

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094851.D
 Acq On : 4 May 2017 00:18
 Operator : SJ/MA
 Sample : I2940-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Manual Integrations
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mohammad
 5/4/2017 3:35:04 PM

Quant Time: May 04 04:11:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	96111	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	383443	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	172072	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	283611	20.00	ng	0.00
75) Chrysene-d12	18.64	240	188591	20.00	ng	-0.01
86) Perylene-d12	20.30	264	176918	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	760695	131.96	ng	0.01
7) Phenol-d6	7.28	99	924897	133.72	ng	0.00
23) Nitrobenzene-d5	8.63	82	547764	90.08	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	182000	129.15	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1011739	84.63	ng	0.00
78) Terphenyl-d14	17.30	244	681781	79.63	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	108248	38.29	ng	95
3) Pyridine	2.83	79	240664	36.73	ng	96
4) n-Nitrosodimethylamine	2.75	42	120935	44.28	ng	90
6) Aniline	7.23	93	130642	14.96	ng	96
8) 2-Chlorophenol	7.42	128	292868	44.63	ng	96
9) Benzaldehyde	7.04	77	50384	11.93	ng	96
10) Phenol	7.30	94	332993	45.69	ng	88
11) bis(2-Chloroethyl)ether	7.37	93	255612	42.48	ng	96
12) 1,3-Dichlorobenzene	7.64	146	303031	40.71	ng	98
13) 1,4-Dichlorobenzene	7.75	146	310036	41.07	ng	97
14) 1,2-Dichlorobenzene	7.99	146	295897	42.00	ng	97
15) Benzyl Alcohol	8.01	79	226805	50.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	333092	39.11	ng	53
17) 2-Methylphenol	8.22	107	229399	42.72	ng	# 89
18) Hexachloroethane	8.51	117	102018	39.90	ng	88
19) n-Nitroso-di-n-propylamine	8.44	70	197572	42.23	ng	96
20) 3+4-Methylphenols	8.48	107	311110	42.64	ng	# 59
22) Acetophenone	8.40	105	400675	43.55	ng	# 85
24) Nitrobenzene	8.66	77	278045	43.62	ng	91
25) Isophorone	9.05	82	496394	45.72	ng	96
26) 2-Nitrophenol	9.16	139	157838	45.89	ng	97
27) 2,4-Dimethylphenol	9.30	122	247289	44.47	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	318748	42.44	ng	99
29) 2,4-Dichlorophenol	9.58	162	244645	46.60	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	237468	42.22	ng	99
31) Naphthalene	9.78	128	809593	42.01	ng	99
32) Benzoic acid	9.57	122	72471	22.83	ng	93
33) 4-Chloroaniline	9.94	127	81647	11.37	ng	92
34) Hexachlorobutadiene	10.00	225	120987	40.76	ng	98
35) Caprolactam	10.54	113	71994m	45.67	ng	
36) 4-Chloro-3-methylphenol	10.78	107	246105	43.84	ng	91
37) 2-Methylnaphthalene	10.91	142	552993	43.72	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	218830	41.35	ng	99
40) Hexachlorocyclopentadiene	11.17	237	117922	55.05	ng	99

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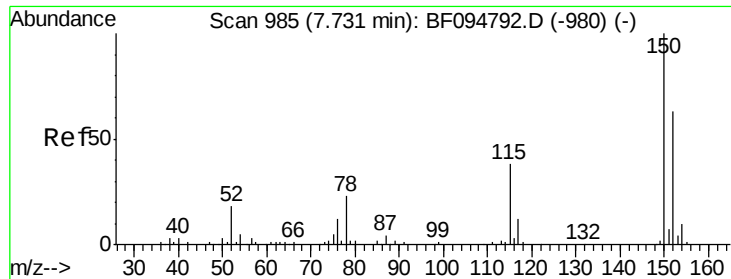
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	158933	44.98	ng	98
43) 2,4,5-Trichlorophenol	11.49	196	161775	42.60	ng #	92
45) 1,1'-Biphenyl	11.67	154	616322	42.54	ng	98
46) 2-Chloronaphthalene	11.69	162	484536	41.42	ng	96
47) 2-Nitroaniline	11.90	65	135275	42.25	ng #	80
48) Acenaphthylene	12.35	152	784267	42.80	ng	98
49) Dimethylphthalate	12.22	163	665879	47.14	ng	100
50) 2,6-Dinitrotoluene	12.31	165	127467	44.23	ng	94
51) Acenaphthene	12.63	154	454211	41.50	ng	100
52) 3-Nitroaniline	12.57	138	63780	20.62	ng #	88
53) 2,4-Dinitrophenol	12.77	184	108526	69.28	ng #	69
54) Dibenzofuran	12.92	168	689250	45.51	ng	98
55) 4-Nitrophenol	12.95	139	164658	88.63	ng #	72
56) 2,4-Dinitrotoluene	12.97	165	165916	44.80	ng #	89
57) Fluorene	13.47	166	546436	41.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	116208	48.62	ng #	94
59) Diethylphthalate	13.37	149	538348	39.76	ng	100
60) 4-Chlorophenyl-phenylether	13.49	204	242898	41.97	ng	93
61) 4-Nitroaniline	13.57	138	106731	37.59	ng	96
62) Azobenzene	13.75	77	494062	45.41	ng	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	79932	42.04	ng #	67
65) n-Nitrosodiphenylamine	13.71	169	459688	44.66	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	131978	44.05	ng	100
67) Hexachlorobenzene	14.37	284	128383	41.81	ng #	91
68) Atrazine	14.62	200	132262	45.51	ng	96
69) Pentachlorophenol	14.71	266	122719	87.77	ng	98
70) Phenanthrene	15.01	178	712430	43.72	ng	98
71) Anthracene	15.09	178	731797	43.96	ng	98
72) Carbazole	15.38	167	639659	42.24	ng	97
73) Di-n-butylphthalate	15.95	149	795117	42.10	ng	98
74) Fluoranthene	16.75	202	708466	42.38	ng	99
76) Benzidine	16.98	184	33344	12.23	ng #	92
77) Pyrene	17.05	202	685310	48.59	ng	98
79) Butylbenzylphthalate	17.96	149	288311	43.95	ng #	87
80) Benzo(a)anthracene	18.63	228	498501	45.42	ng	98
81) 3,3'-Dichlorobenzidine	18.61	252	87672	23.13	ng #	95
82) Chrysene	18.67	228	463289	43.65	ng	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	401341	42.94	ng #	99
84) Di-n-octyl phthalate	19.48	149	649328	42.37	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	444724	51.60	ng	98
87) Benzo(b)fluoranthene	19.90	252	491007	44.91	ng	98
88) Benzo(k)fluoranthene	19.93	252	432797	41.04	ng #	94
89) Benzo(a)pyrene	20.25	252	444126	44.03	ng	98
90) Dibenzo(a,h)anthracene	21.61	278	357168	42.87	ng	98
91) Benzo(g,h,i)perylene	21.97	276	363538	44.47	ng	96

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



#1

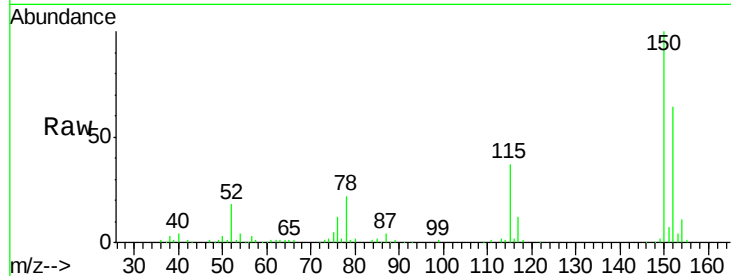
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

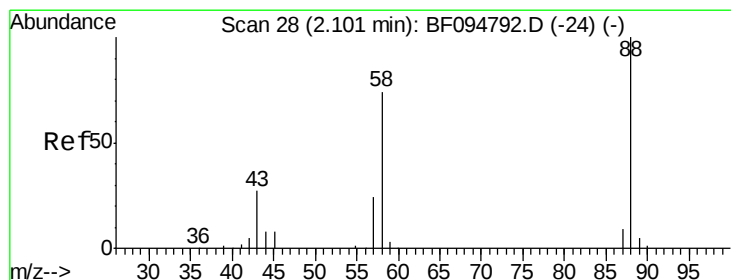
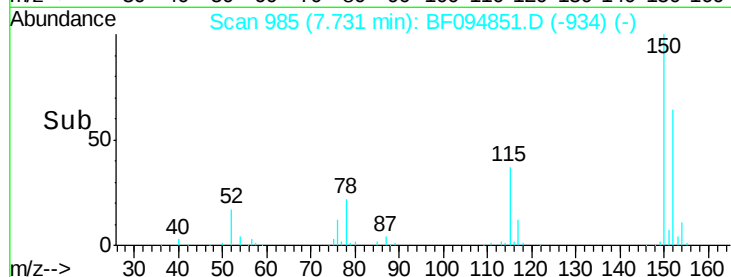
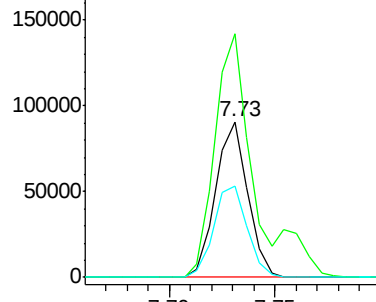
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	58.3	52.2	78.2

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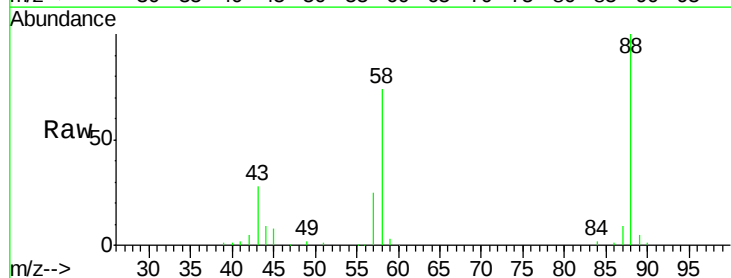
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



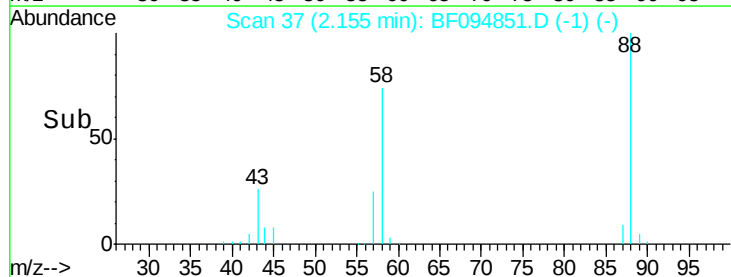
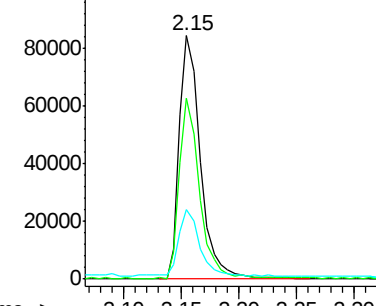
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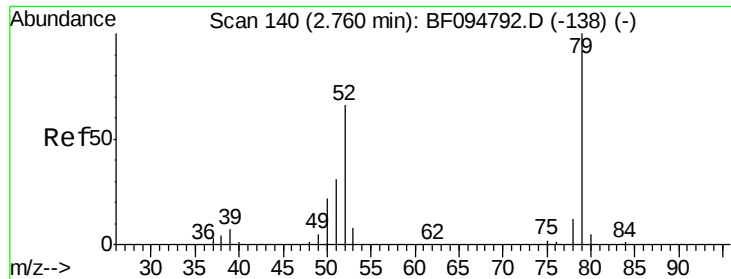
1,4-Dioxane
Concen: 38.29 ng
RT: 2.15 min Scan# 37
Delta R.T. 0.05 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	61.4	92.0
43	26.8	23.4	35.0



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





#3

Pyridine

Concen: 36.73 ng

RT: 2.83 min Scan# 151

Delta R.T. 0.06 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

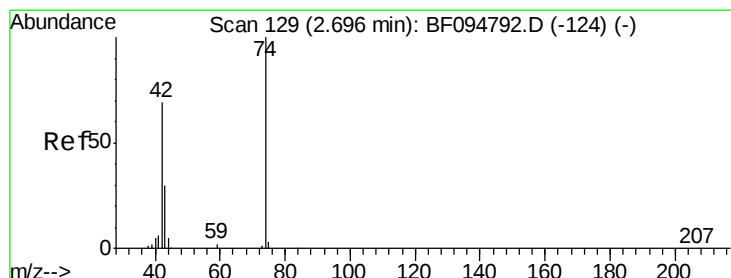
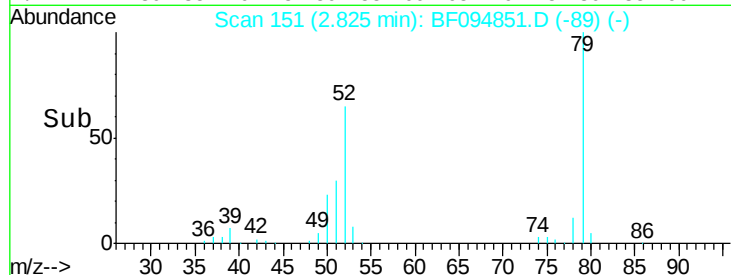
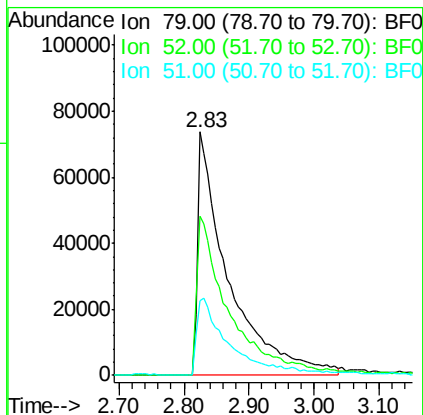
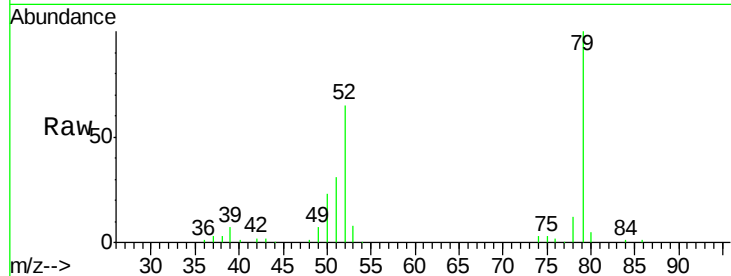
ClientSampleId :

5040-COMPMSD

Tgt Ion:	79	Resp:	240664
Ion	Ratio	Lower	Upper
79	100		
52	65.4	54.8	82.2
51	30.7	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.28 ng

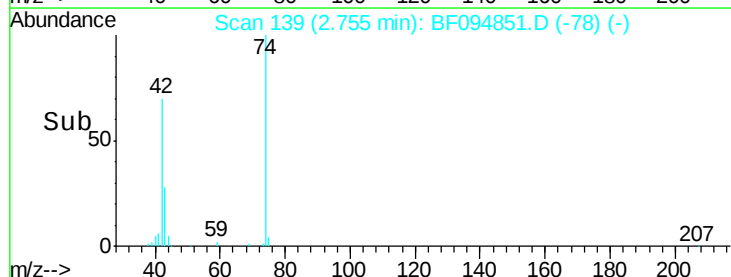
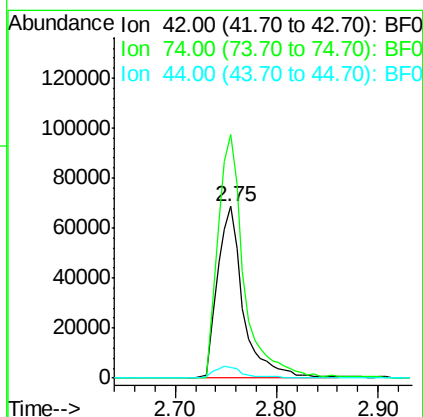
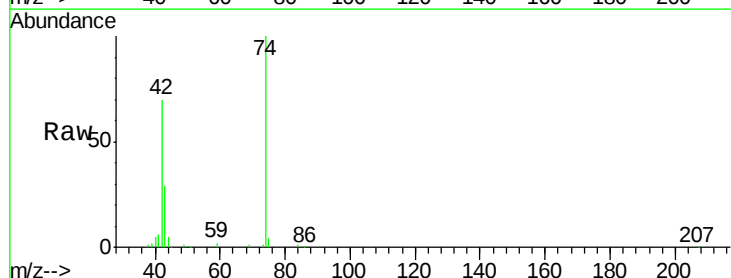
RT: 2.75 min Scan# 139

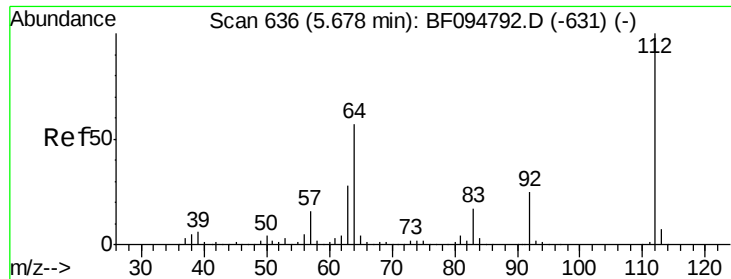
Delta R.T. 0.06 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:	42	Resp:	120935
Ion	Ratio	Lower	Upper
42	100		
74	141.9	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 131.96 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

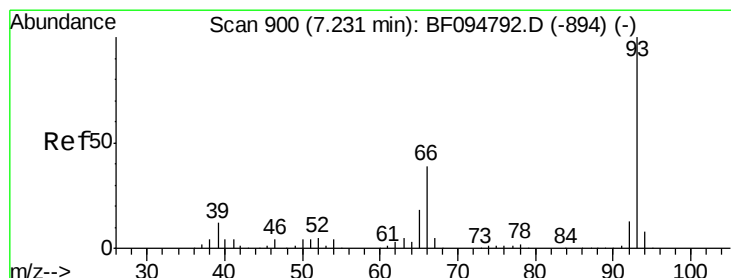
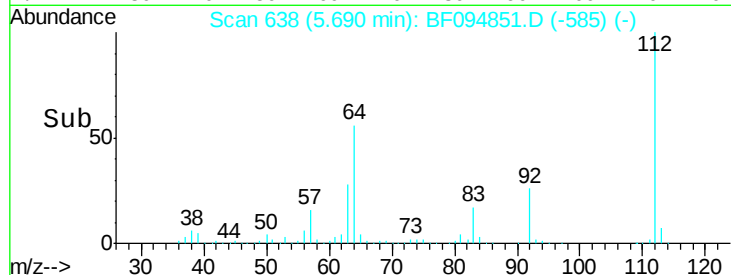
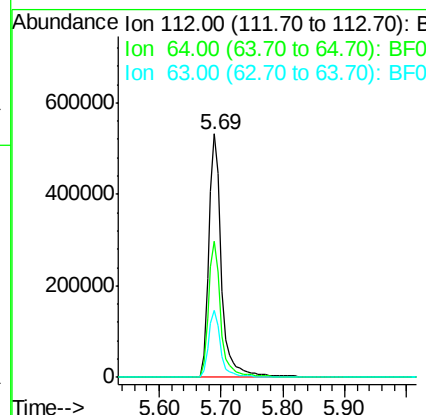
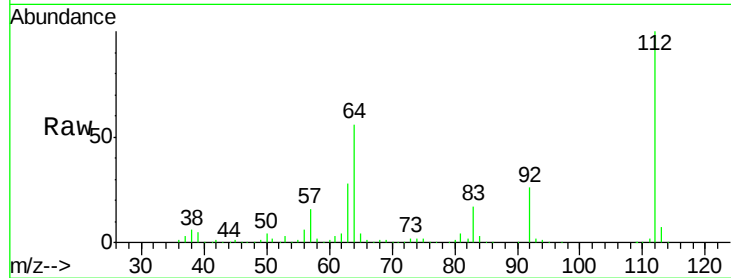
ClientSampleId :

5040-COMPMSD

Tgt Ion:	112	Resp:	760695
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.0	69.0
63	27.8	23.4	35.0

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#6

Aniline

Concen: 14.96 ng

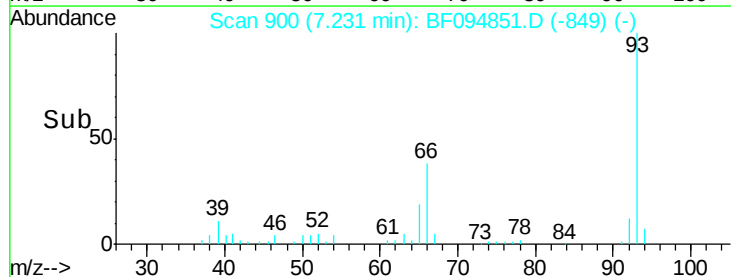
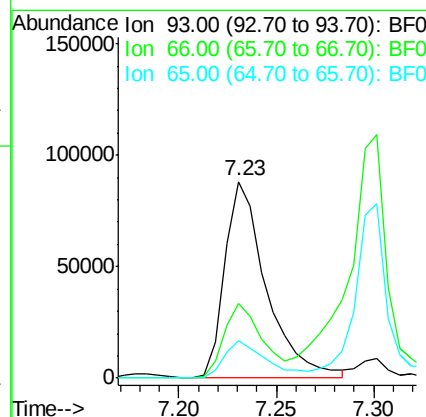
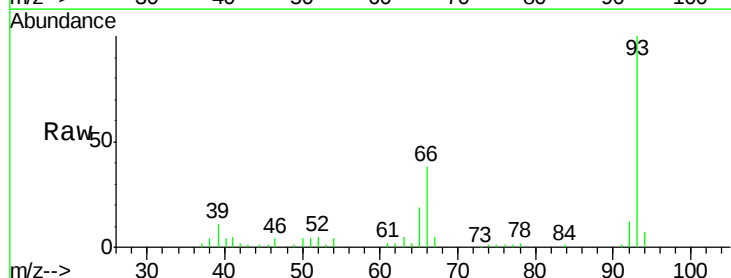
RT: 7.23 min Scan# 900

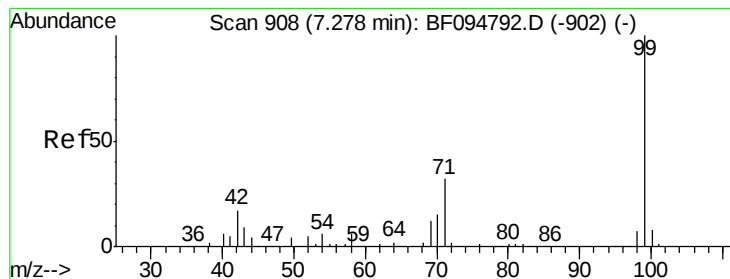
Delta R.T. 0.00 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:	93	Resp:	130642
Ion Ratio	Lower	Upper	
93	100		
66	37.8	32.9	49.3
65	19.0	16.0	24.0





#7

Phenol-d6

Concen: 133.72 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

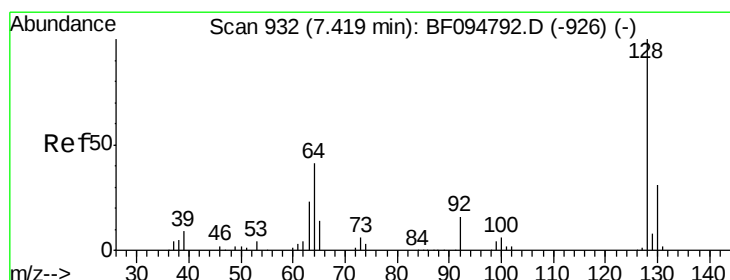
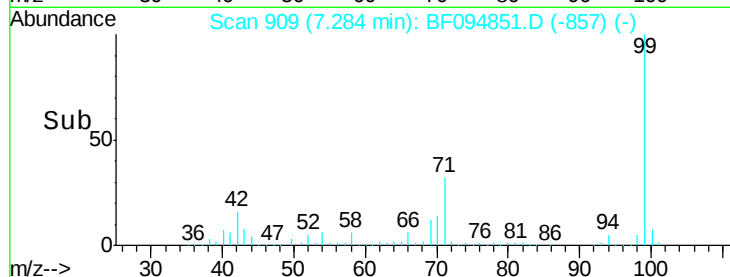
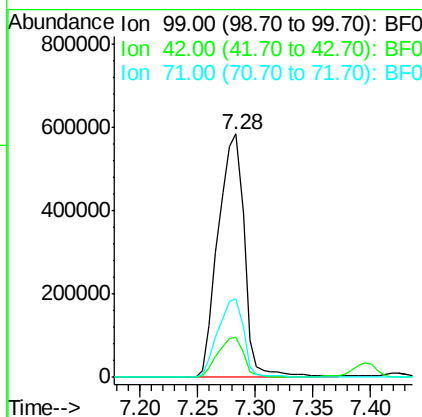
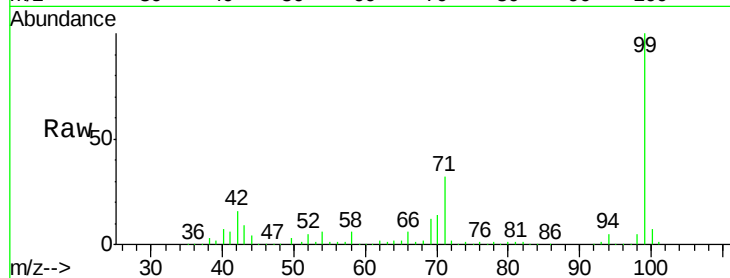
ClientSampleId :

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Tgt Ion:	99	Resp:	924897
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	32.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 44.63 ng

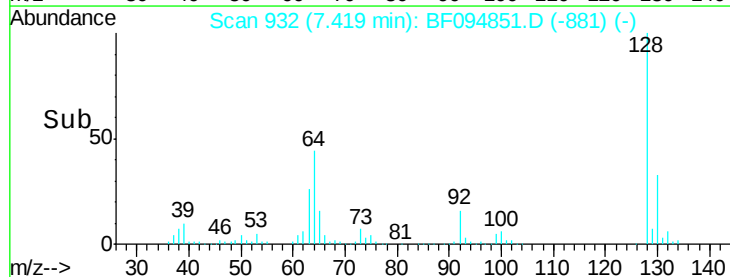
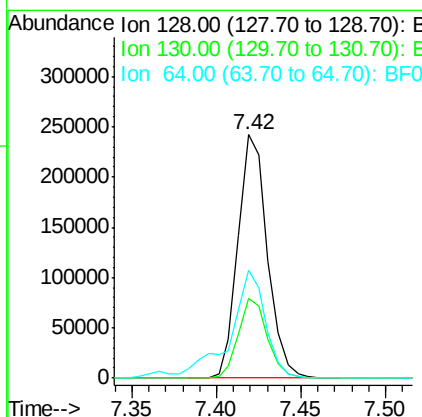
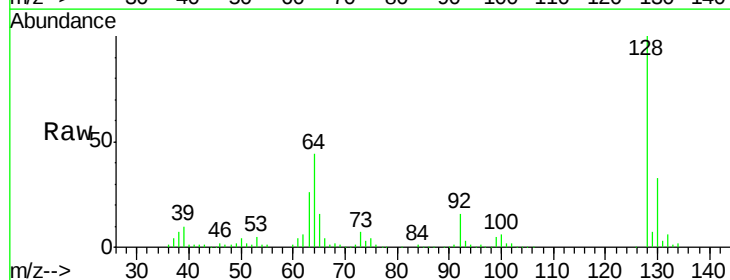
RT: 7.42 min Scan# 932

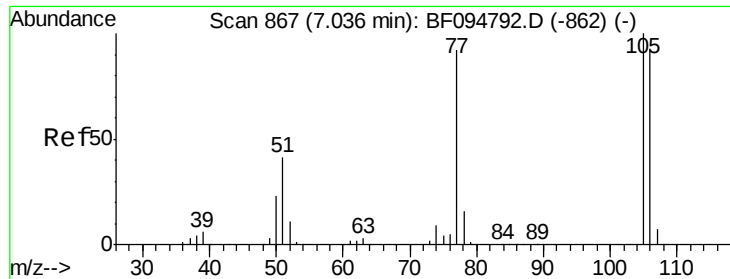
Delta R.T. 0.00 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:	128	Resp:	292868
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	44.3	28.4	68.4





#9

Benzaldehyde

Concen: 11.93 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

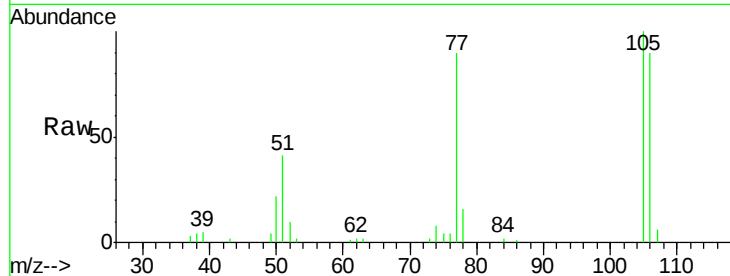
ClientSampleId :

5040-COMPMSD

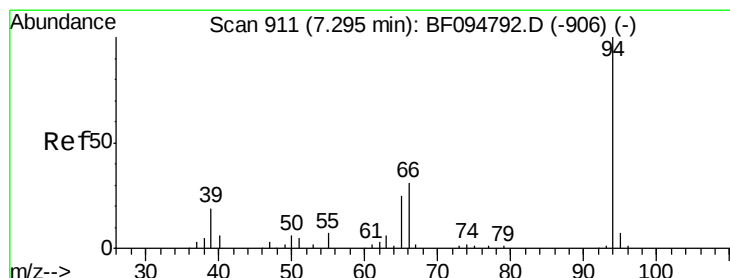
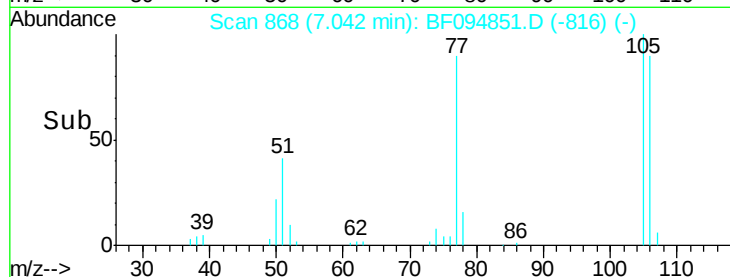
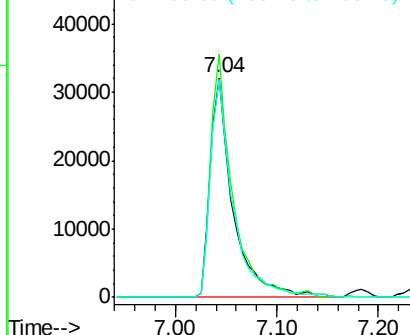
Tgt Ion:	77	Resp:	50384
Ion	Ratio	Lower	Upper
77	100		
105	110.9	83.8	123.8
106	99.4	79.1	119.1

