

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094934.D
 Acq On : 6 May 2017 00:28
 Operator : SJ/MA
 Sample : I2950-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Manual Integrations
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Quant Time: May 06 01:08:38 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	7.72	152	103377	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	402506	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	202061	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	341779	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	288926	20.00	ng	-0.01
86) Perylene-d12	20.30	264	227414	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	800618	129.12	ng	0.00
7) Phenol-d6	7.27	99	957828	128.74	ng	0.00
23) Nitrobenzene-d5	8.63	82	584077	91.50	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	222437	134.42	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1144867	81.55	ng	-0.01
78) Terphenyl-d14	17.30	244	995822	75.91	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	107723	35.42	ng	92
3) Pyridine	2.82	79	203755	28.91	ng	98
4) n-Nitrosodimethylamine	2.75	42	119268	40.60	ng	82
6) Aniline	7.23	93	217585	23.17	ng	95
8) 2-Chlorophenol	7.41	128	309978	43.92	ng	97
9) Benzaldehyde	7.05	77	52147	11.48	ng	98
10) Phenol	7.29	94	355329	45.32	ng	91
11) bis(2-Chloroethyl)ether	7.36	93	270974	41.87	ng	99
12) 1,3-Dichlorobenzene	7.63	146	324552	40.54	ng	97
13) 1,4-Dichlorobenzene	7.75	146	336834	41.49	ng	97
14) 1,2-Dichlorobenzene	7.98	146	309120	40.79	ng	96
15) Benzyl Alcohol	8.01	79	232544	48.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	363744	39.71	ng	57
17) 2-Methylphenol	8.22	107	249916	43.27	ng	# 88
18) Hexachloroethane	8.51	117	108924	39.60	ng	89
19) n-Nitroso-di-n-propylamine	8.44	70	213819	42.49	ng	94
20) 3+4-Methylphenols	8.48	107	335557	42.76	ng	# 60
22) Acetophenone	8.40	105	428281	44.35	ng	# 84
24) Nitrobenzene	8.65	77	303248	45.33	ng	94
25) Isophorone	9.05	82	548894	48.16	ng	95
26) 2-Nitrophenol	9.16	139	174606	48.36	ng	99
27) 2,4-Dimethylphenol	9.30	122	262629	44.99	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	353110	44.78	ng	99
29) 2,4-Dichlorophenol	9.58	162	253741	46.04	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	258641	43.80	ng	98
31) Naphthalene	9.78	128	871163	43.06	ng	100
32) Benzoic acid	9.58	122	87192	25.42	ng	91
33) 4-Chloroaniline	9.94	127	51942	6.89	ng	# 92
34) Hexachlorobutadiene	10.00	225	129266	41.49	ng	98
35) Caprolactam	10.55	113	78370m	47.36	ng	
36) 4-Chloro-3-methylphenol	10.78	107	279176	47.38	ng	91
37) 2-Methylnaphthalene	10.90	142	612379	46.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	239222	38.50	ng	100
40) Hexachlorocyclopentadiene	11.16	237	203372	78.01	ng	98

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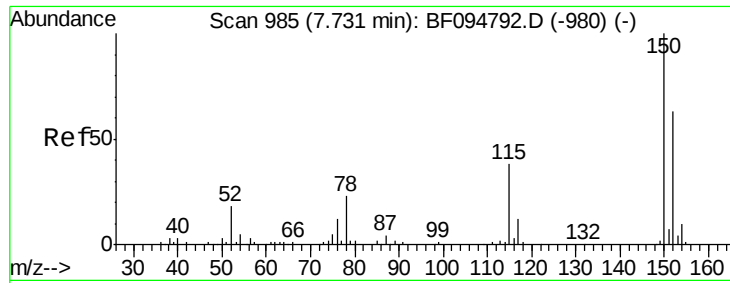
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	170119	41.00	ng	97
43) 2,4,5-Trichlorophenol	11.49	196	181903	40.79	ng	93
45) 1,1'-Biphenyl	11.67	154	691041	40.62	ng	99
46) 2-Chloronaphthalene	11.68	162	548420	39.92	ng	95
47) 2-Nitroaniline	11.89	65	154045	40.97	ng	# 86
48) Acenaphthylene	12.34	152	933372	43.38	ng	100
49) Dimethylphthalate	12.22	163	893980	53.89	ng	100
50) 2,6-Dinitrotoluene	12.31	165	153938	45.49	ng	# 90
51) Acenaphthene	12.63	154	542339	42.20	ng	98
52) 3-Nitroaniline	12.58	138	90533	24.92	ng	91
53) 2,4-Dinitrophenol	12.77	184	124965	68.05	ng	# 70
54) Dibenzofuran	12.91	168	778829	43.79	ng	100
55) 4-Nitrophenol	12.95	139	174287	79.89	ng	# 75
56) 2,4-Dinitrotoluene	12.97	165	193904	44.59	ng	# 89
57) Fluorene	13.47	166	644665	41.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	138544	49.37	ng	# 95
59) Diethylphthalate	13.37	149	625905	39.37	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	284574	41.87	ng	92
61) 4-Nitroaniline	13.58	138	139260	41.76	ng	95
62) Azobenzene	13.75	77	611153	47.84	ng	95
64) 4,6-Dinitro-2-methylphenol	13.64	198	108169	47.21	ng	# 65
65) n-Nitrosodiphenylamine	13.71	169	558163	45.00	ng	100
66) 4-Bromophenyl-phenylether	14.28	248	161469	44.72	ng	97
67) Hexachlorobenzene	14.37	284	164370	44.42	ng	# 91
68) Atrazine	14.62	200	167462	47.81	ng	99
69) Pentachlorophenol	14.71	266	148559	88.14	ng	99
70) Phenanthrene	15.01	178	842694	42.91	ng	98
71) Anthracene	15.09	178	883991	44.07	ng	98
72) Carbazole	15.38	167	851924	46.68	ng	98
73) Di-n-butylphthalate	15.95	149	1003521	44.09	ng	98
74) Fluoranthene	16.75	202	922863	45.81	ng	99
76) Benzidine	16.98	184	35723	10.53	ng	# 94
77) Pyrene	17.05	202	950377	43.98	ng	99
79) Butylbenzylphthalate	17.96	149	423588	42.14	ng	89
80) Benzo(a)anthracene	18.63	228	724382	43.08	ng	99
81) 3,3'-Dichlorobenzidine	18.61	252	136190	23.45	ng	# 96
82) Chrysene	18.68	228	685546	42.16	ng	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	596164	41.63	ng	# 98
84) Di-n-octyl phthalate	19.47	149	1006856	42.88	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	514076	38.93	ng	99
87) Benzo(b)fluoranthene	19.90	252	606718	43.18	ng	99
88) Benzo(k)fluoranthene	19.93	252	598128	44.13	ng	# 94
89) Benzo(a)pyrene	20.25	252	556056	42.88	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	428347	40.00	ng	99
91) Benzo(g,h,i)perylene	21.96	276	449745	42.80	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

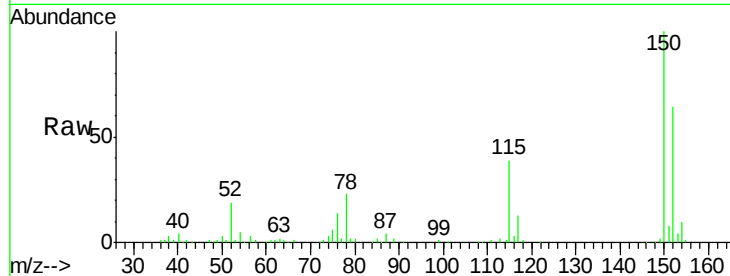
ClientSampleId :

SB-8(13-15)20170502MS

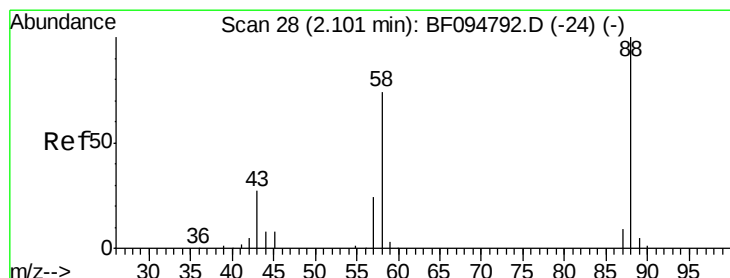
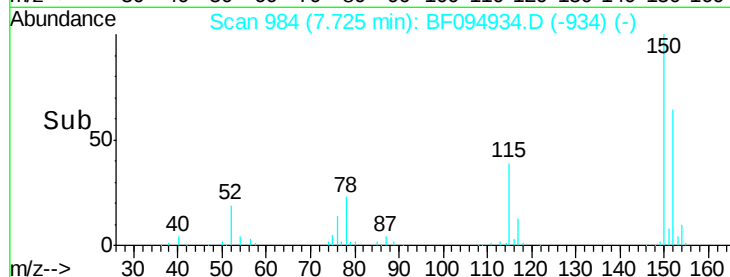
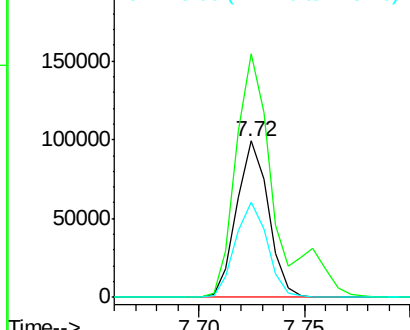
Tgt Ion:	152	Resp:	103377
Ion Ratio	Lower	Upper	
152	100		
150	155.8	126.2	189.2
115	60.5	52.2	78.2

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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



#2

1,4-Dioxane

Concen: 35.42 ng

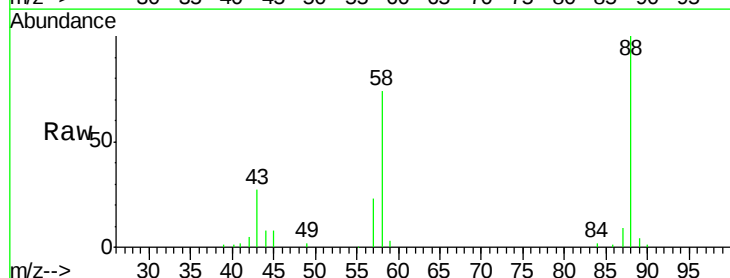
RT: 2.14 min Scan# 35

Delta R.T. 0.04 min

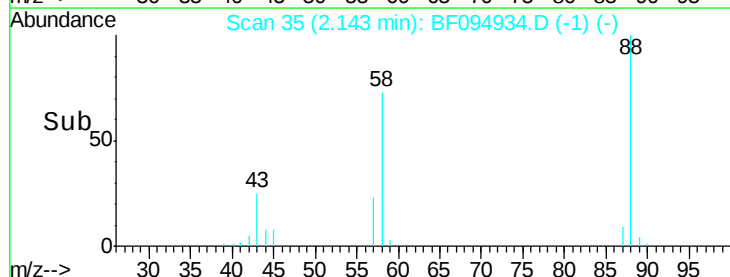
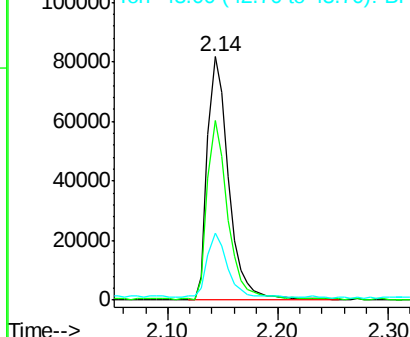
Lab File: BF094934.D

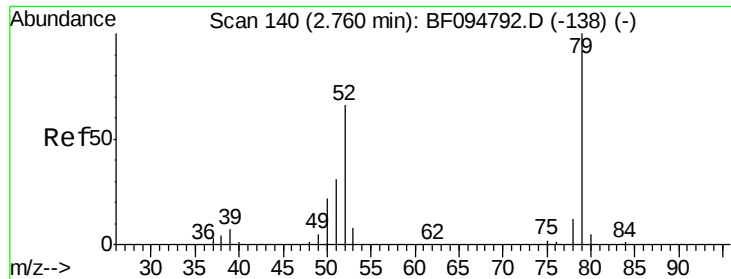
Acq: 6 May 2017 00:28

Tgt Ion:	88	Resp:	107723
Ion Ratio	Lower	Upper	
88	100		
58	69.5	61.4	92.0
43	25.4	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





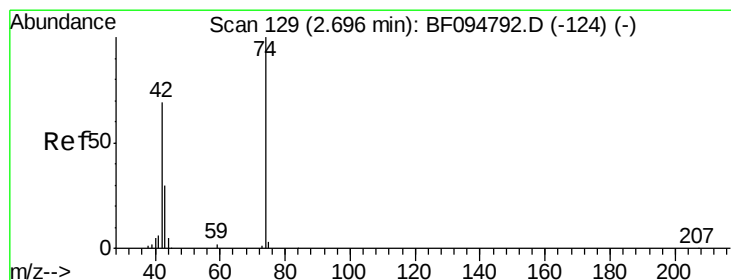
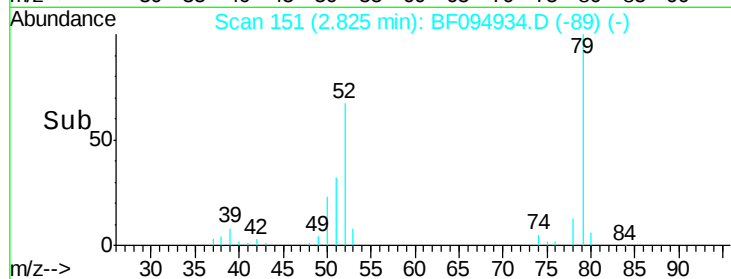
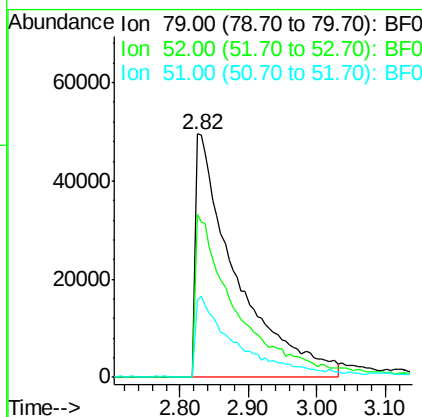
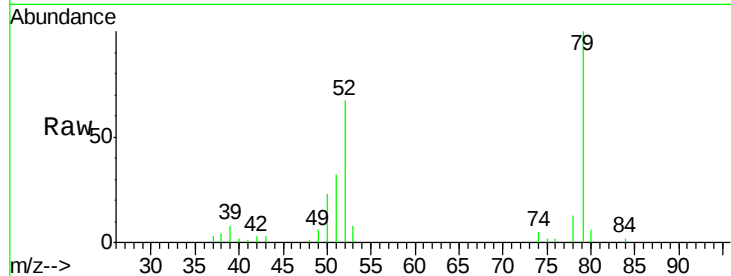
#3
 Pyridine
 Concen: 28.91 ng
 RT: 2.82 min Scan# 151
 Delta R.T. 0.06 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

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 SB-8(13-15)20170502MS

Tgt Ion:	79	Resp:	203755
Ion	Ratio	Lower	Upper
79	100		
52	67.2	54.8	82.2
51	31.7	27.0	40.4

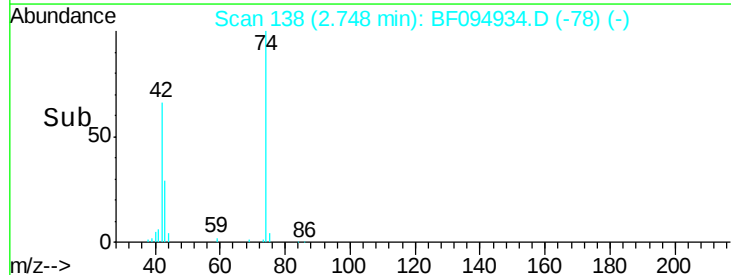
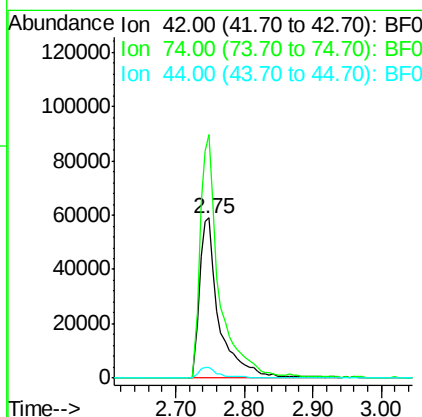
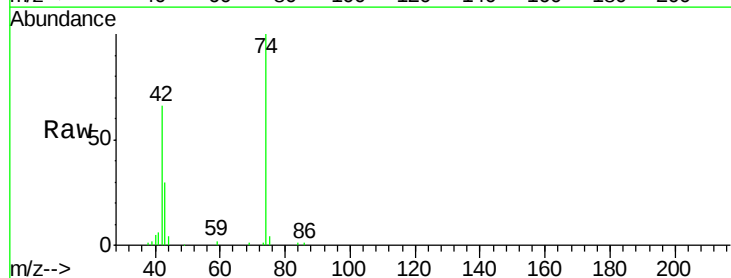
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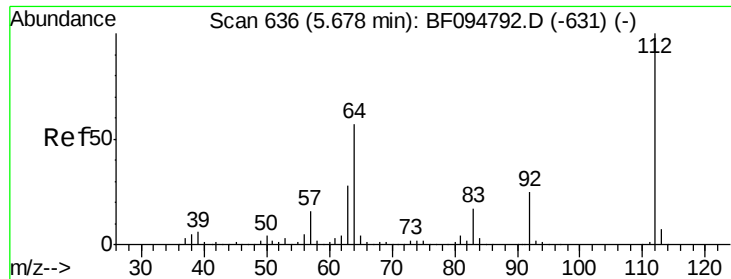
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#4
 n-Nitrosodimethylamine
 Concen: 40.60 ng
 RT: 2.75 min Scan# 138
 Delta R.T. 0.05 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:	42	Resp:	119268
Ion	Ratio	Lower	Upper
42	100		
74	152.0	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 129.12 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

