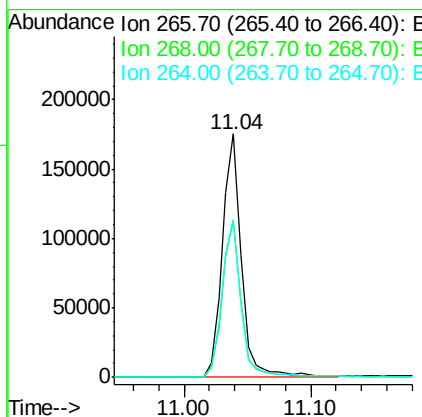
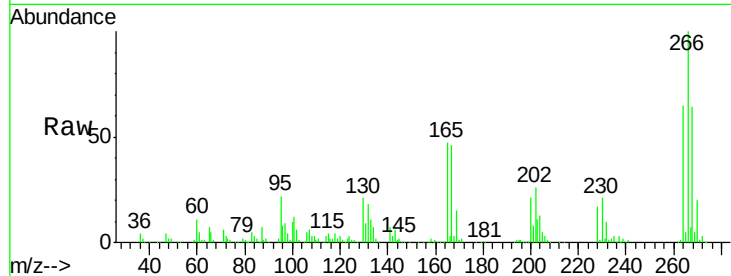
#69
 Pentachlorophenol
 Concen: 59.49 ng
 RT: 11.04 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	185646		
268	64.1	51.1	76.7	
264	65.0	51.7	77.5	

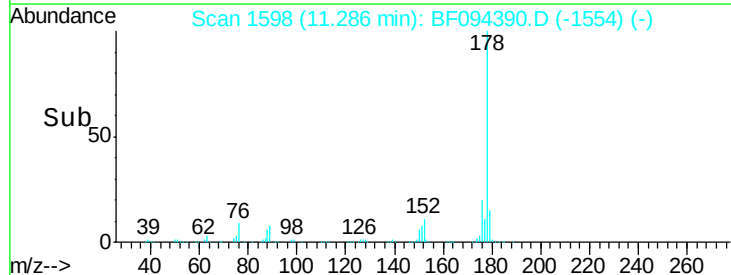
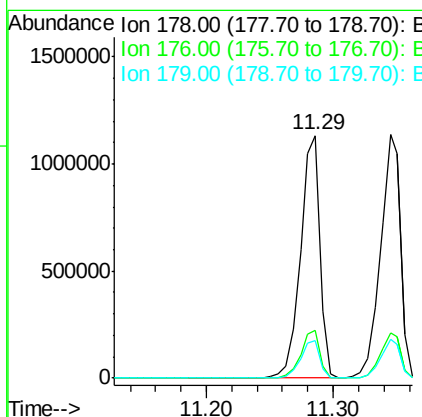
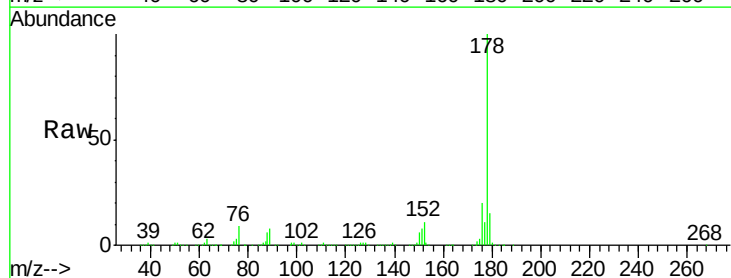
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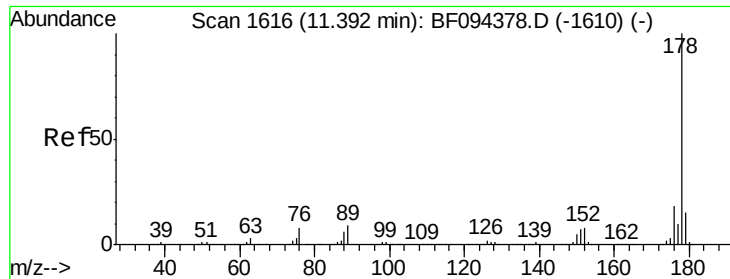
mohammad
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#70
 Phenanthrene
 Concen: 43.36 ng
 RT: 11.29 min Scan# 1598
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1214555		
176	19.6	16.2	24.4	
179	15.3	12.6	19.0	





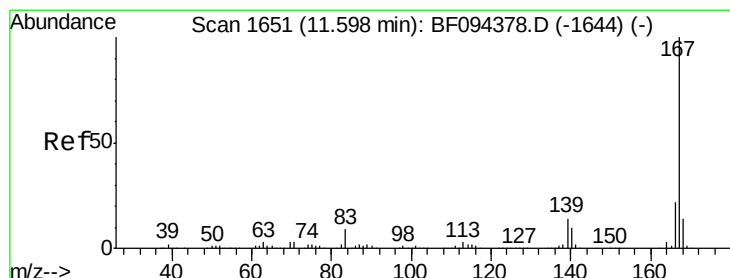
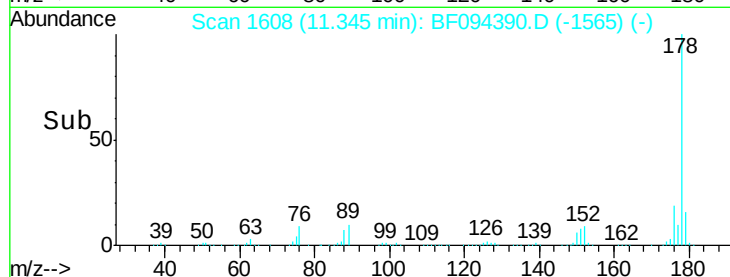
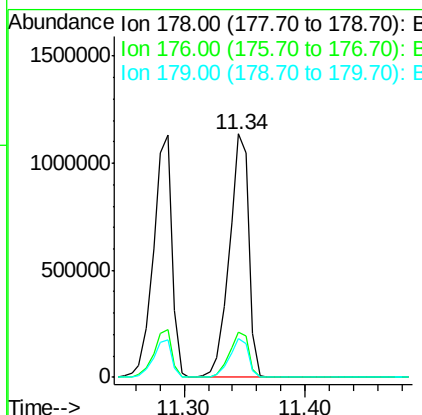
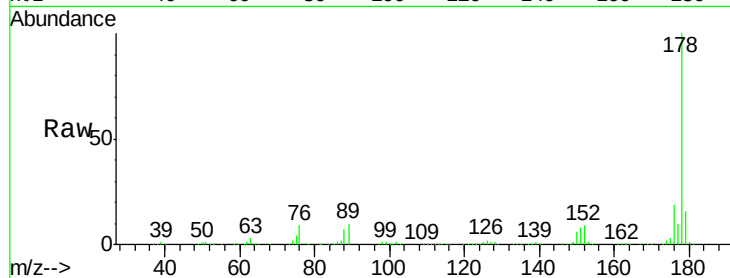
#71
 Anthracene
 Concen: 44.09 ng
 RT: 11.34 min Scan# 1608
 Delta R.T. -0.05 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Tot Ion:178 Resp: 1271682
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.8 12.7 19.1