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 45.69 ng

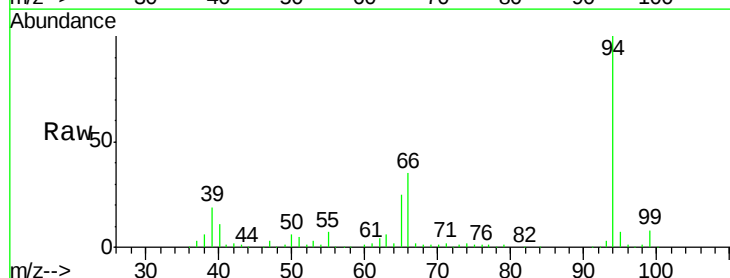
RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

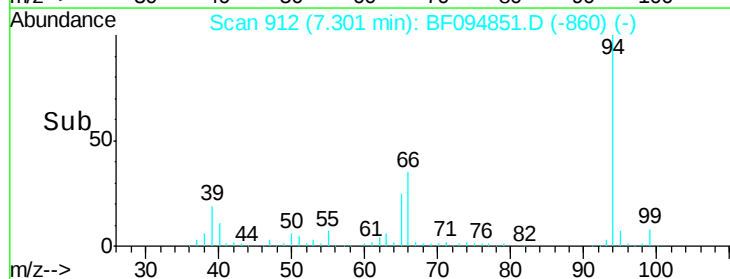
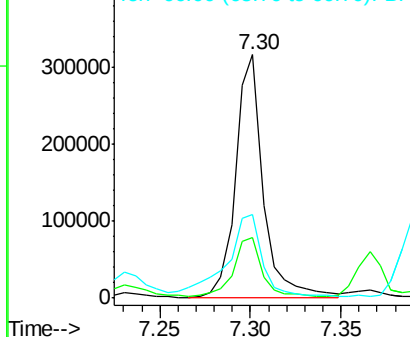
Lab File: BF094851.D

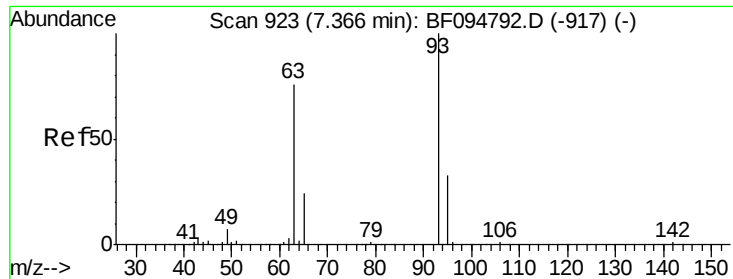
Acq: 4 May 2017 00:18

Tgt Ion:	94	Resp:	332993
Ion	Ratio	Lower	Upper
94	100		
65	24.8	9.9	49.9
66	34.6	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





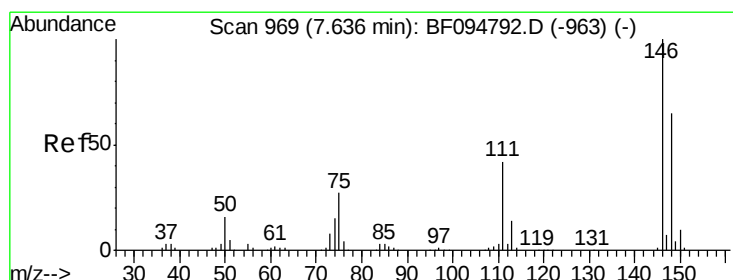
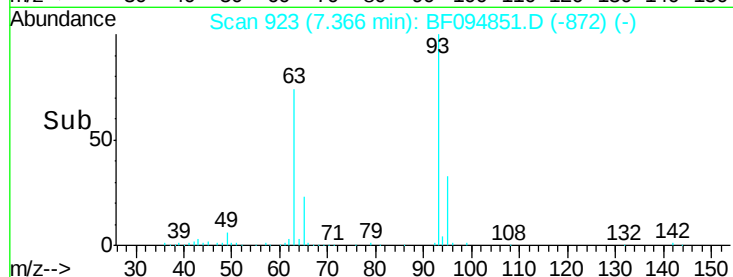
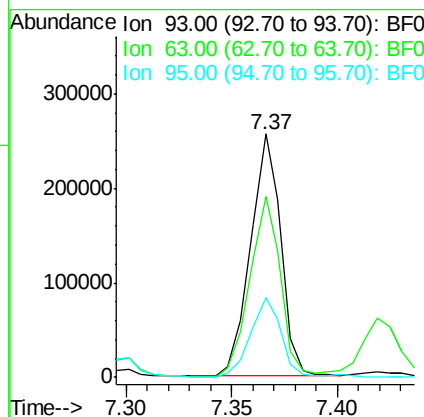
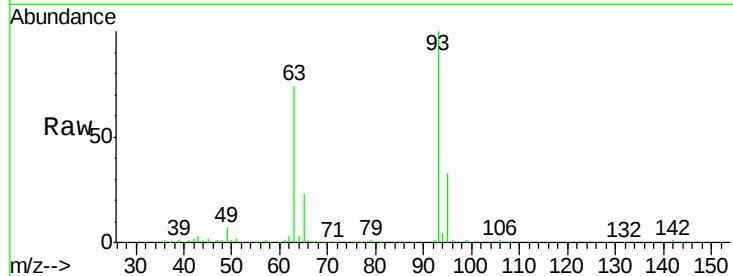
#11
bis(2-Chloroethyl)ether
Concen: 42.48 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion:	93	Resp:	255612
Ion Ratio	Lower	Upper	
93	100		
63	74.3	59.2	99.2
95	32.8	12.8	52.8

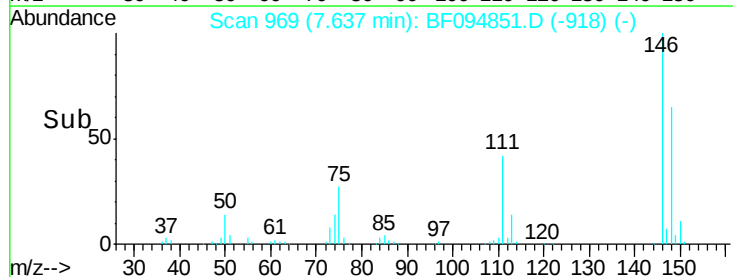
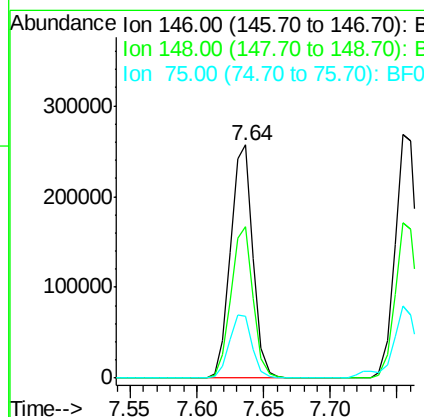
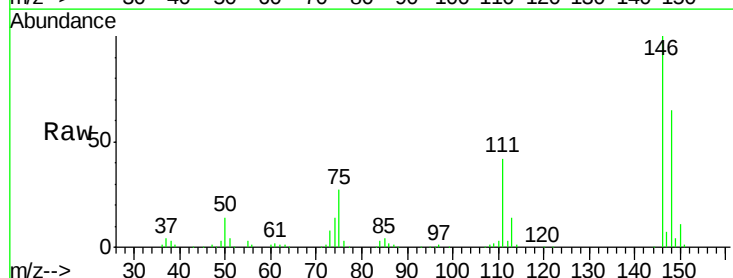
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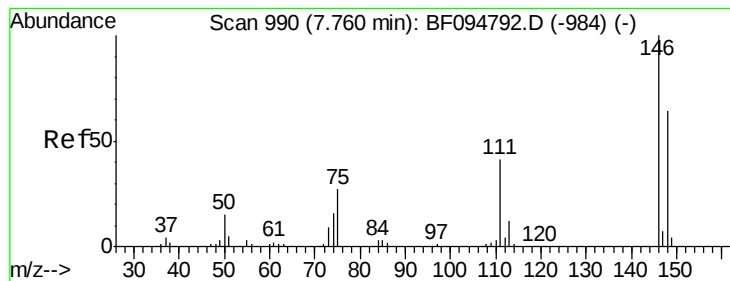
mohammad
5/4/2017 3:35:04 PM



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 7.64 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:	146	Resp:	303031
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.6
75	26.8	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.07 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

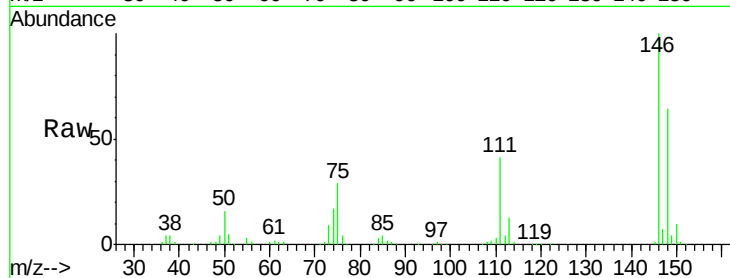
ClientSampleId :

5040-COMPMSD

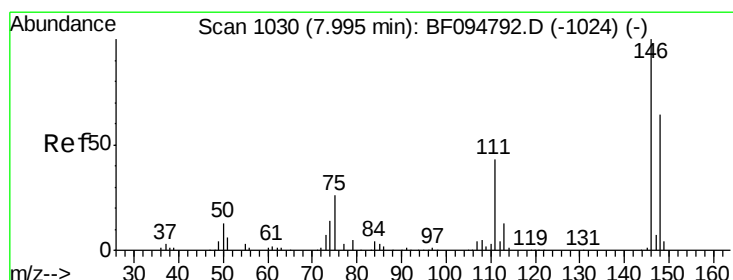
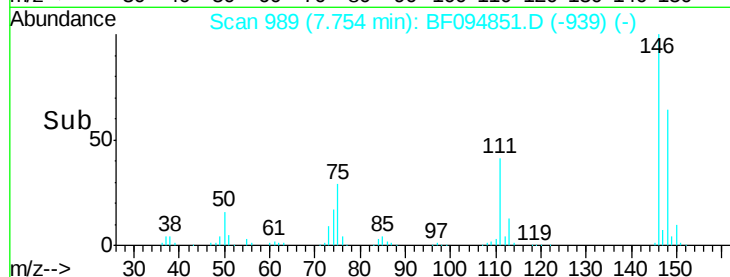
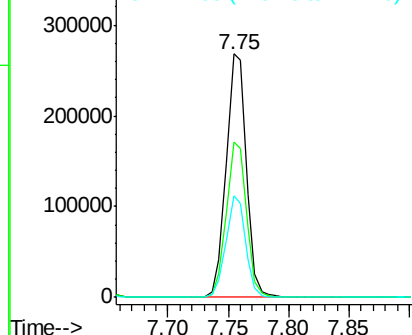
Tgt Ion:	146	Resp:	310036
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	41.5	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.00 ng

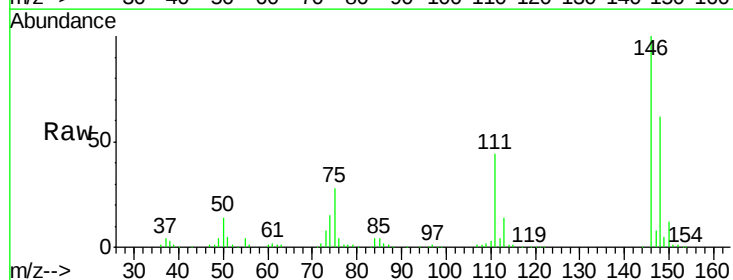
RT: 7.99 min Scan# 1029

Delta R.T. -0.01 min

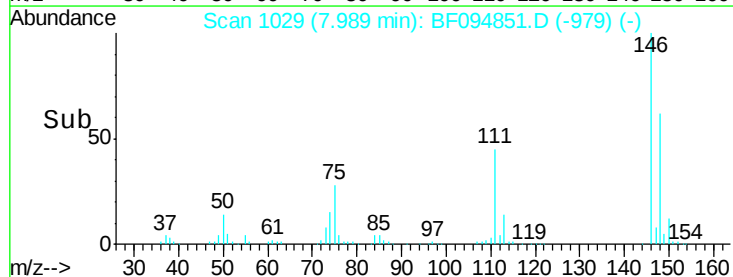
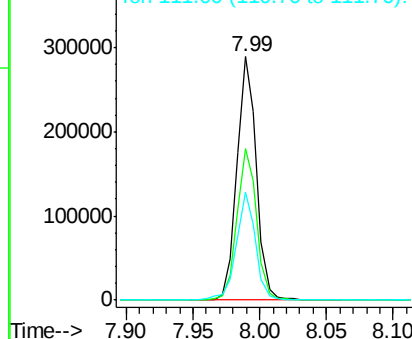
Lab File: BF094851.D

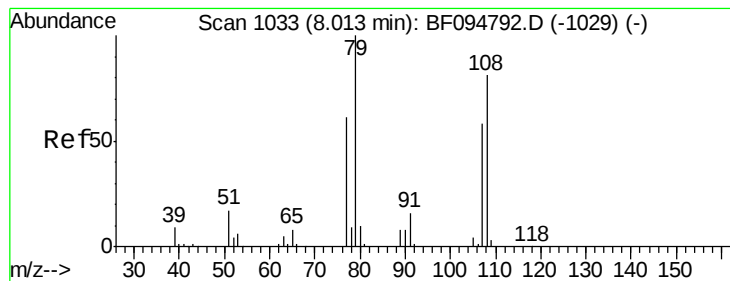
Acq: 4 May 2017 00:18

Tgt Ion:	146	Resp:	295897
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.4	75.6
111	44.5	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.98 ng

RT: 8.01 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

5040-COMPMSD

Tgt Ion: 79 Resp: 226805

Ion Ratio Lower Upper

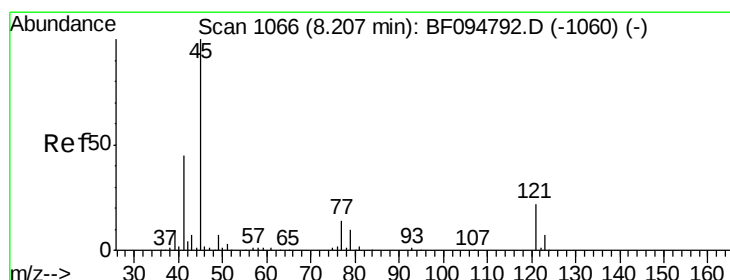
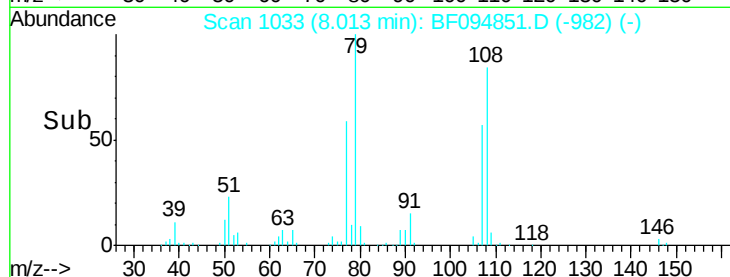
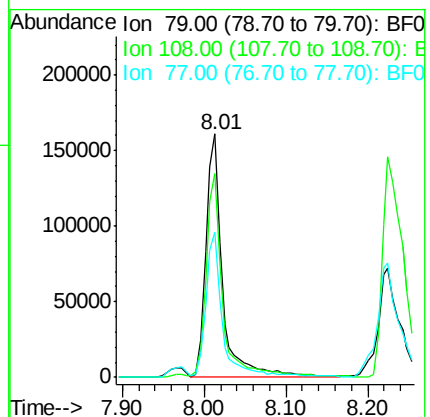
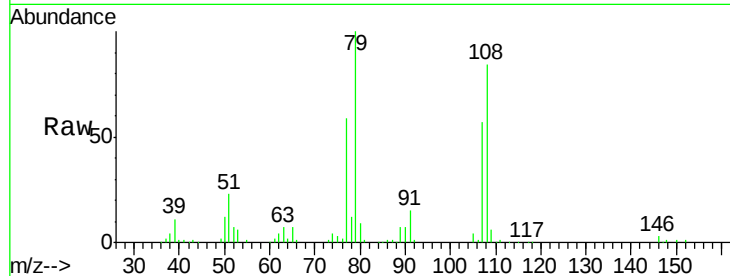
79 100

108 83.6 63.4 95.0

77 59.4 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.11 ng

RT: 8.22 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

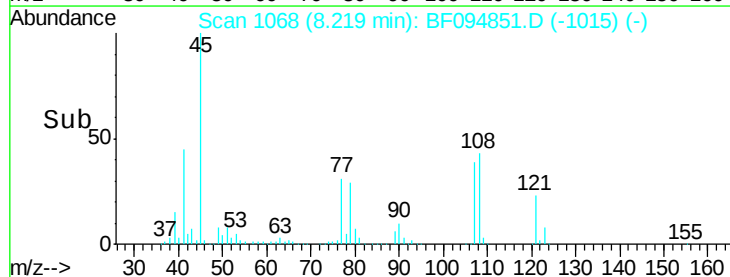
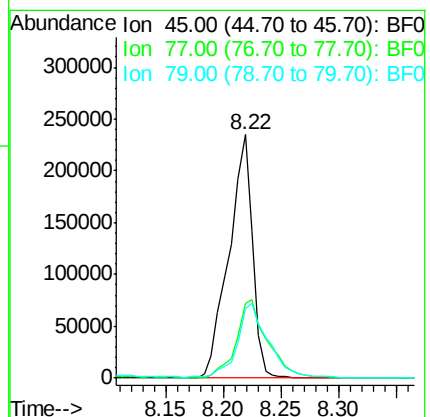
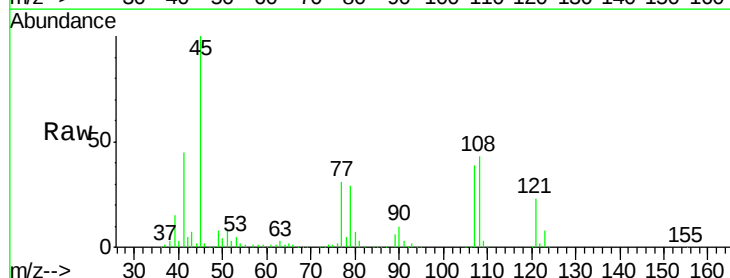
Tgt Ion: 45 Resp: 333092

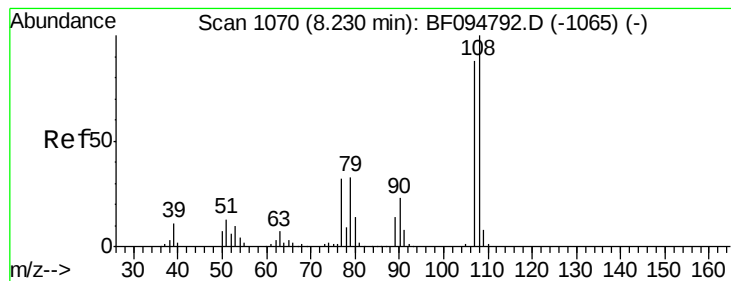
Ion Ratio Lower Upper

45 100

77 30.8 0.0 33.2

79 28.8 0.0 30.0





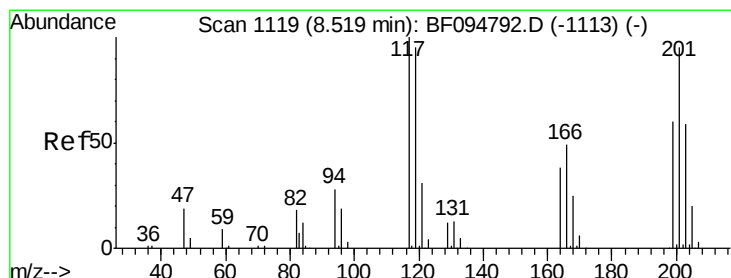
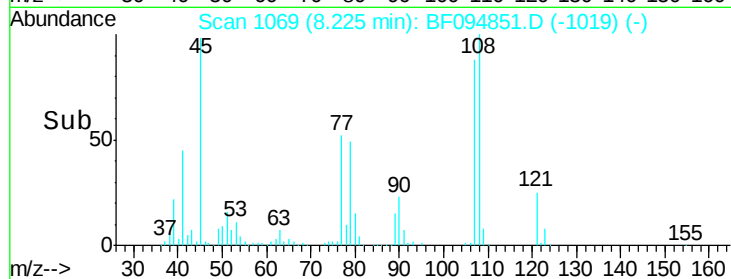
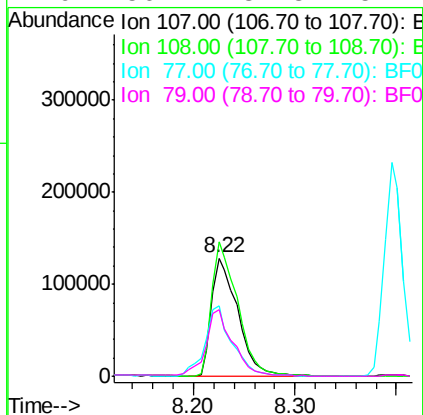
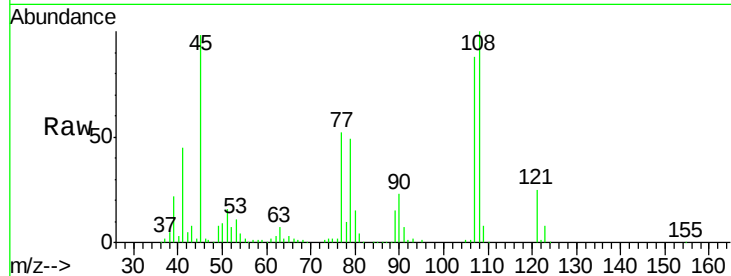
#17
2-Methylphenol
Concen: 42.72 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	229399		
108	113.7	93.4	140.0	
77	59.3	35.8	53.6#	
79	56.1	34.8	52.2#	

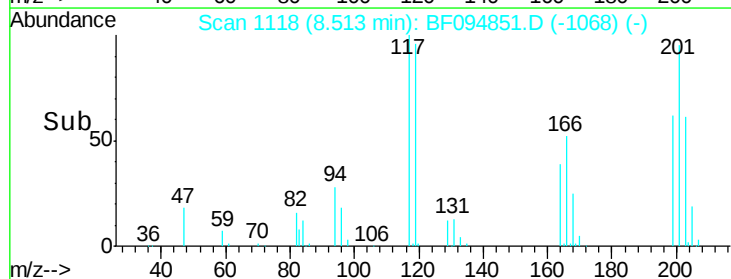
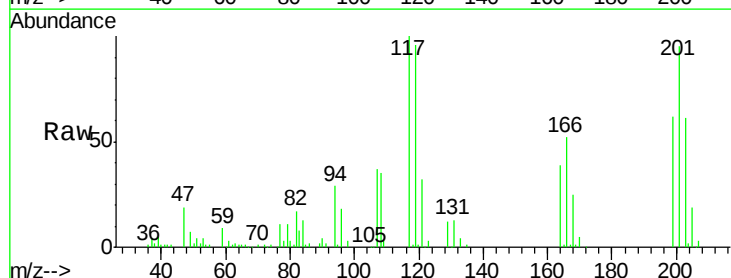
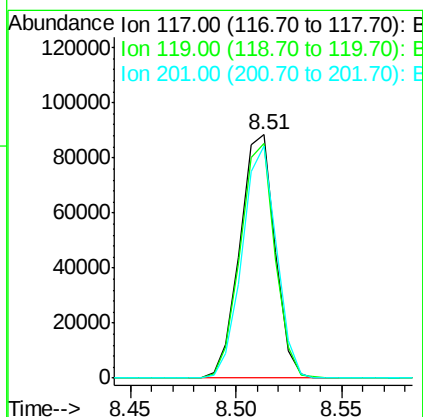
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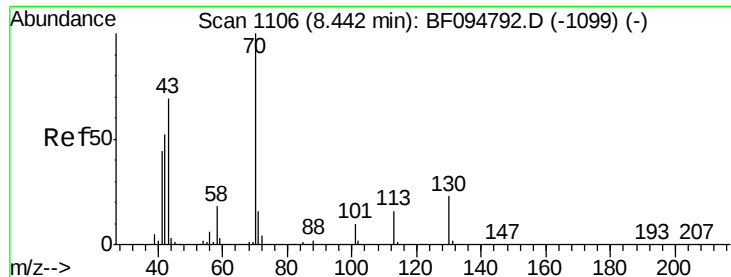
mohammad
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#18
Hexachloroethane
Concen: 39.90 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102018		
119	96.1	77.4	116.0	
201	95.4	94.6	141.8	





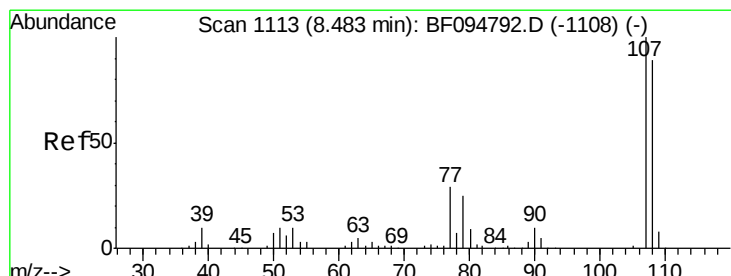
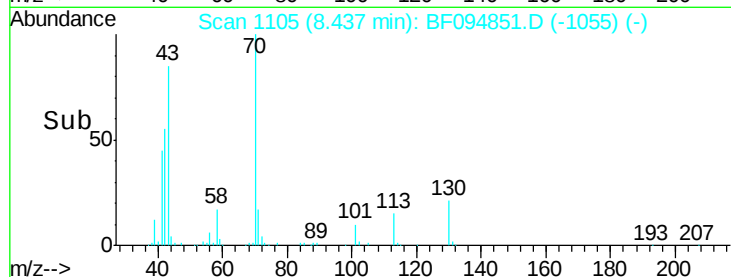
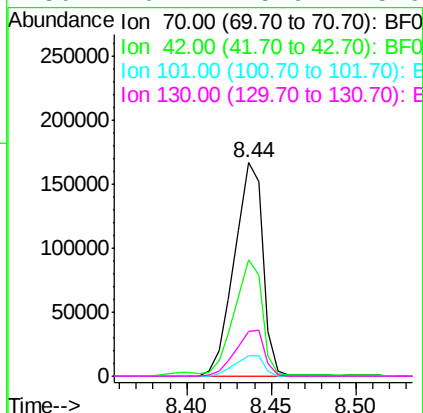
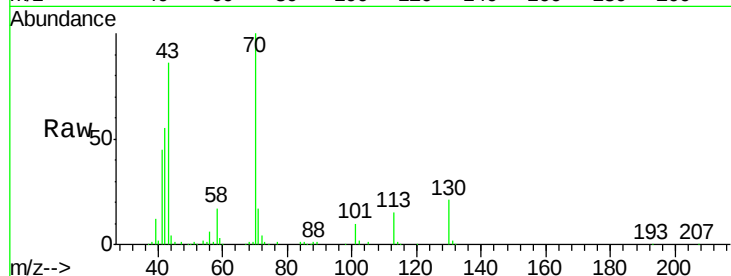
#19
n-Nitroso-di-n-propylamine
Concen: 42.23 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.6	47.2	70.8	
101	9.5	7.2	10.8	
130	20.7	15.9	23.9	

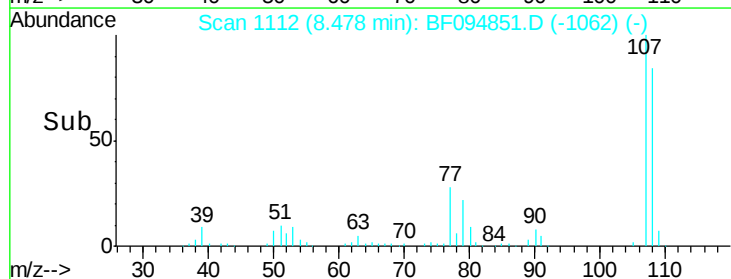
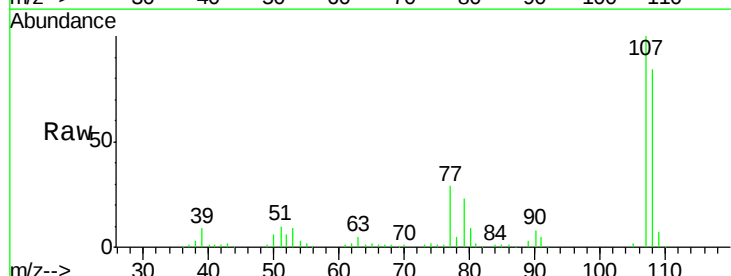
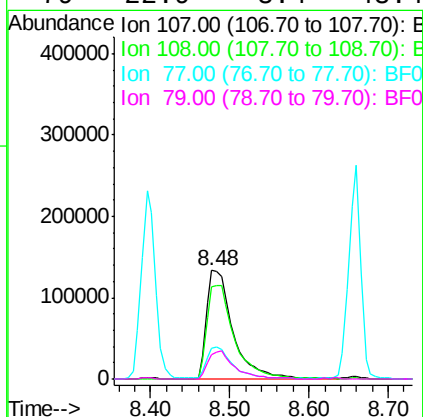
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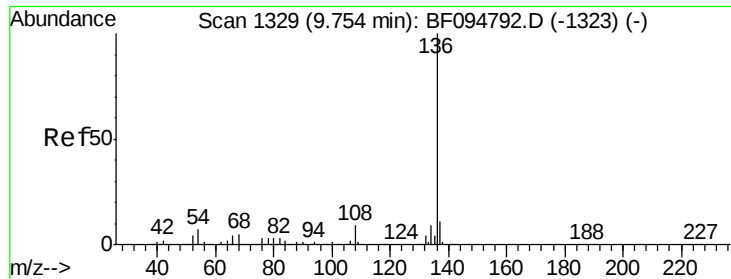
mohammad
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#20
3+4-Methylphenols
Concen: 42.64 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.4	71.0	111.0	
77	28.5	90.5	130.5#	
79	22.9	8.4	48.4	