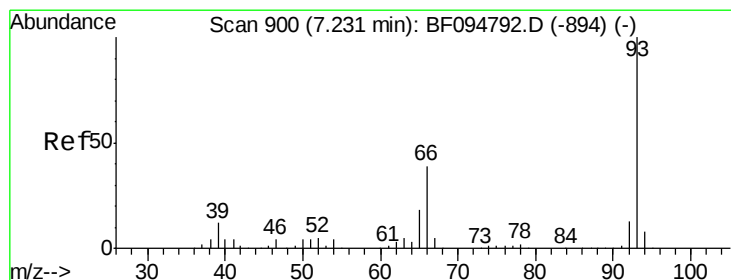
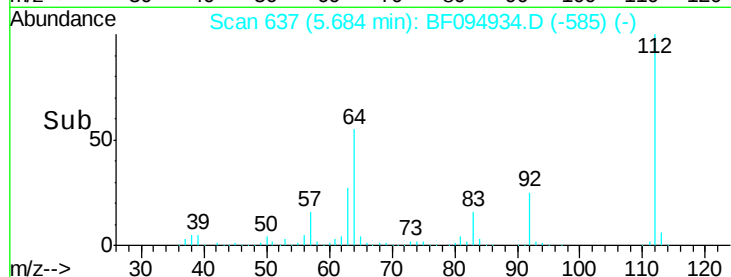
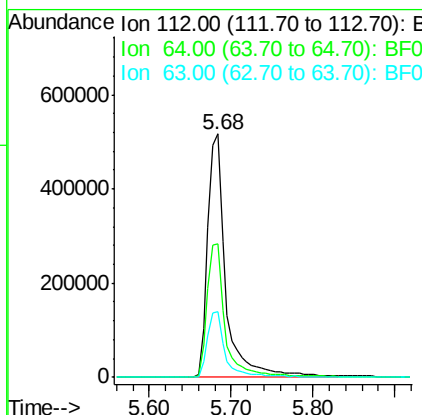
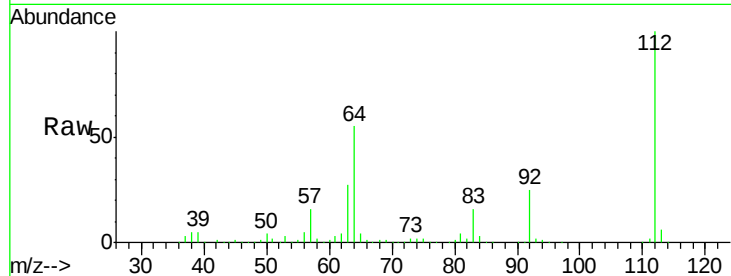
ClientSampleId :

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Tgt Ion:	112	Resp:	800618
Ion Ratio	Lower	Upper	
112	100		
64	54.7	46.0	69.0
63	27.0	23.4	35.0

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#6

Aniline

Concen: 23.17 ng

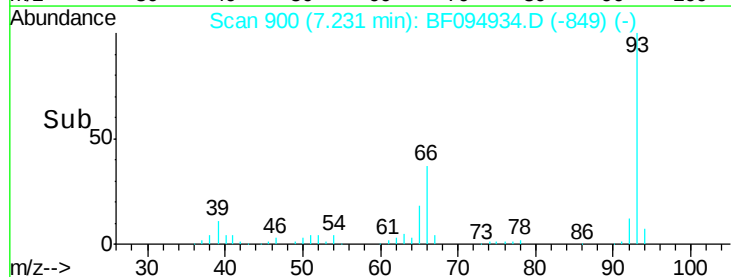
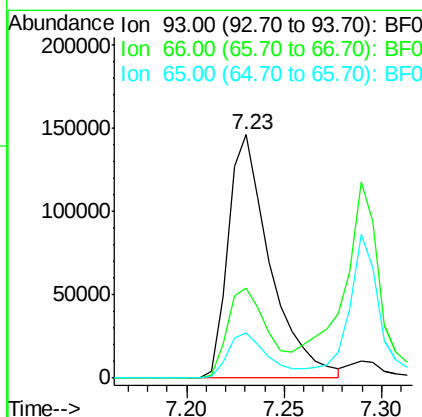
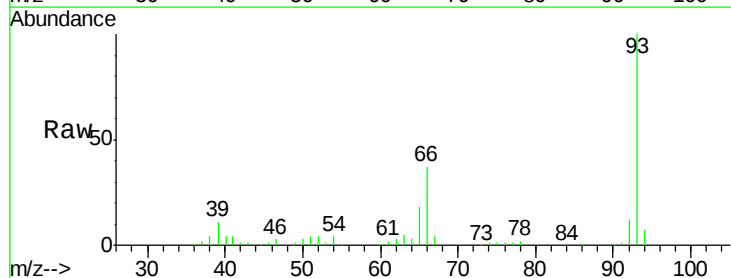
RT: 7.23 min Scan# 900

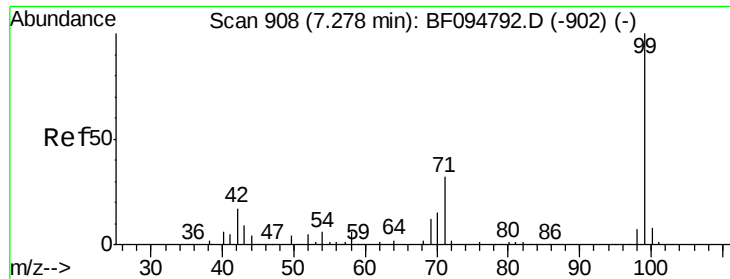
Delta R.T. -0.00 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	93	Resp:	217585
Ion Ratio	Lower	Upper	
93	100		
66	37.1	32.9	49.3
65	18.4	16.0	24.0





#7

Phenol-d6

Concen: 128.74 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

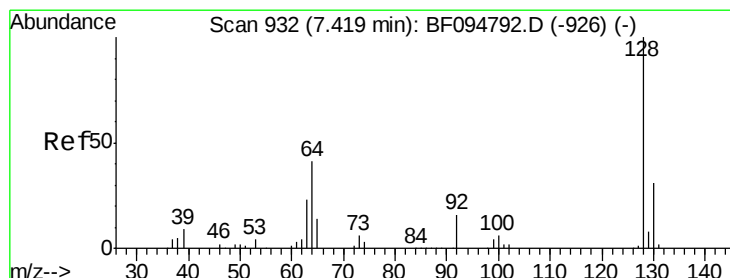
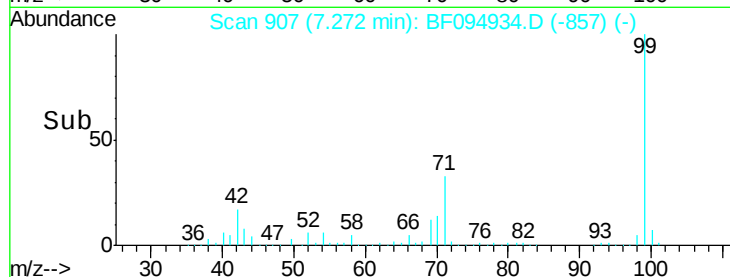
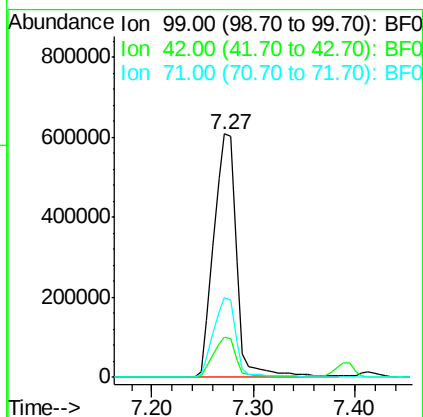
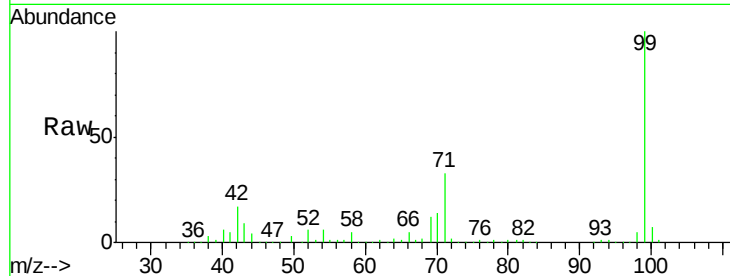
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Tgt Ion:	99	Resp:	957828
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.8	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.92 ng

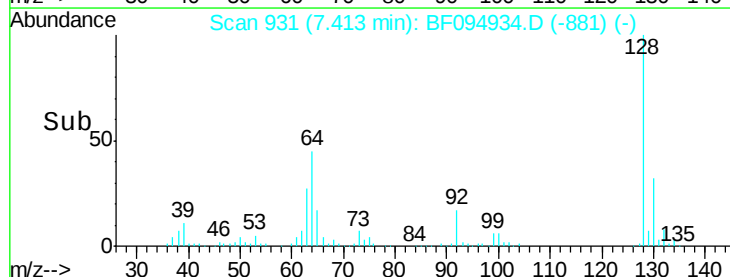
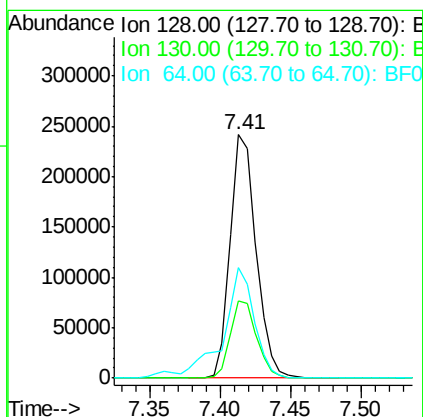
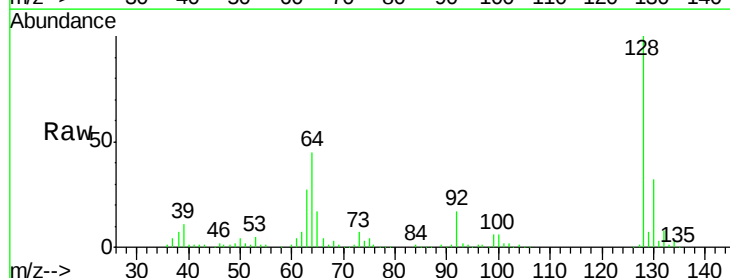
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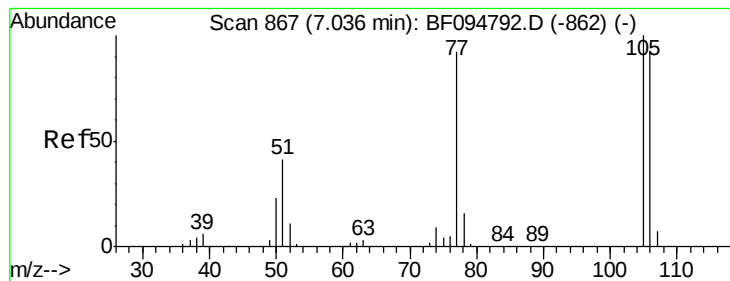
Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	128	Resp:	309978
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	45.5	28.4	68.4





#9

Benzaldehyde

Concen: 11.48 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

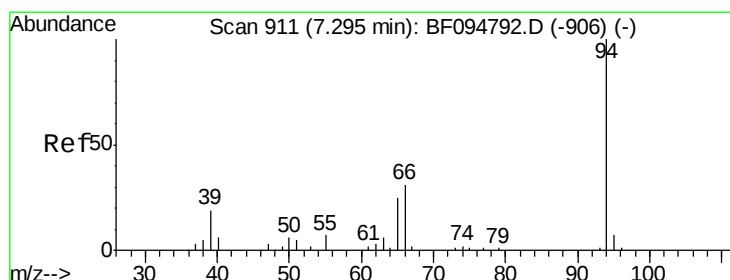
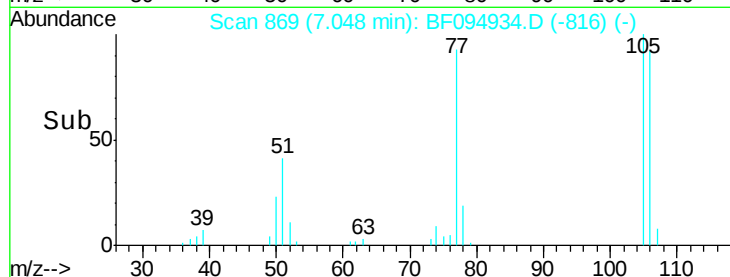
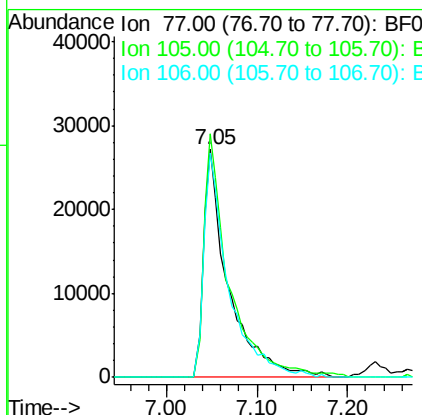
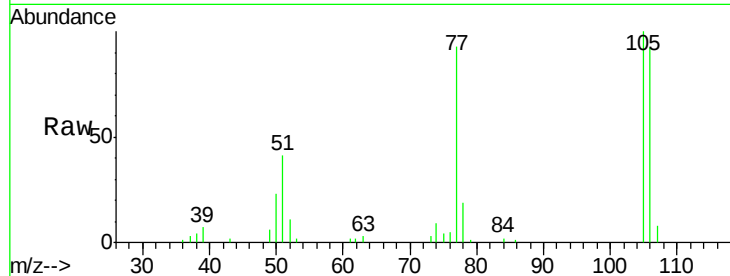
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Tgt Ion: 77 Resp: 52147

Ion	Ratio	Lower	Upper
77	100		
105	107.0	83.8	123.8
106	98.5	79.1	119.1

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#10

Phenol

Concen: 45.32 ng

RT: 7.29 min Scan# 910

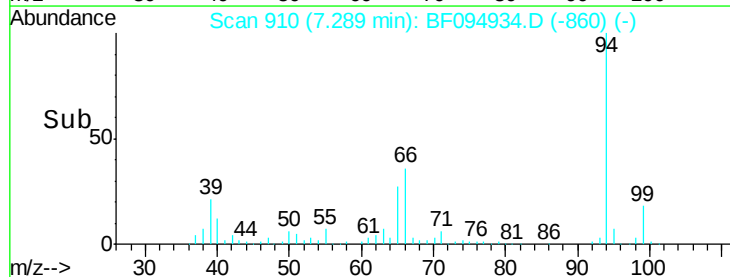
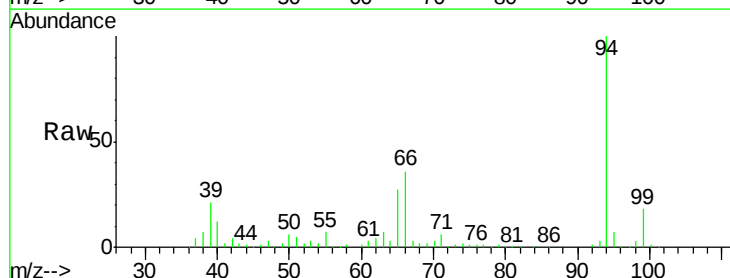
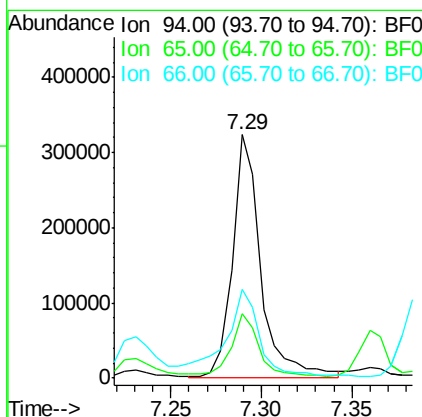
Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion: 94 Resp: 355329

Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	36.3	23.1	63.1





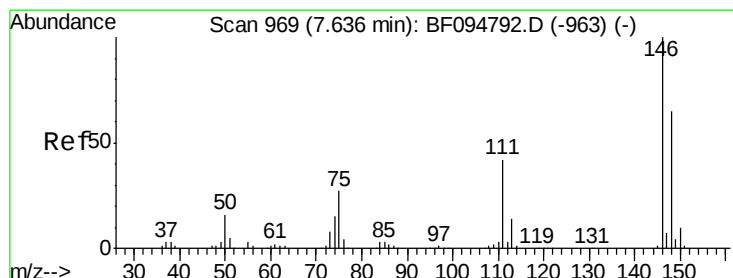
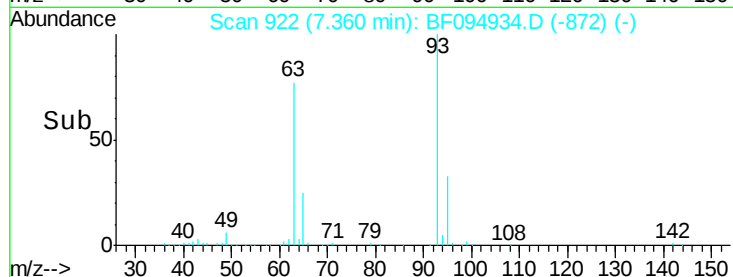
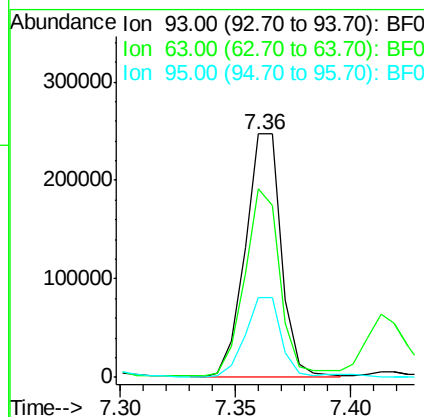
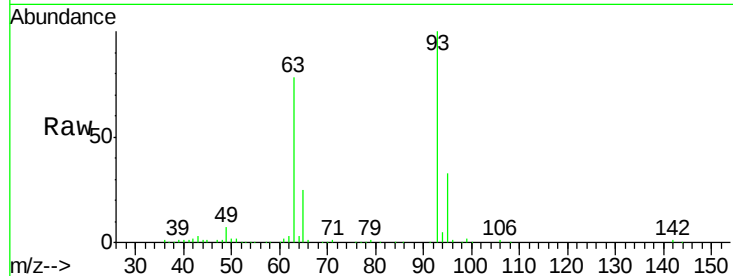
#11
bis(2-Chloroethyl)ether
Concen: 41.87 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion:	93	Resp:	270974
Ion	Ratio	Lower	Upper
93	100		
63	77.6	59.2	99.2
95	32.7	12.8	52.8

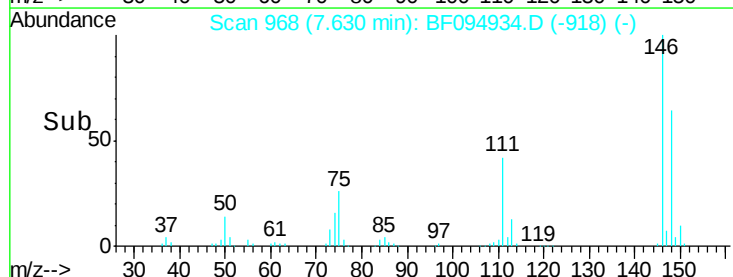
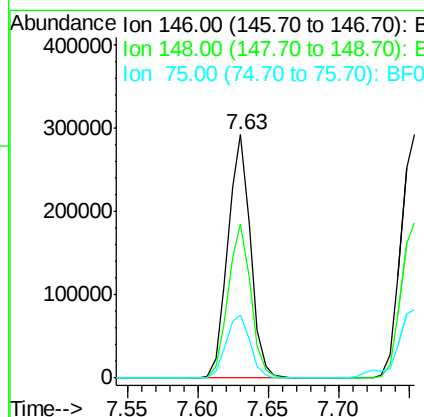
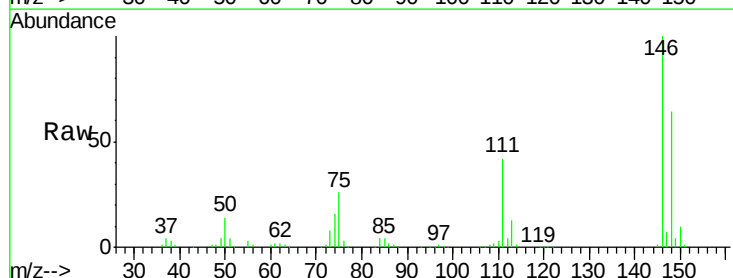
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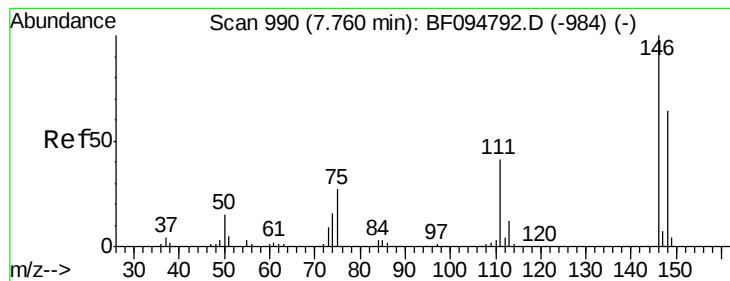
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.54 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion:	146	Resp:	324552
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	26.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.49 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

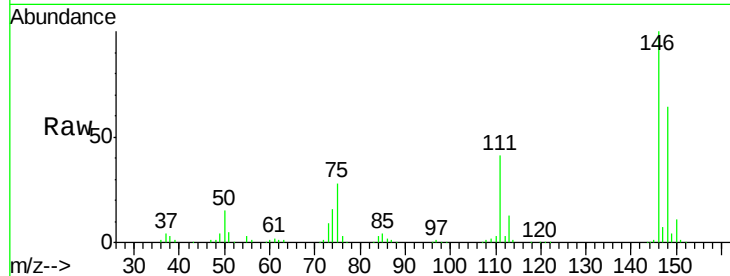
ClientSampleId :

SB-8(13-15)20170502MS

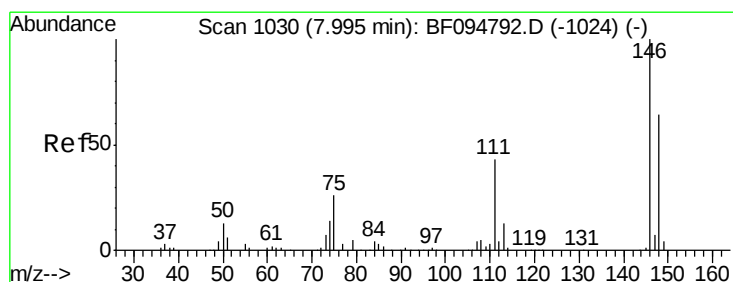
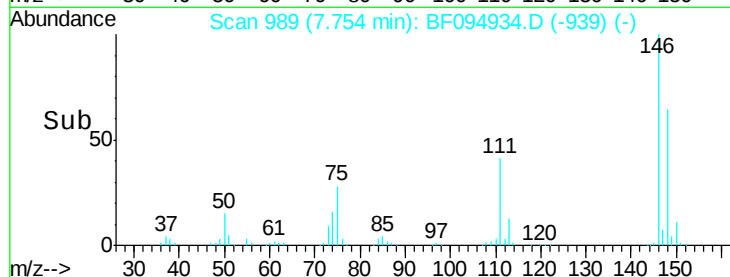
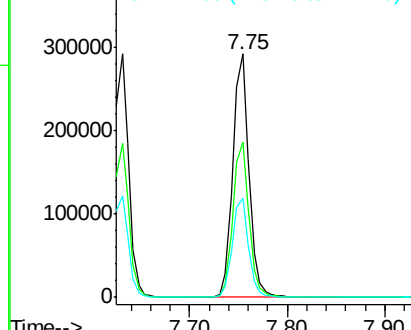
Tgt Ion:	146	Resp:	336834
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	40.7	30.3	45.5

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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: 40.79 ng

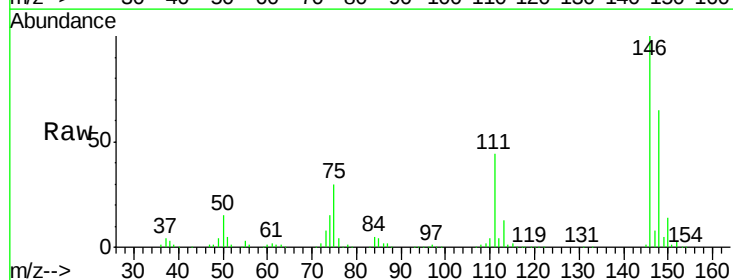
RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

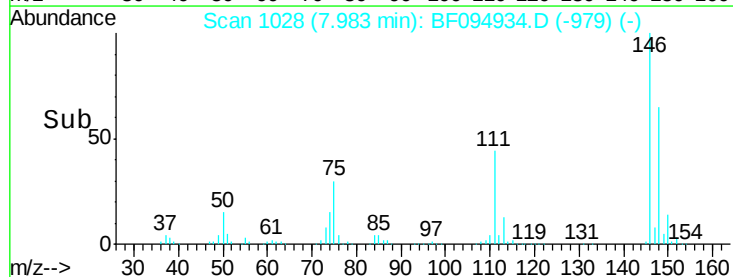
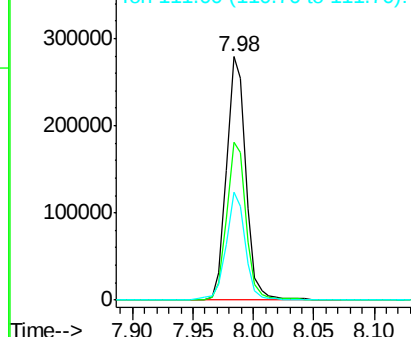
Lab File: BF094934.D

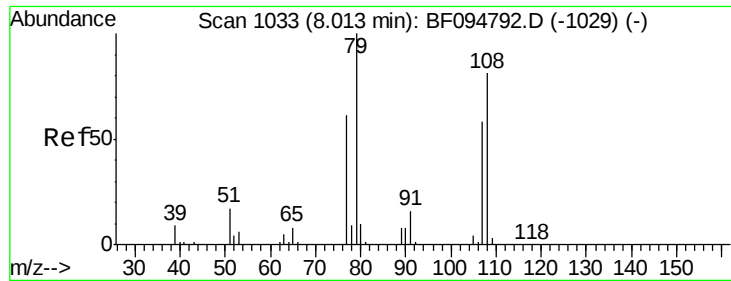
Acq: 6 May 2017 00:28

Tgt Ion:	146	Resp:	309120
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.4	75.6
111	44.1	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: 48.60 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

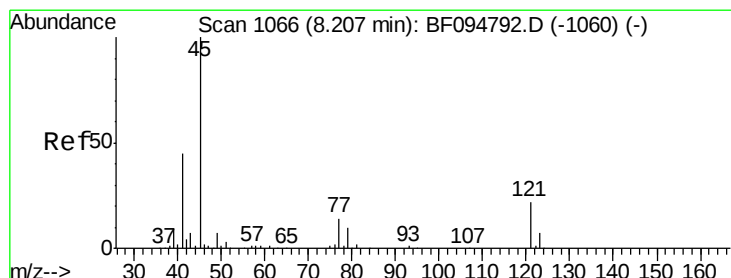
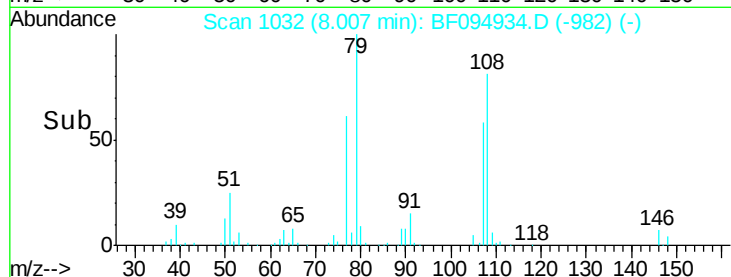
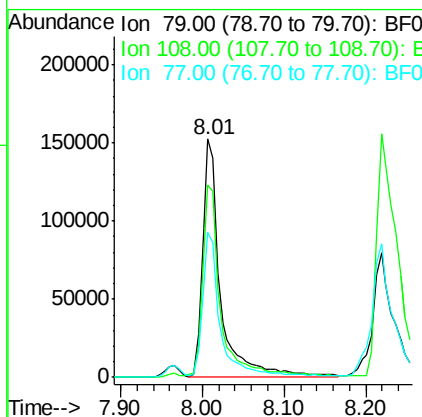
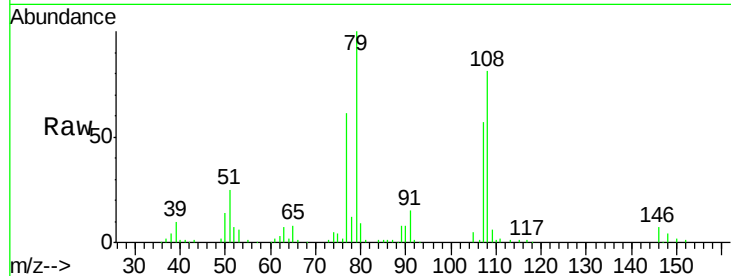
ClientSampleId :

SB-8(13-15)20170502MS

Tgt Ion:	79	Resp:	232544
Ion Ratio	Lower	Upper	
79	100		
108	80.6	63.4	95.0
77	61.0	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.71 ng

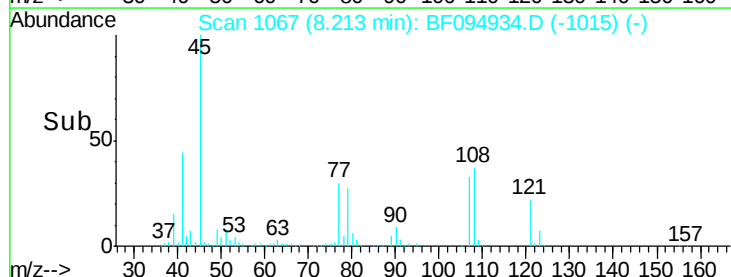
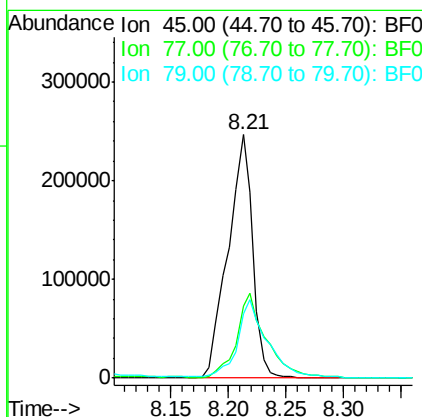
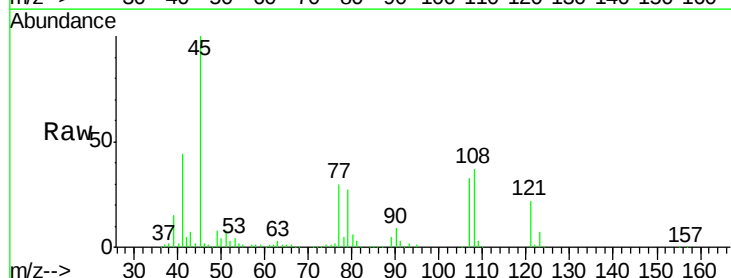
RT: 8.21 min Scan# 1067

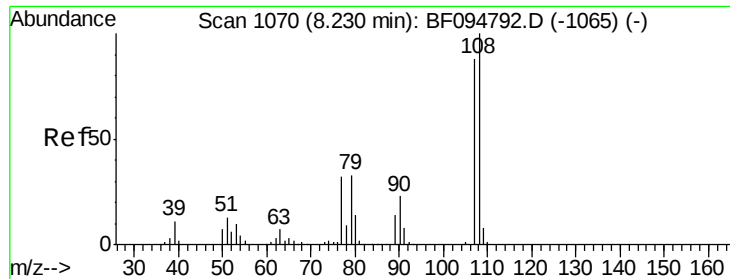
Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	45	Resp:	363744
Ion Ratio	Lower	Upper	
45	100		
77	29.6	0.0	33.2
79	26.7	0.0	30.0





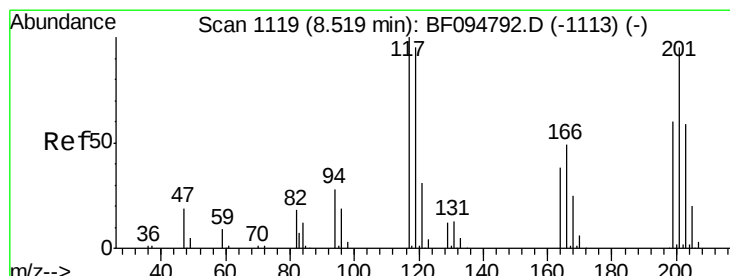
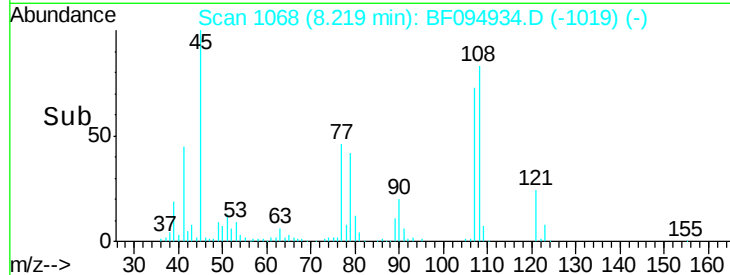
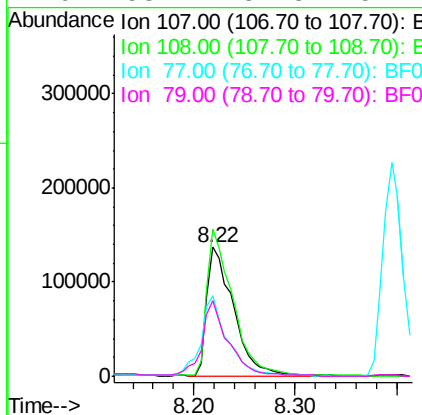
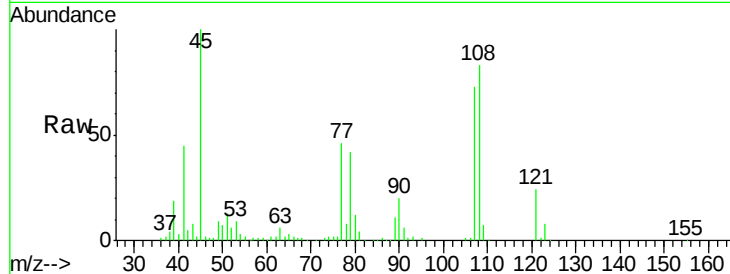
#17
2-Methylphenol
Concen: 43.27 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	249916		
108	113.9	93.4	140.0	
77	62.6	35.8	53.6#	
79	58.4	34.8	52.2#	