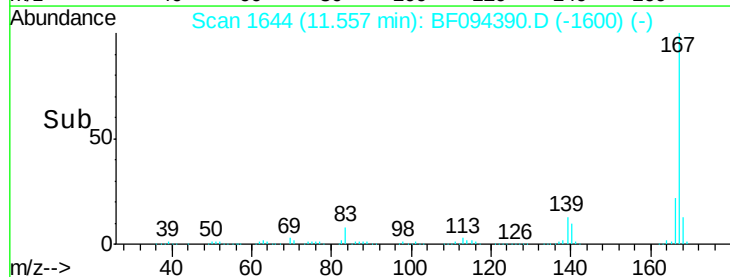
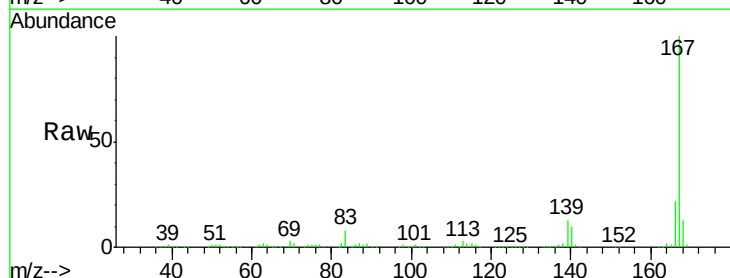
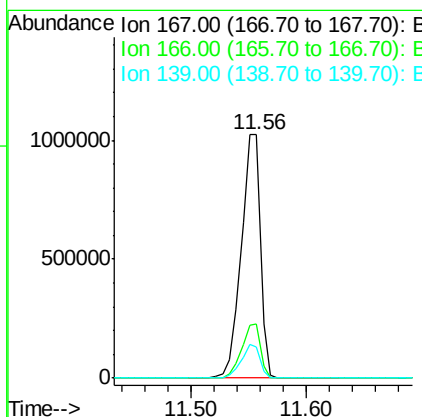
Manual Integrations
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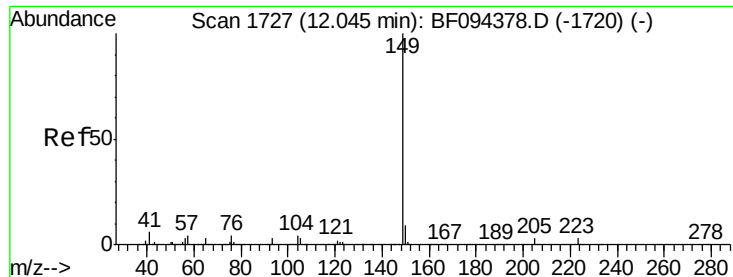
mohammad
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#72
 Carbazole
 Concen: 39.96 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. -0.04 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion:167 Resp: 1182029
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.55 ng

RT: 12.00 min Scan# 1720

Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB98215BS

Tot Ion:149 Resp: 1431929

Ion Ratio Lower Upper

149 100

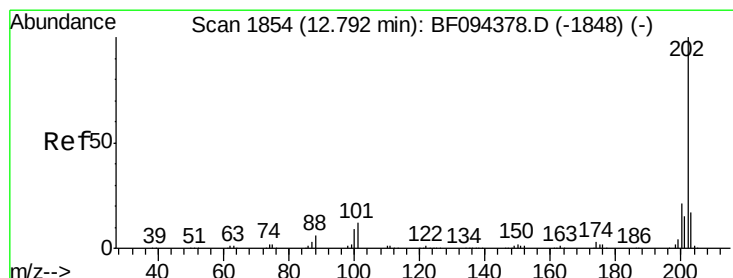
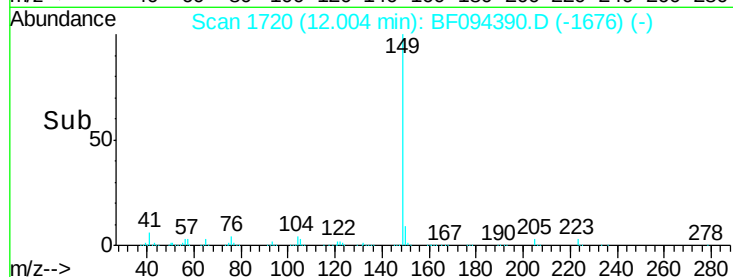
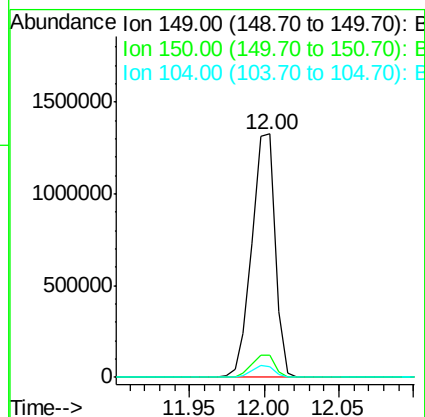
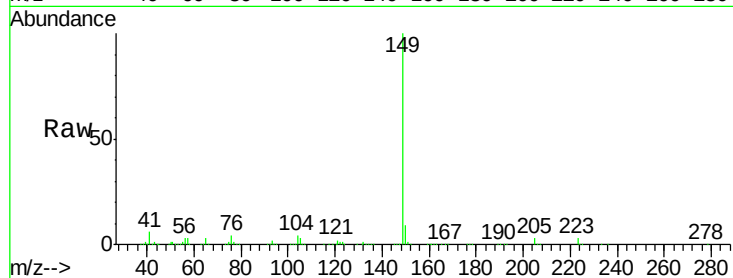
150 9.3 7.7 11.5

104 4.3 4.0 6.0

Manual Integrations
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#74

Fluoranthene

Concen: 43.98 ng

RT: 12.74 min Scan# 1846

Delta R.T. -0.05 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

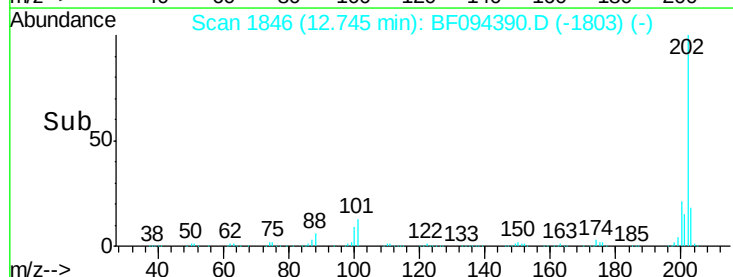
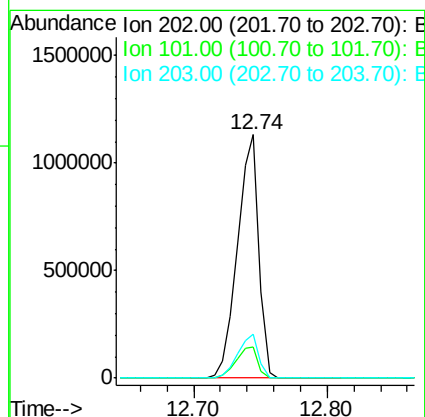
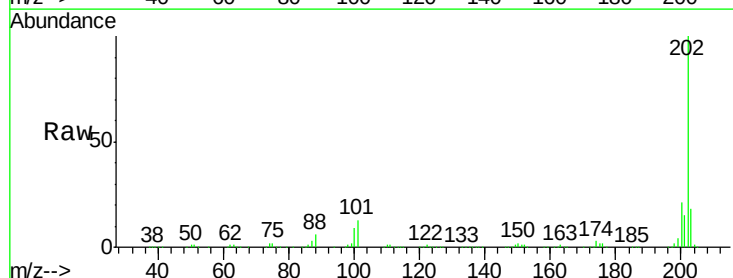
Tgt Ion:202 Resp: 1261727

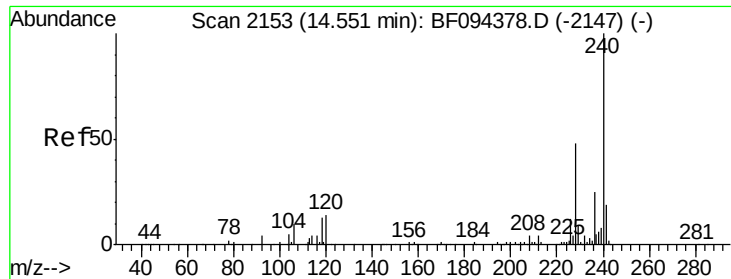
Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.50 min Scan# 2145