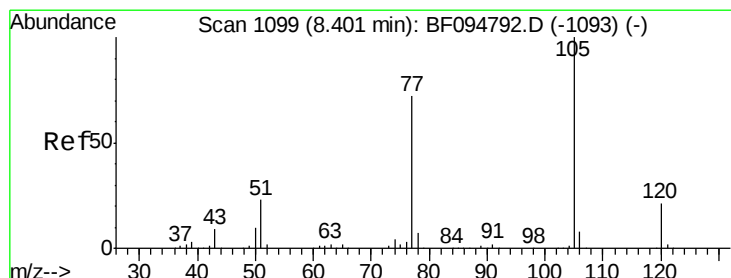
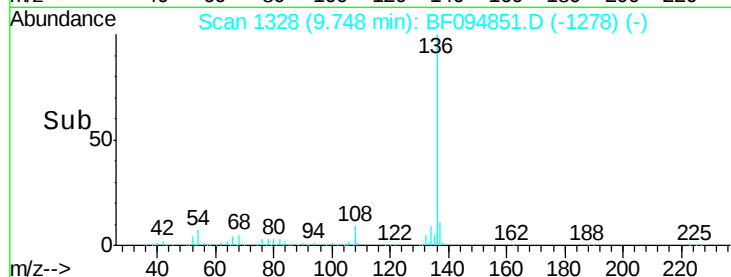
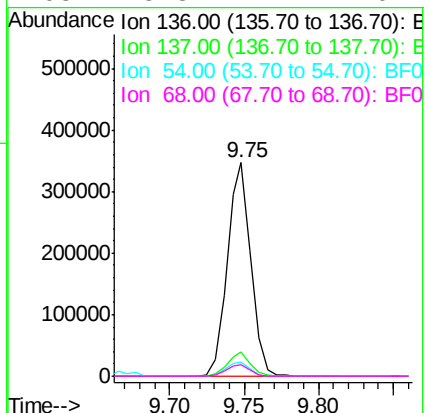
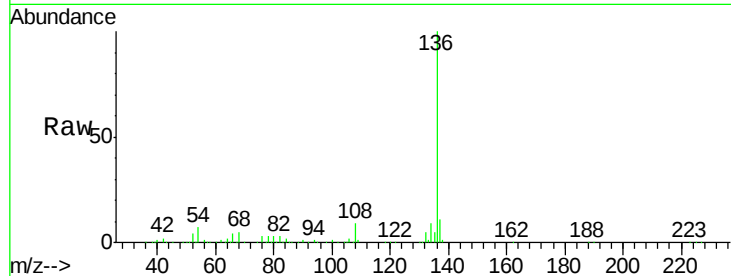
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	383443		
137	11.2	8.5	12.7	
54	6.6	4.9	7.3	
68	5.3	4.1	6.1	

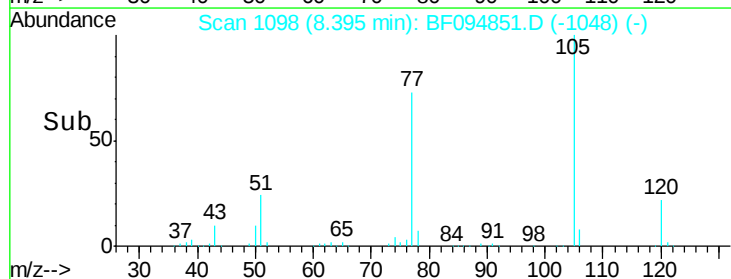
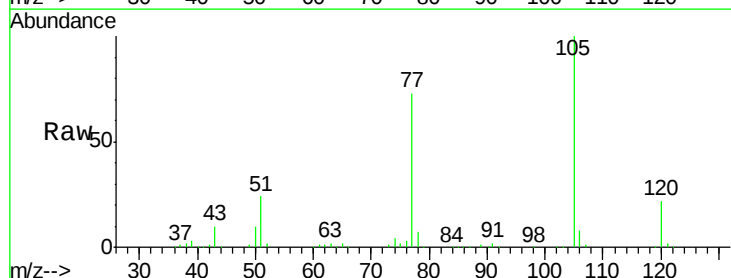
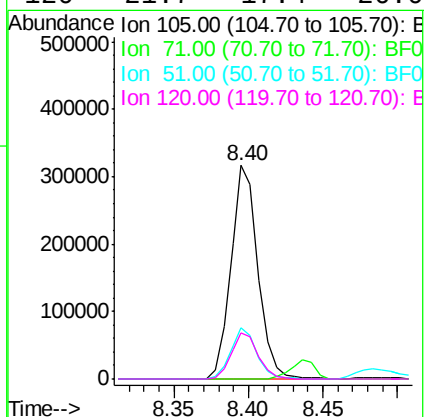
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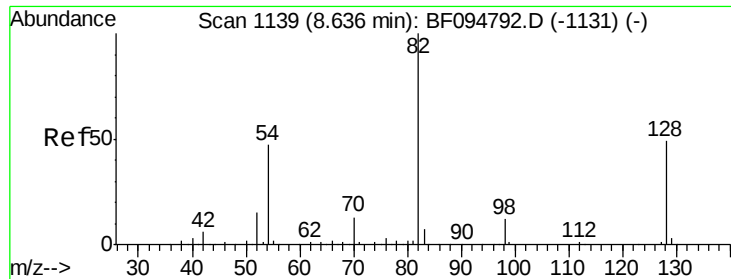
mohammad
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#22
Acetophenone
Concen: 43.55 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	400675		
71	0.0	2.8	4.2#	
51	24.1	30.7	46.1#	
120	21.7	17.4	26.0	





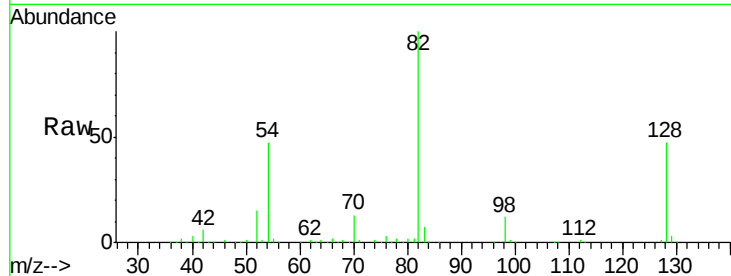
#23
 Nitrobenzene-d5
 Concen: 90.08 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

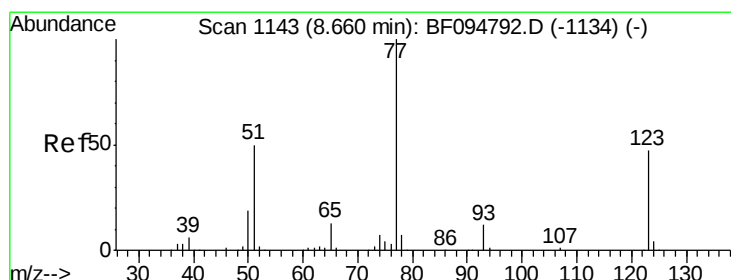
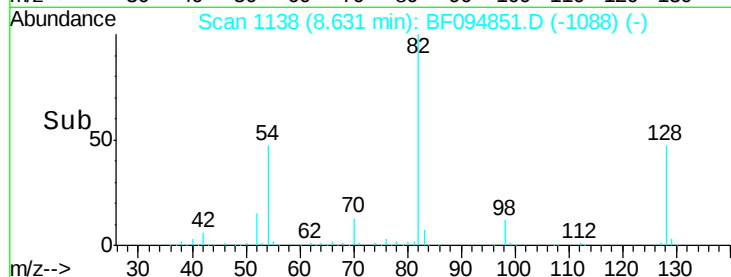
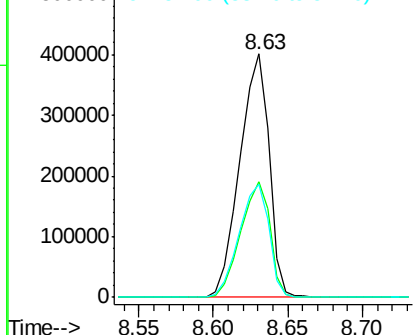
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	46.5	42.2	63.2

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 5/4/2017 3:35:04 PM



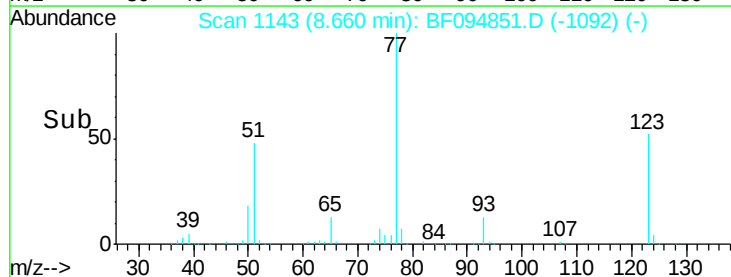
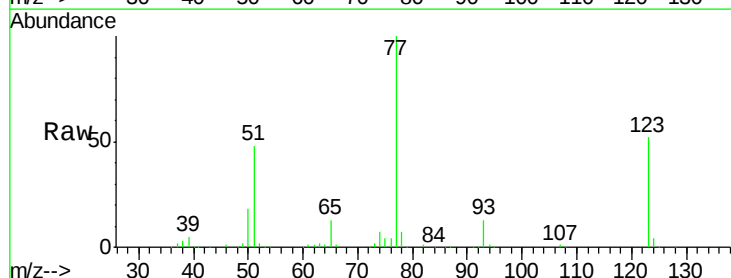
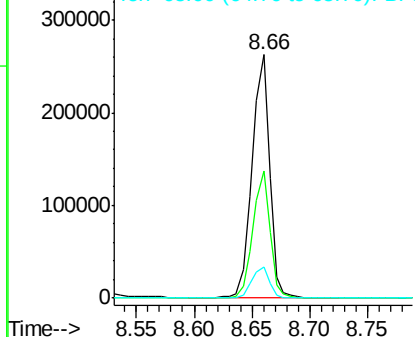
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

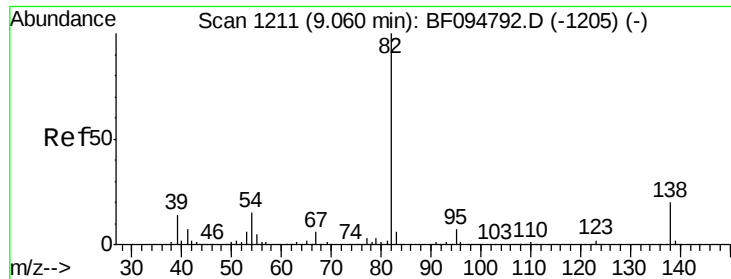


#24
 Nitrobenzene
 Concen: 43.62 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	35.8	53.8
65	12.7	10.6	15.8

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





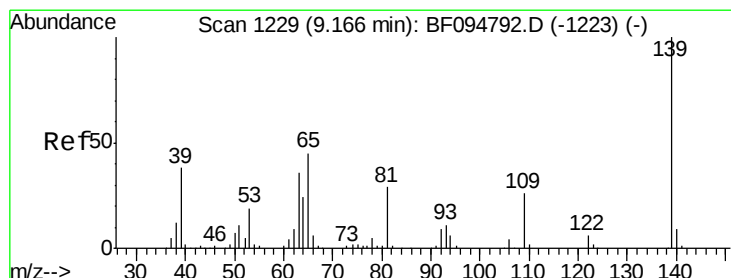
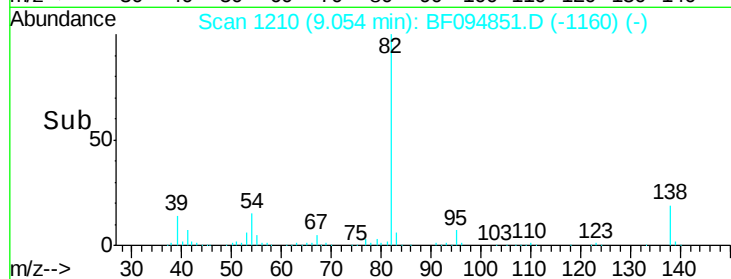
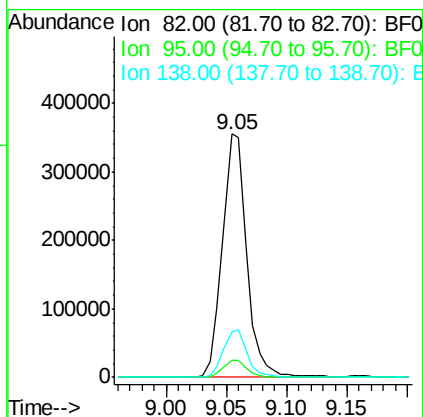
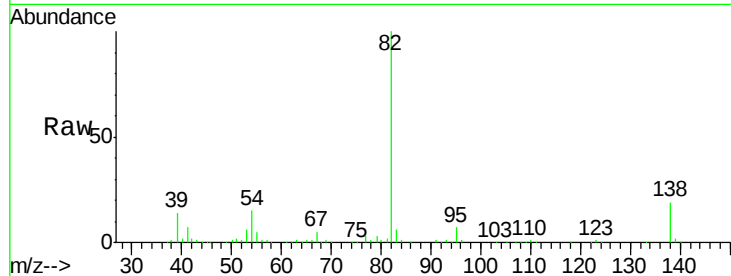
#25
Isophorone
Concen: 45.72 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	496394		
95	6.9	5.3	7.9	
138	18.7	13.1	19.7	

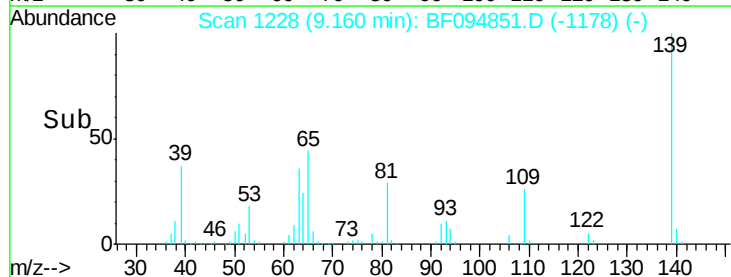
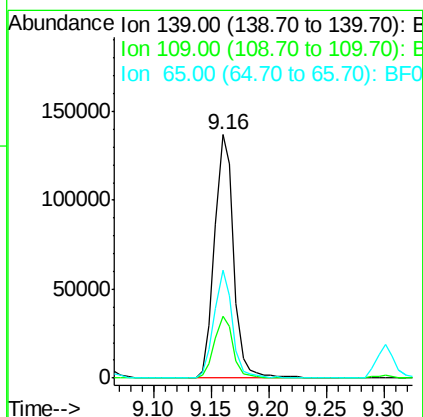
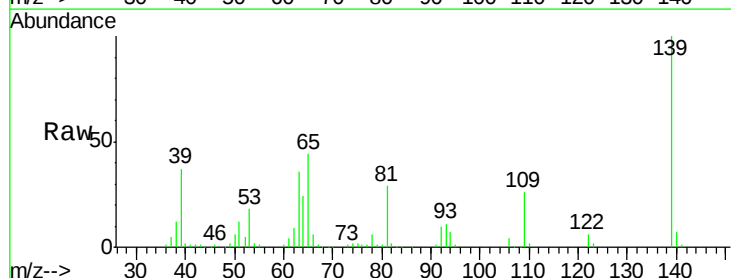
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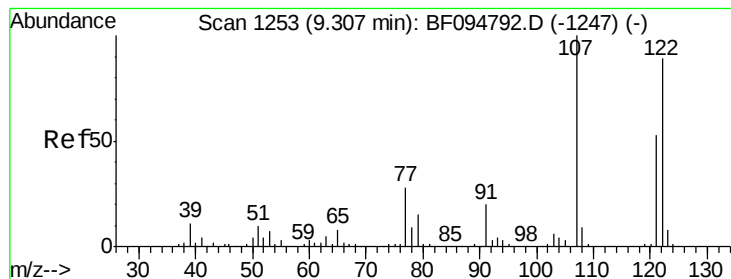
mohammad
5/4/2017 3:35:04 PM



#26
2-Nitrophenol
Concen: 45.89 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	157838		
109	25.6	21.0	31.6	
65	44.4	33.0	49.6	





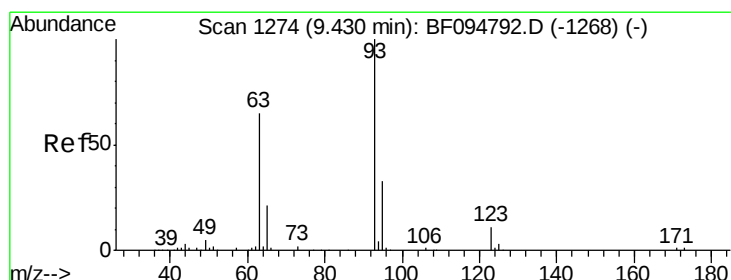
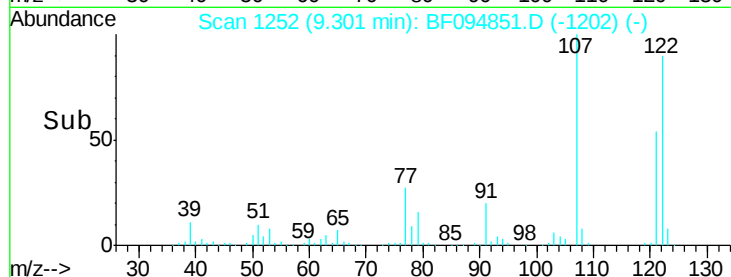
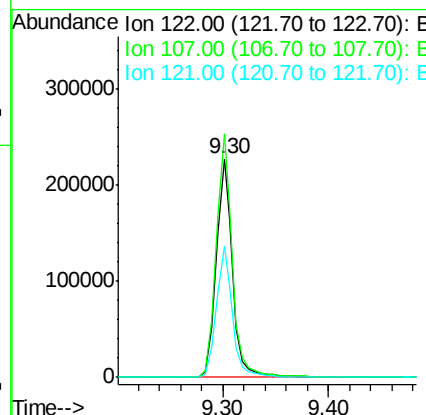
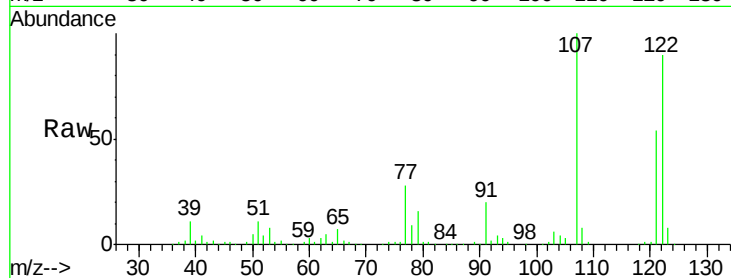
#27
 2,4-Dimethylphenol
 Concen: 44.47 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.5	89.2	133.8
121	60.2	45.2	67.8

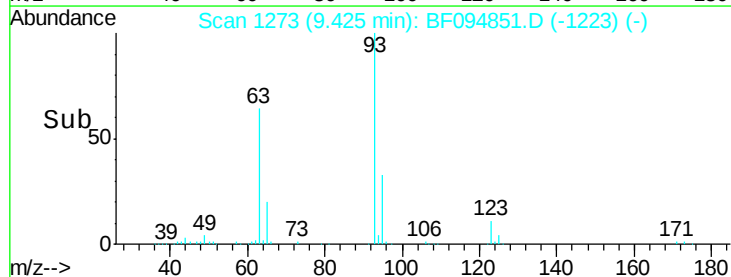
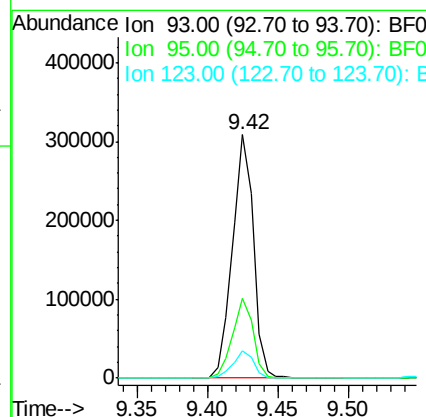
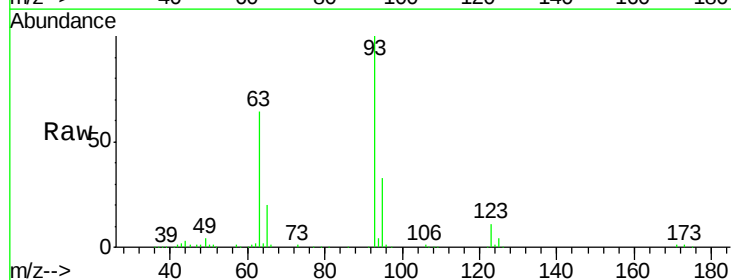
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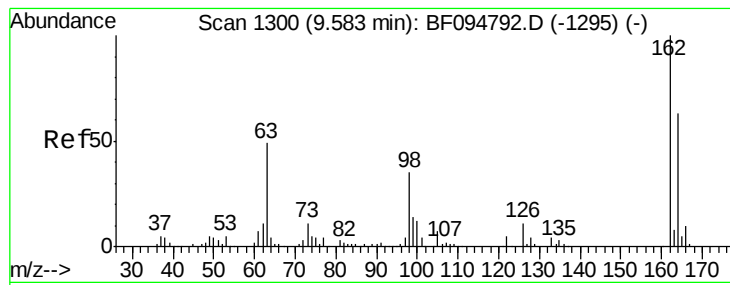
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.44 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 46.60 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

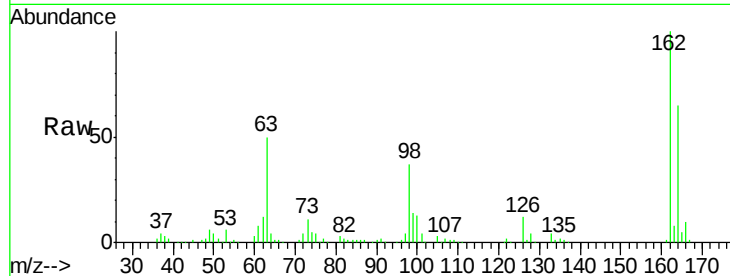
ClientSampleId :

5040-COMPMSD

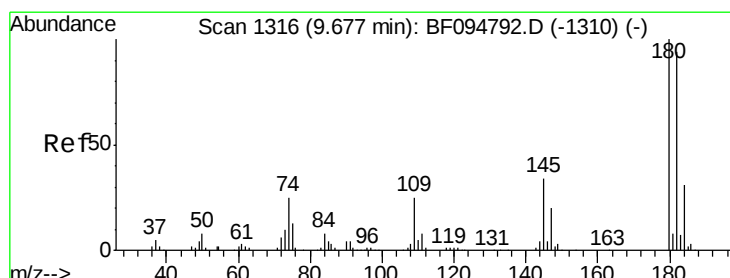
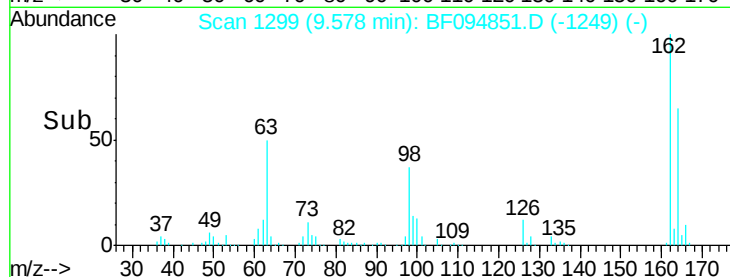
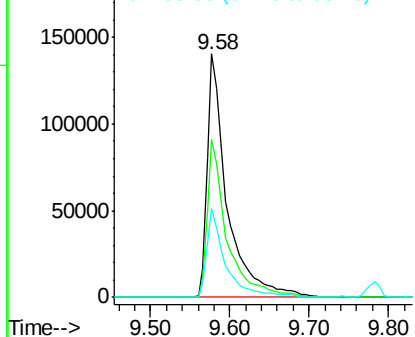
Tgt Ion:	162	Resp:	244645
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	36.6	14.8	54.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.22 ng

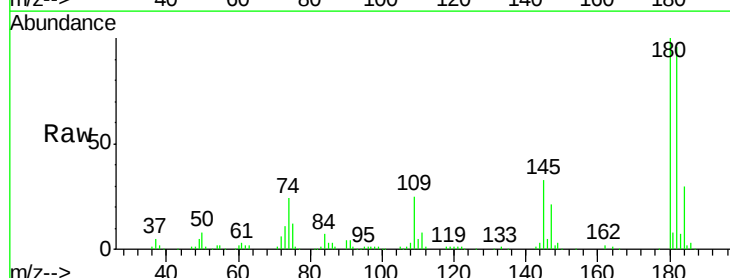
RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

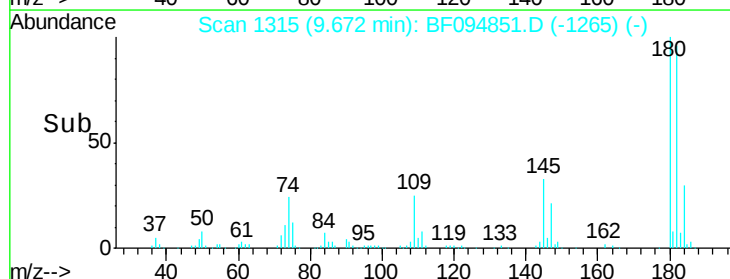
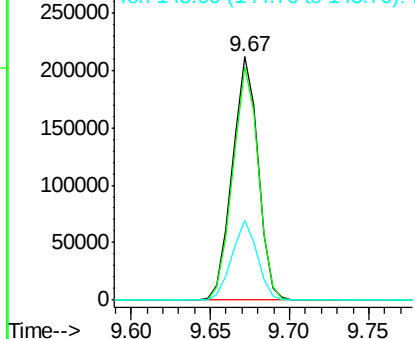
Lab File: BF094851.D

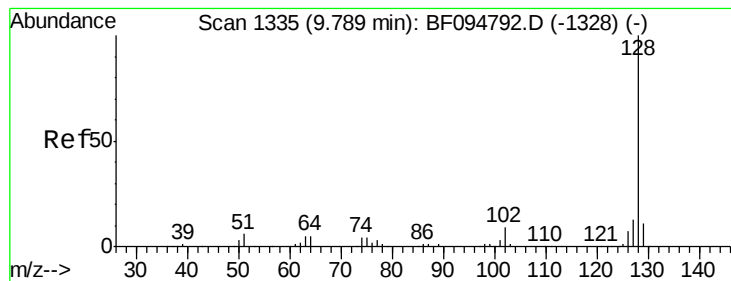
Acq: 4 May 2017 00:18

Tgt Ion:	180	Resp:	237468
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.8	113.6
145	32.8	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.01 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

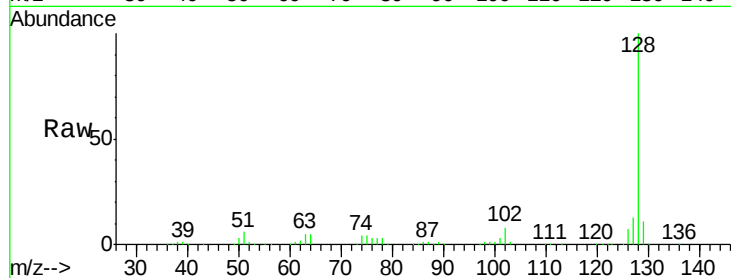
ClientSampleId :

5040-COMPMSD

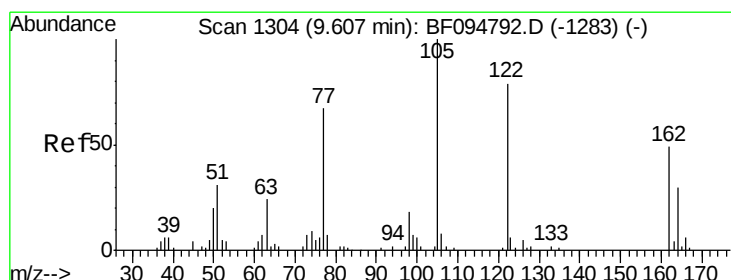
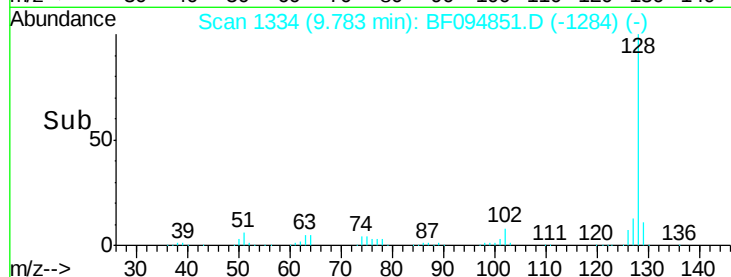
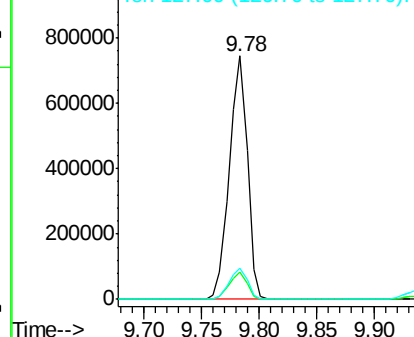
Tgt Ion:	128	Resp:	809593
Ion Ratio		Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.0	10.8	16.2

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



#32

Benzoic acid

Concen: 22.83 ng

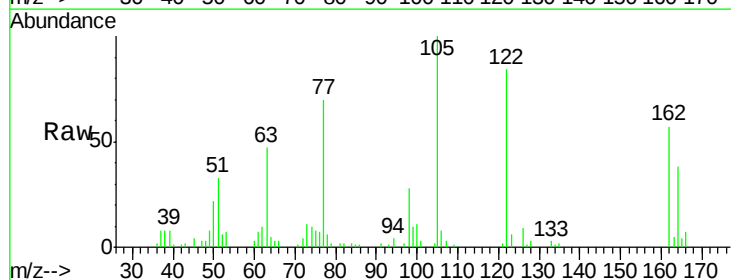
RT: 9.57 min Scan# 1297

Delta R.T. -0.04 min

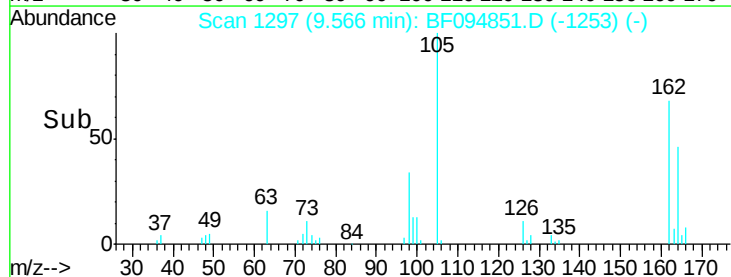
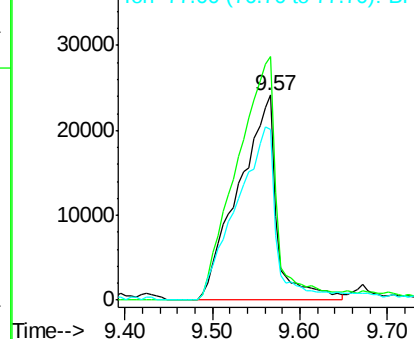
Lab File: BF094851.D