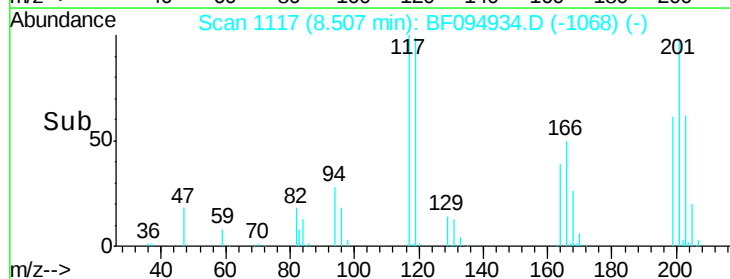
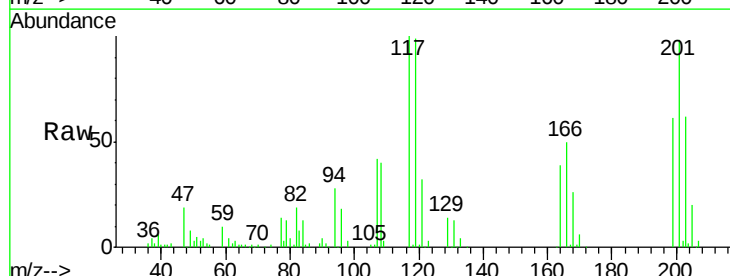
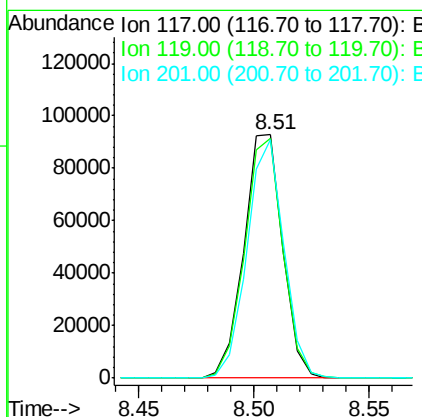
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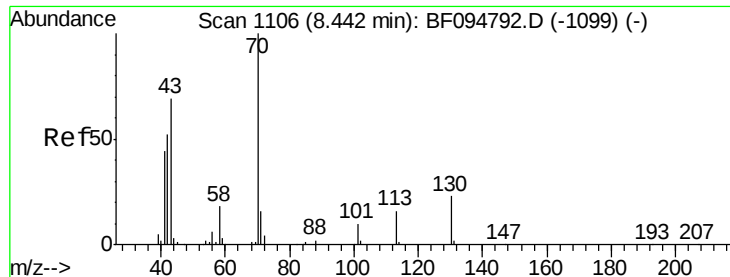
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#18
Hexachloroethane
Concen: 39.60 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108924		
119	98.6	77.4	116.0	
201	97.9	94.6	141.8	





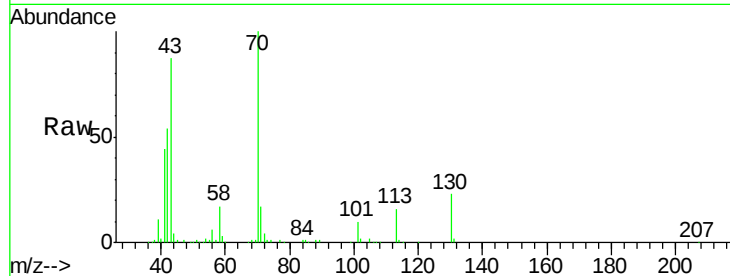
#19
n-Nitroso-di-n-propylamine
Concen: 42.49 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.2	70.8
101	9.8	7.2	10.8
130	23.4	15.9	23.9

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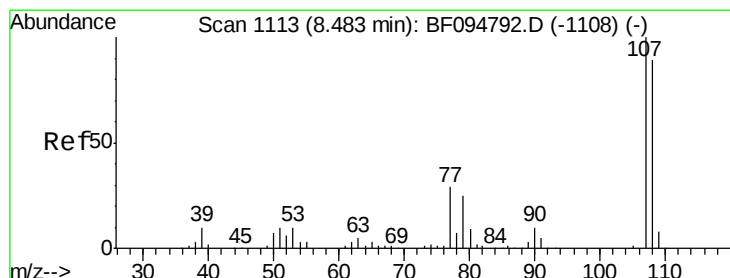
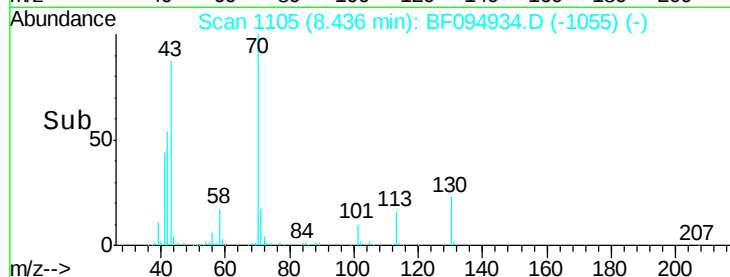
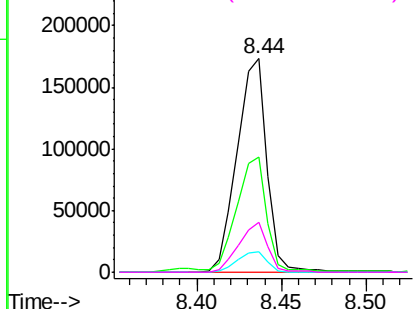
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.76 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	71.0	111.0
77	28.9	90.5	130.5#
79	23.9	8.4	48.4

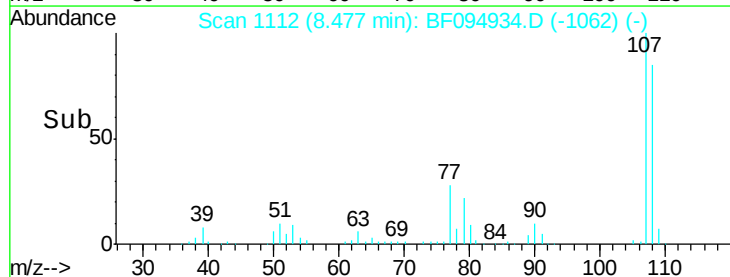
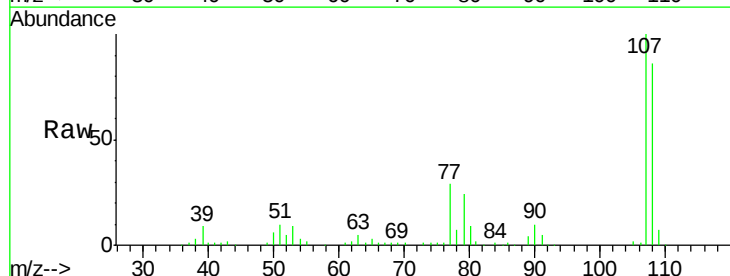
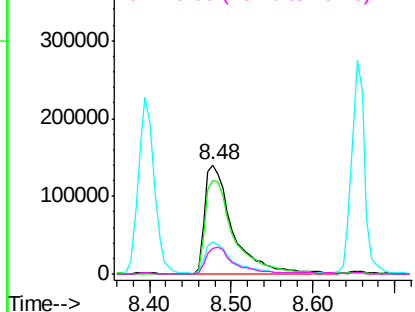
Abundance

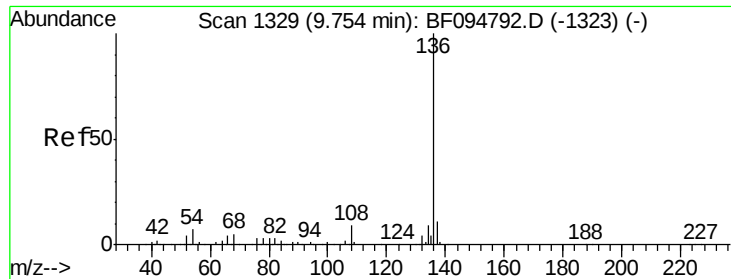
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





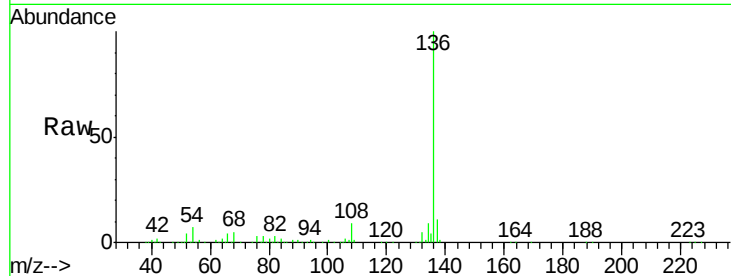
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	402506		
137	10.7	8.5	12.7	
54	6.7	4.9	7.3	
68	5.2	4.1	6.1	

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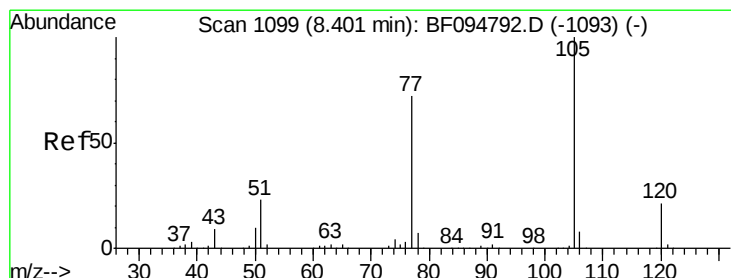
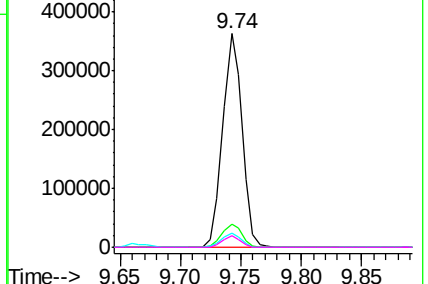
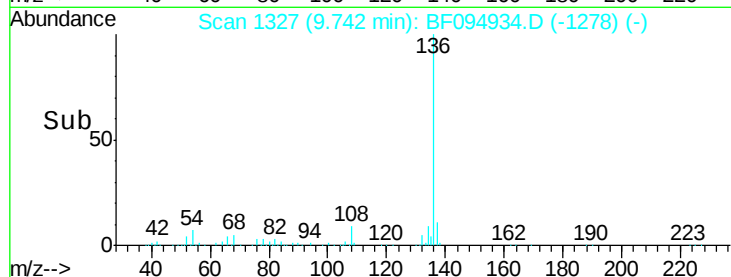
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

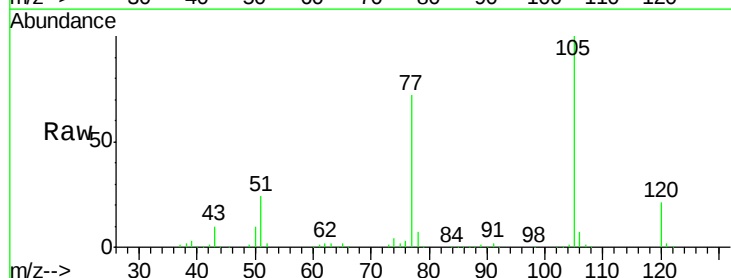
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 44.35 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	428281		
71	0.0	2.8	4.2#	
51	23.7	30.7	46.1#	
120	21.0	17.4	26.0	



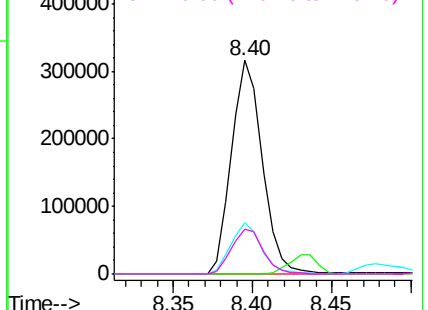
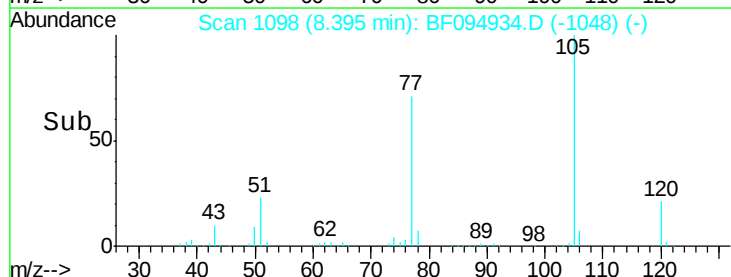
Abundance

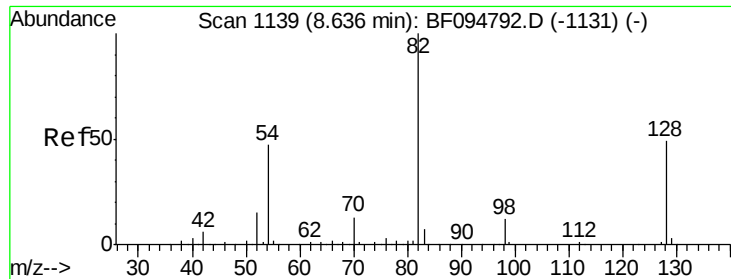
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





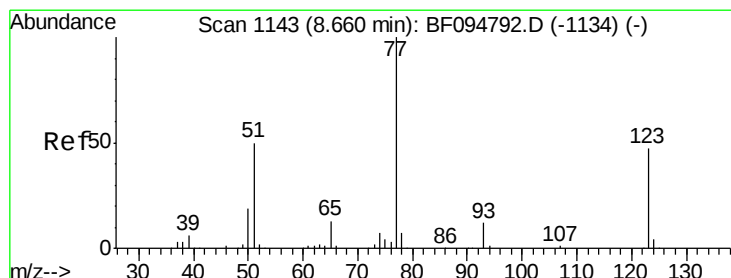
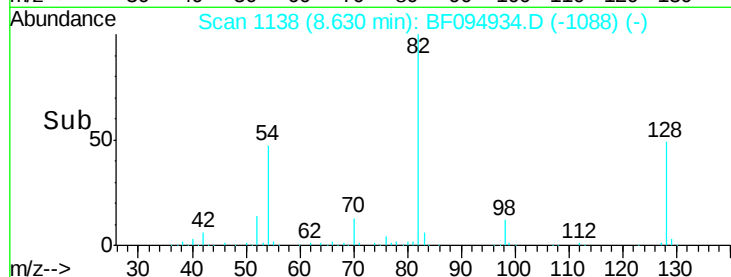
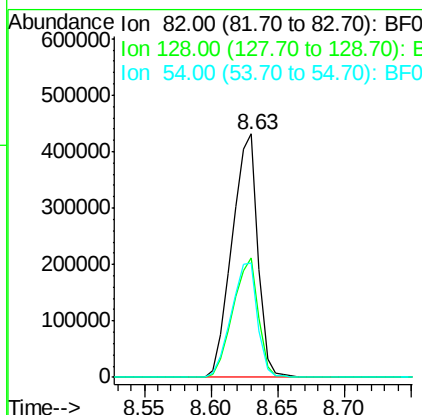
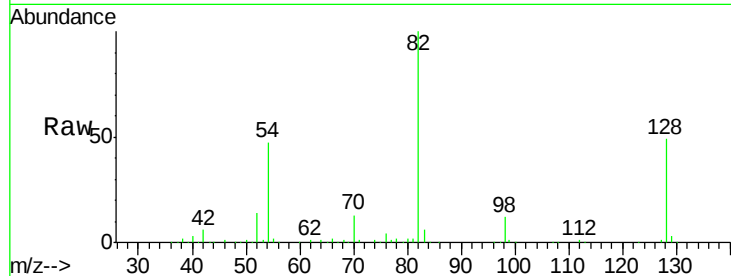
#23
 Nitrobenzene-d5
 Concen: 91.50 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	584077		
128	48.8	34.0	51.0	
54	46.9	42.2	63.2	