Delta R.T. -0.05 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

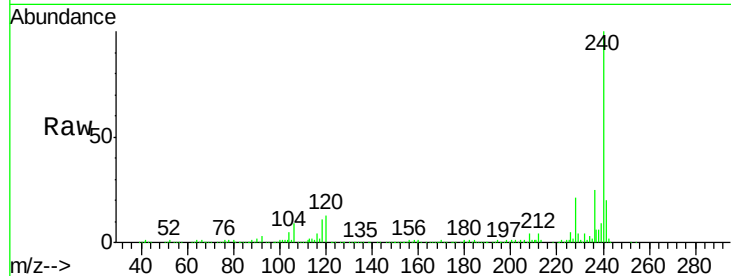
ClientSampleId :

PB98215BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.2	20.5	30.7

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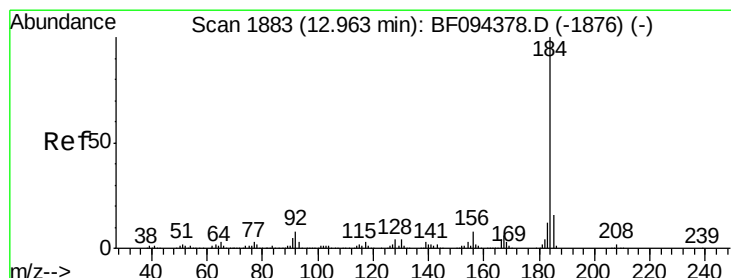
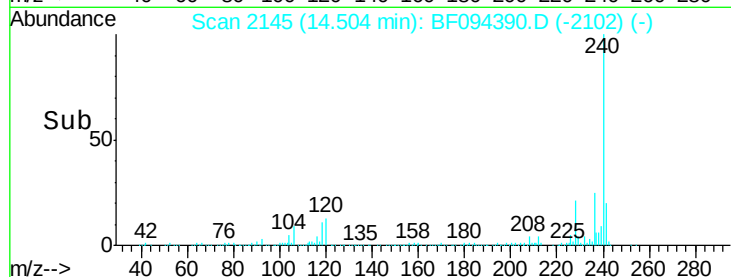
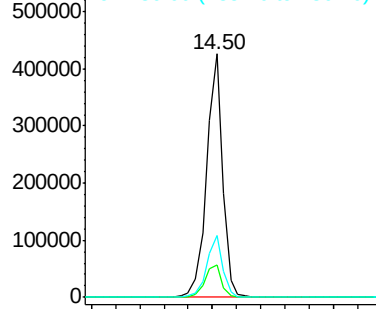
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.33 ng

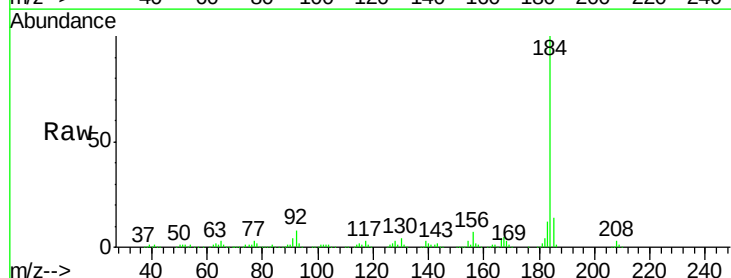
RT: 12.92 min Scan# 1875

Delta R.T. -0.05 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

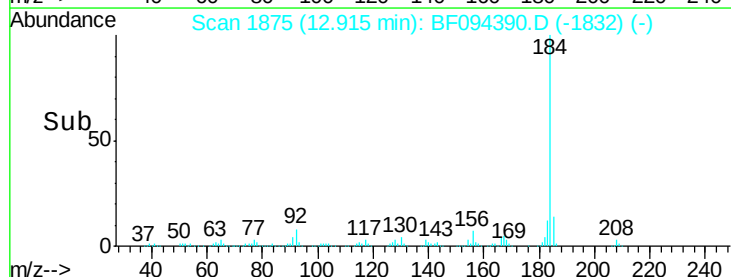
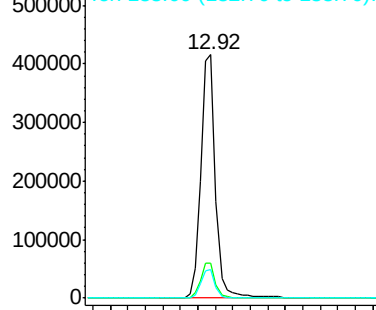
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	12.0	9.8	14.6

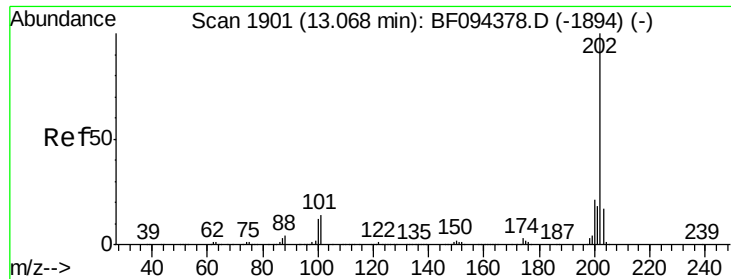


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.50 ng

RT: 13.02 min Scan# 1892

Delta R.T. -0.05 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

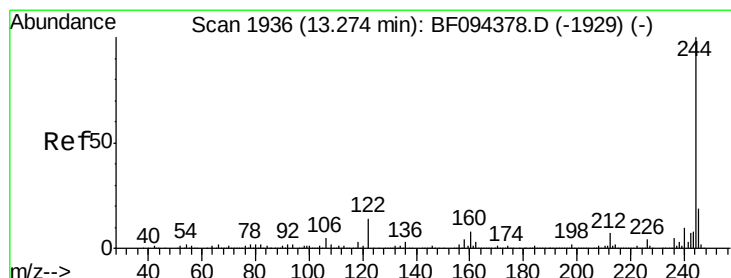
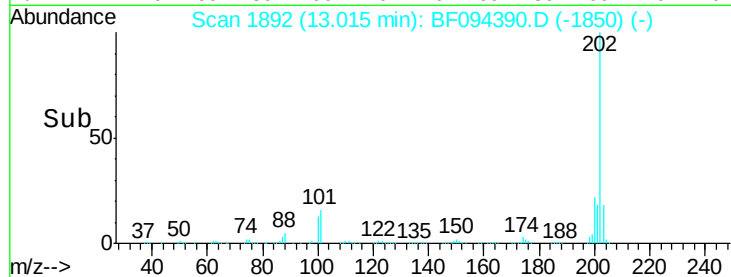
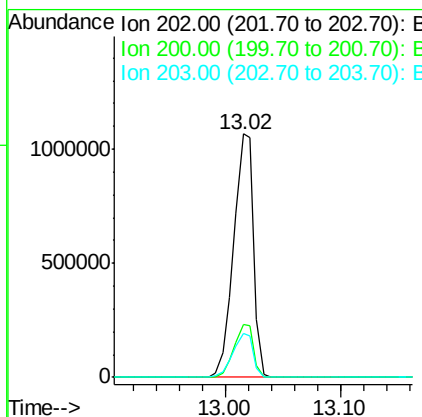
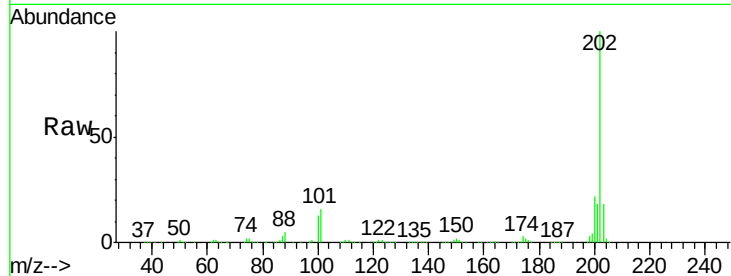
ClientSampleId :