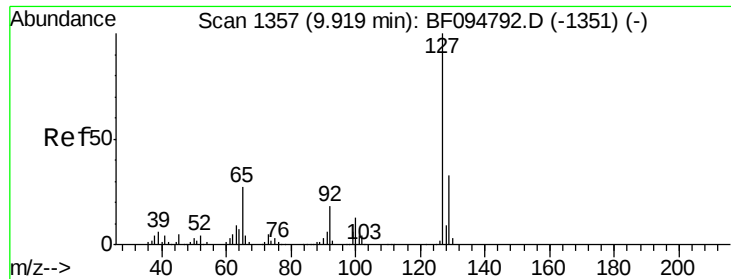
Acq: 4 May 2017 00:18

Tgt Ion:	122	Resp:	72471
Ion Ratio		Lower	Upper
122	100		
105	118.9	103.3	143.3
77	83.4	73.7	113.7



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





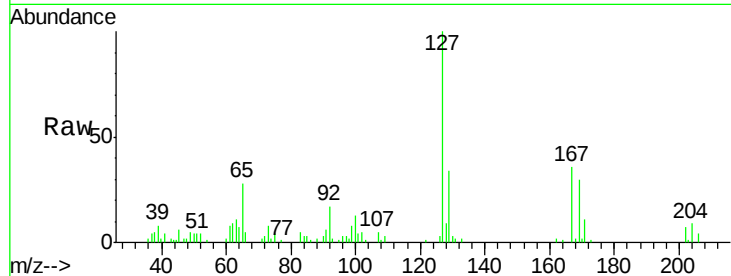
#33
 4-Chloroaniline
 Concen: 11.37 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.2
65	28.0	27.8	41.8
92	16.8	16.8	25.2

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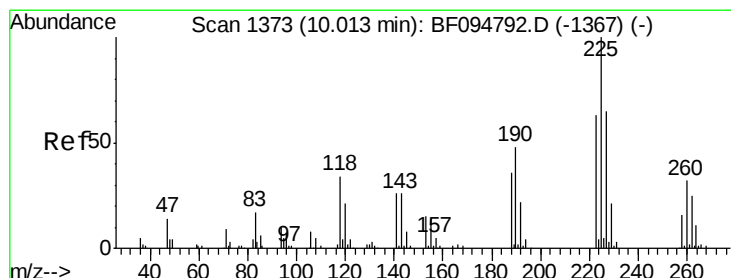
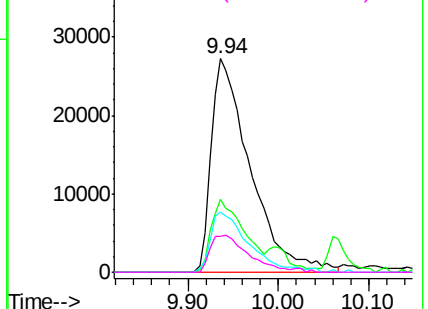
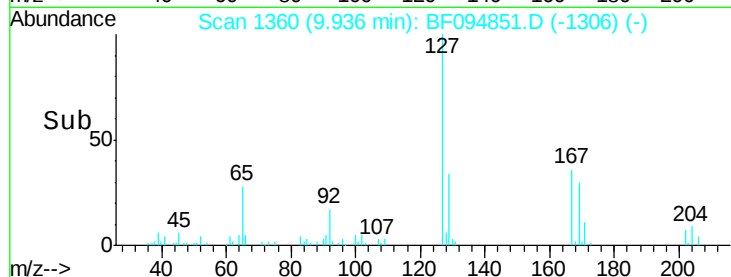
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

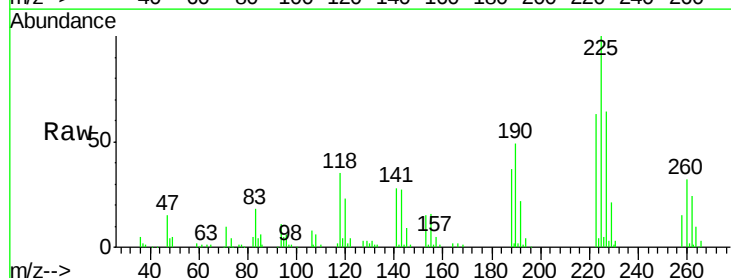
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
 Hexachlorobutadiene
 Concen: 40.76 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	64.4	51.1	76.7

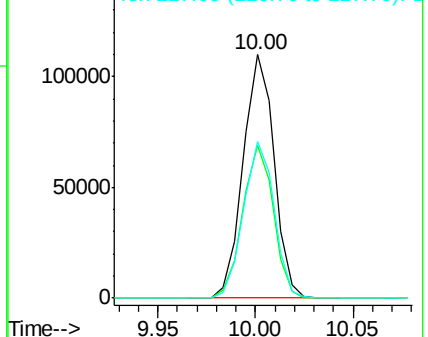
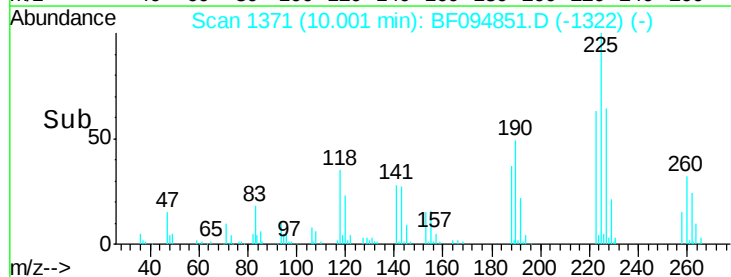


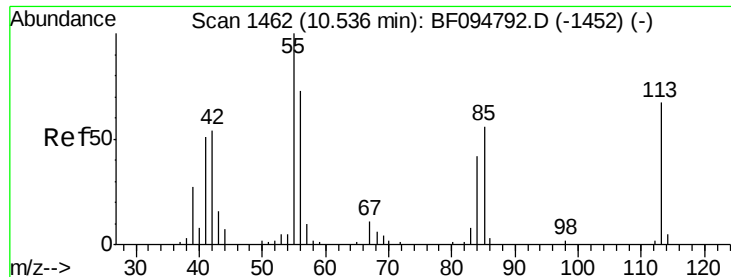
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.67 ng m

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

5040-COMPMSD

Tgt Ion:113 Resp: 71994

Ion Ratio Lower Upper

113 100

55 152.7 150.2 190.2

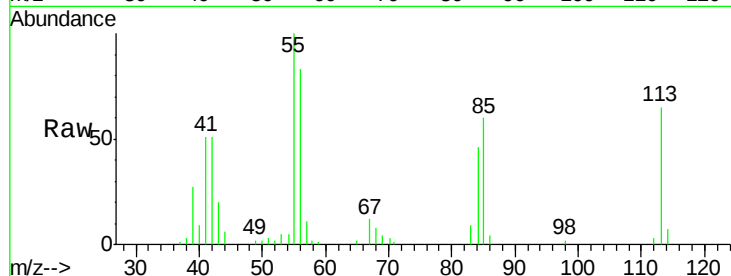
56 126.3 107.8 147.8

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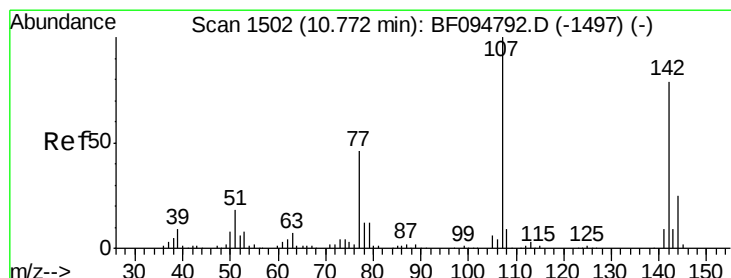
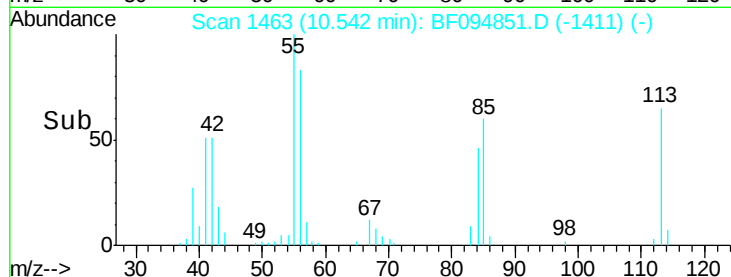
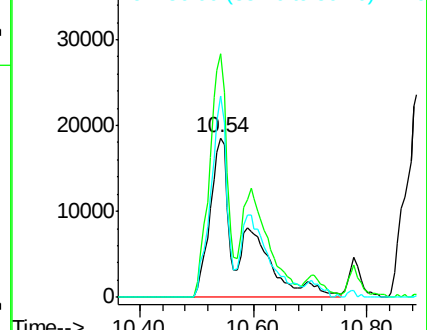
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.84 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

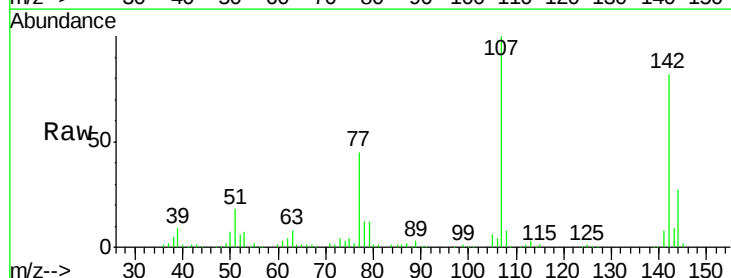
Tgt Ion:107 Resp: 246105

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

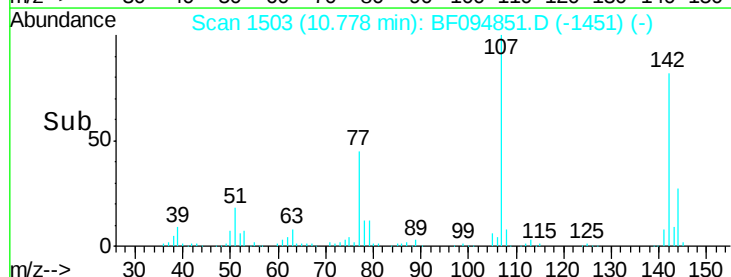
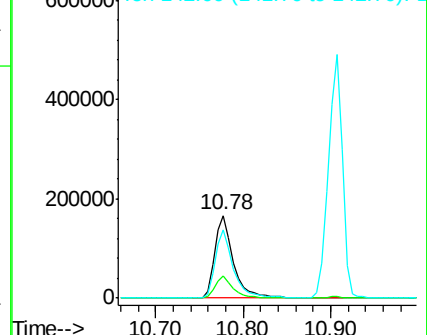
142 82.2 73.4 110.0

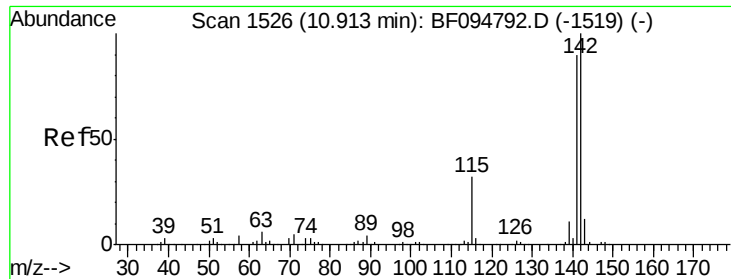


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.72 ng

RT: 10.91 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

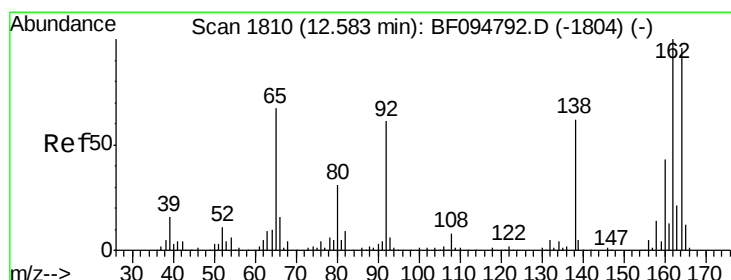
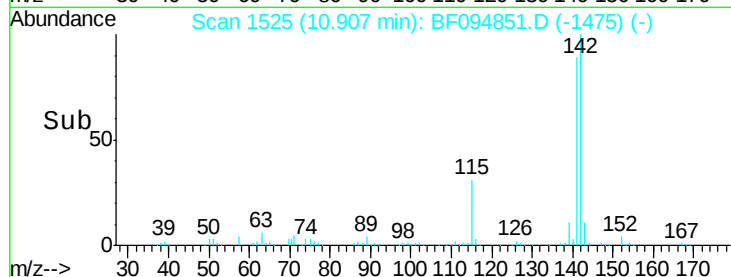
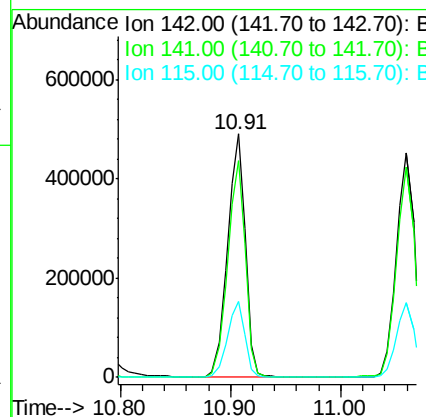
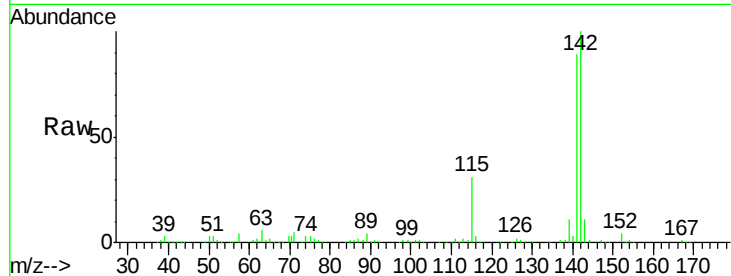
ClientSampleId :

5040-COMPMSD

Tgt Ion:	142	Resp:	552993
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.3	106.9
115	31.1	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

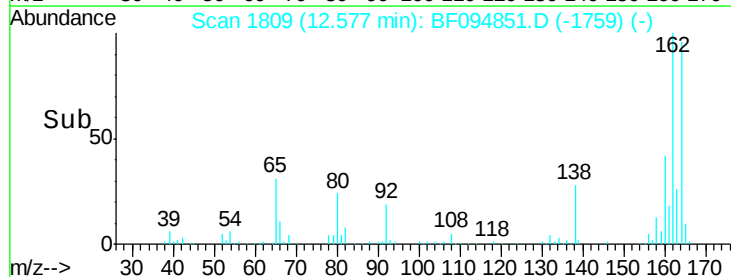
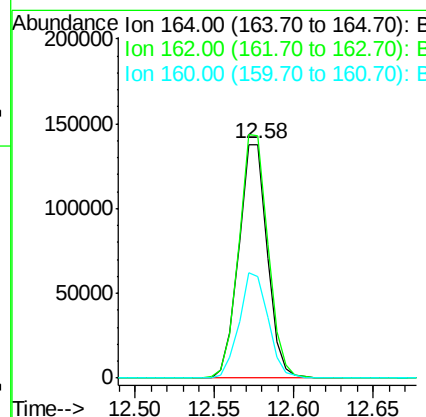
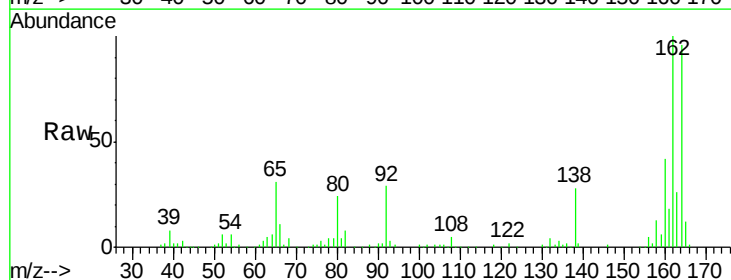
RT: 12.58 min Scan# 1809

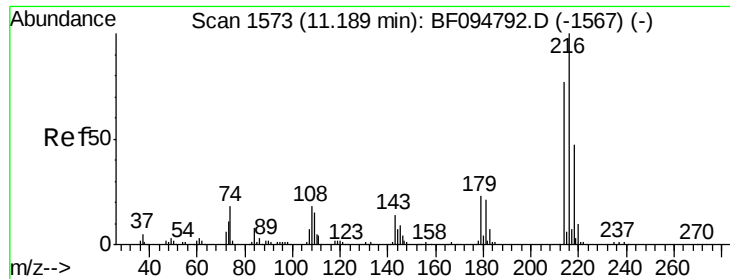
Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:	164	Resp:	172072
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	43.8	36.2	54.2





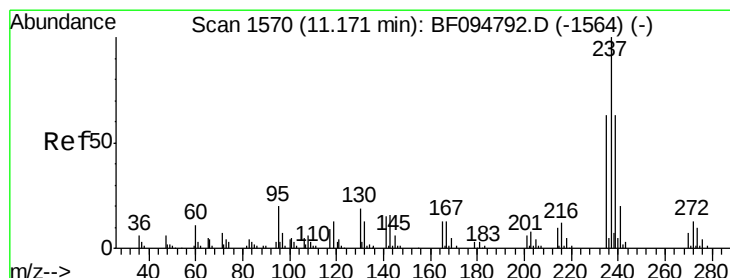
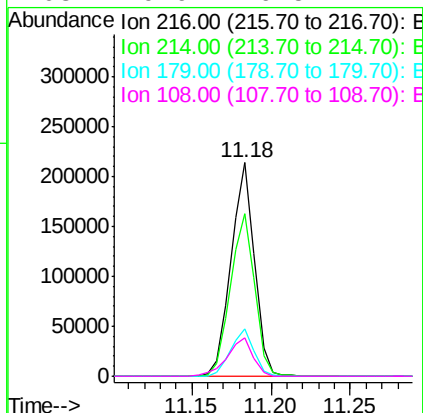
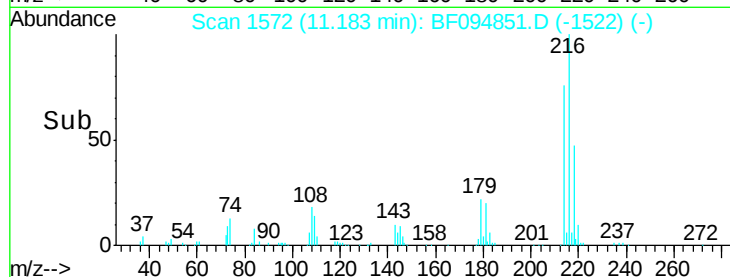
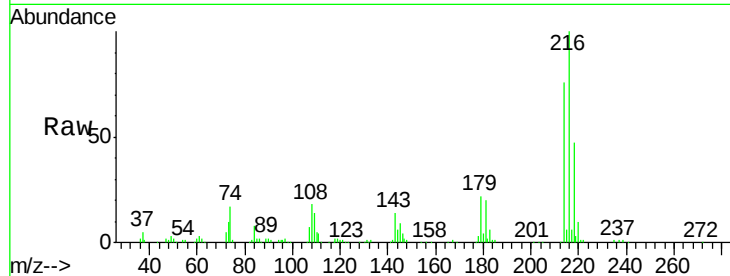
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.35 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	218830		
214	78.5	63.4	95.2	
179	21.9	17.9	26.9	
108	19.9	16.5	24.7	

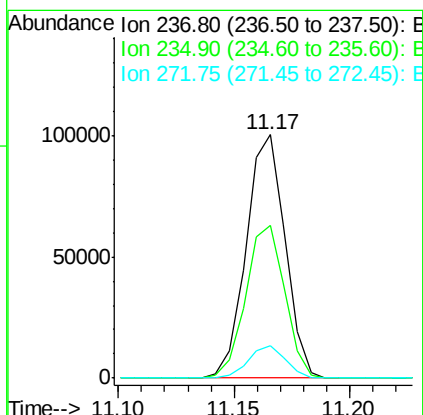
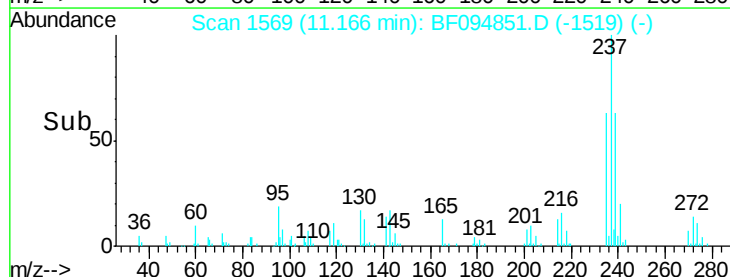
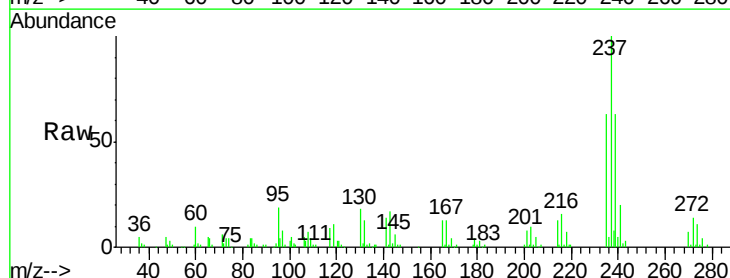
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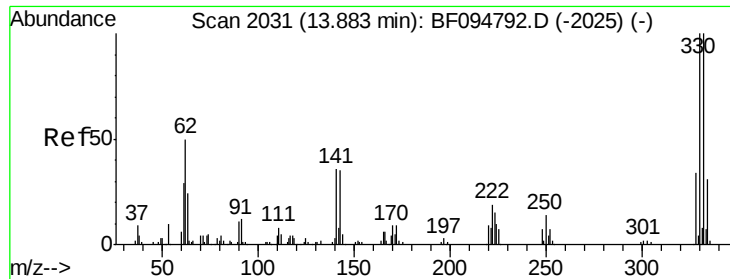
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#40
 Hexachlorocyclopentadiene
 Concen: 55.05 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	117922		
235	63.0	42.6	82.6	
272	13.6	0.0	31.9	





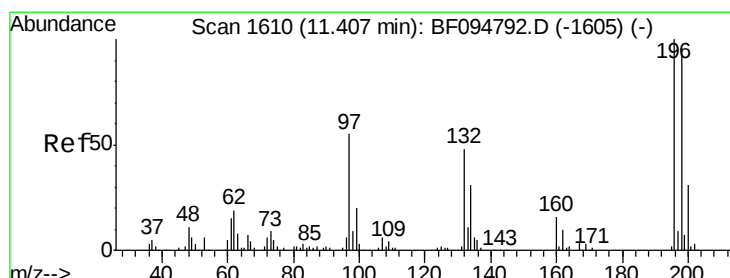
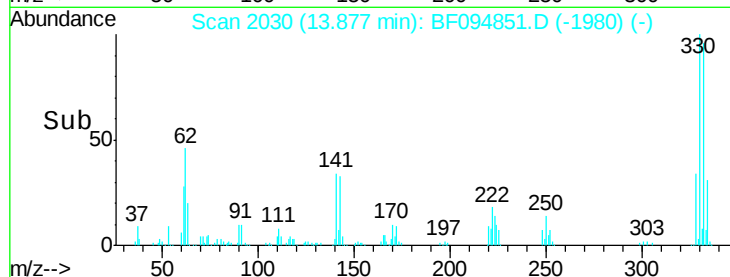
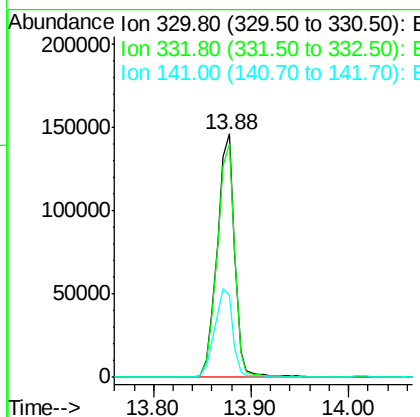
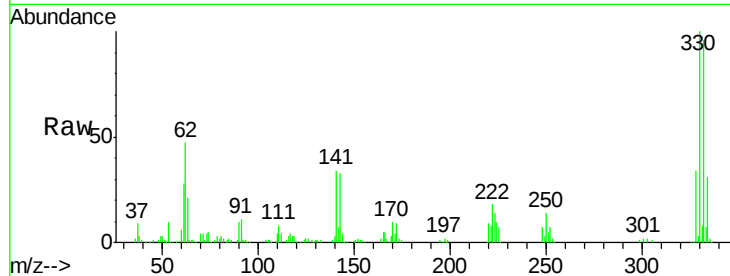
#41
 2,4,6-Tribromophenol
 Concen: 129.15 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	182000		
332	96.5	76.6	115.0	
141	37.9	31.4	47.2	

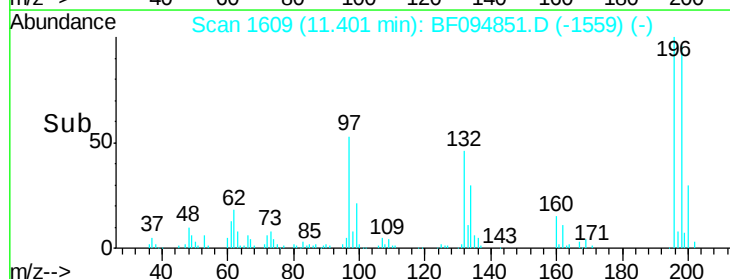
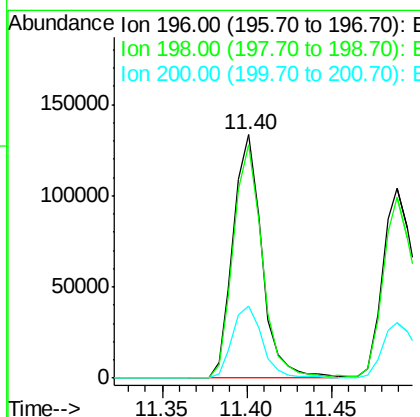
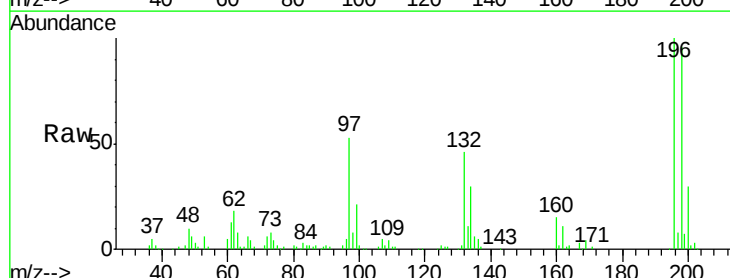
Manual Integrations
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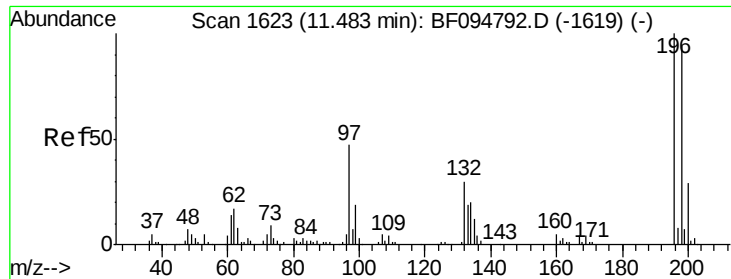
mohammad
 5/4/2017 3:35:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.98 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158933		
198	95.7	74.2	111.4	
200	29.8	24.0	36.0	





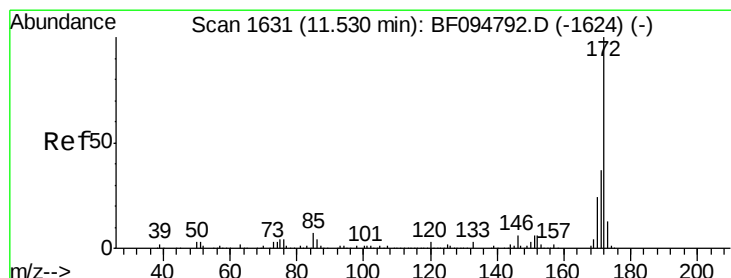
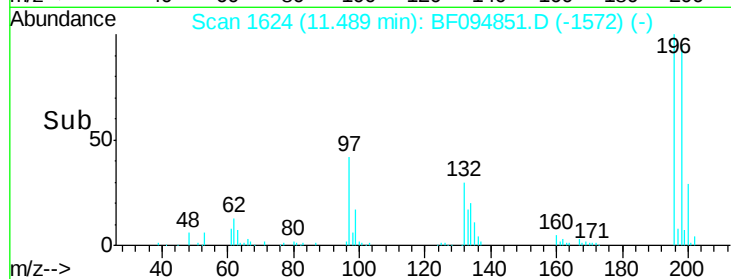
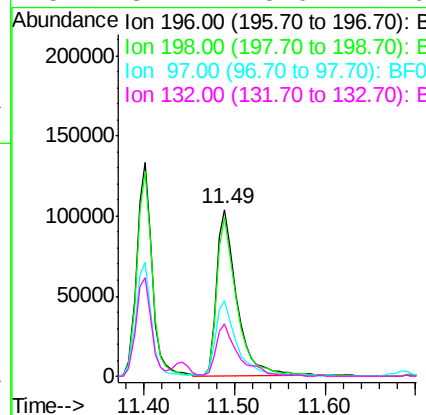
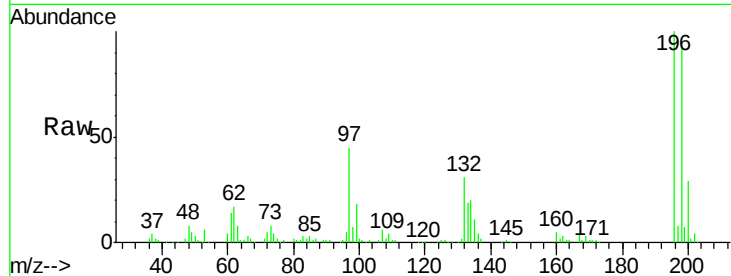
#43
 2,4,5-Trichlorophenol
 Concen: 42.60 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
97	45.1	47.7	71.5#
132	31.1	28.0	42.0