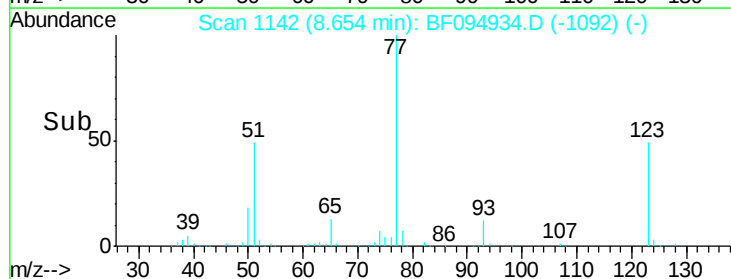
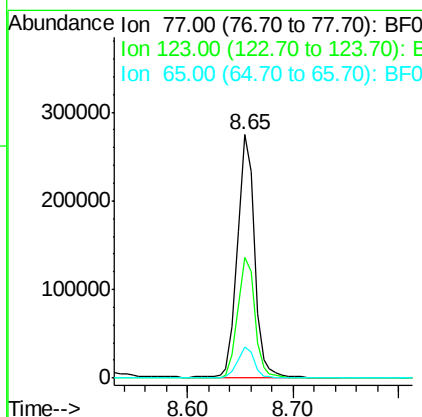
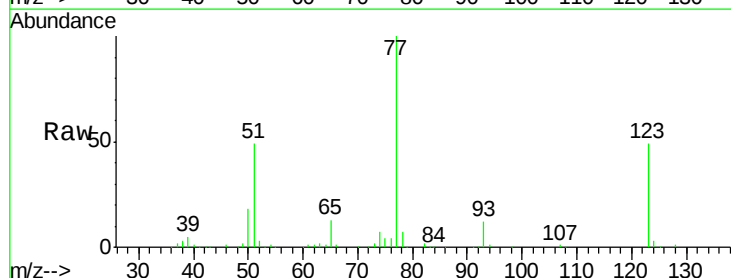
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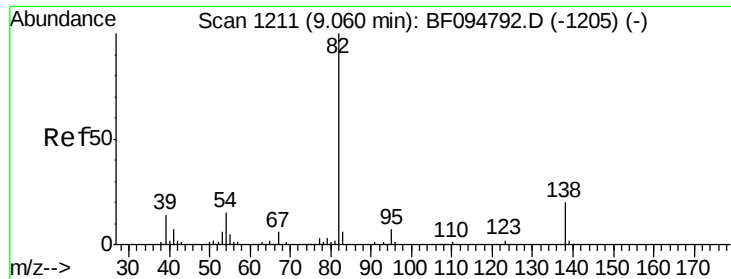
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#24
 Nitrobenzene
 Concen: 45.33 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	303248		
123	49.4	35.8	53.8	
65	12.6	10.6	15.8	





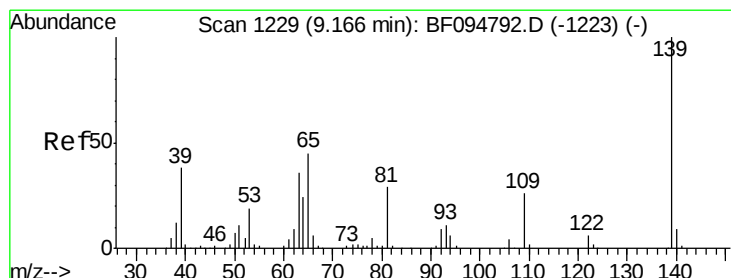
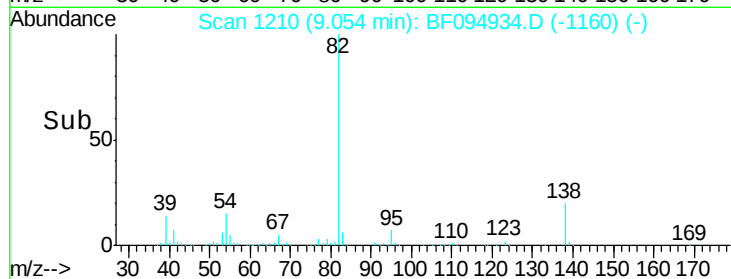
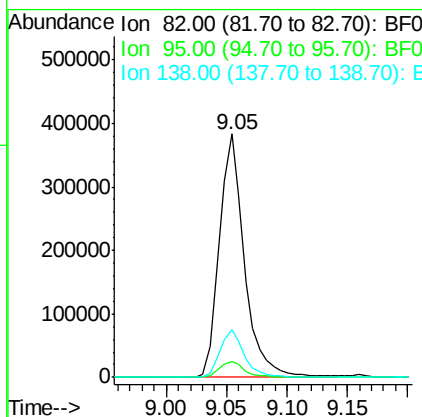
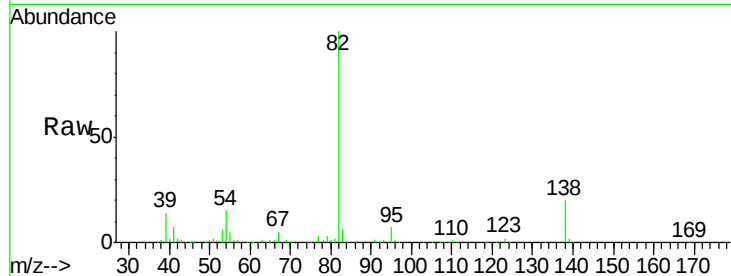
#25
Isophorone
Concen: 48.16 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	548894		
95	6.7	5.3	7.9	
138	19.6	13.1	19.7	

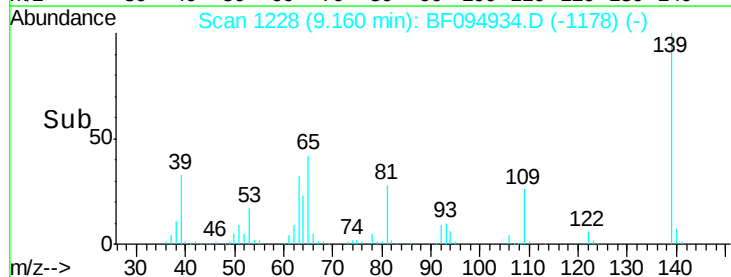
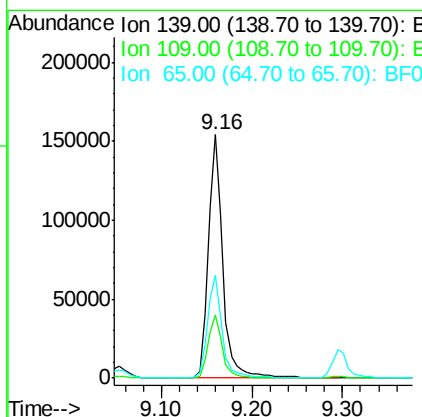
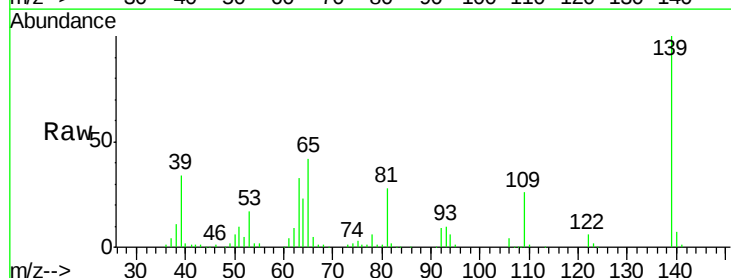
Manual Integrations
APPROVED

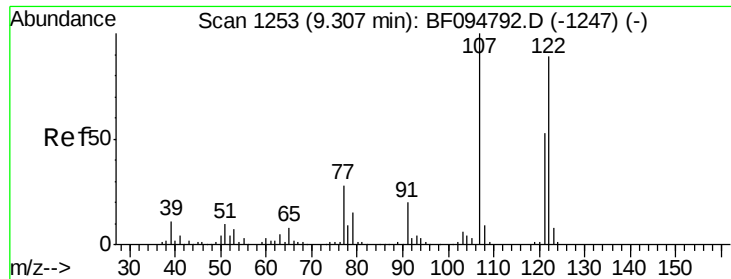
mohammad
5/8/2017 2:48:01 PM



#26
2-Nitrophenol
Concen: 48.36 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	174606		
109	26.0	21.0	31.6	
65	42.4	33.0	49.6	





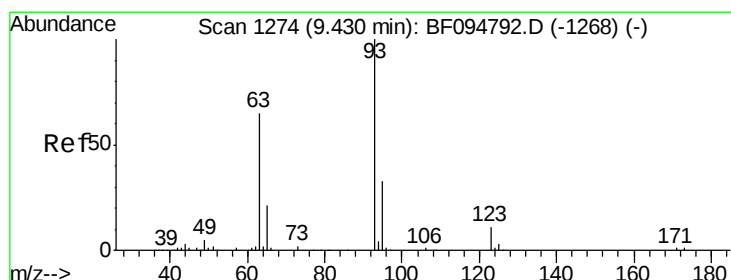
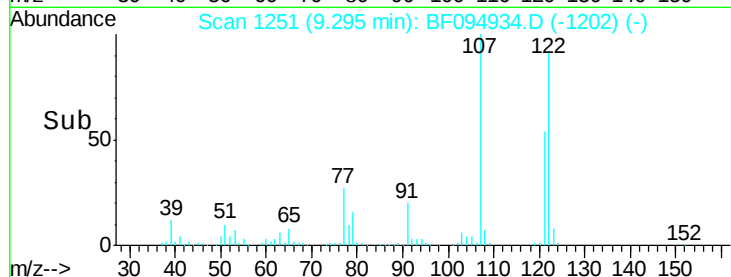
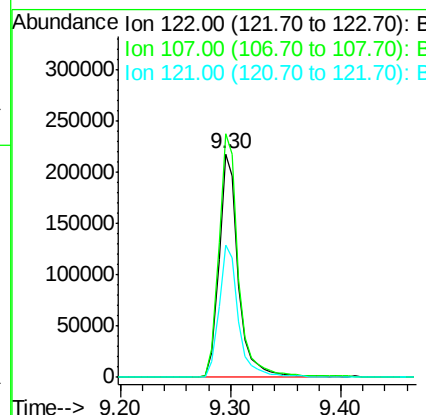
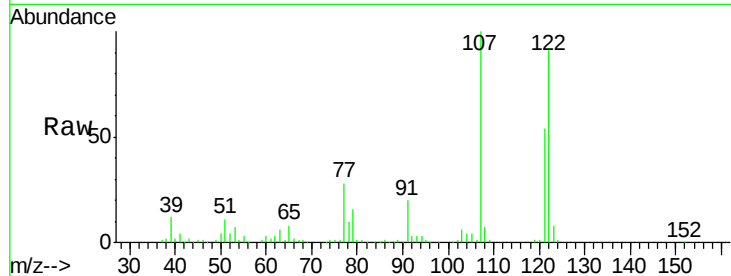
#27
 2,4-Dimethylphenol
 Concen: 44.99 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	262629		
107	109.0	89.2	133.8	
121	59.1	45.2	67.8	

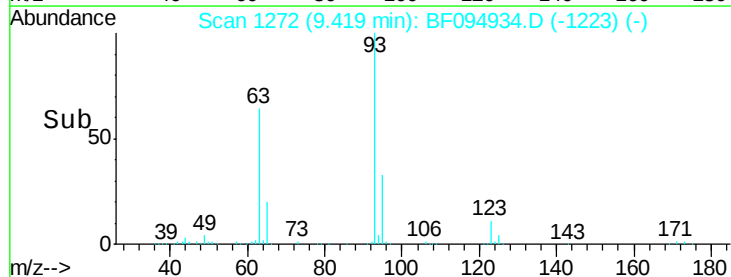
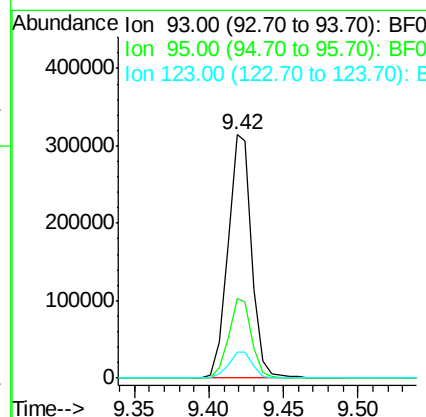
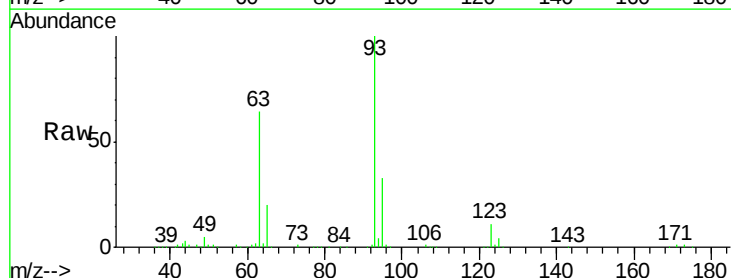
Manual Integrations
 APPROVED

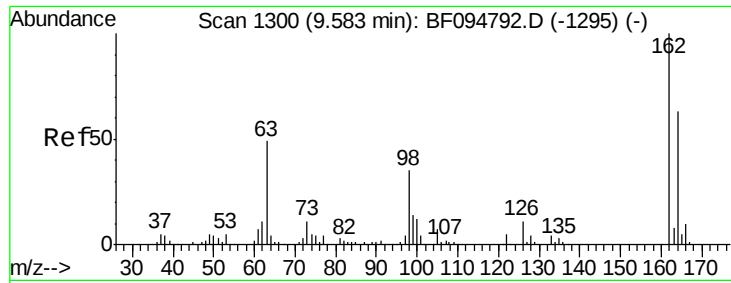
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.78 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	353110		
95	32.7	26.5	39.7	
123	10.8	9.0	13.4	





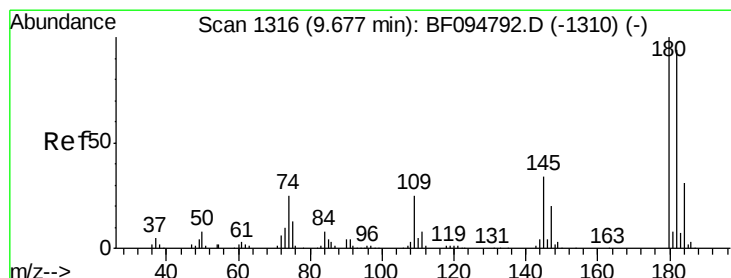
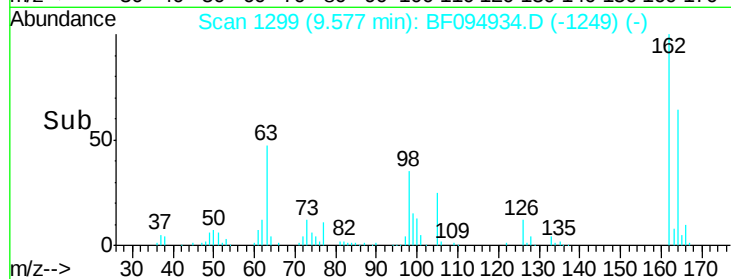
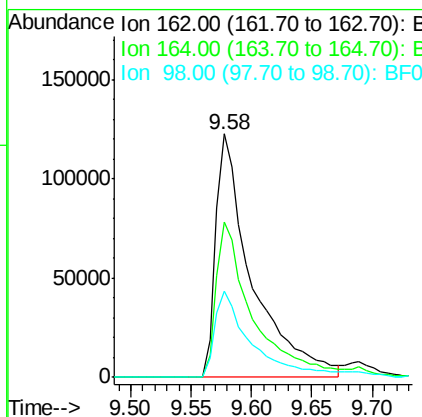
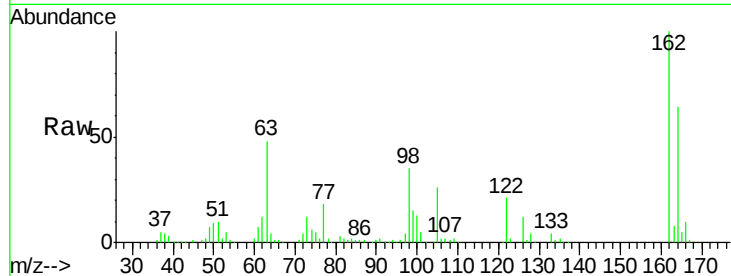
#29
 2,4-Dichlorophenol
 Concen: 46.04 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	253741		
164	63.8	44.6	84.6	
98	35.4	14.8	54.8	

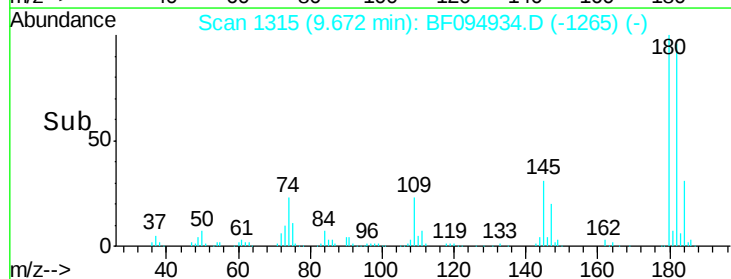
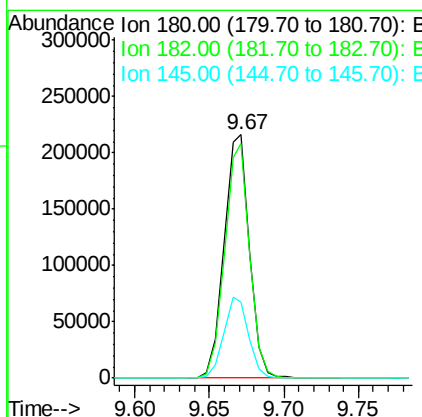
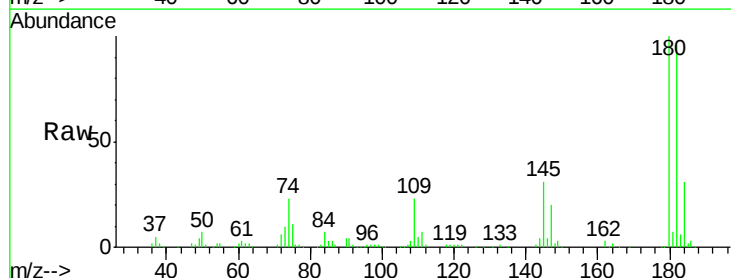
Manual Integrations
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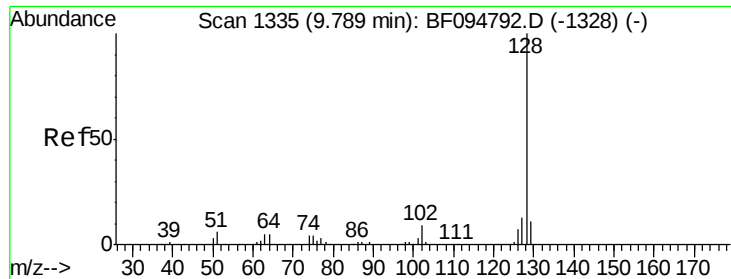
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.80 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258641		
182	96.5	75.8	113.6	
145	31.3	25.3	37.9	