PB98215BS

Tot Ion:	202	Resp:	1271192
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 82.70 ng

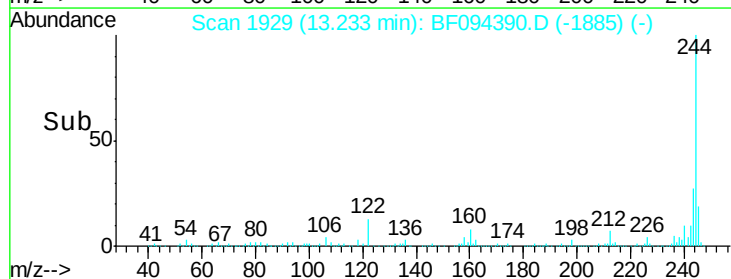
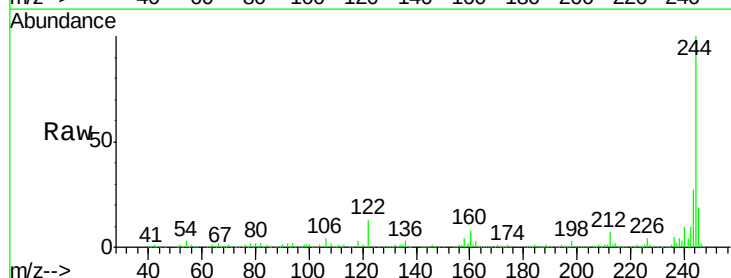
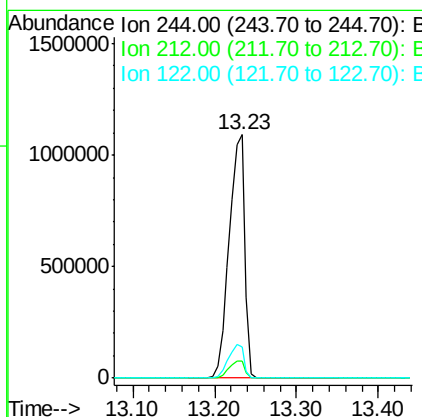
RT: 13.23 min Scan# 1929

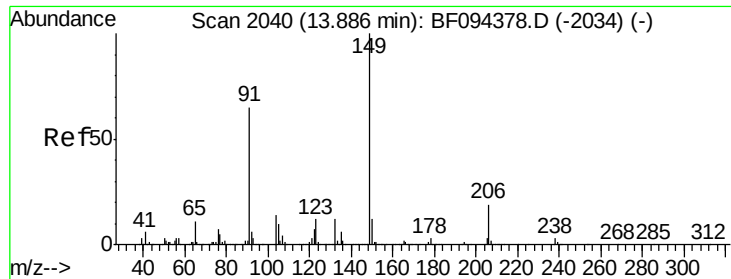
Delta R.T. -0.04 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Tgt Ion:	244	Resp:	1452287
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.9	10.3	15.5





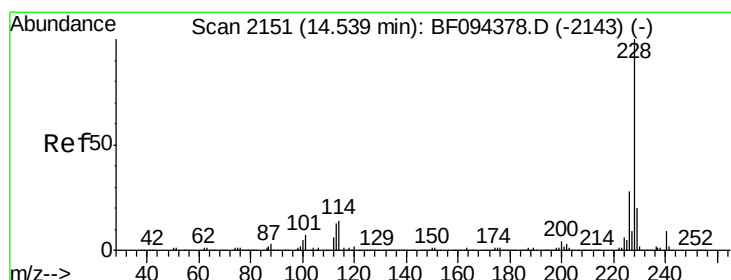
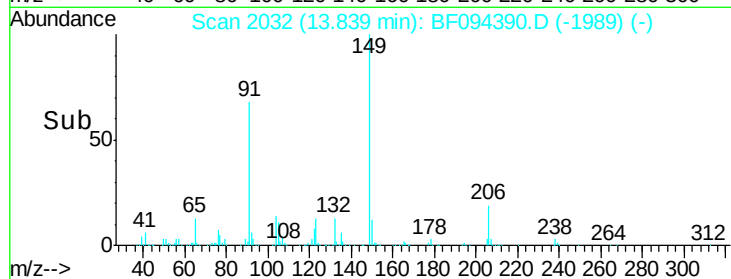
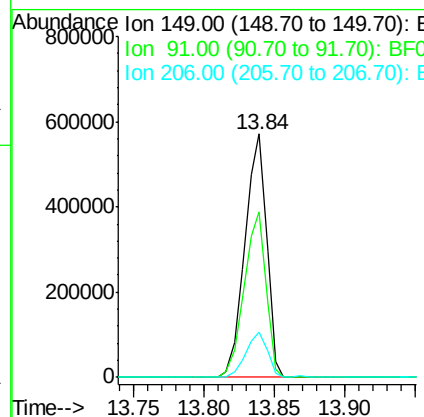
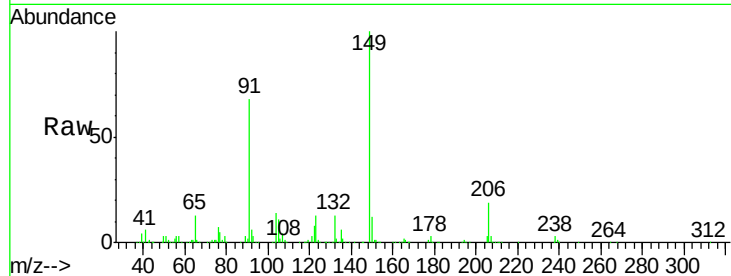
#79
Butylbenzylphthalate
Concen: 50.41 ng
RT: 13.84 min Scan# 2032
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	45.0	67.4#
206	18.7	17.0	25.6

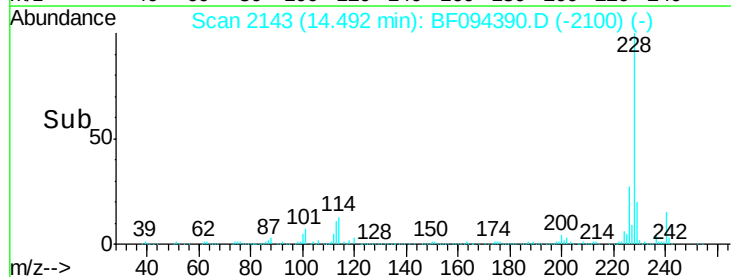
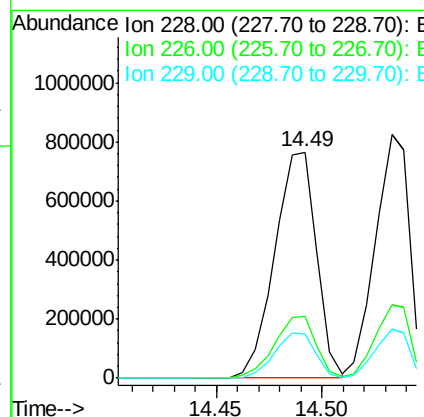
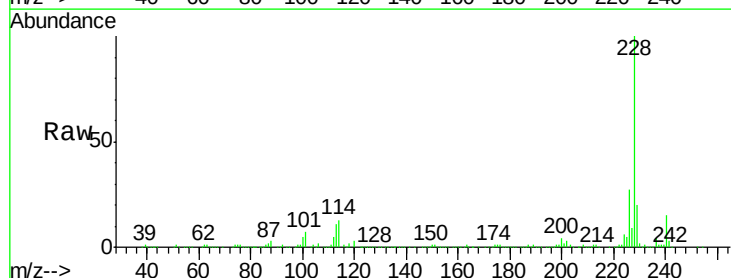
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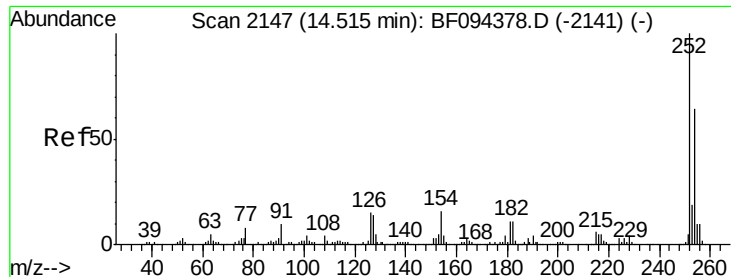
mohammad
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#80
Benzo(a)anthracene
Concen: 45.95 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.6	16.3	24.5