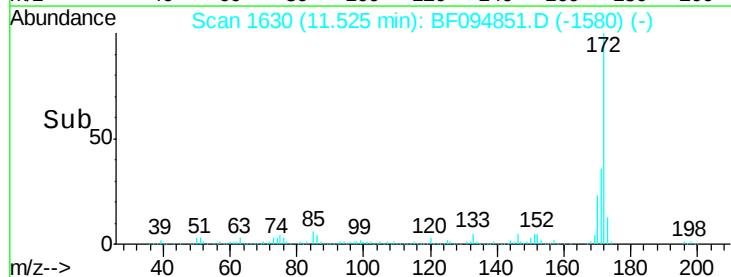
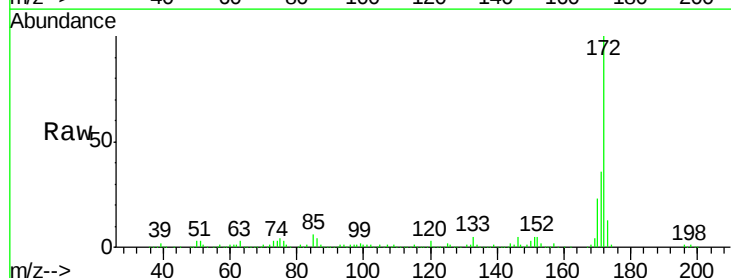
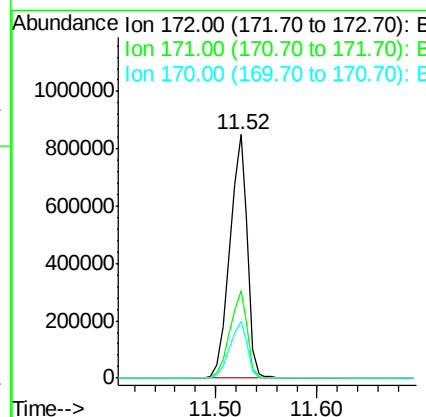
Manual Integrations
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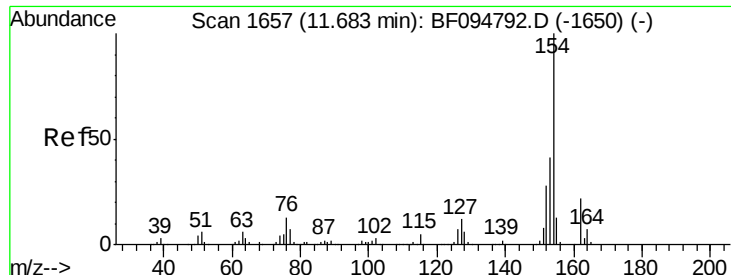
mohammad
 5/4/2017 3:35:04 PM



#44
 2-Fluorobiphenyl
 Concen: 84.63 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.4	19.8	29.8





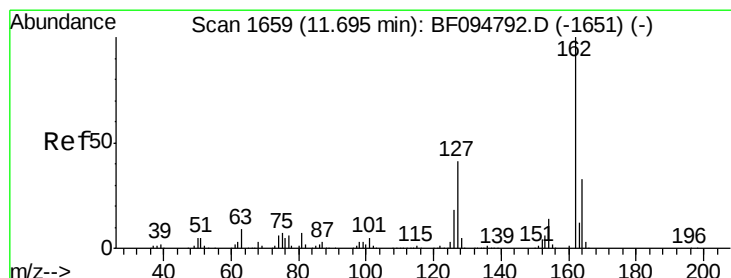
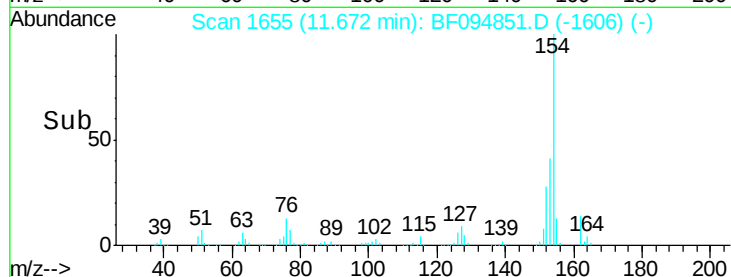
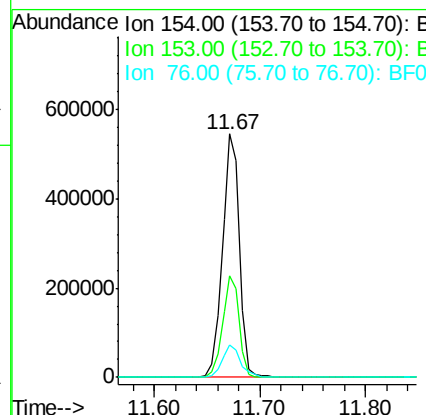
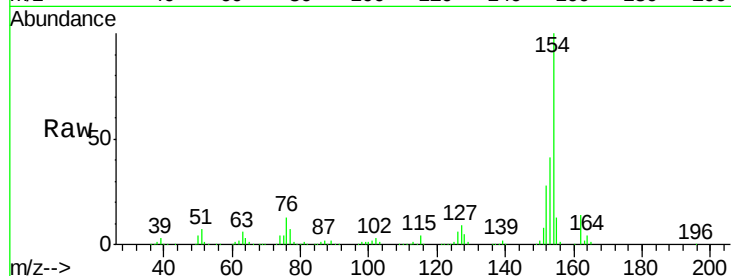
#45
 1,1'-Biphenyl
 Concen: 42.54 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.2	61.2
76	13.1	0.0	29.9

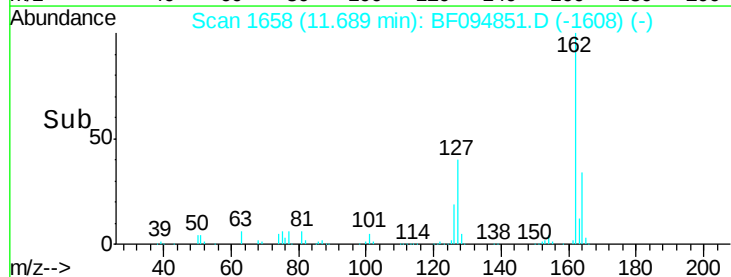
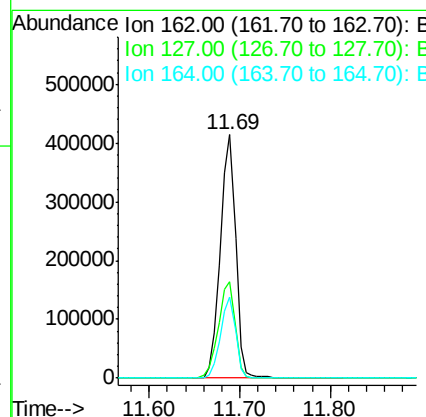
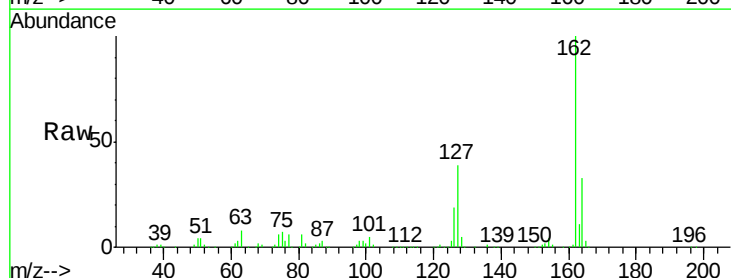
Manual Integrations
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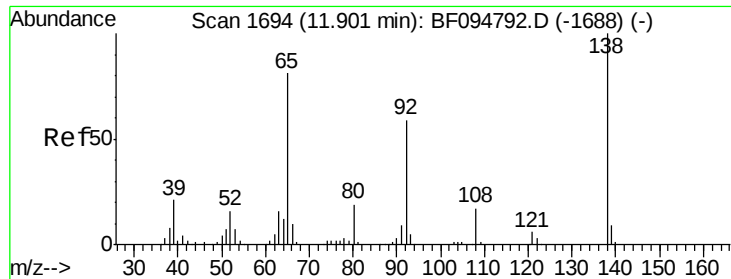
mohammad
 5/4/2017 3:35:04 PM



#46
 2-Chloronaphthalene
 Concen: 41.42 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	28.3	42.5
164	33.1	27.0	40.4





#47

2-Nitroaniline

Concen: 42.25 ng

RT: 11.90 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

5040-COMPMSD

Tgt Ion: 65 Resp: 135275

Ion Ratio Lower Upper

65 100

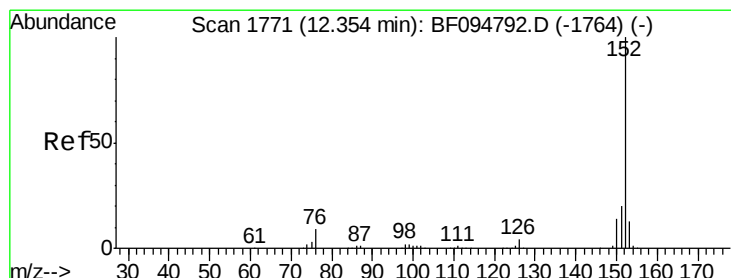
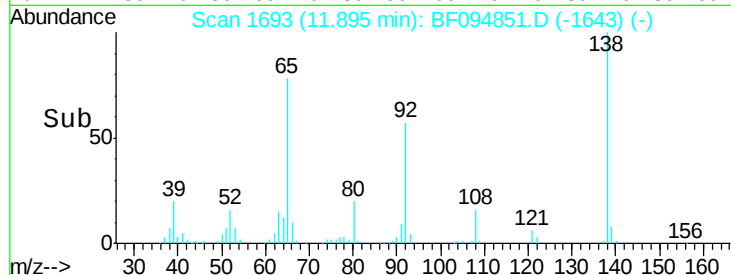
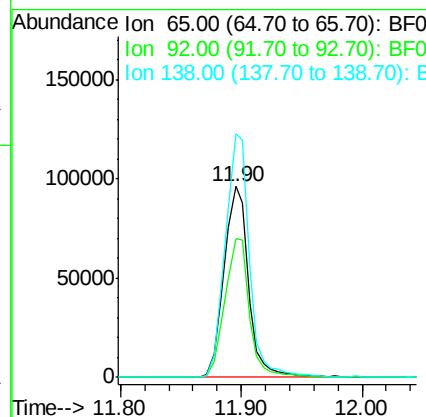
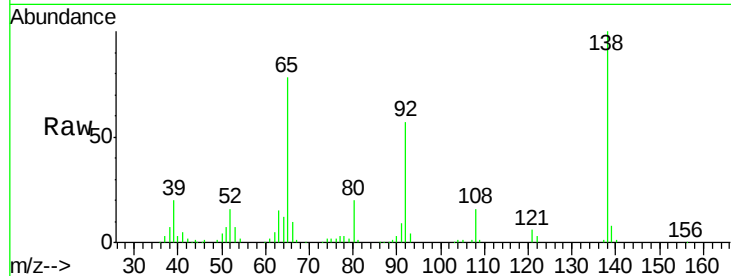
92 72.5 53.9 80.9

138 127.7 78.8 118.2#

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#48

Acenaphthylene

Concen: 42.80 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

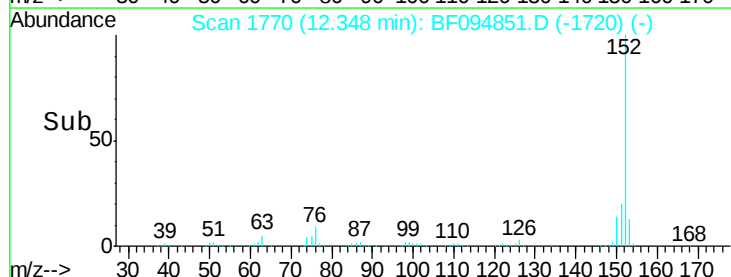
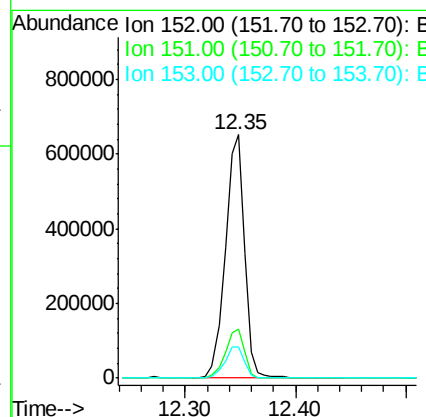
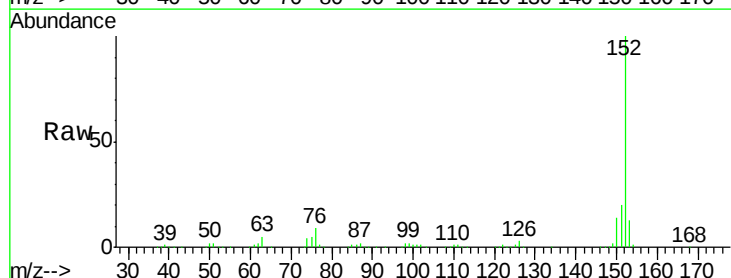
Tgt Ion: 152 Resp: 784267

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 12.8 10.8 16.2





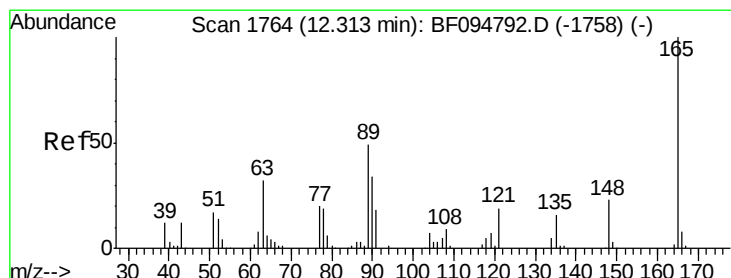
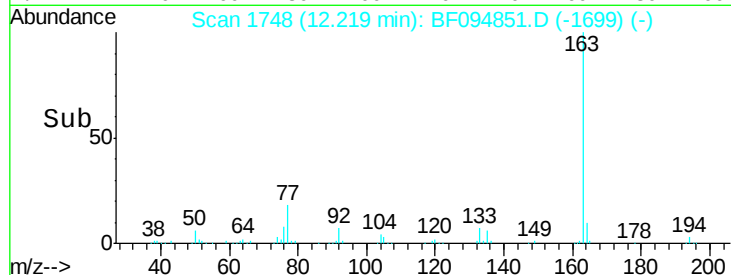
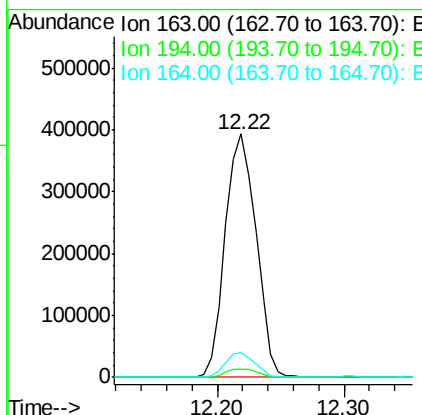
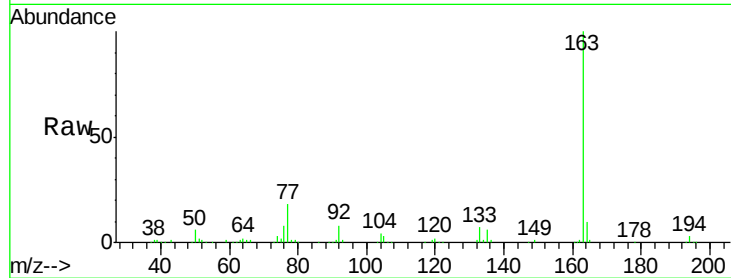
#49
Dimethylphthalate
Concen: 47.14 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	665879		
194	3.4		2.6	4.0
164	10.3		8.4	12.6

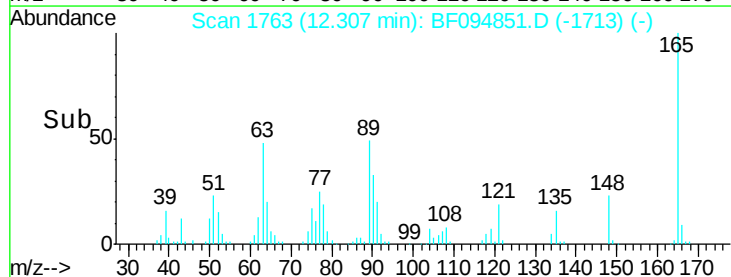
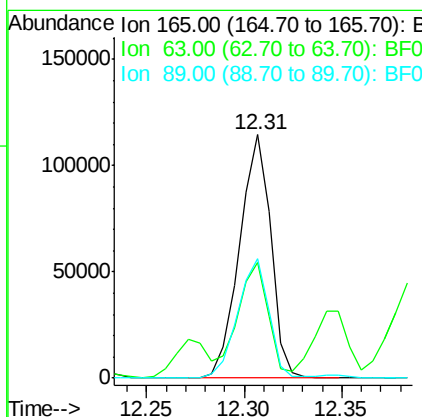
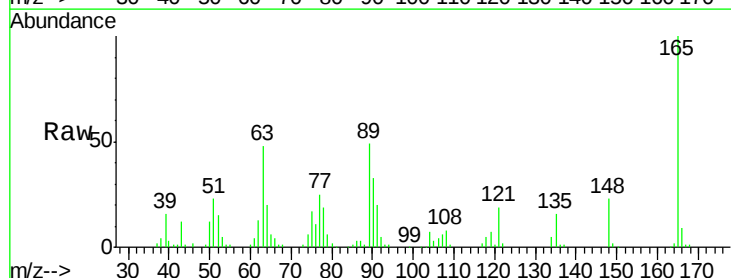
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#50
2,6-Dinitrotoluene
Concen: 44.23 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127467		
63	47.7		34.3	51.5
89	48.9		37.1	55.7





#51

Acenaphthene

Concen: 41.50 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

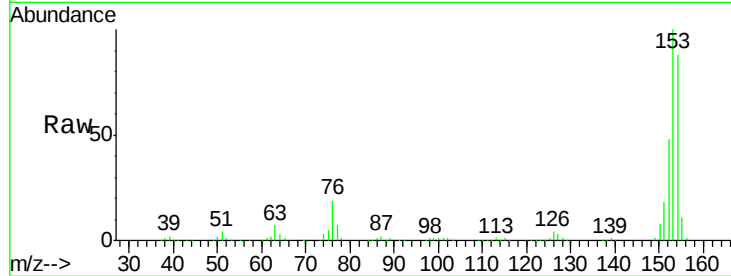
ClientSampleId :

5040-COMPMSD

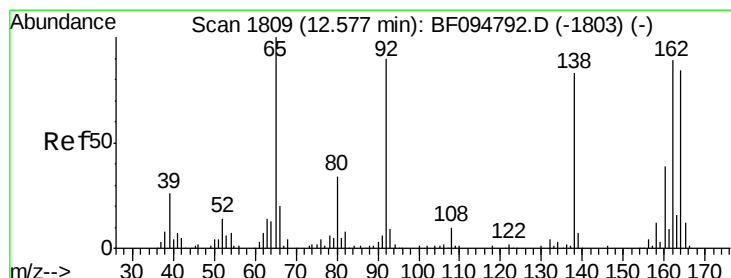
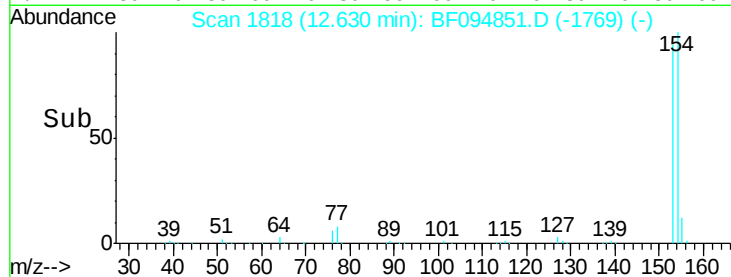
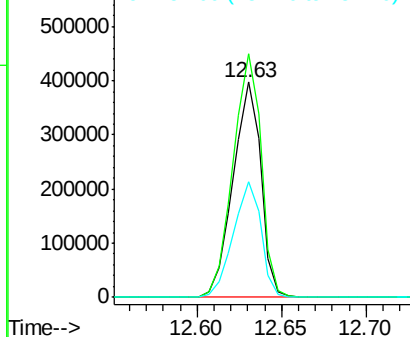
Tgt Ion:	154	Resp:	454211
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.5	135.7
152	53.8	43.6	65.4

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 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.62 ng

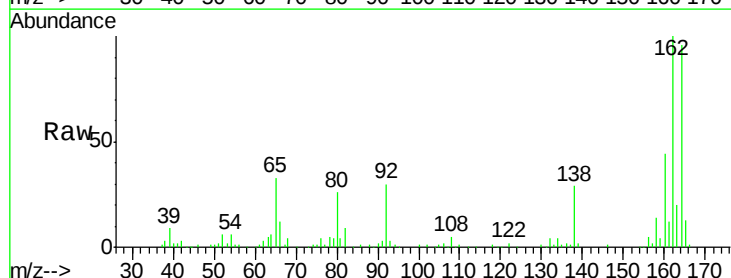
RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

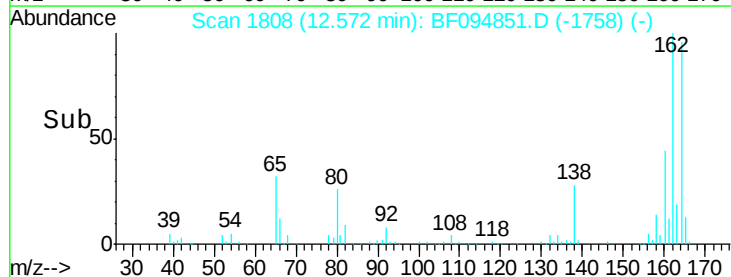
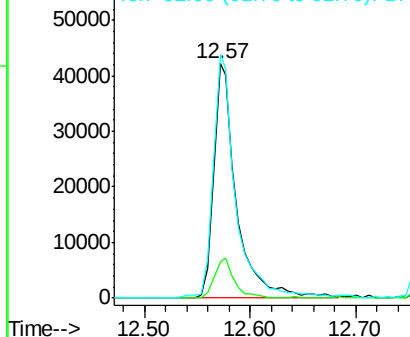
Lab File: BF094851.D

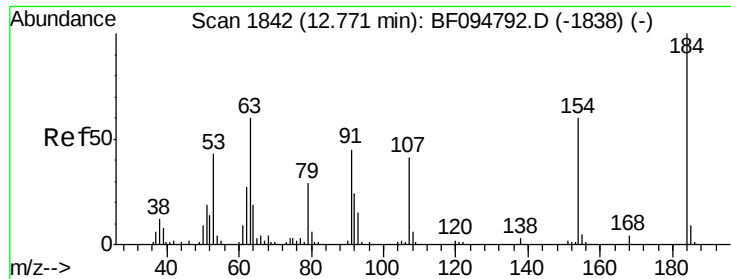
Acq: 4 May 2017 00:18

Tgt Ion:	138	Resp:	63780
Ion Ratio	Lower	Upper	
138	100		
108	15.6	9.1	13.7#
92	103.8	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





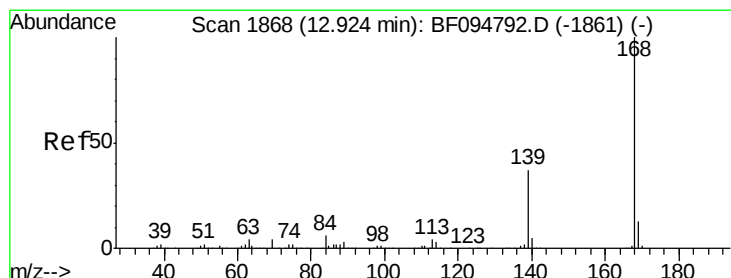
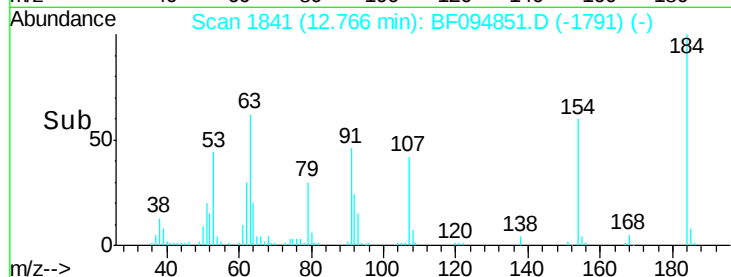
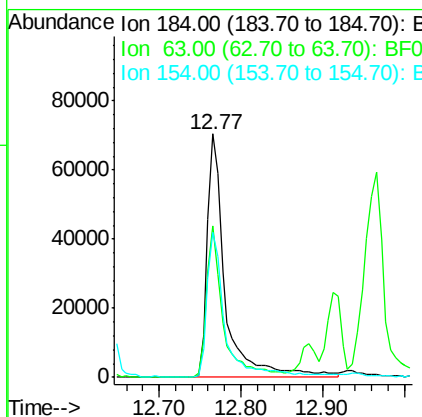
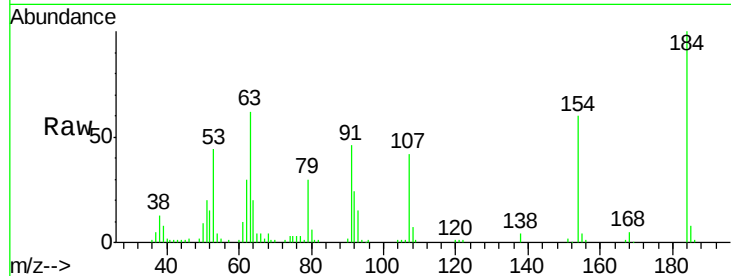
#53
2,4-Dinitrophenol
Concen: 69.28 ng
RT: 12.77 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion:184 Resp: 108526
Ion Ratio Lower Upper
184 100
63 62.3 62.7 94.1#
154 59.8 81.1 121.7#

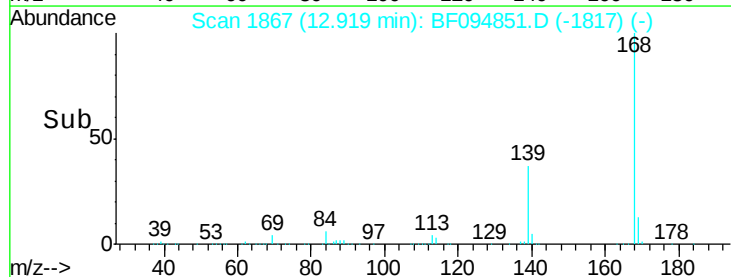
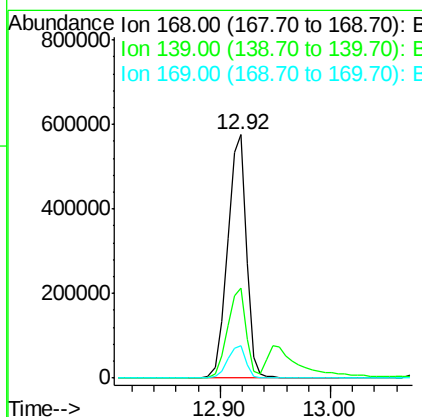
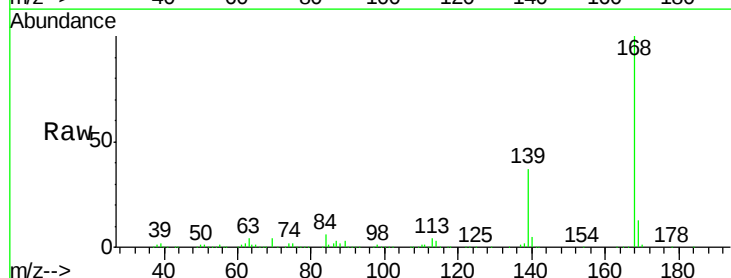
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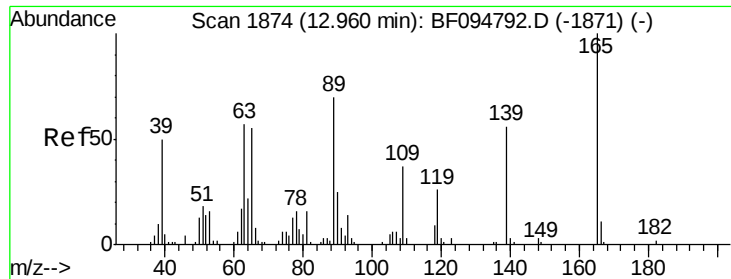
mohammad
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#54
Dibenzofuran
Concen: 45.51 ng
RT: 12.92 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:168 Resp: 689250
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 13.3 10.8 16.2





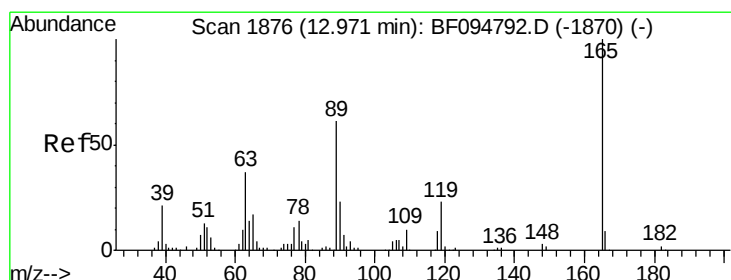
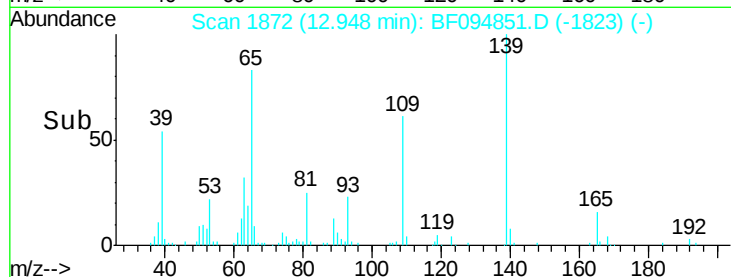
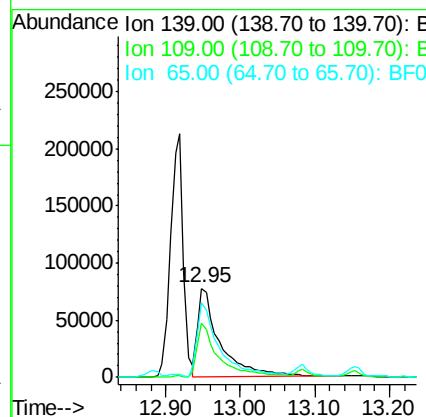
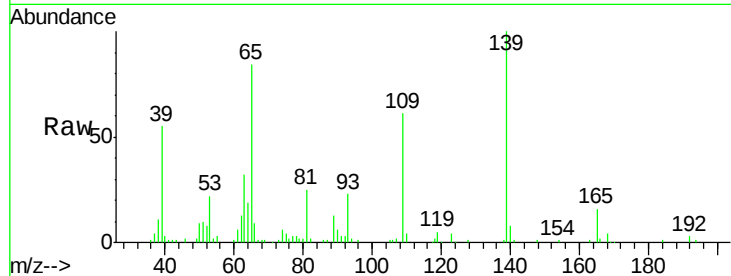
#55
4-Nitrophenol
Concen: 88.63 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	164658		
109	61.1	34.1	74.1	
65	83.7	31.4	71.4	