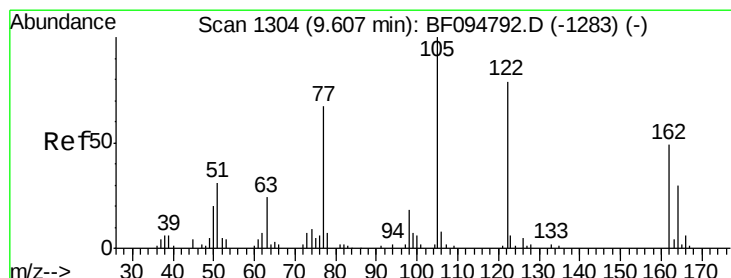
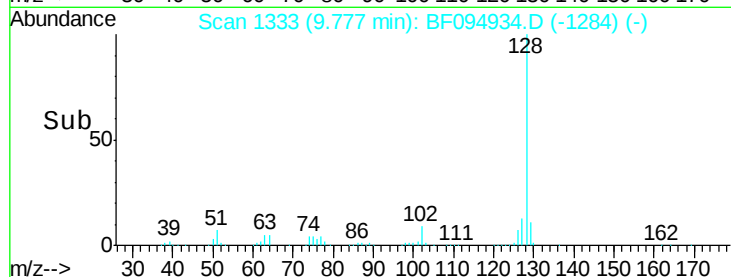
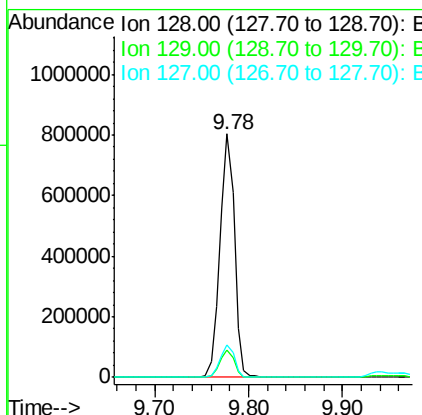
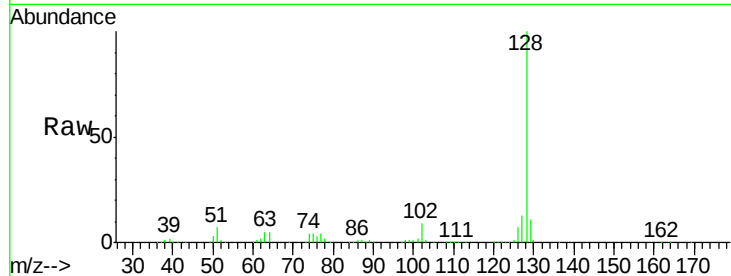
#31
Naphthalene
Concen: 43.06 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	871163		
129	11.1	9.0	13.6	
127	13.4	10.8	16.2	

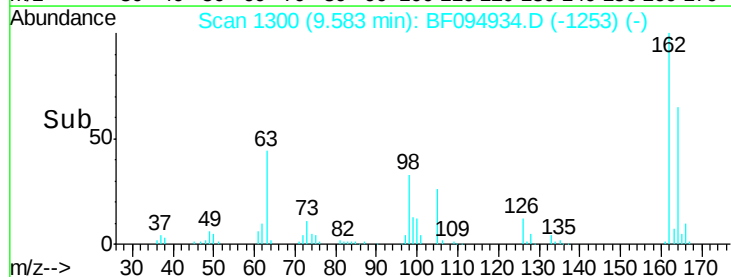
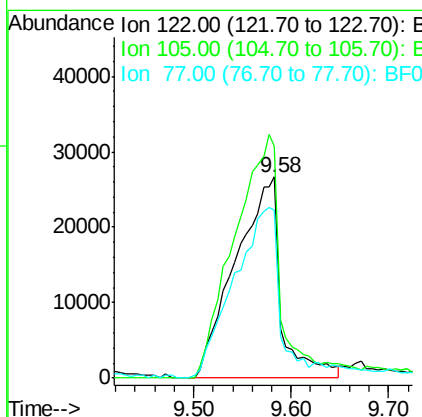
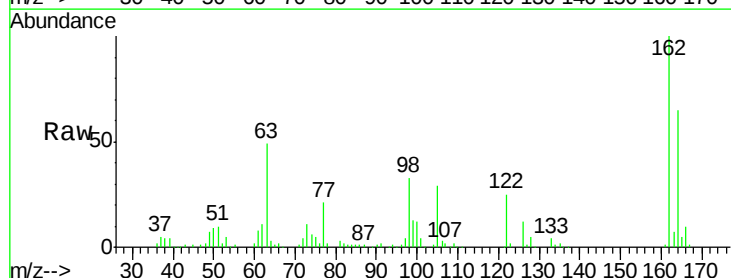
Manual Integrations
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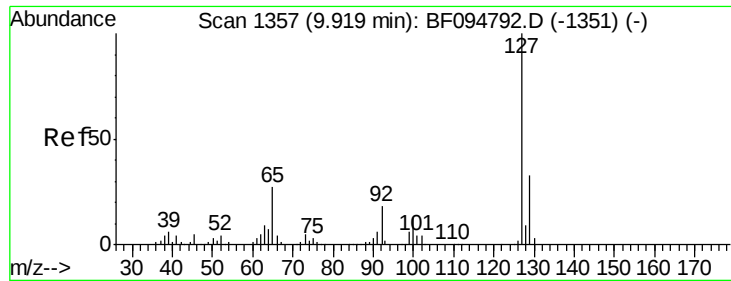
mohammad
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#32
Benzoic acid
Concen: 25.42 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	87192		
105	115.5	103.3	143.3	
77	83.5	73.7	113.7	





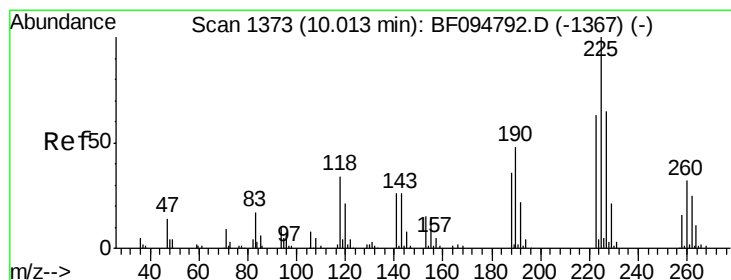
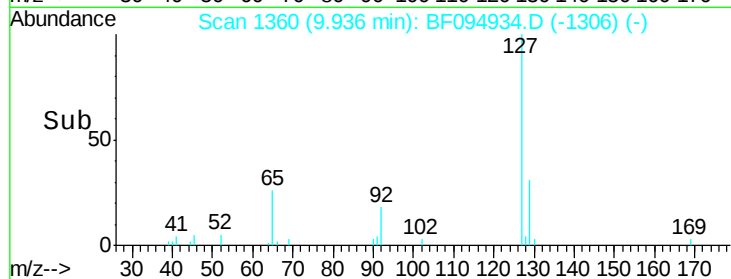
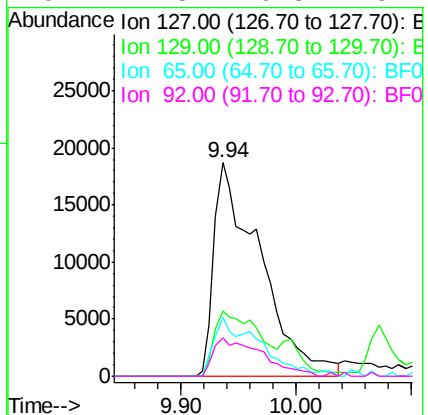
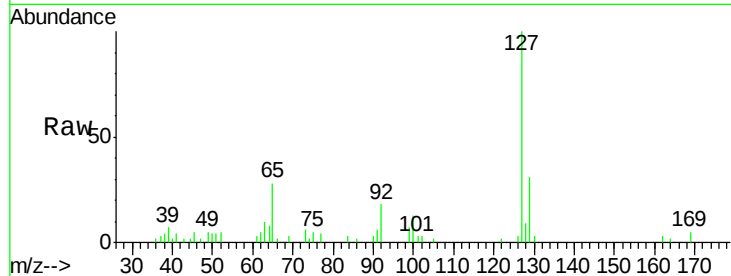
#33
4-Chloroaniline
Concen: 6.89 ng
RT: 9.94 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.2	39.2
65	27.6	27.8	41.8
92	17.8	16.8	25.2

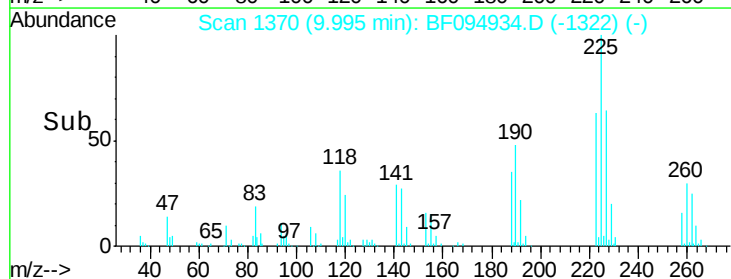
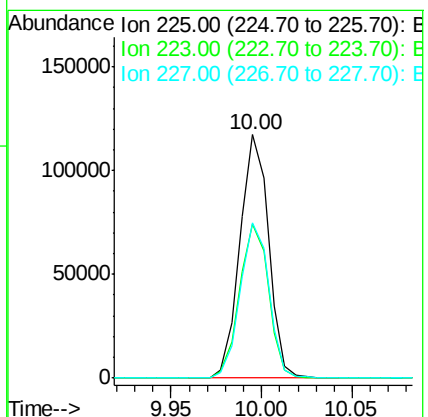
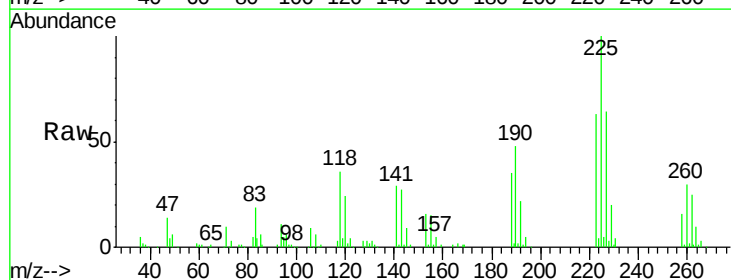
Manual Integrations
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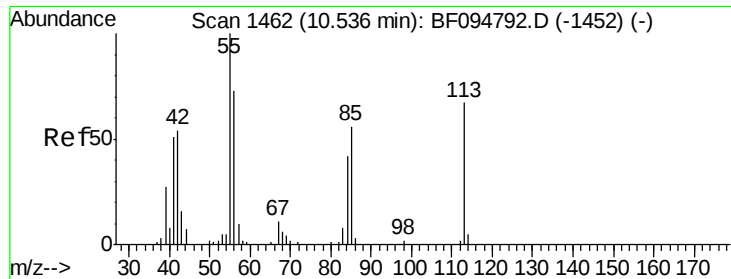
mohammad
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#34
Hexachlorobutadiene
Concen: 41.49 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	63.8	51.1	76.7





#35

Caprolactam

Concen: 47.36 ng m

RT: 10.55 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

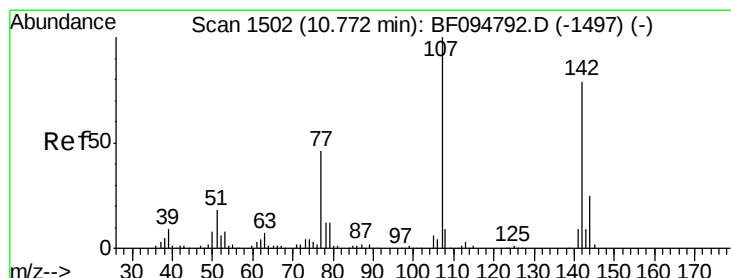
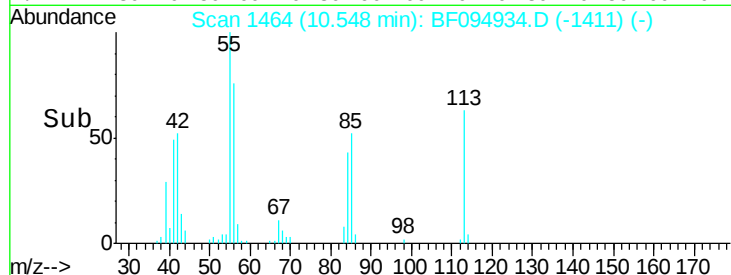
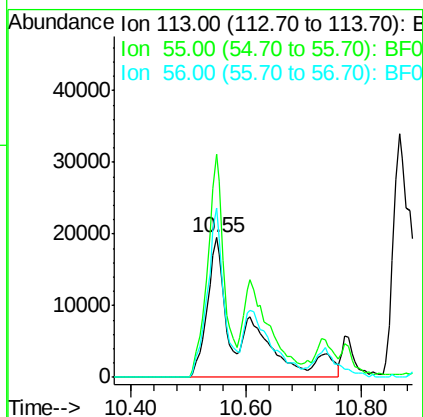
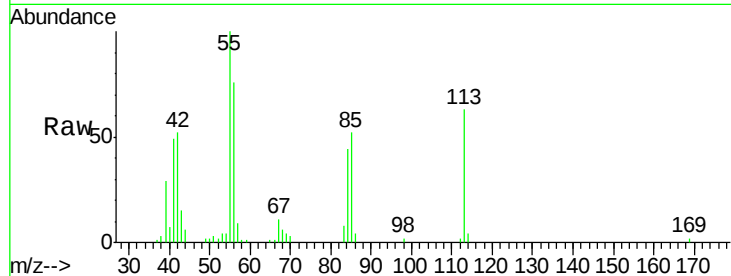
ClientSampleId :

SB-8(13-15)20170502MS

Tgt Ion:	113	Resp:	78370
Ion	Ratio	Lower	Upper
113	100		
55	159.9	150.2	190.2
56	121.2	107.8	147.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.38 ng

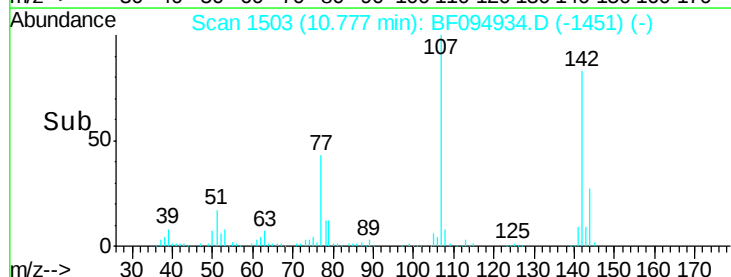
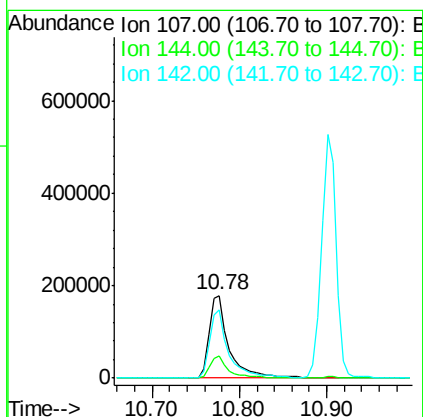
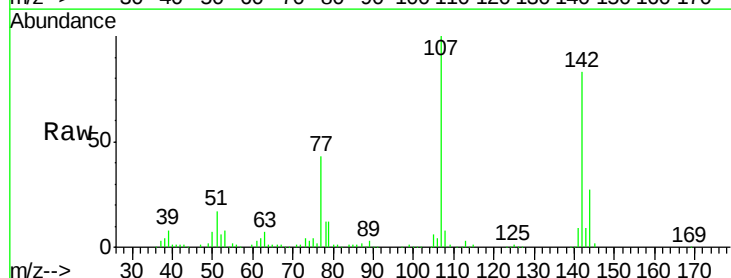
RT: 10.78 min Scan# 1503

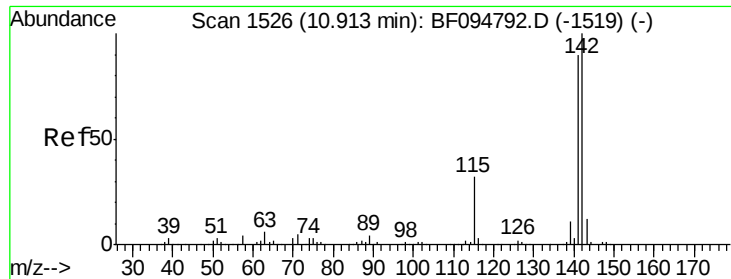
Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	107	Resp:	279176
Ion	Ratio	Lower	Upper
107	100		
144	26.6	24.2	36.4
142	82.9	73.4	110.0