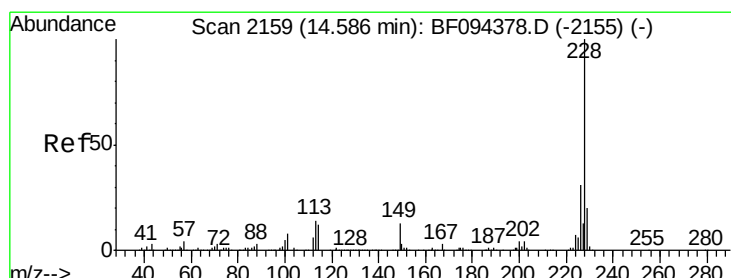
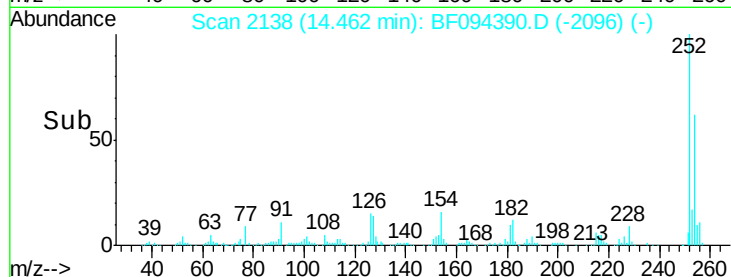
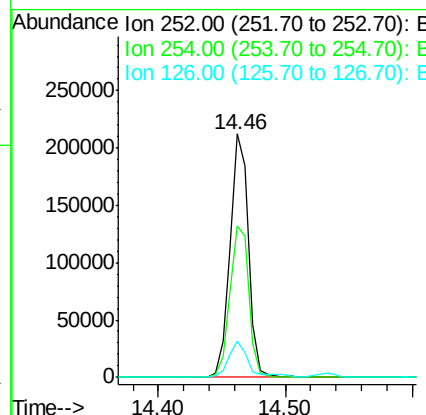
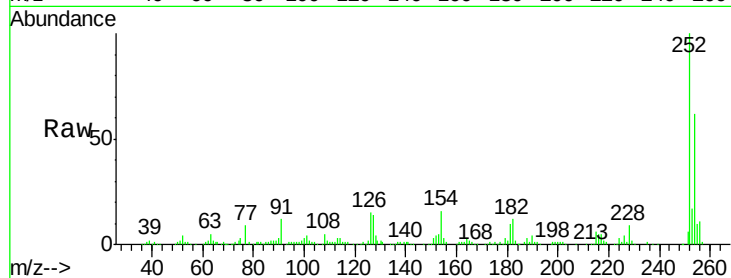
#81
 3,3'-Dichlorobenzidine
 Concen: 25.80 ng
 RT: 14.46 min Scan# 2138
 Delta R.T. -0.05 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		211652		
254	62.2	51.5	77.3		
126	14.8	15.8	23.8		

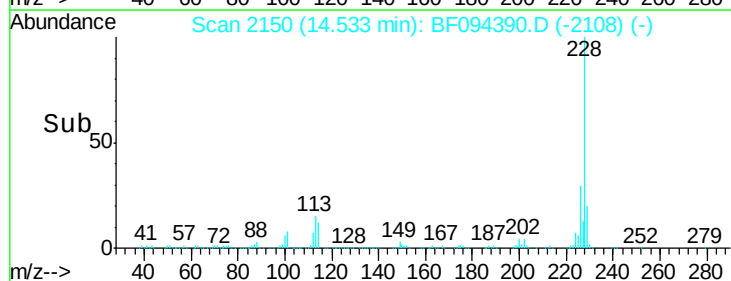
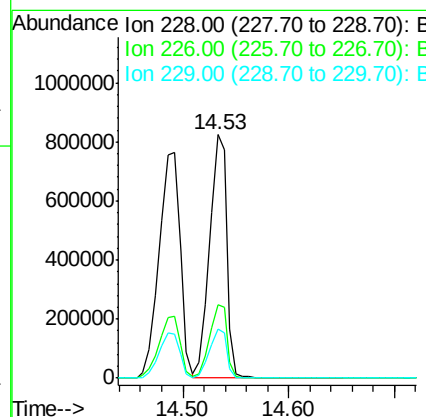
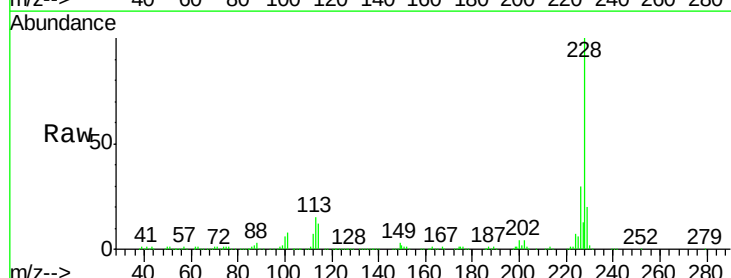
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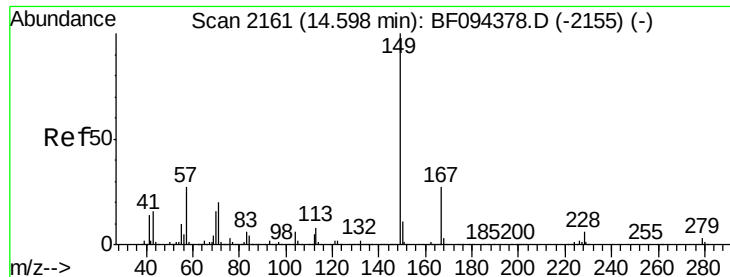
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#82
 Chrysene
 Concen: 44.19 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.05 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		941302		
226	30.2	24.9	37.3		
229	20.2	15.8	23.6		





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.99 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.05 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

ClientSampled :