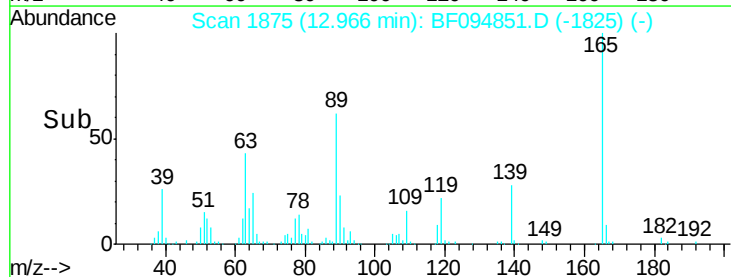
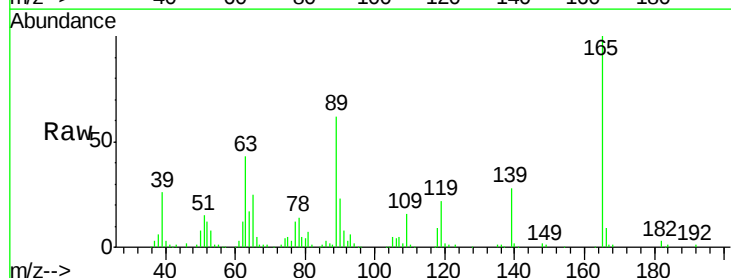
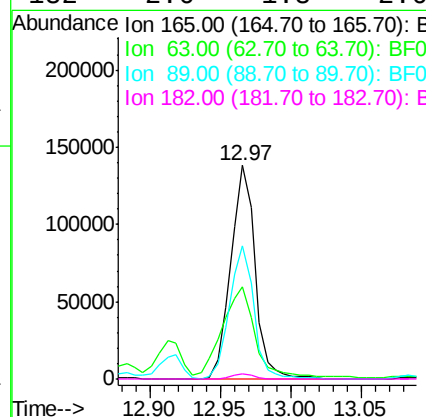
Manual Integrations
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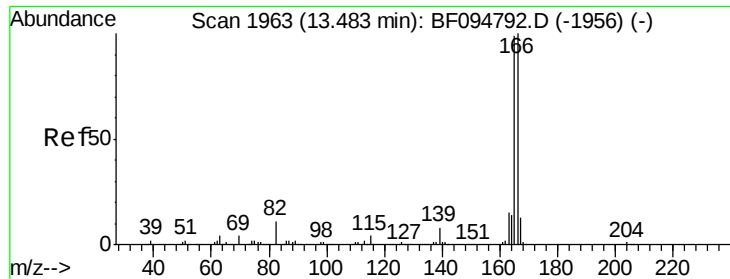
mohammad
5/4/2017 3:35:04 PM



#56
2,4-Dinitrotoluene
Concen: 44.80 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165916		
63	43.1	25.4	38.0	
89	62.3	46.4	69.6	
182	2.6	1.8	2.6	





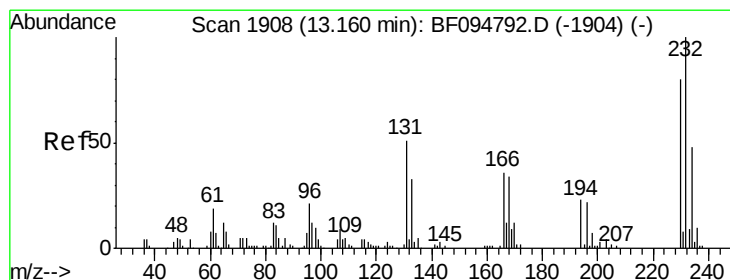
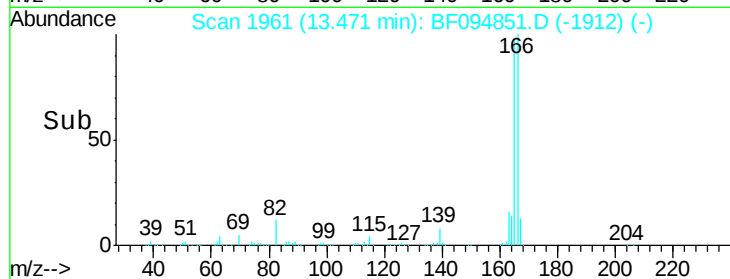
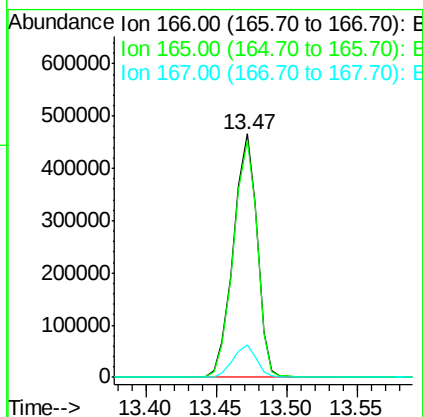
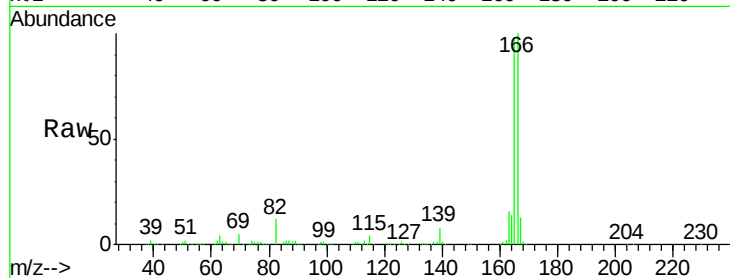
#57
Fluorene
Concen: 41.50 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	546436		
165	97.4	78.8	118.2	
167	13.3	10.6	16.0	

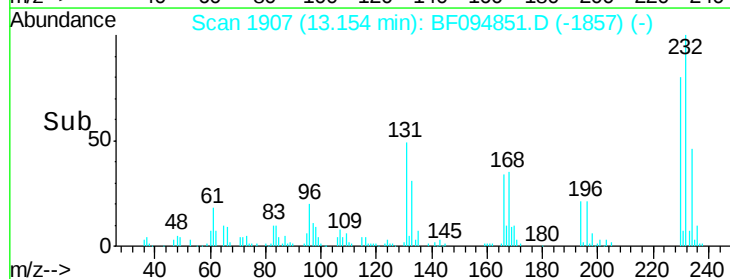
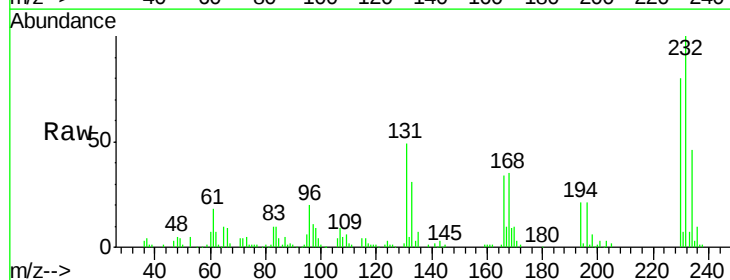
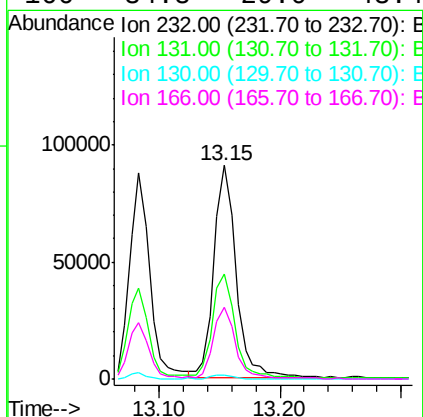
Manual Integrations
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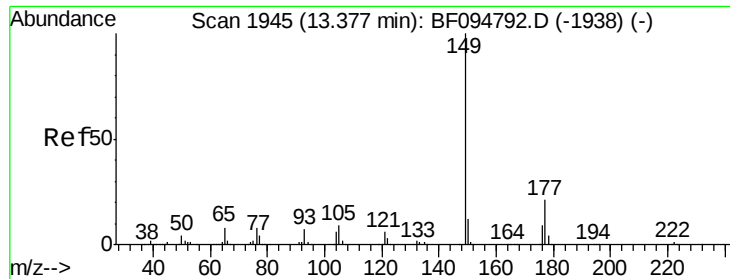
mohammad
5/4/2017 3:35:04 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.62 ng
RT: 13.15 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	116208		
131	50.1	44.8	67.2	
130	2.1	2.3	3.5	
166	34.8	29.0	43.4	





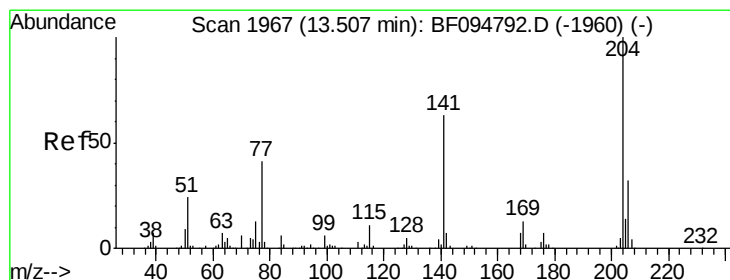
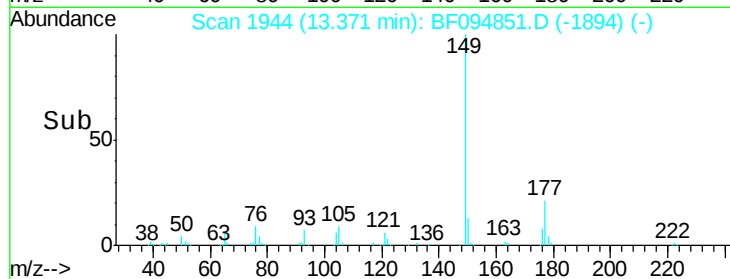
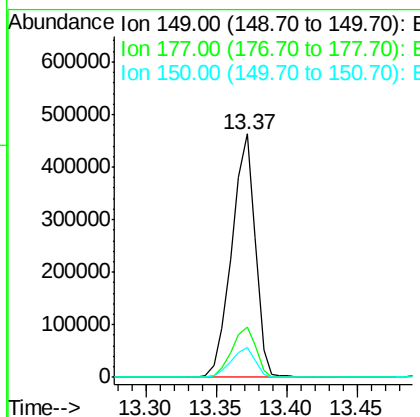
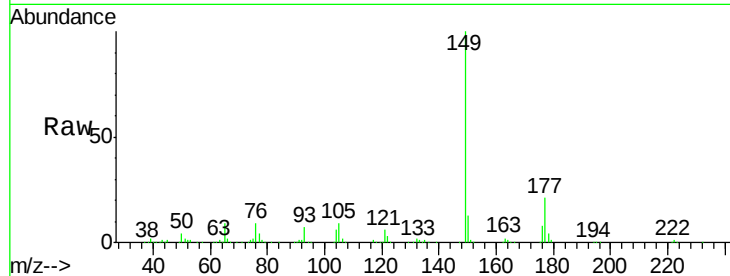
#59
Diethylphthalate
Concen: 39.76 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.5	10.2	15.2

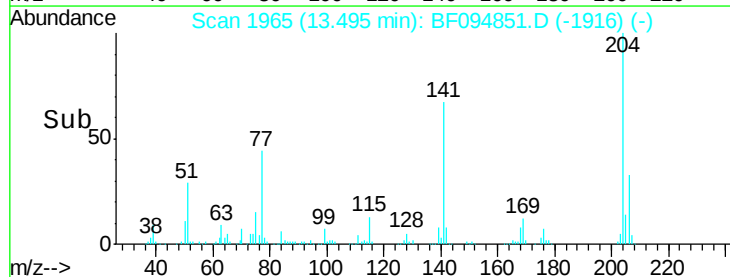
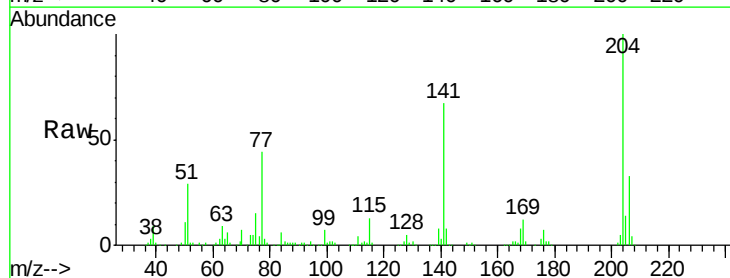
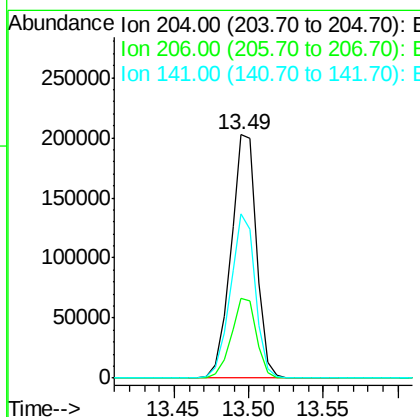
Manual Integrations
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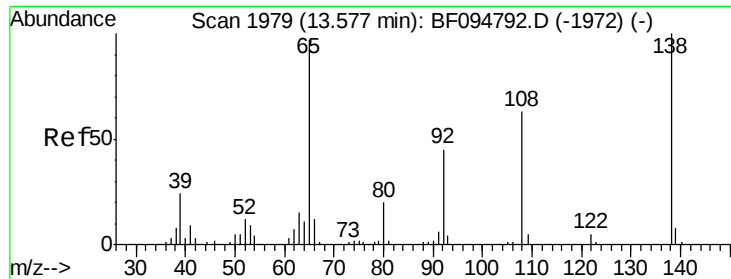
mohammad
5/4/2017 3:35:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.97 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	67.3	60.8	91.2





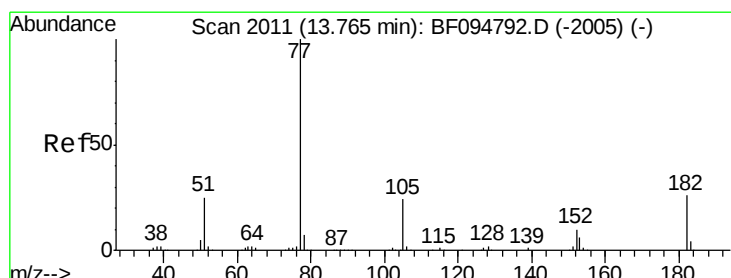
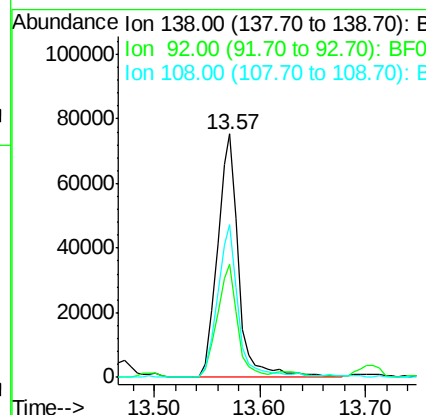
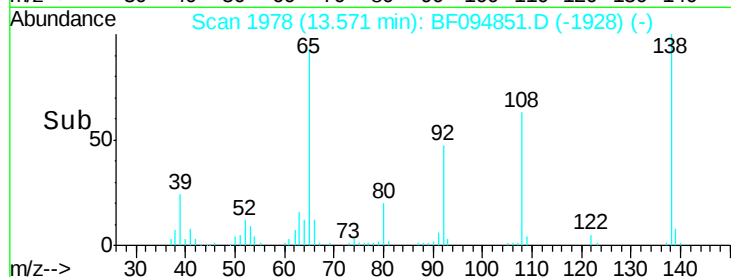
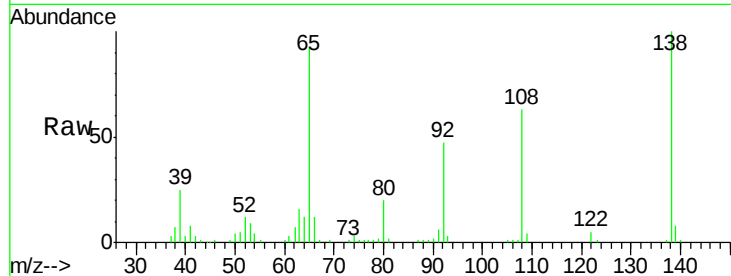
#61
4-Nitroaniline
Concen: 37.59 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	106731		
92	46.7	21.8	61.8	
108	62.8	42.3	82.3	

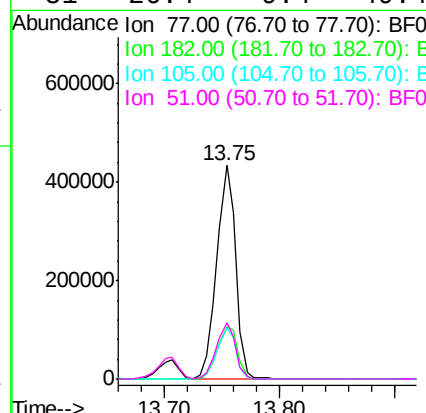
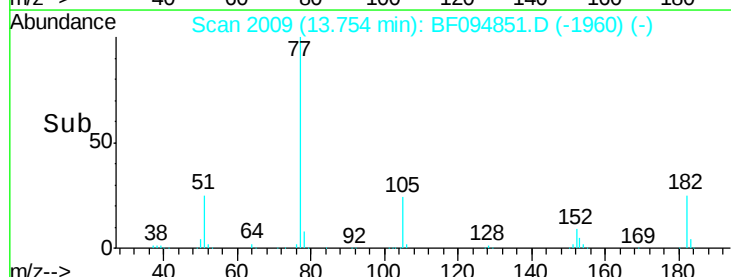
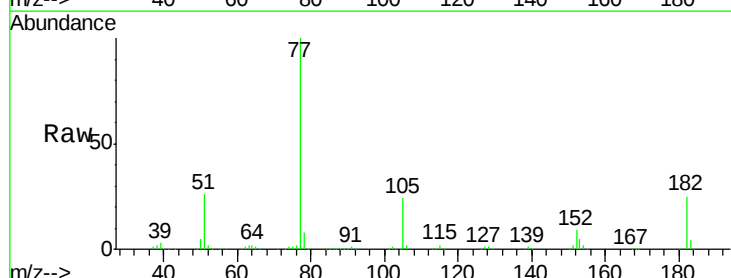
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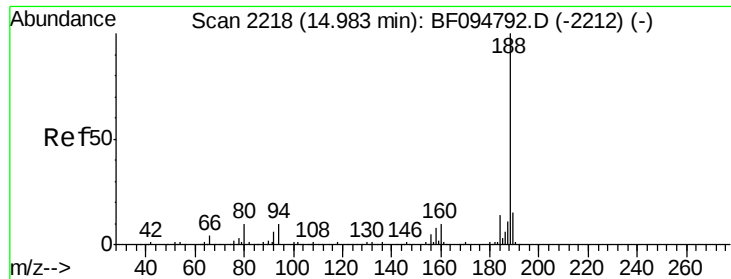
mohammad
5/4/2017 3:35:04 PM



#62
Azobenzene
Concen: 45.41 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	494062		
182	24.8	0.1	40.1	
105	23.8	3.6	43.6	
51	26.4	9.4	49.4	





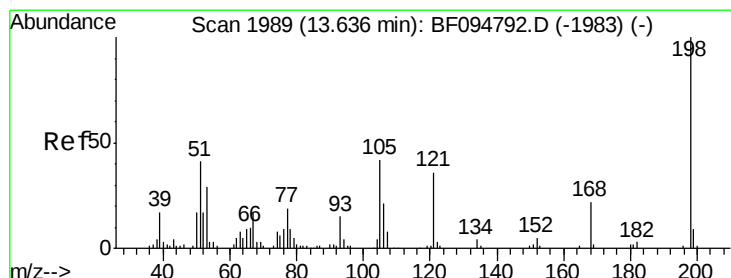
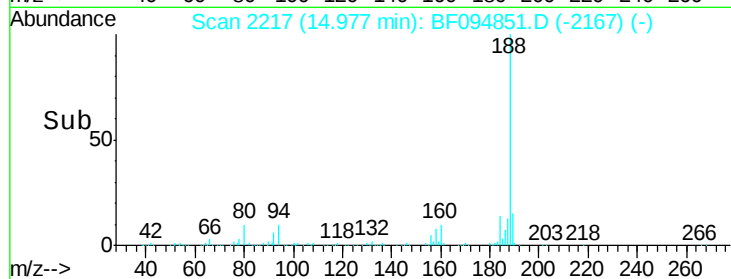
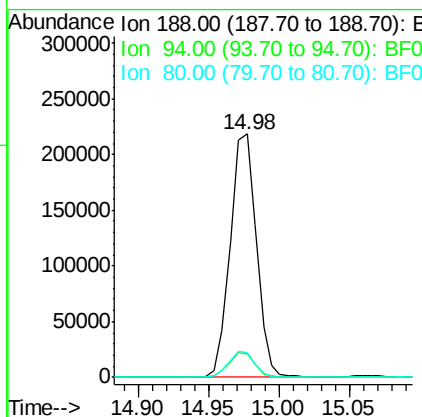
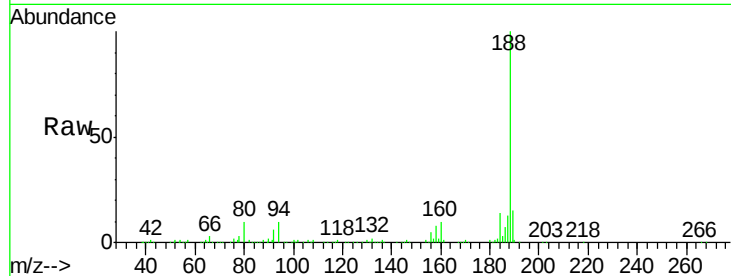
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	9.4	14.2
80	10.2	10.2	15.2

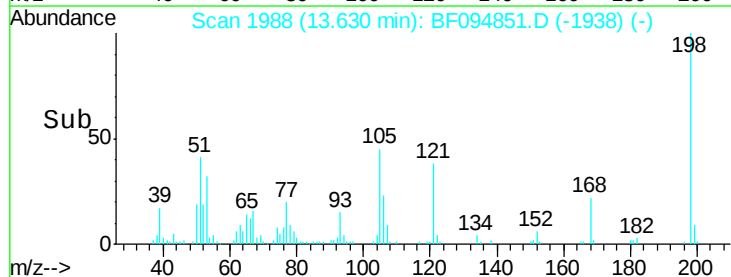
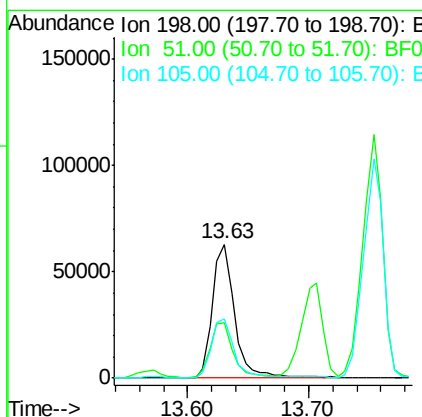
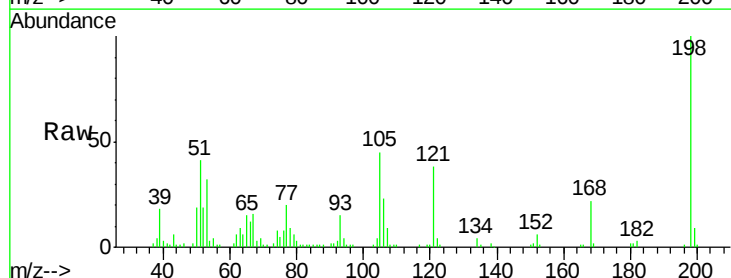
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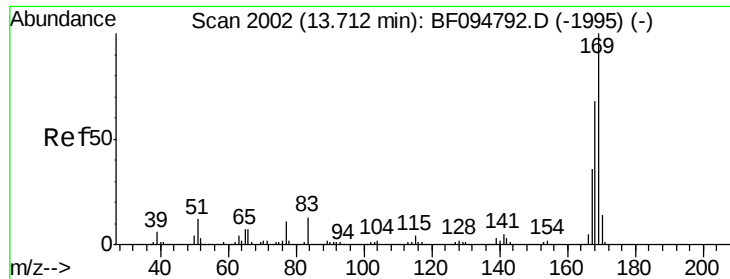
mohammad
 5/4/2017 3:35:04 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.04 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.1	53.2	93.2#
105	44.9	45.8	85.8#





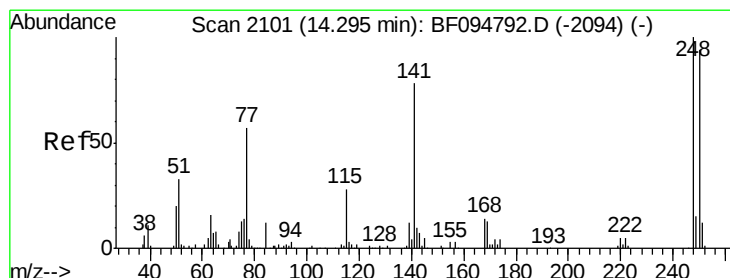
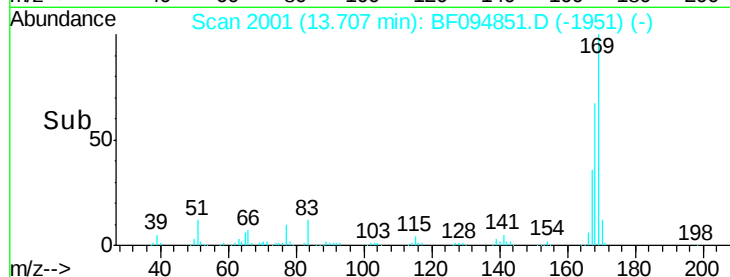
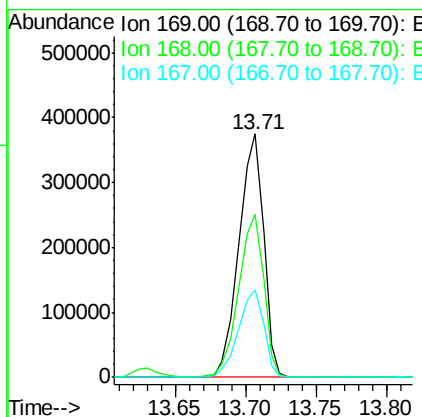
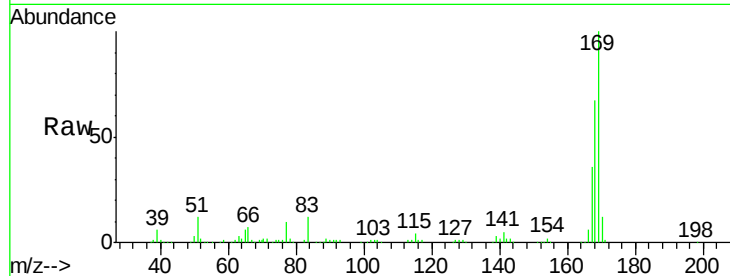
#65
n-Nitrosodiphenylamine
Concen: 44.66 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	459688		
168	67.1	53.2	79.8	
167	36.1	29.5	44.3	

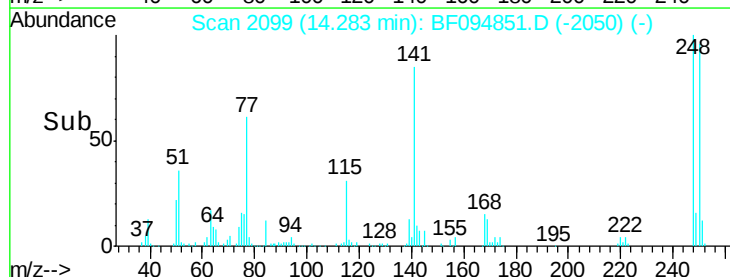
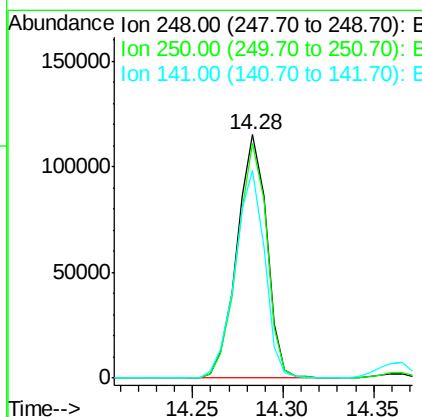
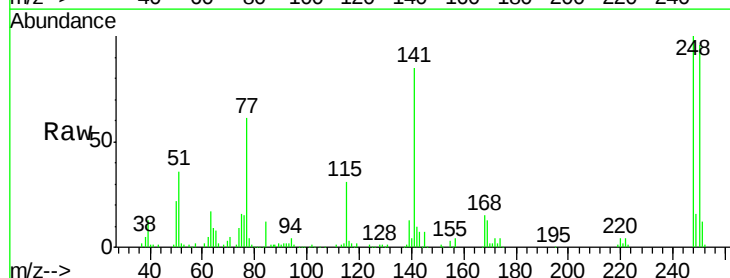
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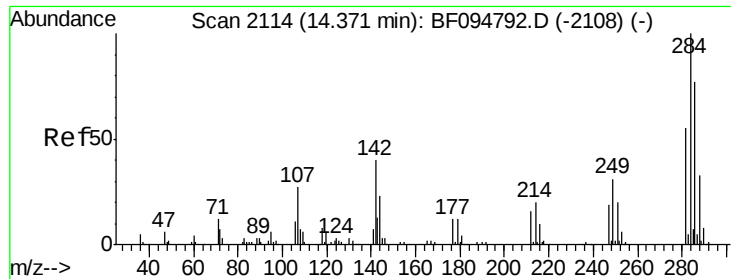
mohammad
5/4/2017 3:35:04 PM



#66
4-Bromophenyl-phenylether
Concen: 44.05 ng
RT: 14.28 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	131978		
250	96.4	76.8	115.2	
141	85.3	68.6	103.0	





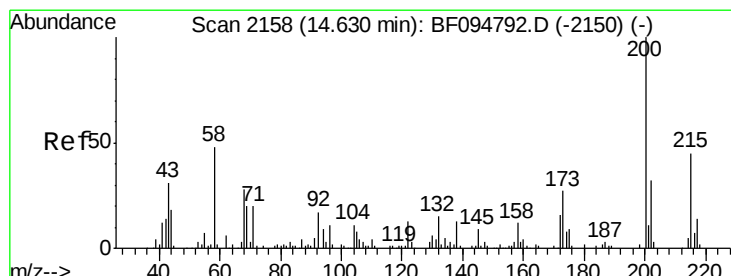
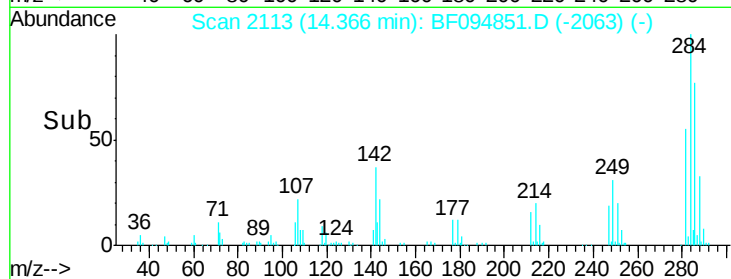
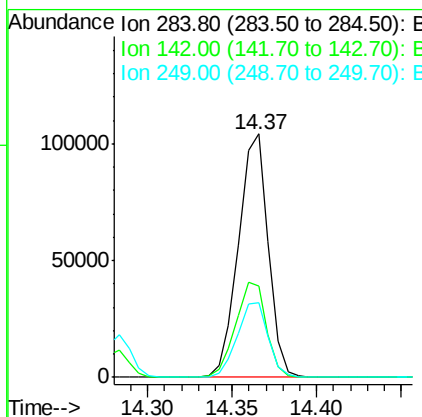
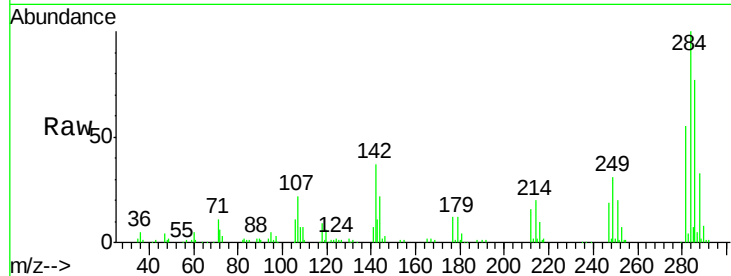
#67
Hexachlorobenzene
Concen: 41.81 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	128383		
142	37.4	22.8	34.2	
249	30.7	24.0	36.0	