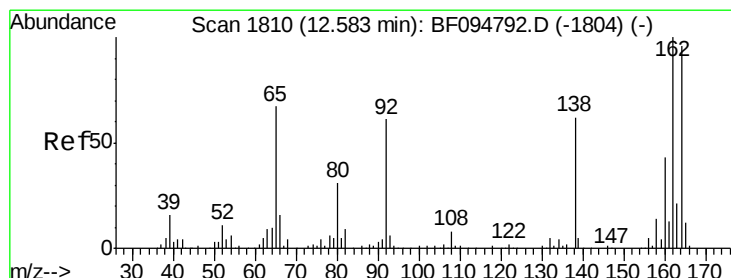
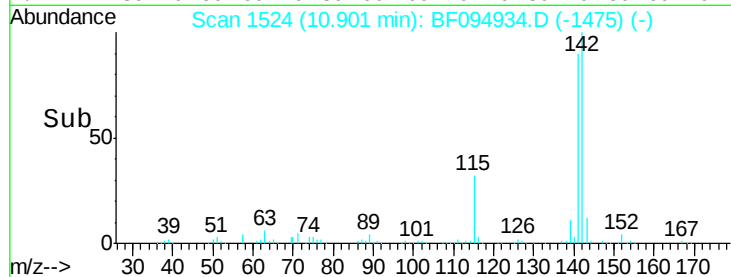
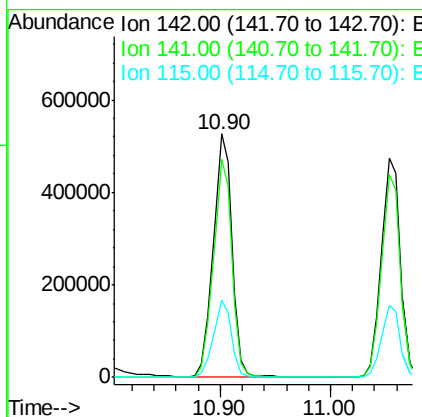
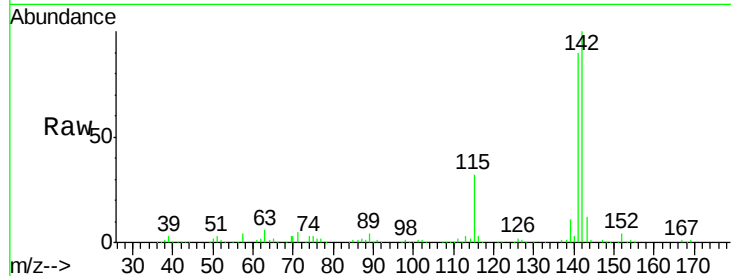
#37
2-Methylnaphthalene
Concen: 46.12 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	32.0	27.1	40.7

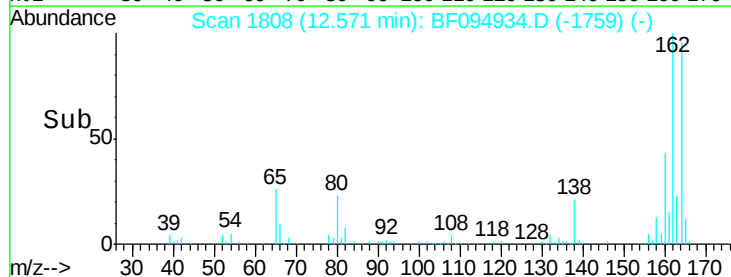
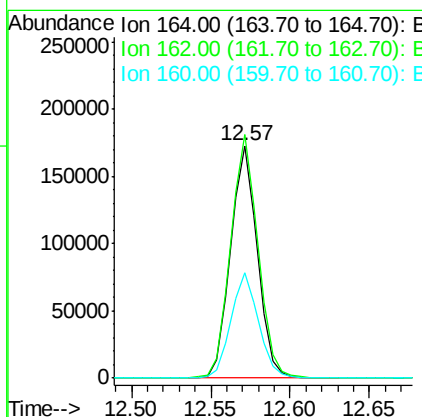
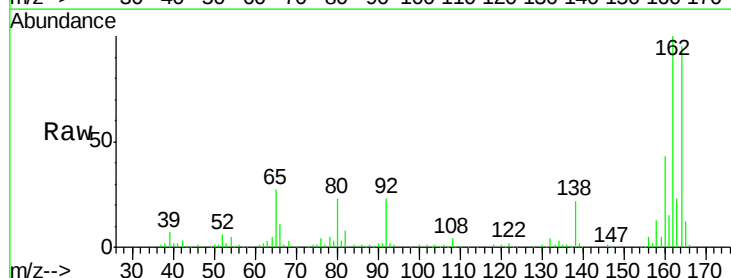
Manual Integrations
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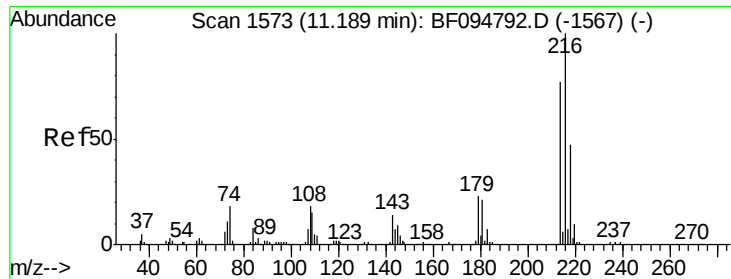
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.2	36.2	54.2





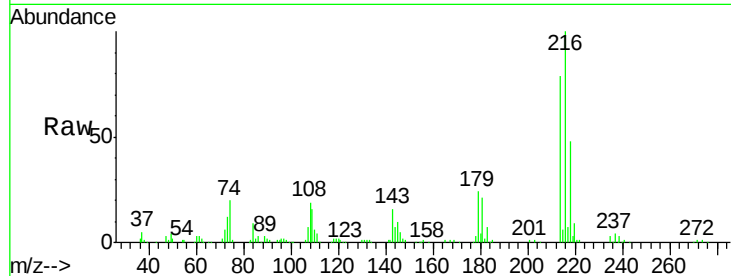
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.50 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

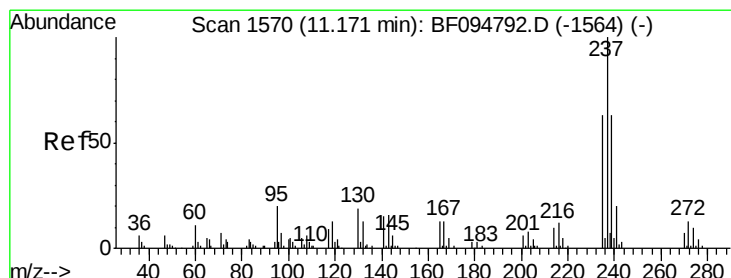
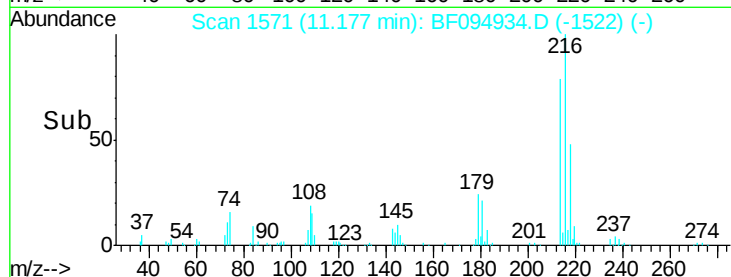
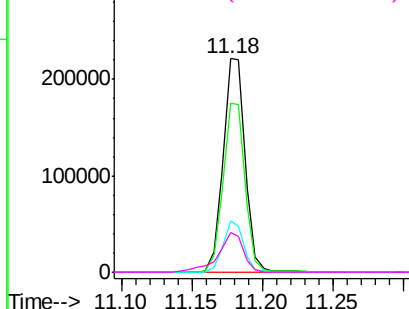
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	239222		
214	79.6	63.4	95.2	
179	22.3	17.9	26.9	
108	21.0	16.5	24.7	

Manual Integrations
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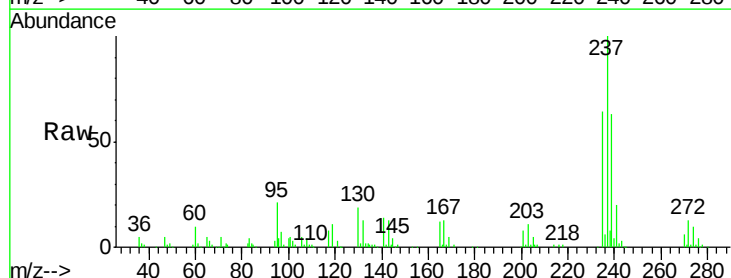


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

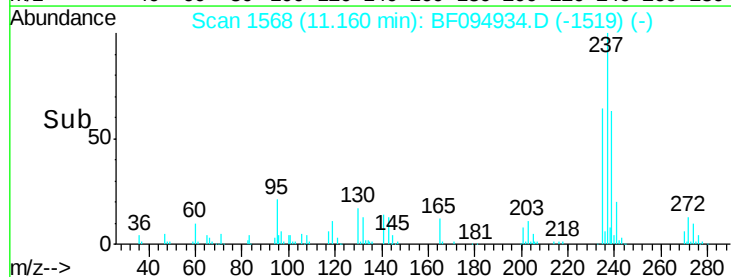
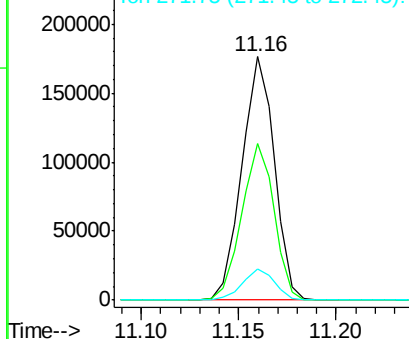


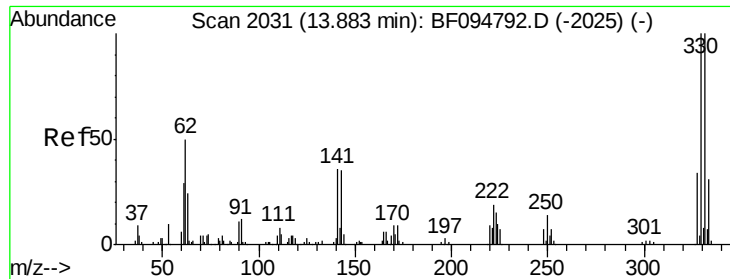
#40
 Hexachlorocyclopentadiene
 Concen: 78.01 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	203372		
235	64.3	42.6	82.6	
272	12.8	0.0	31.9	



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





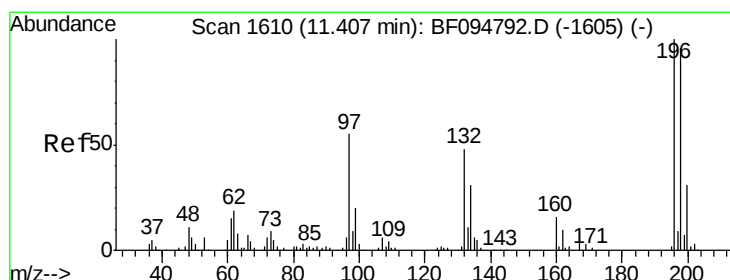
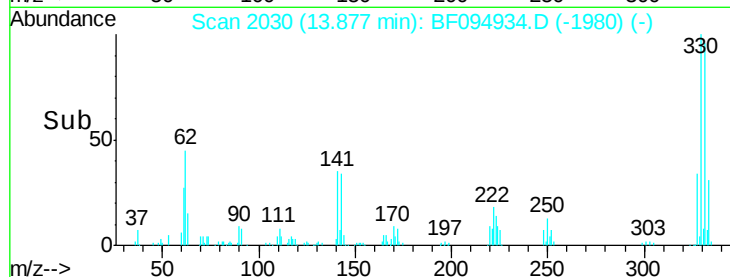
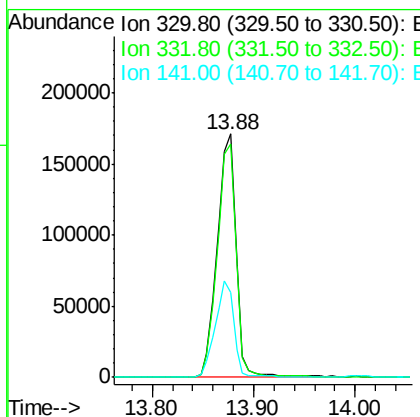
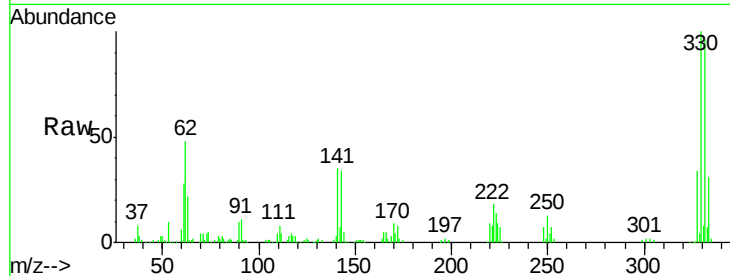
#41
 2,4,6-Tribromophenol
 Concen: 134.42 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	222437		
332	96.1	76.6	115.0	
141	39.8	31.4	47.2	

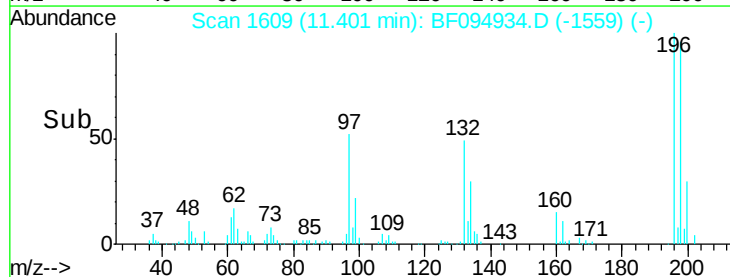
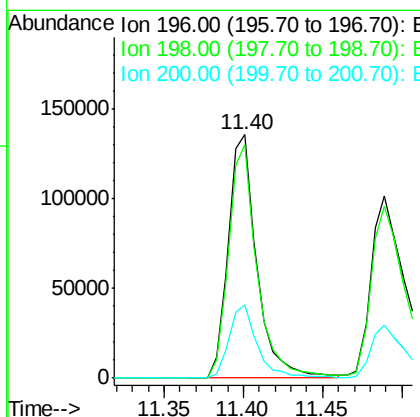
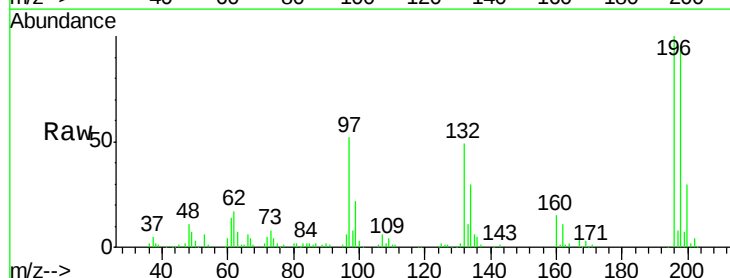
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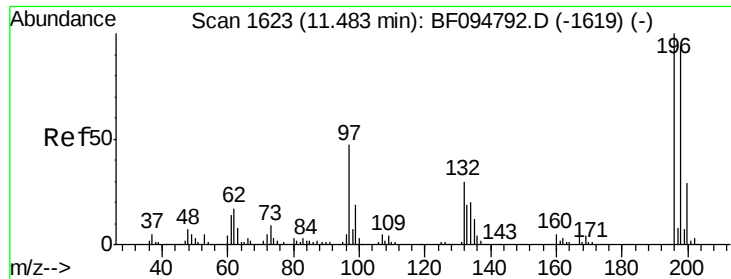
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170119		
198	96.0	74.2	111.4	
200	30.2	24.0	36.0	





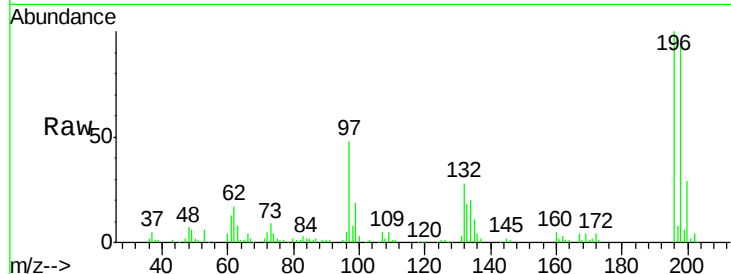
#43
 2,4,5-Trichlorophenol
 Concen: 40.79 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181903		
198	94.5	75.7	113.5	
97	48.2	47.7	71.5	
132	28.4	28.0	42.0	

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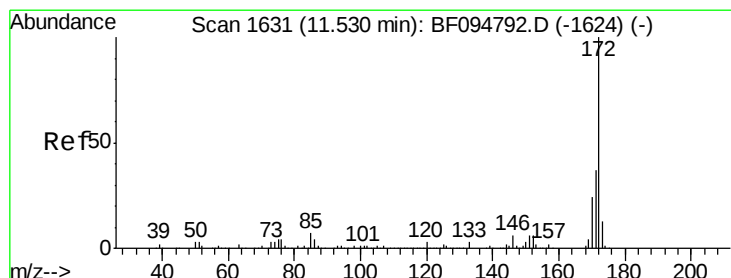
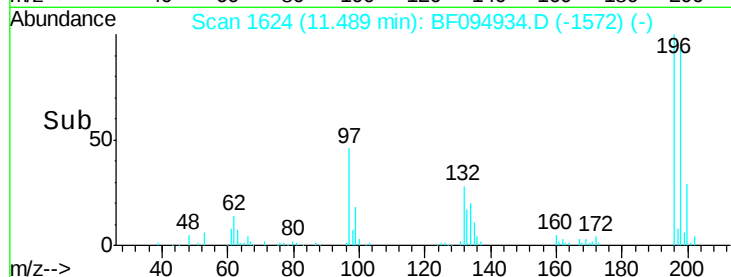
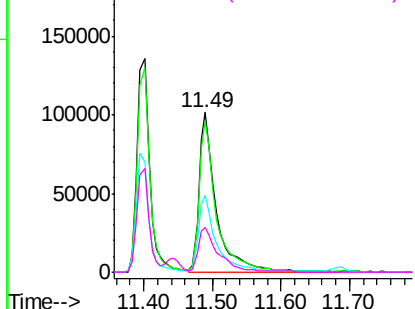
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.55 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