PB98215BS

Tot Ion:149 Resp: 846780

Ion Ratio Lower Upper

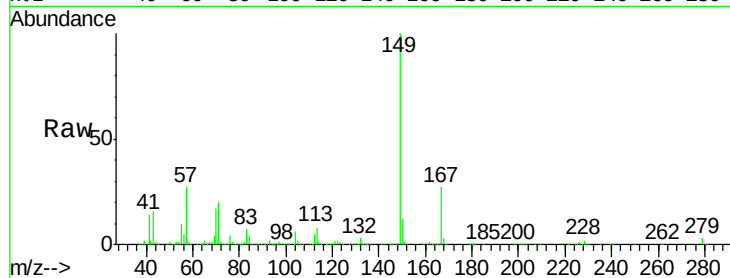
149 100

167 26.7 21.0 31.4

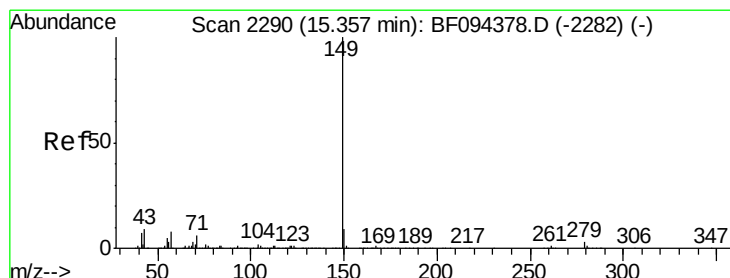
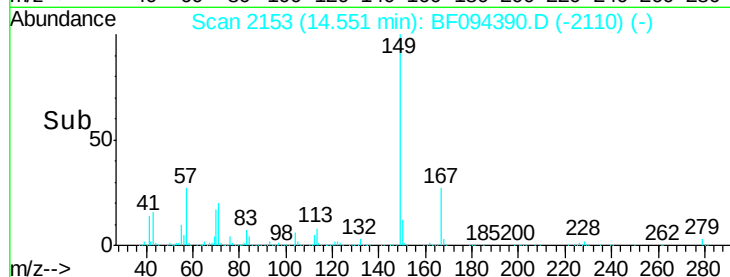
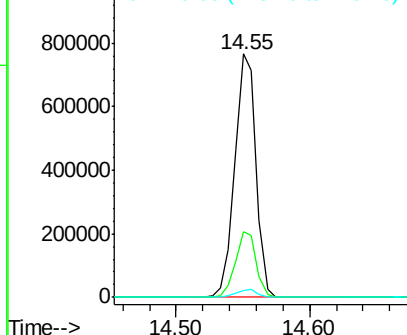
279 2.9 1.9 2.9#

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



#84

Di-n-octyl phthalate

Concen: 50.33 ng

RT: 15.31 min Scan# 2282

Delta R.T. -0.05 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

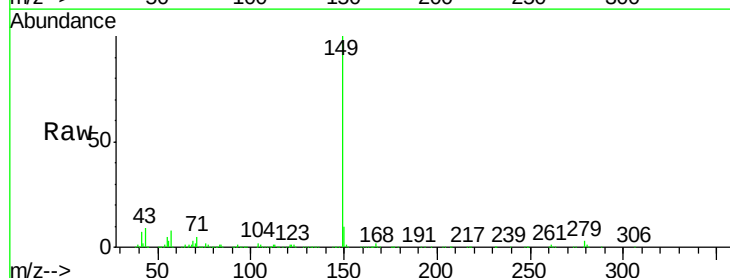
Tgt Ion:149 Resp: 1396348

Ion Ratio Lower Upper

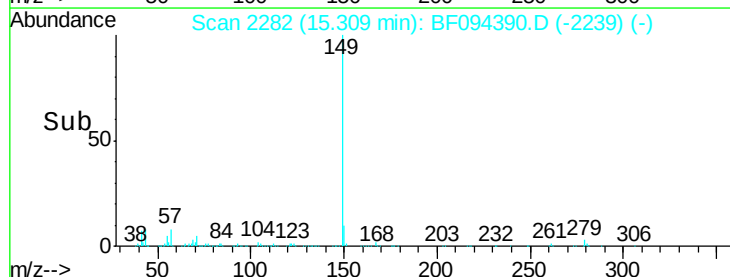
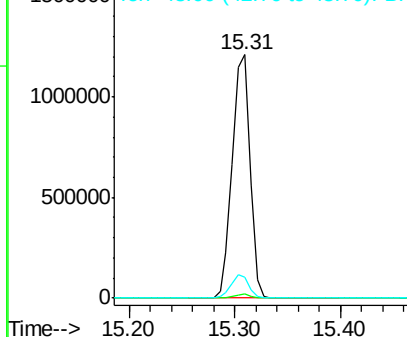
149 100

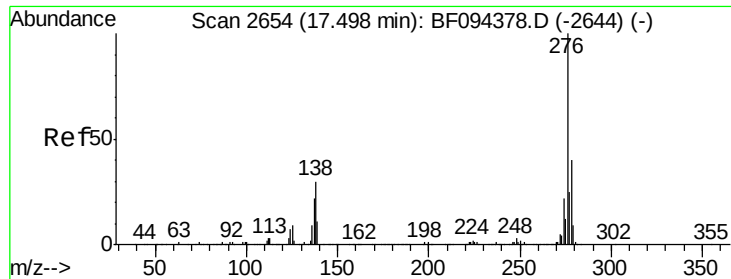
167 1.6 1.2 1.8

43 9.2 8.5 12.7



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.89 ng

RT: 17.42 min Scan# 2640

Delta R.T. -0.08 min

Lab File: BF094390.D

Acq: 13 Apr 2017 14:52

Instrument :

BNA_F

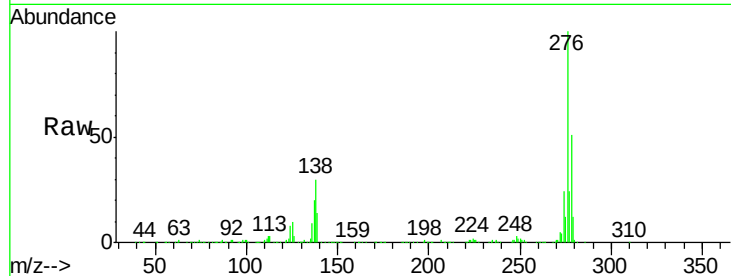
ClientSampleId :

PB98215BS

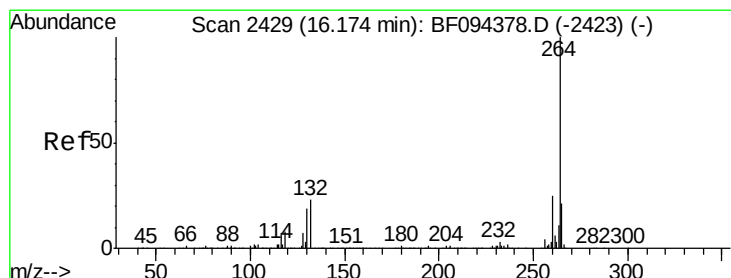
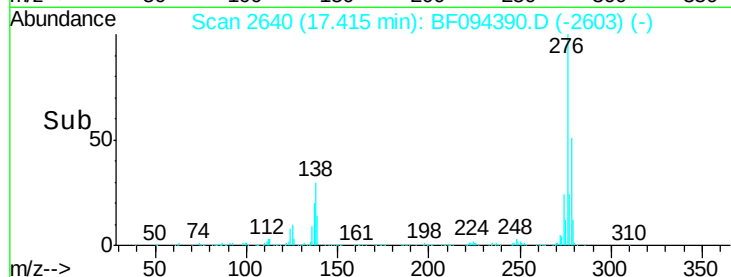
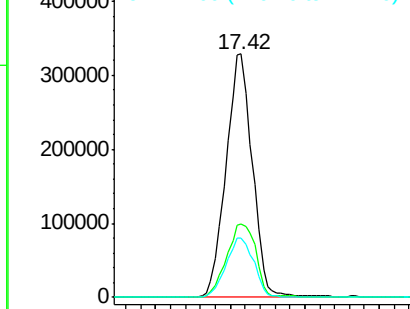
Tot Ion:	276	Resp:	809731
Ion Ratio	Lower	Upper	
276	100		
138	33.7	27.8	41.6
277	25.7	20.2	30.4