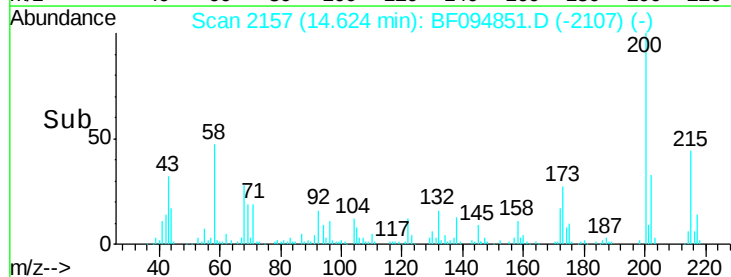
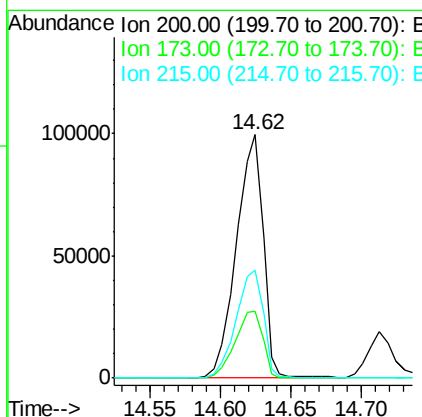
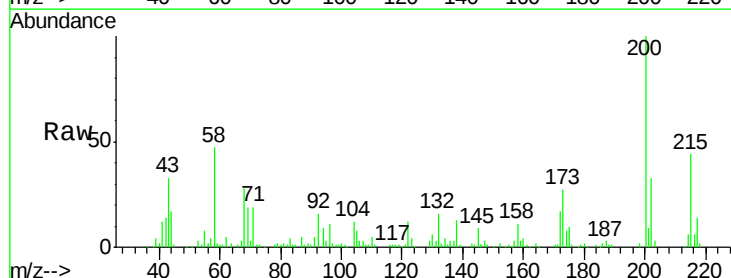
Manual Integrations
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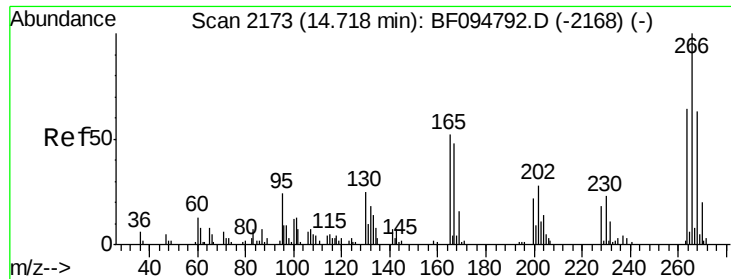
mohammad
5/4/2017 3:35:04 PM



#68
Atrazine
Concen: 45.51 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	132262		
173	27.5	6.3	46.3	
215	44.2	27.2	67.2	





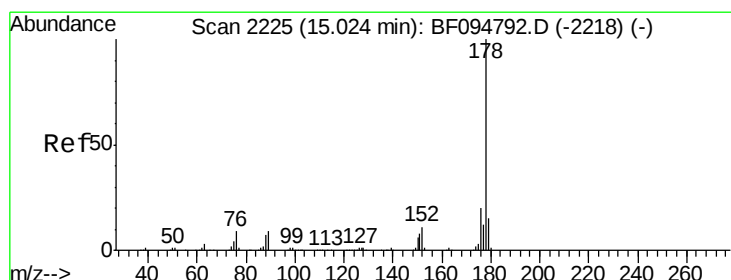
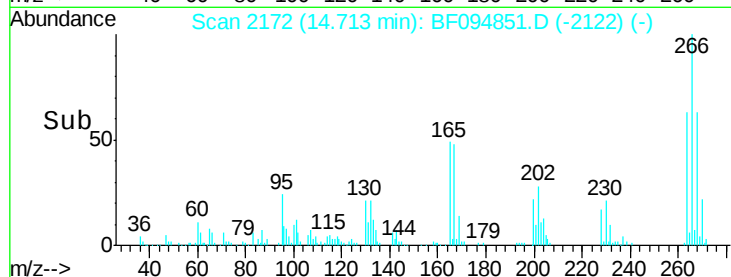
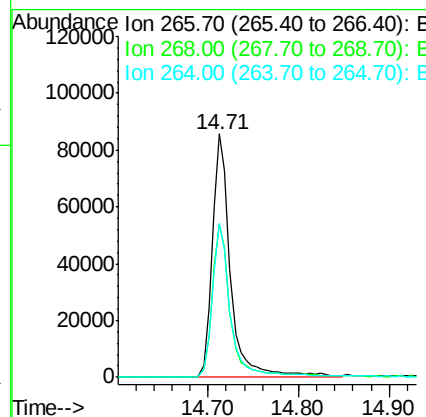
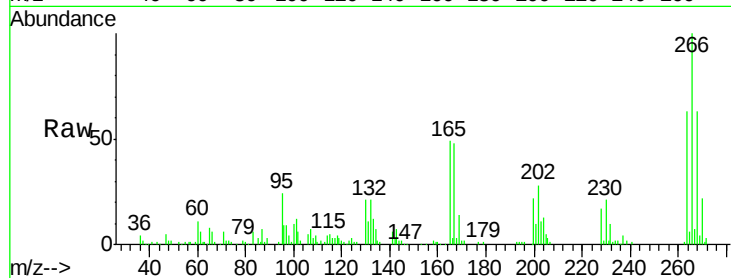
#69
 Pentachlorophenol
 Concen: 87.77 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	122719		
268	63.0	51.1	76.7	
264	63.2	51.7	77.5	

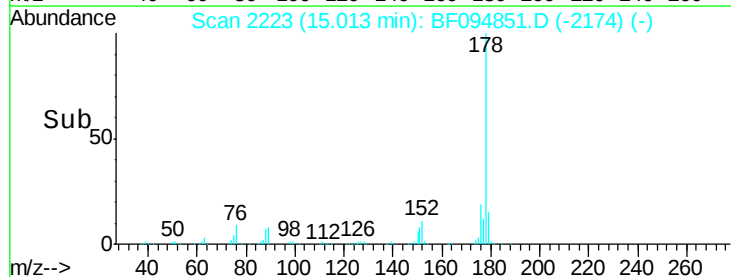
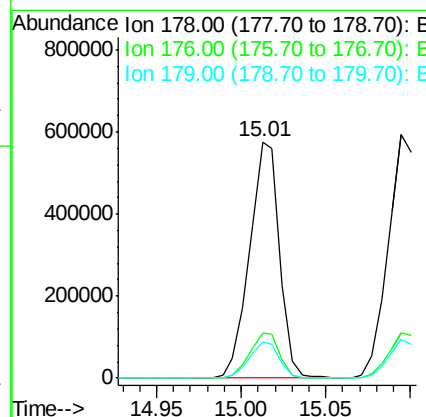
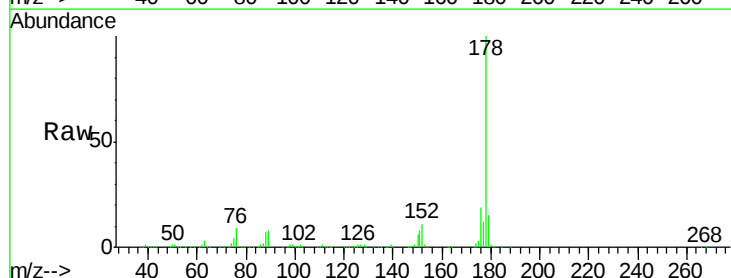
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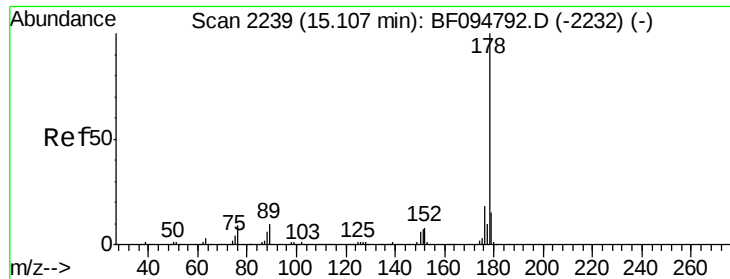
mohammad
 5/4/2017 3:35:04 PM



#70
 Phenanthrene
 Concen: 43.72 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

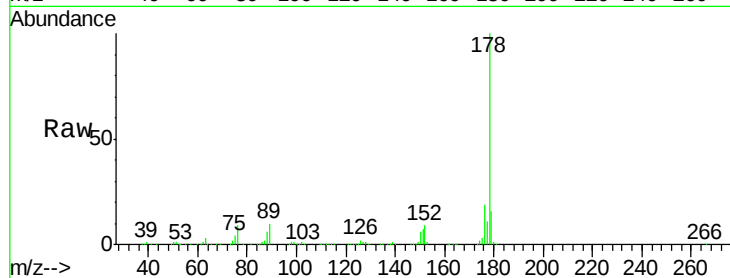
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	712430		
176	19.3	16.2	24.4	
179	15.4	12.6	19.0	





#71
 Anthracene
 Concen: 43.96 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

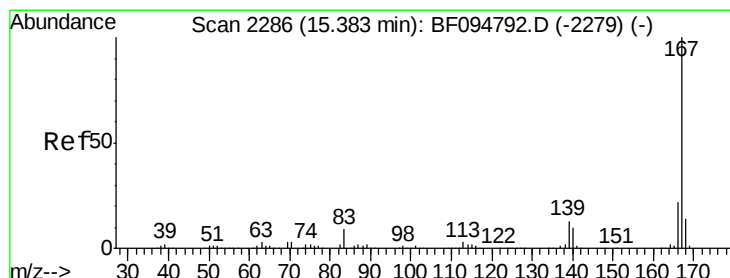
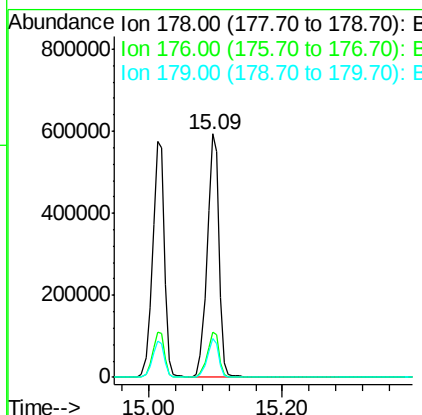
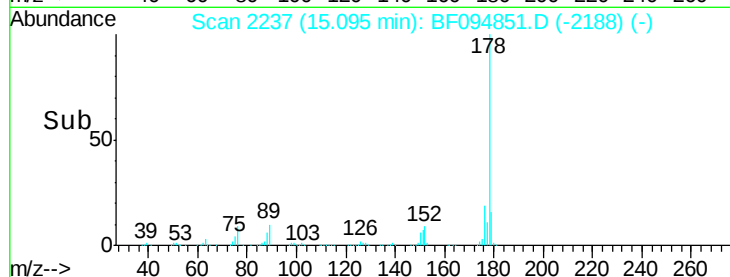
Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD



Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.7	12.7	19.1

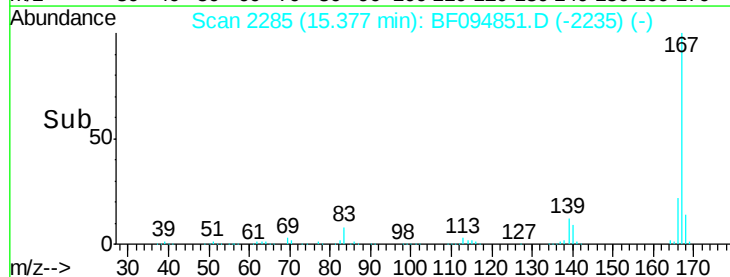
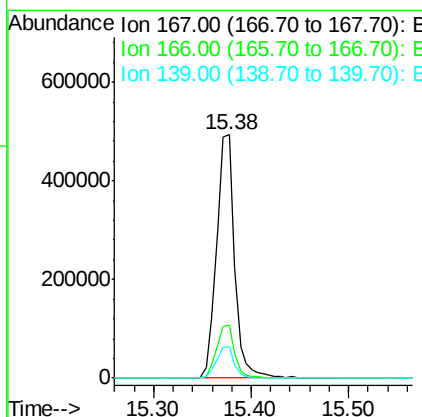
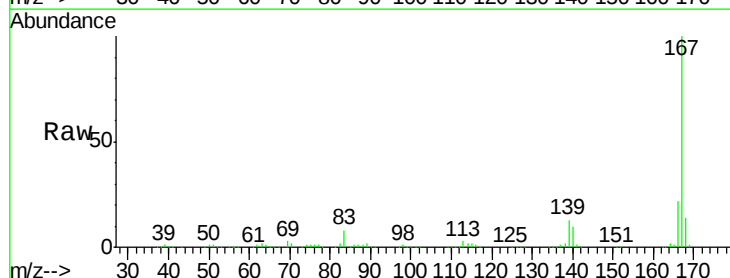
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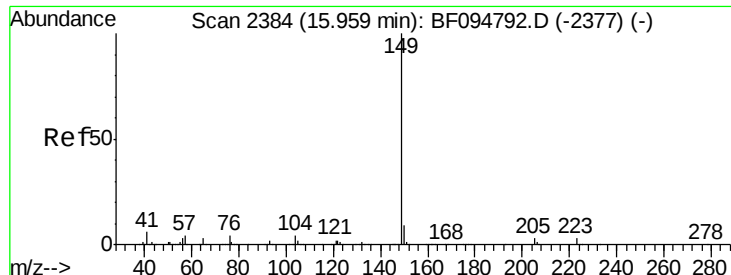
mohammad
 5/4/2017 3:35:04 PM



#72
 Carbazole
 Concen: 42.24 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	12.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.10 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

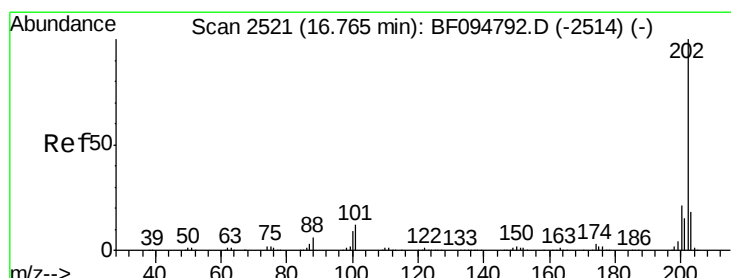
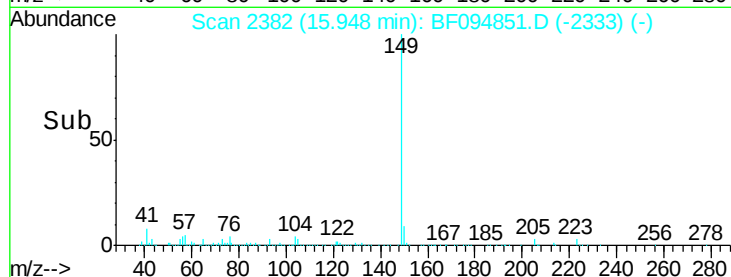
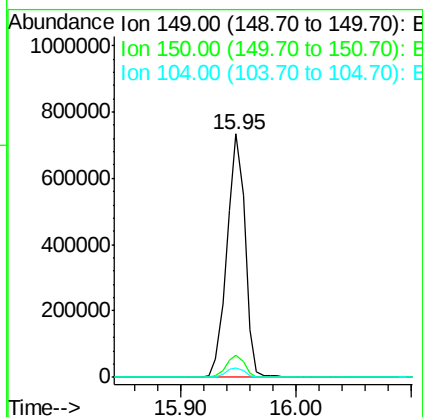
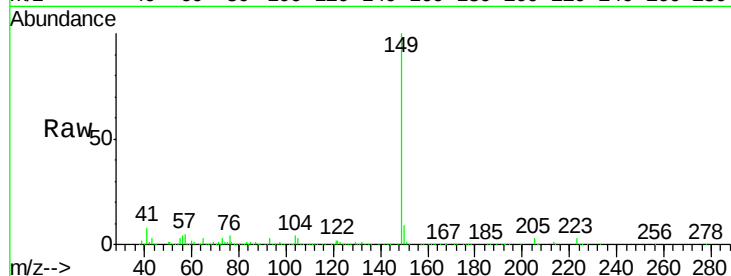
ClientSampleId :

5040-COMPMSD

Tgt Ion:	149	Resp:	795117
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.0	4.0	6.0

Manual Integrations
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mohammad
5/4/2017 3:35:04 PM



#74

Fluoranthene

Concen: 42.38 ng

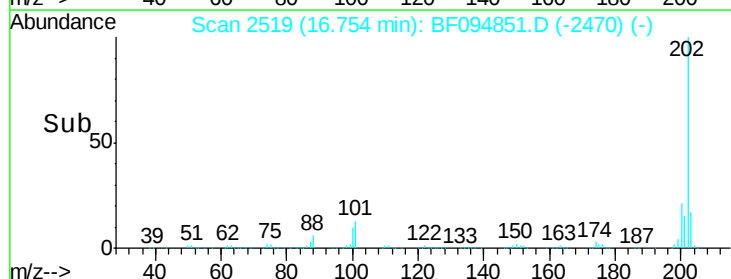
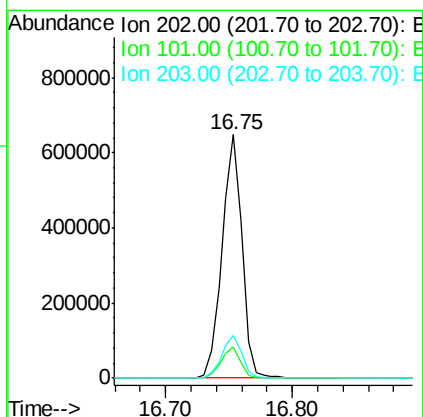
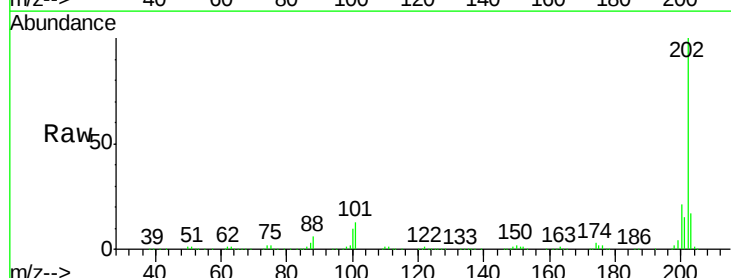
RT: 16.75 min Scan# 2519

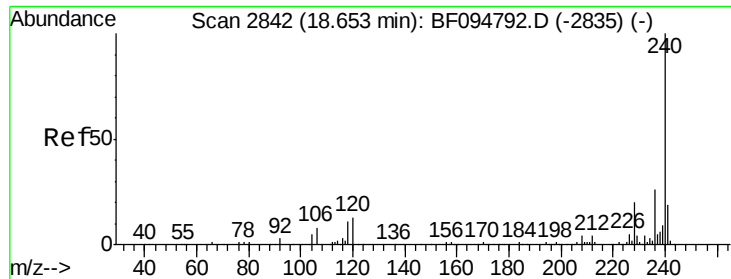
Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:	202	Resp:	708466
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.2
203	17.4	0.0	38.1





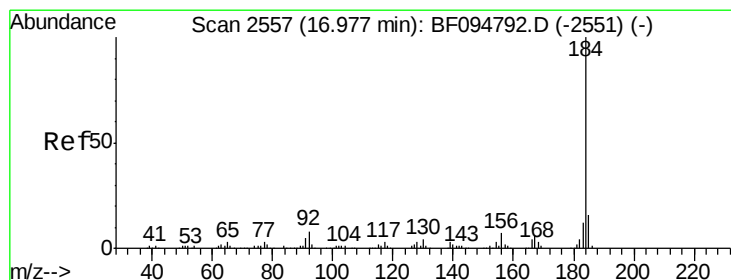
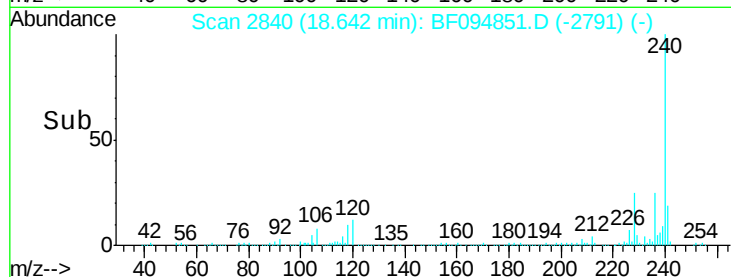
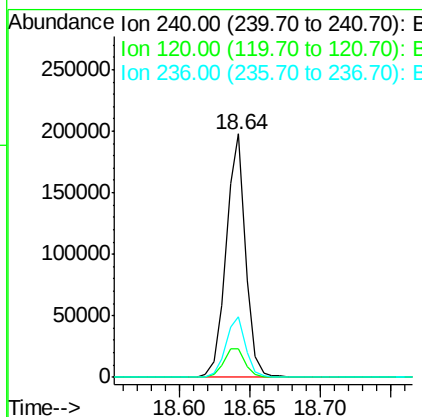
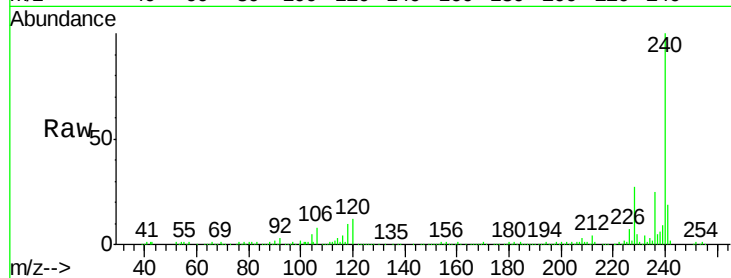
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.8	8.8#
236	24.7	20.5	30.7

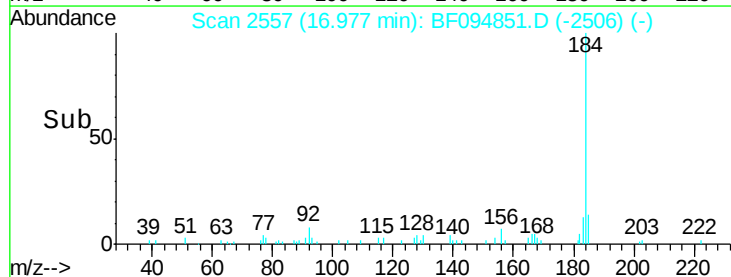
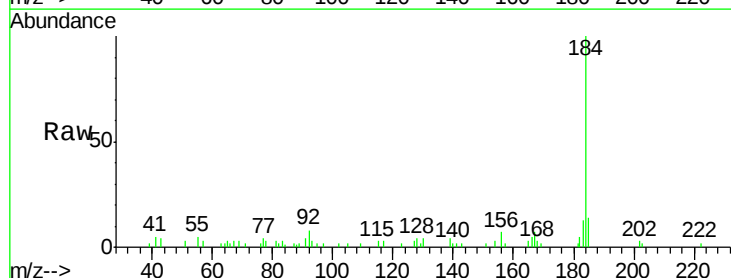
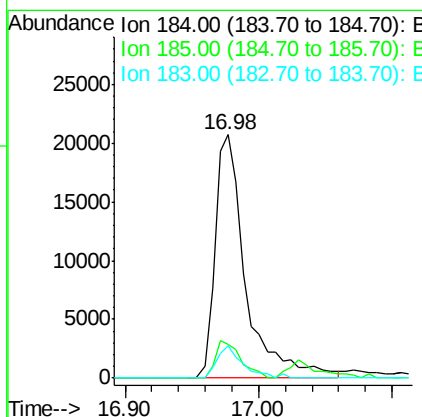
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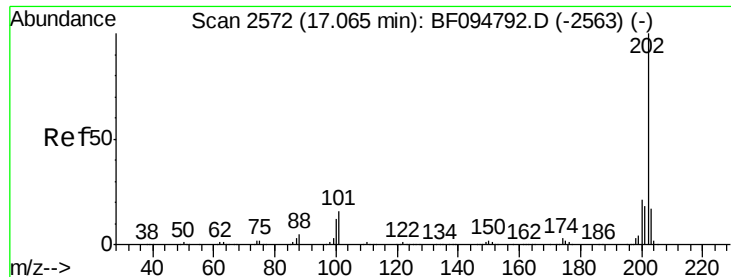
mohammad
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#76
Benzidine
Concen: 12.23 ng
RT: 16.98 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	13.5	9.8	14.6





#77

Pyrene

Concen: 48.59 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

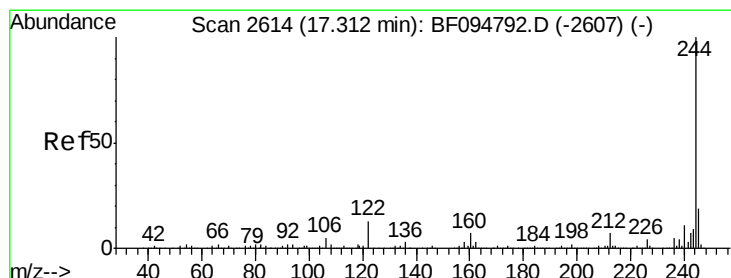
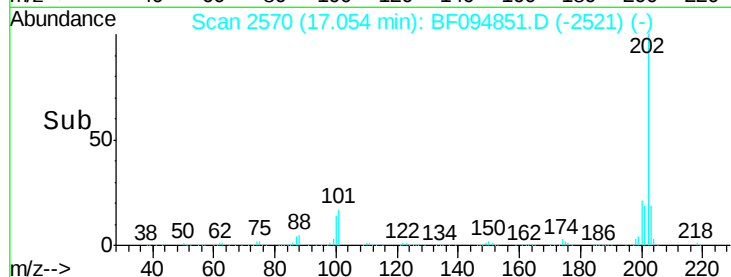
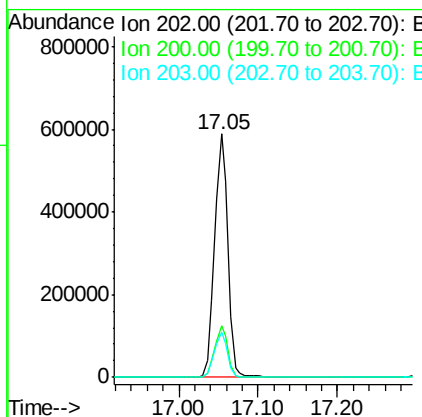
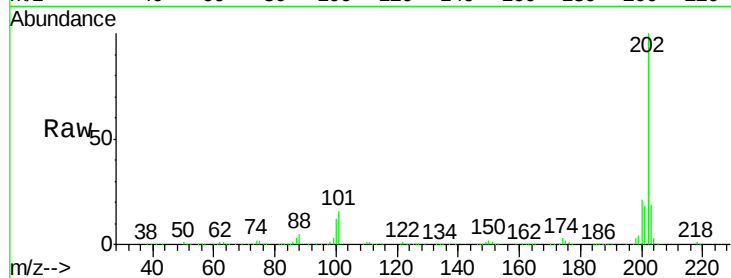
ClientSampleId :

5040-COMPMSD

Tgt Ion:	202	Resp:	685310
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	18.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 79.63 ng

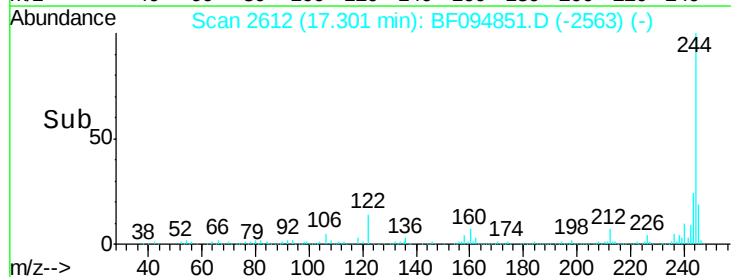
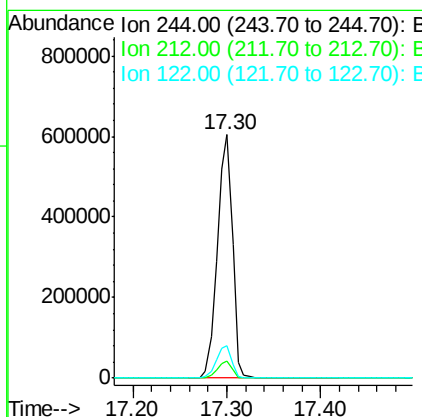
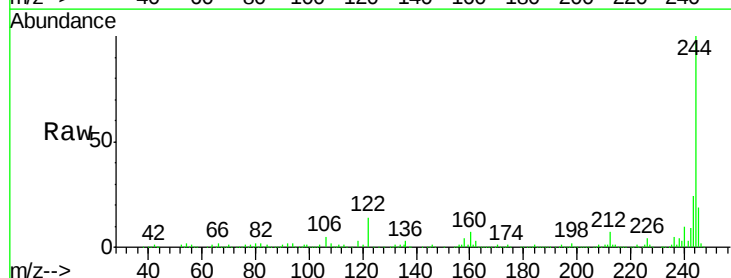
RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:	244	Resp:	681781
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	13.6	10.3	15.5