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



#86

Perylene-d12

Concen: 20.00 ng

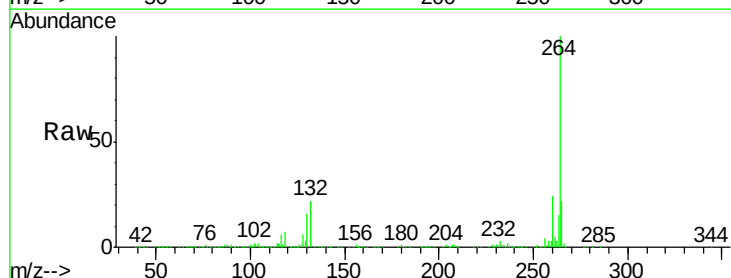
RT: 16.12 min Scan# 2420

Delta R.T. -0.05 min

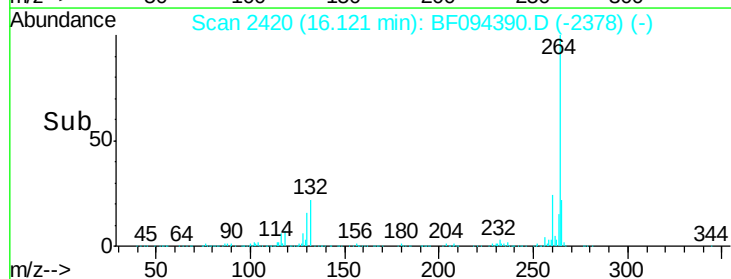
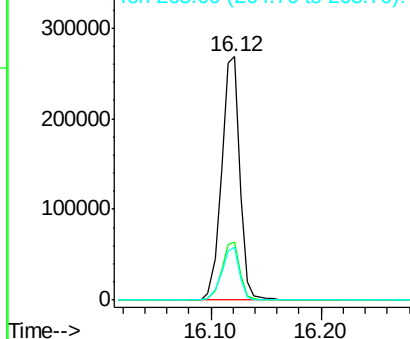
Lab File: BF094390.D

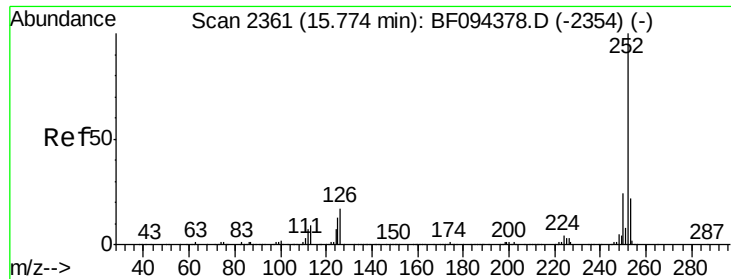
Acq: 13 Apr 2017 14:52

Tgt Ion:	264	Resp:	309785
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8



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





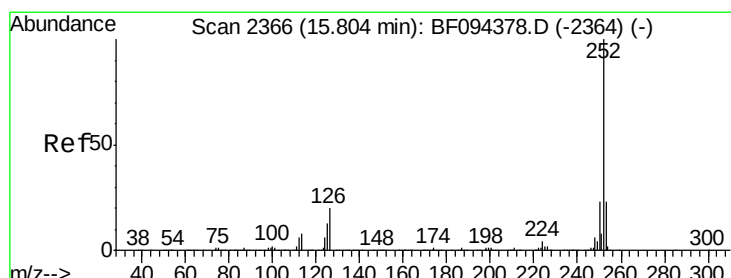
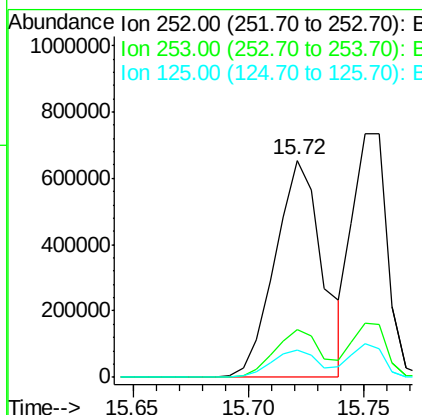
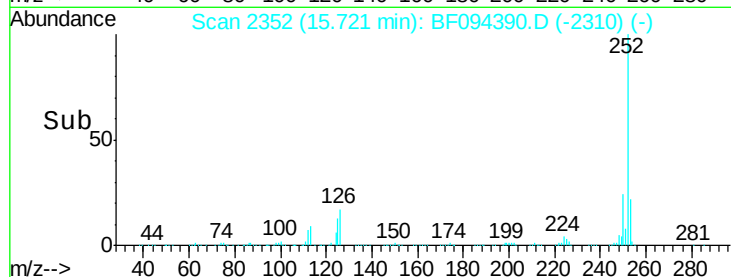
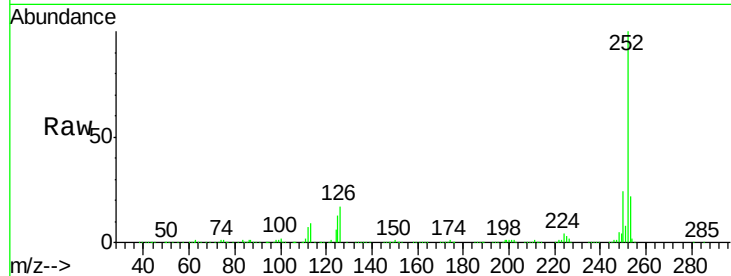
#87
Benzo(b)fluoranthene
Concen: 49.04 ng
RT: 15.72 min Scan# 2352
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.8	9.8	14.8

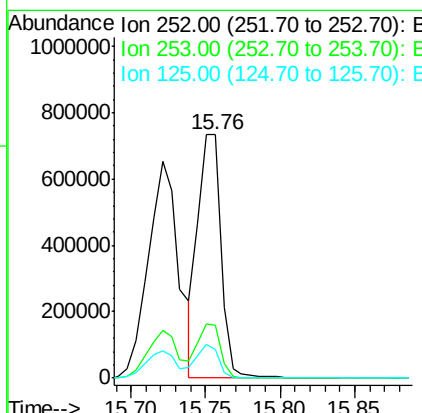
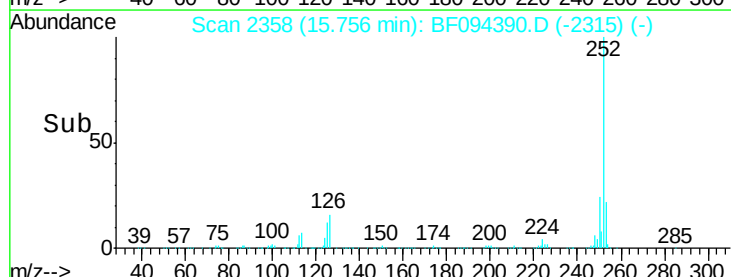
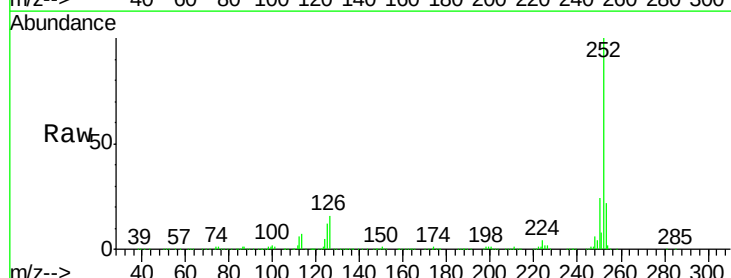
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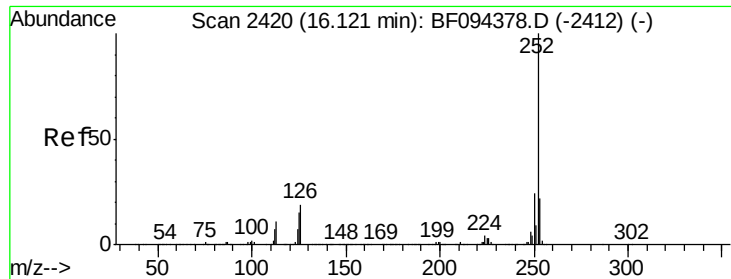
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#88
Benzo(k)fluoranthene
Concen: 41.94 ng
RT: 15.76 min Scan# 2358
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	11.6	13.1	19.7#