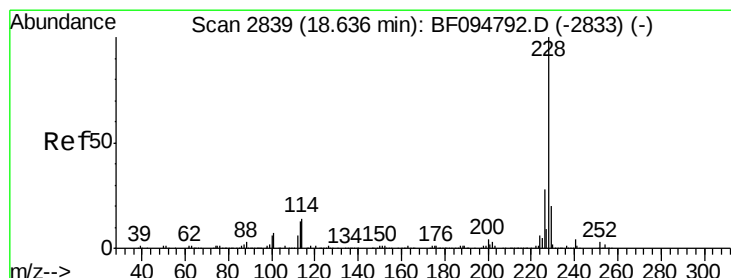
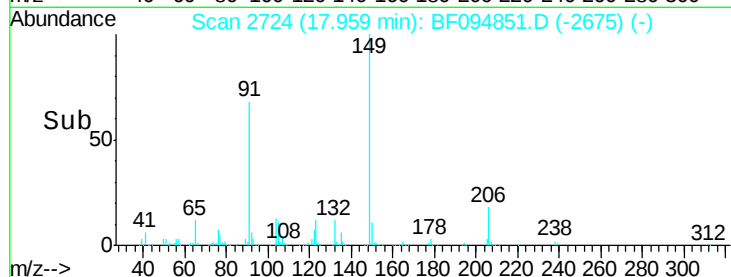
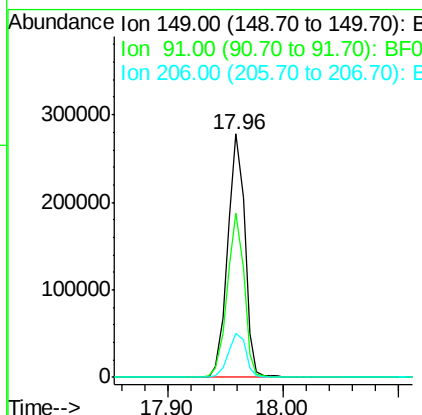
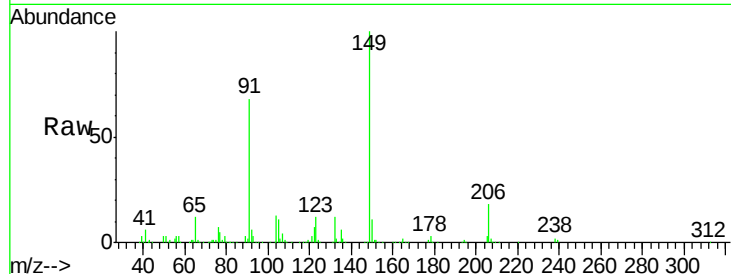
#79
Butylbenzylphthalate
Concen: 43.95 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	288311		
91	67.7	45.0	67.4#	
206	18.3	17.0	25.6	

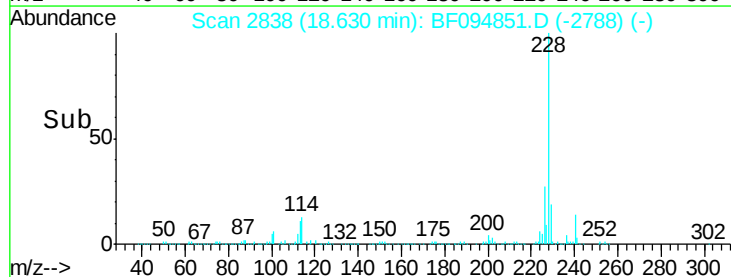
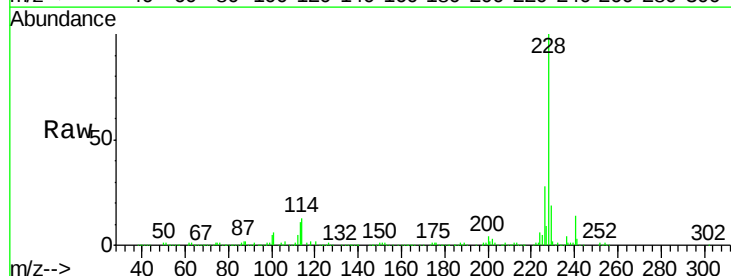
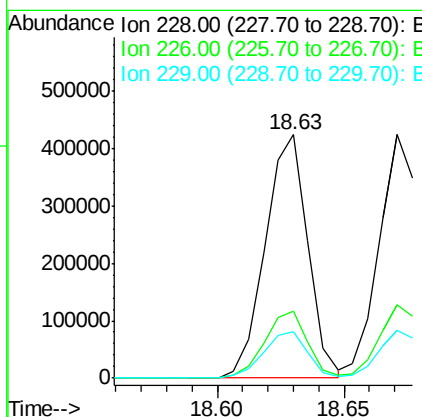
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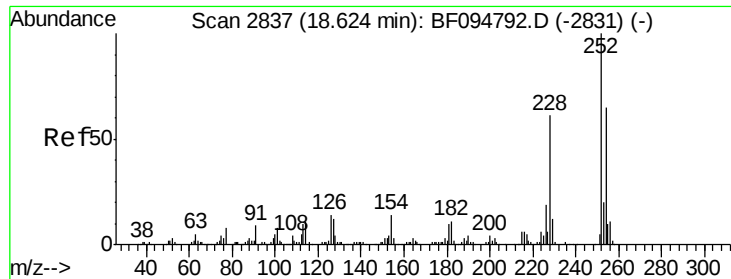
mohammad
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#80
Benzo(a)anthracene
Concen: 45.42 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	498501		
226	27.5	22.6	33.8	
229	19.1	16.3	24.5	





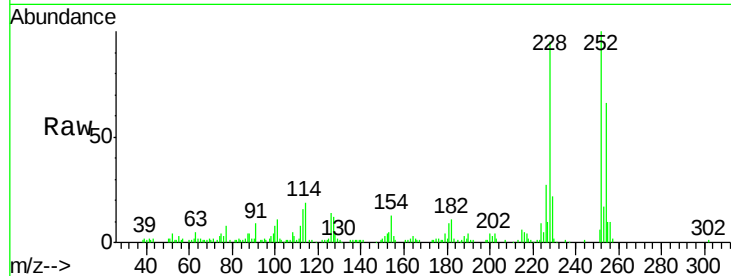
#81
 3,3'-Dichlorobenzidine
 Concen: 23.13 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

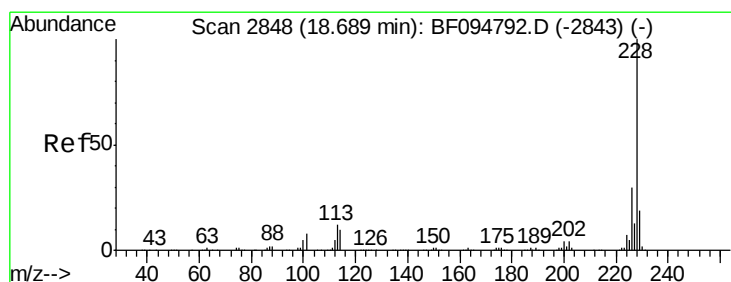
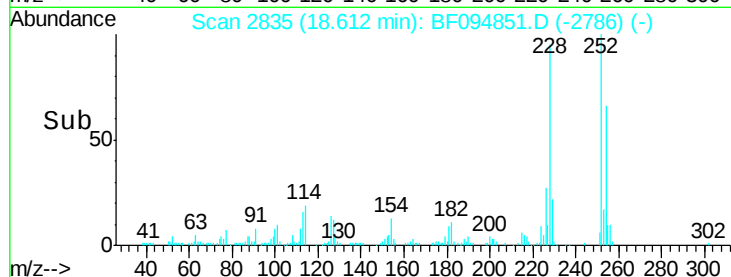
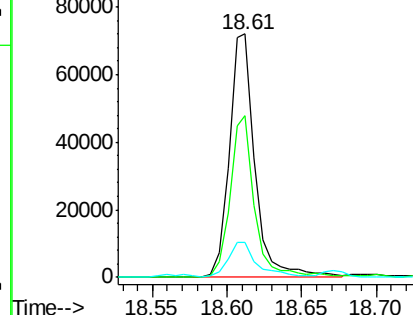
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.5	77.3
126	14.2	15.8	23.8

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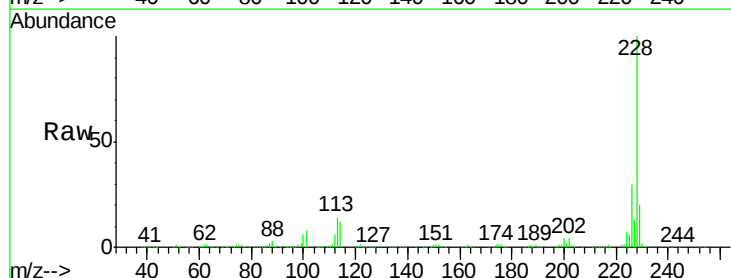


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

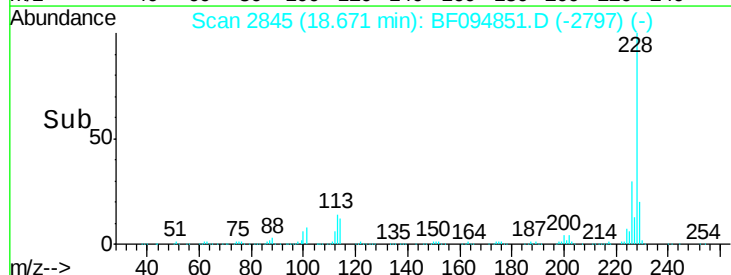
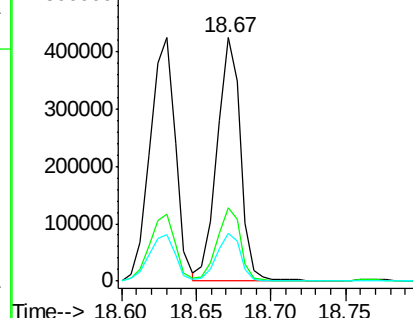


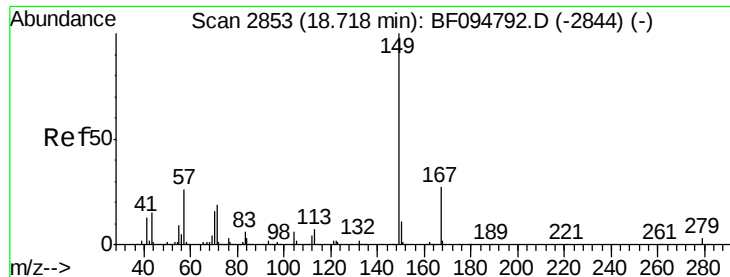
#82
 Chrysene
 Concen: 43.65 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.7	15.8	23.6



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





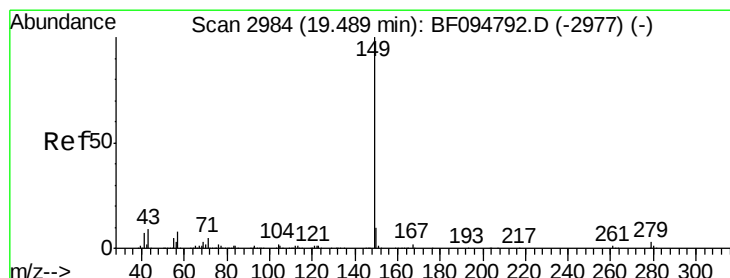
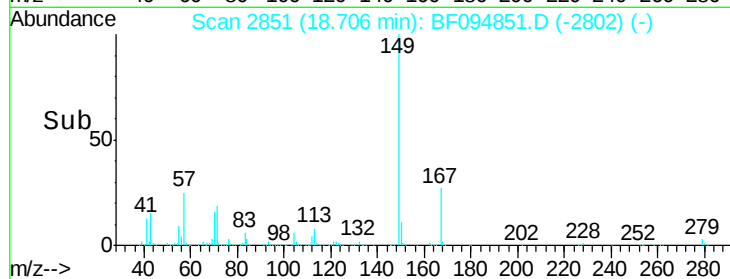
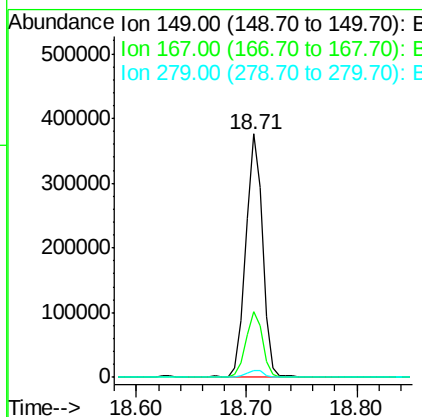
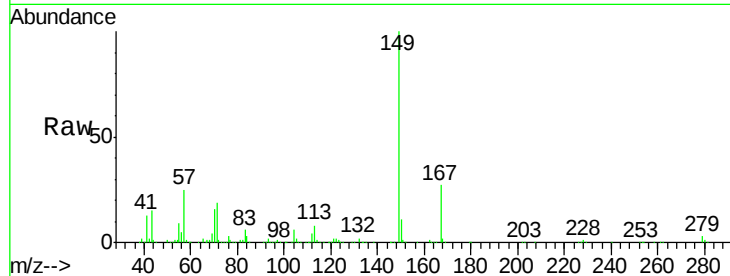
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.94 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	401341		
167	26.8	21.0	31.4	
279	3.0	1.9	2.9#	

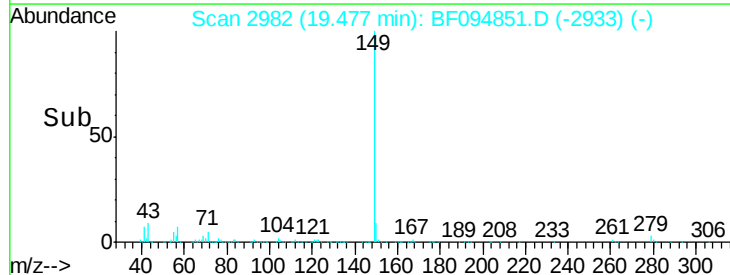
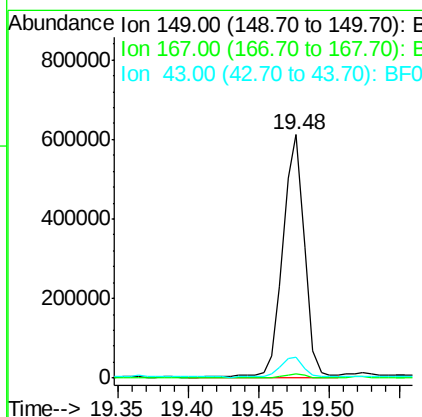
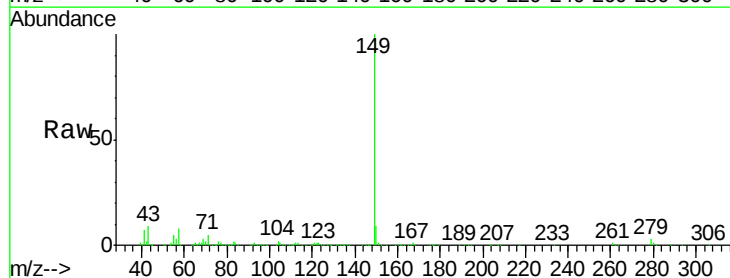
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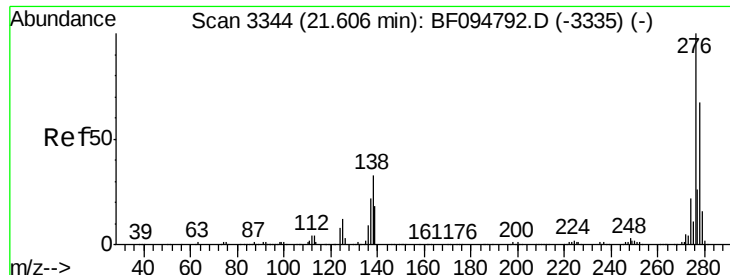
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 42.37 ng
 RT: 19.48 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	649328		
167	1.5	1.2	1.8	
43	8.8	8.5	12.7	





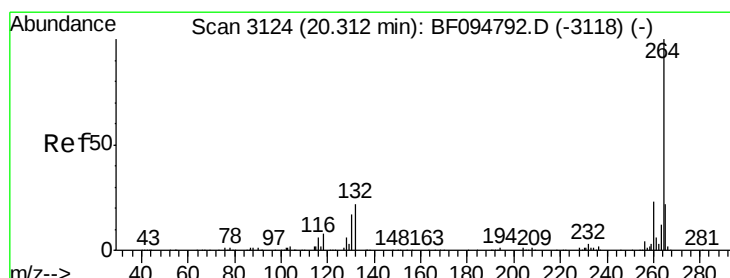
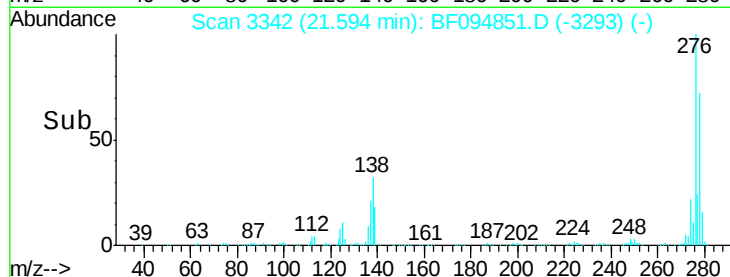
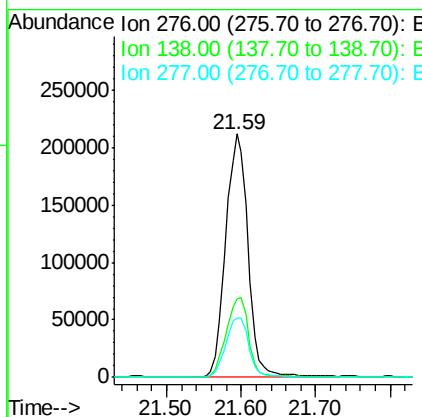
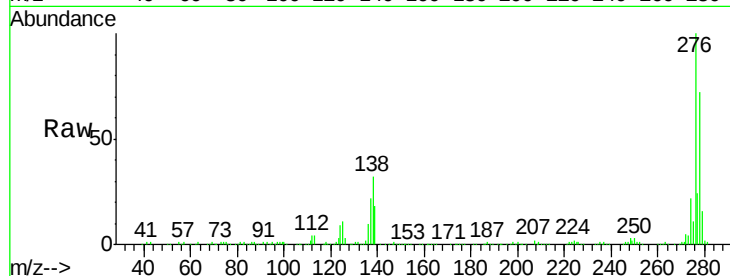
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.60 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.8	41.6
277	25.4	20.2	30.4

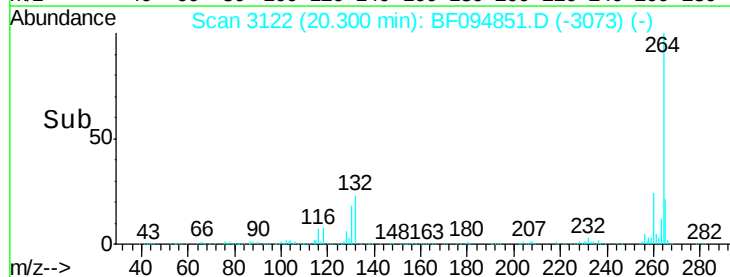
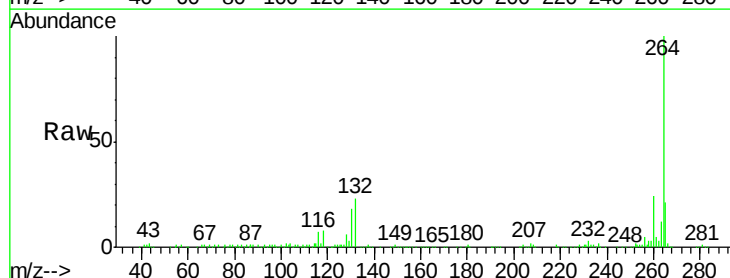
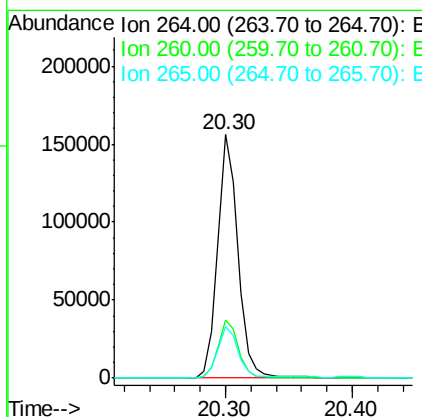
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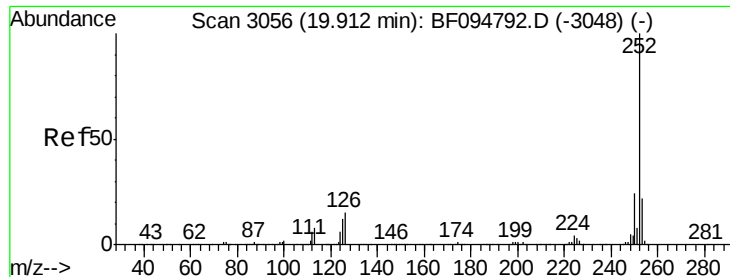
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.91 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

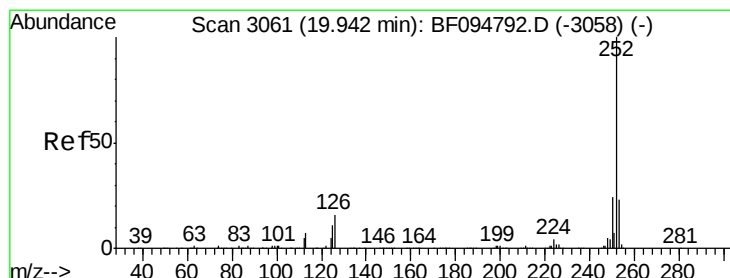
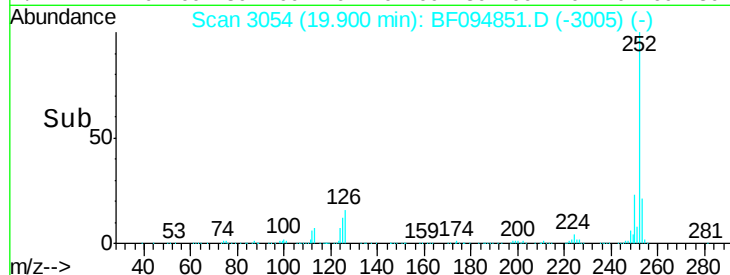
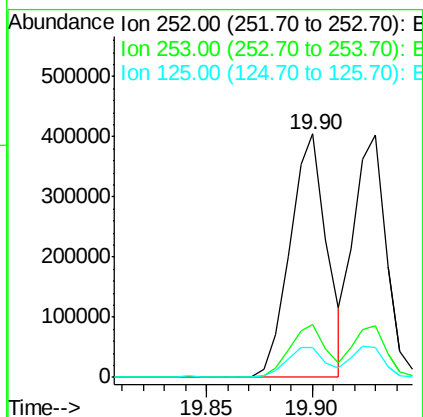
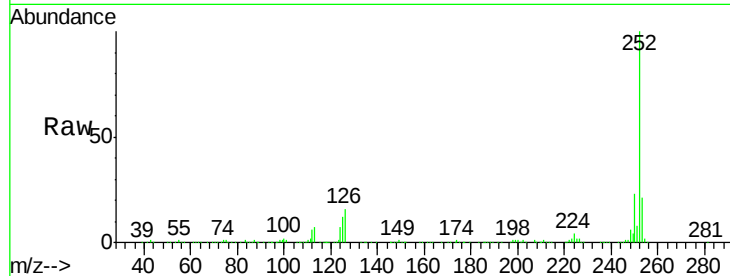
ClientSampleId :

5040-COMPMSD

Tgt Ion:	252	Resp:	491007
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	12.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 41.04 ng

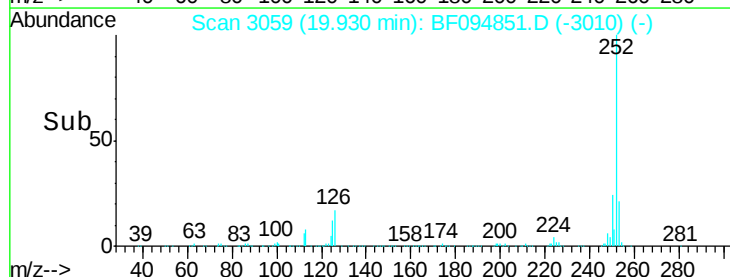
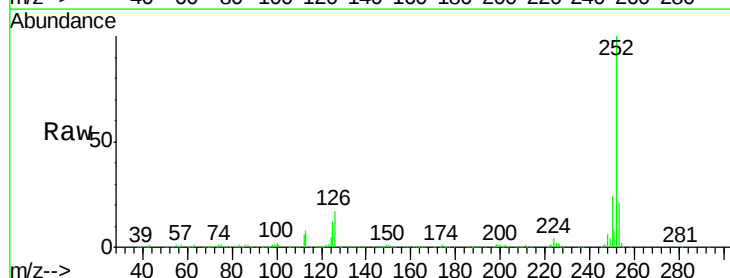
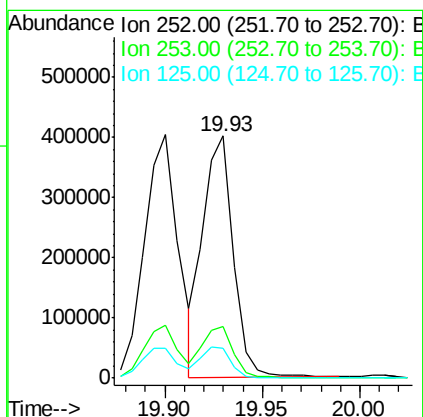
RT: 19.93 min Scan# 3059

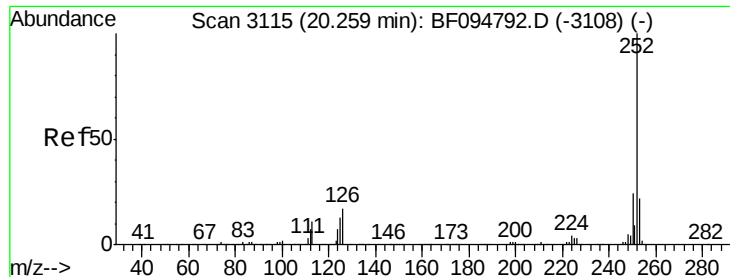
Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:	252	Resp:	432797
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.4	27.6
125	12.2	13.1	19.7#





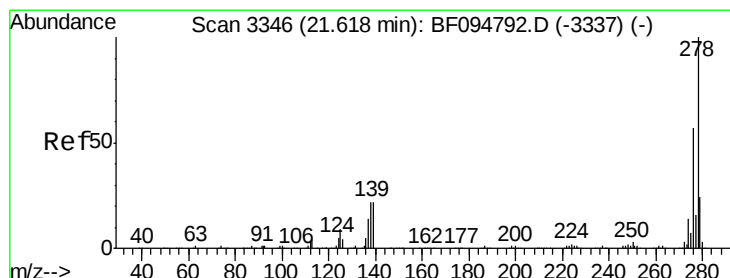
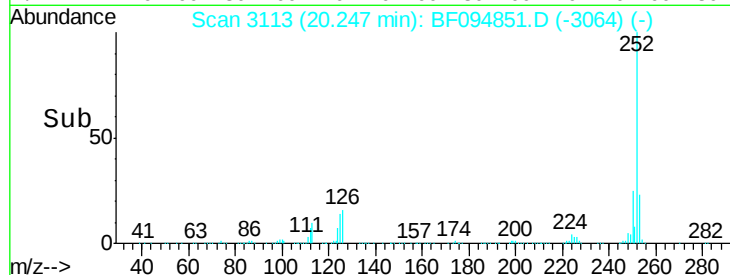
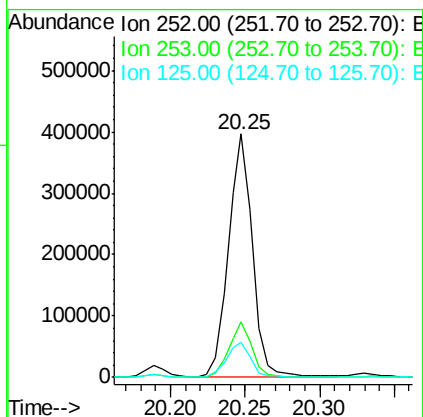
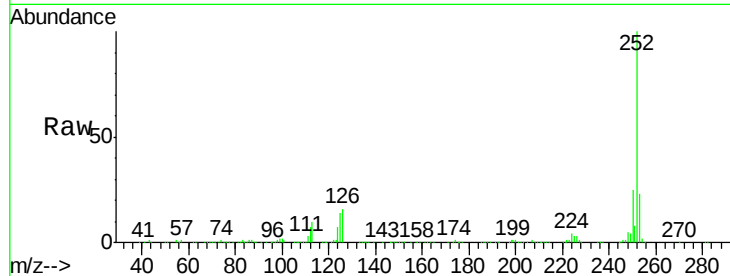
#89
Benzo(a)pyrene
Concen: 44.03 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	14.4	11.0	16.4

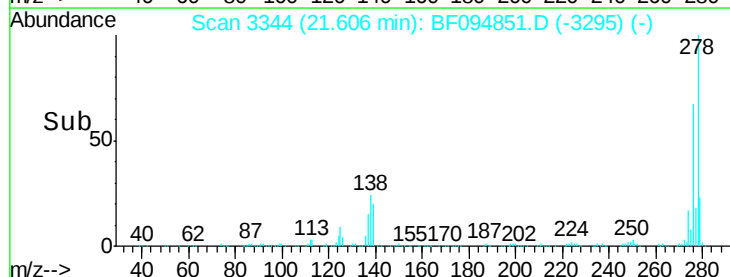
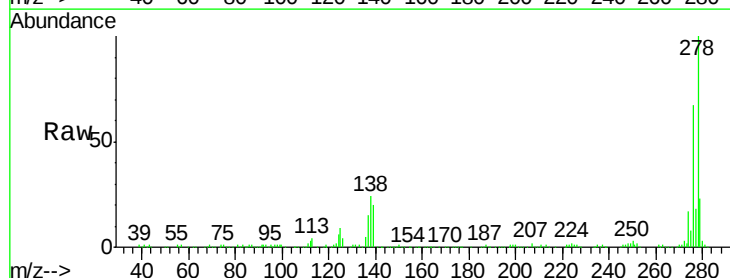
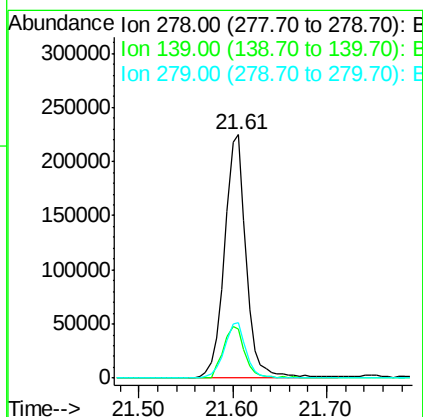
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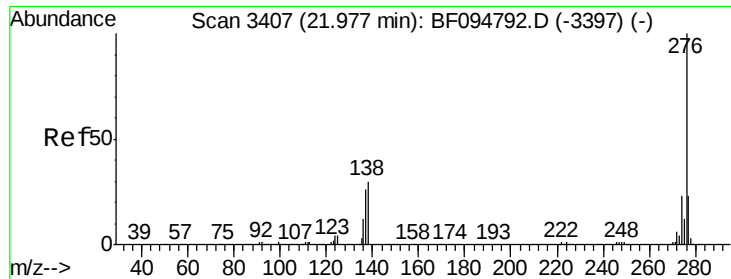
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.87 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	24.8
279	22.8	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 44.47 ng
 RT: 21.97 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	18.6	28.0
138	28.0	25.4	38.0

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