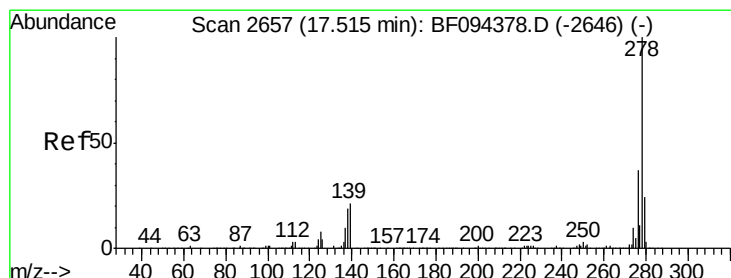
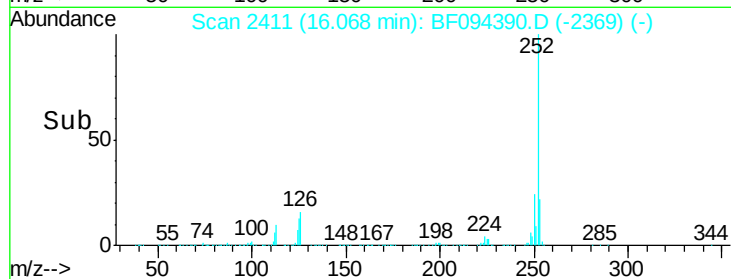
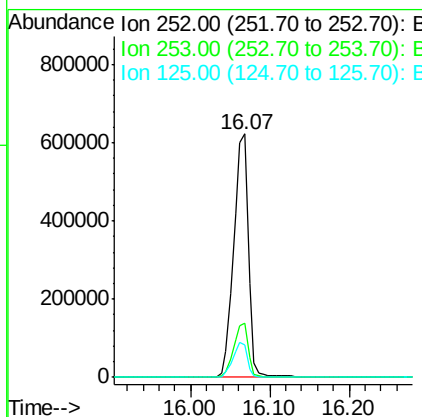
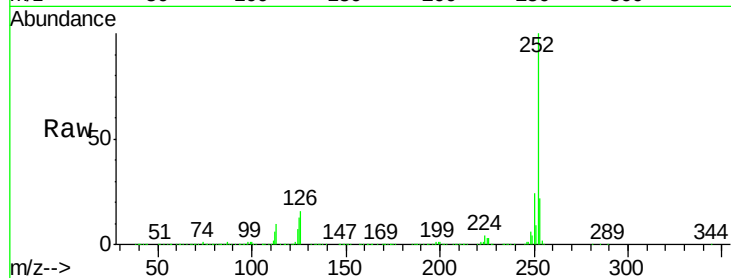
#89
Benzo(a)pyrene
Concen: 45.70 ng
RT: 16.07 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB98215BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.1	11.0	16.4

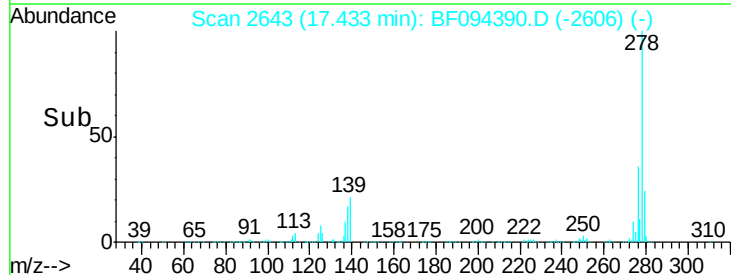
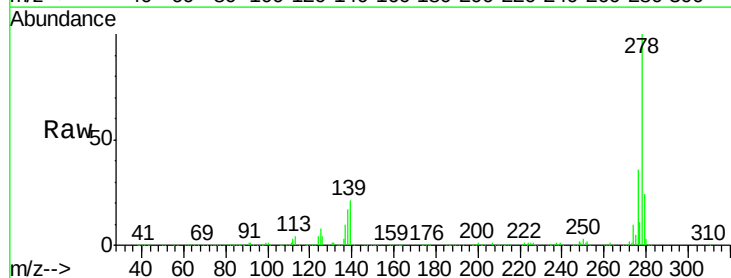
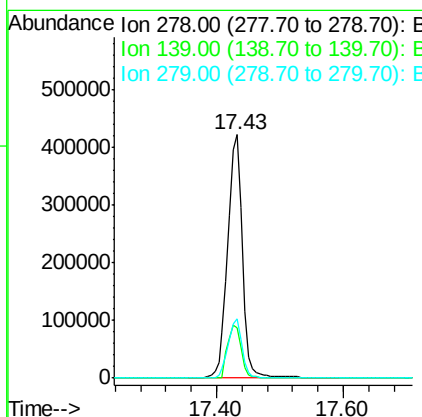
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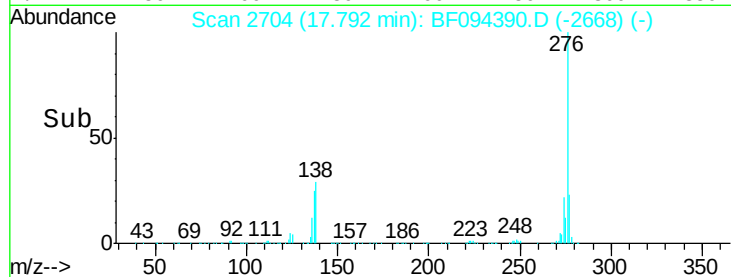
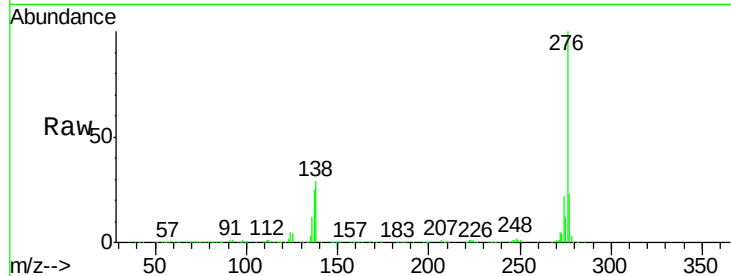
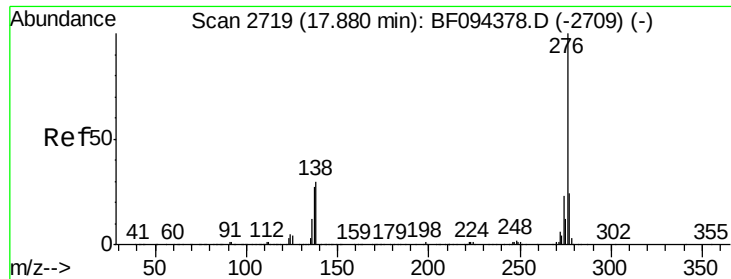
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#90
Dibenzo(a,h)anthracene
Concen: 45.69 ng
RT: 17.43 min Scan# 2643
Delta R.T. -0.08 min
Lab File: BF094390.D
Acq: 13 Apr 2017 14:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.6	24.8
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 45.18 ng
 RT: 17.79 min Scan# 2704
 Delta R.T. -0.09 min
 Lab File: BF094390.D
 Acq: 13 Apr 2017 14:52

Tot Ion	Ratio	Resp	Lower	Upper
276	100	674247		
277	23.2		18.6	28.0
138	28.9		25.4	38.0

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BS

Manual Integrations
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