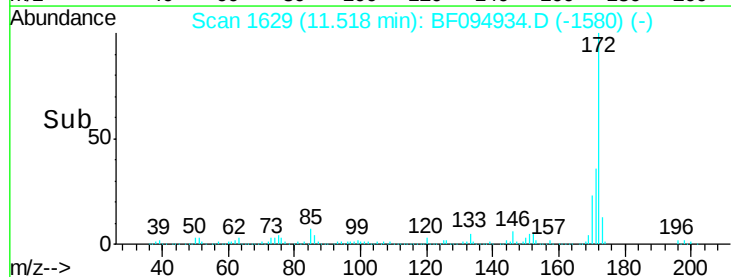
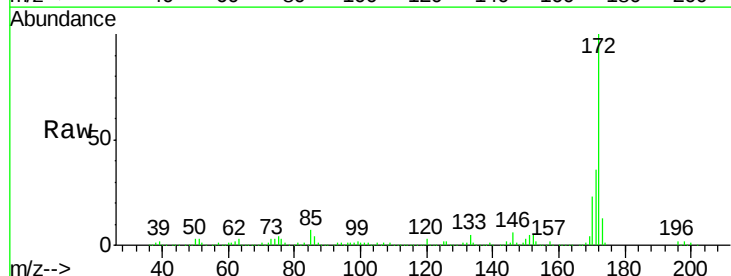
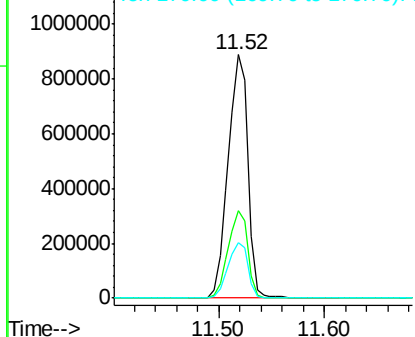
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1144867		
171	35.9	29.6	44.4	
170	22.9	19.8	29.8	

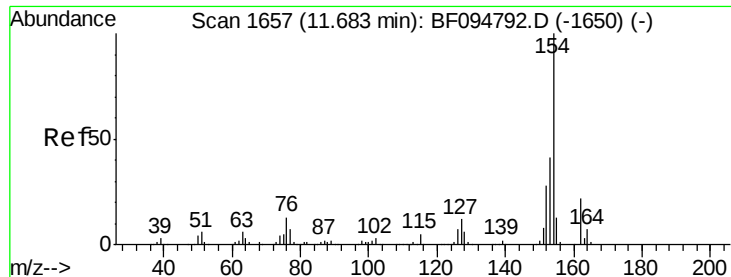
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





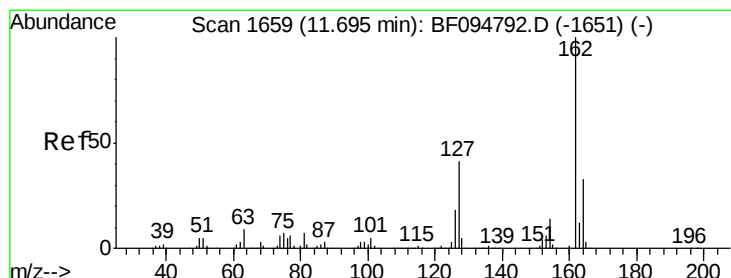
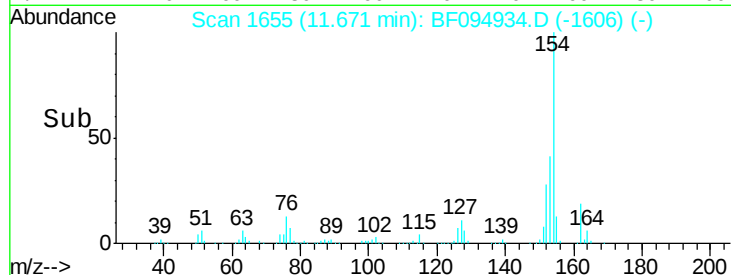
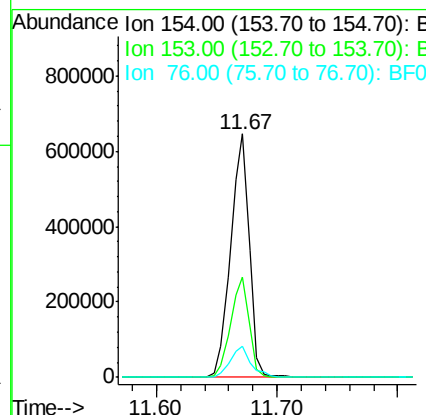
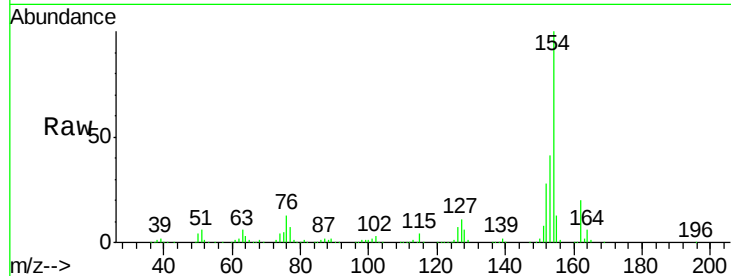
#45
 1,1'-Biphenyl
 Concen: 40.62 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion:	154	Resp:	691041
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.2	61.2
76	12.5	0.0	29.9

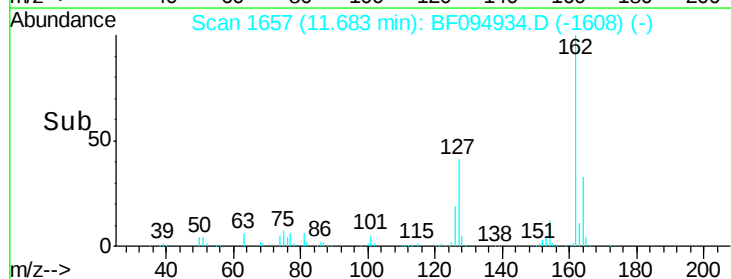
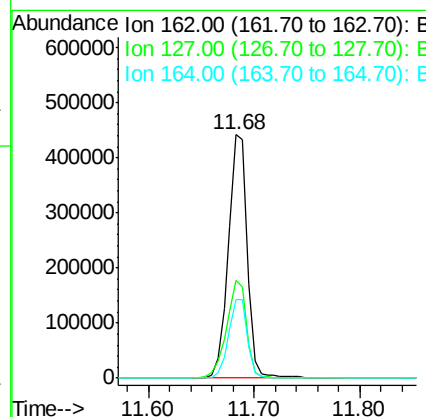
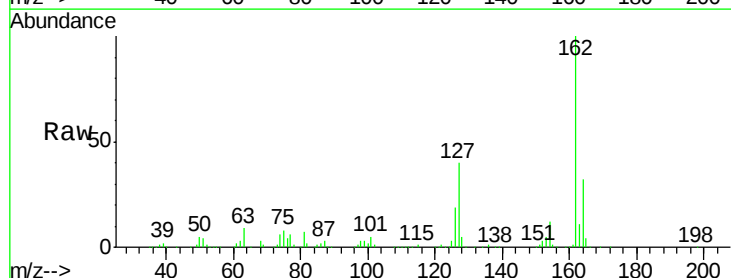
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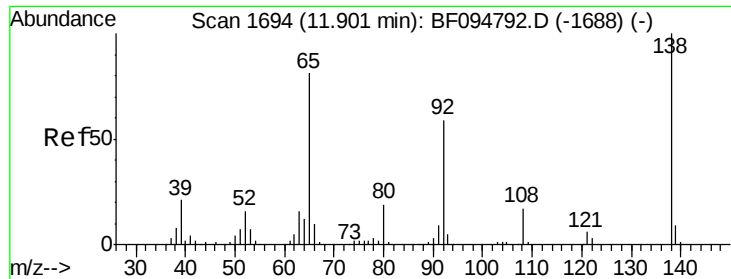
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#46
 2-Chloronaphthalene
 Concen: 39.92 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:	162	Resp:	548420
Ion Ratio	Lower	Upper	
162	100		
127	40.0	28.3	42.5
164	32.4	27.0	40.4





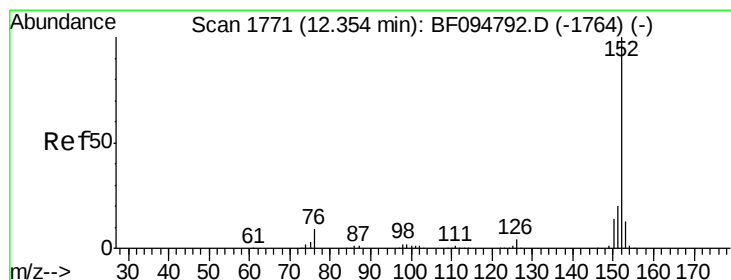
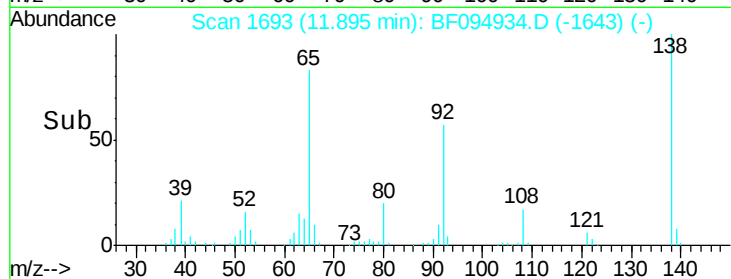
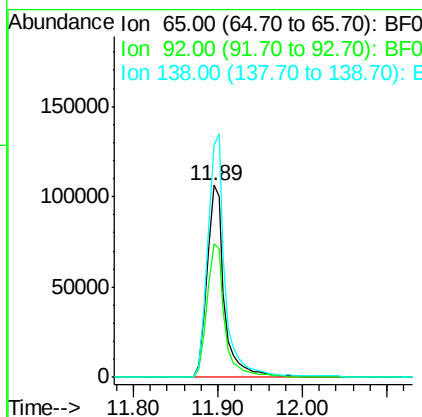
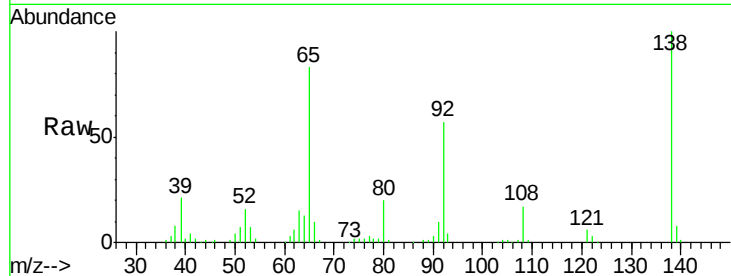
#47
2-Nitroaniline
Concen: 40.97 ng
RT: 11.89 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.9	80.9
138	120.8	78.8	118.2

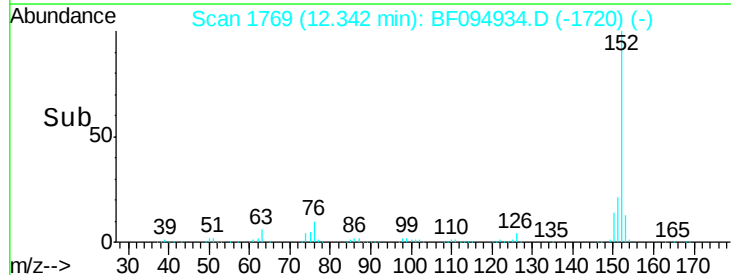
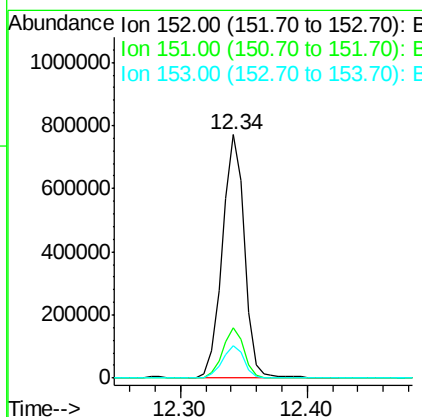
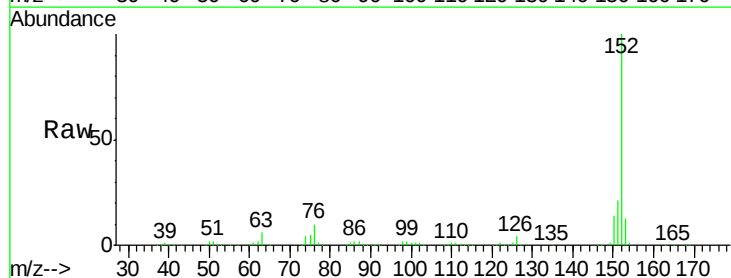
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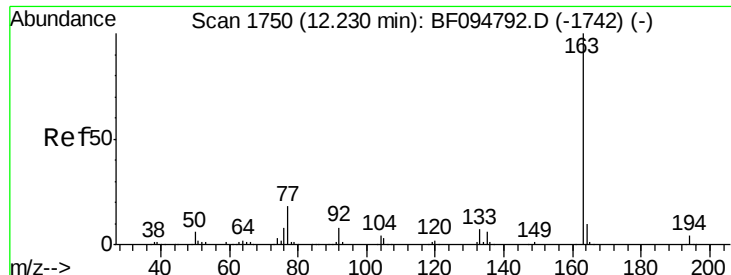
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#48
Acenaphthylene
Concen: 43.38 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.4	10.8	16.2





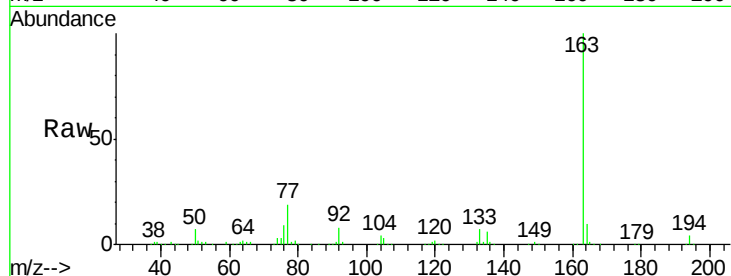
#49
Dimethylphthalate
Concen: 53.89 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

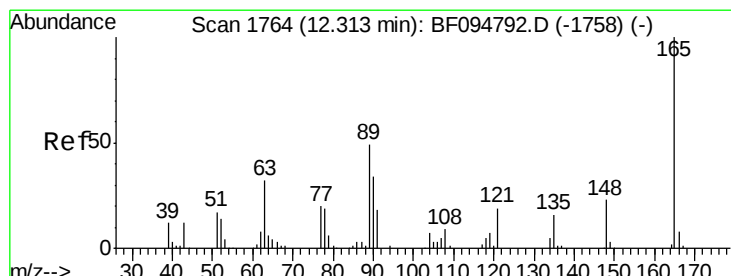
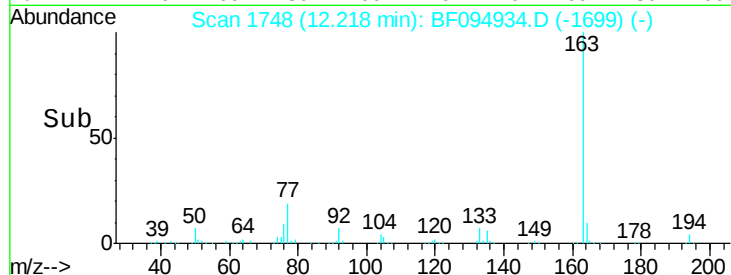
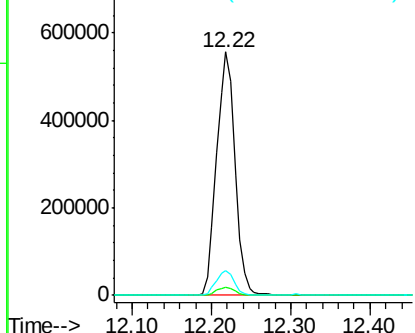
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	893980		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

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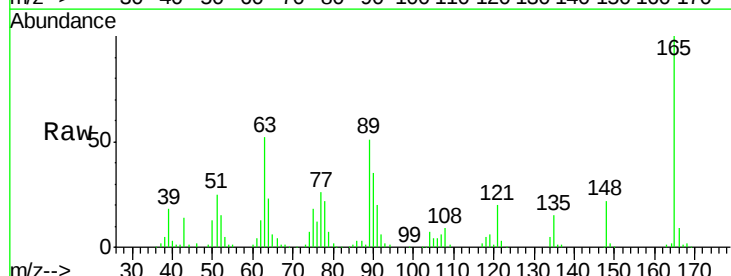


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

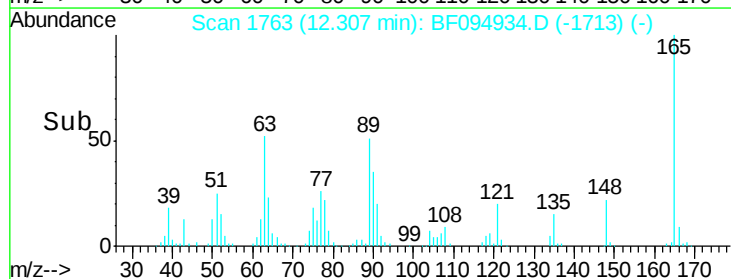
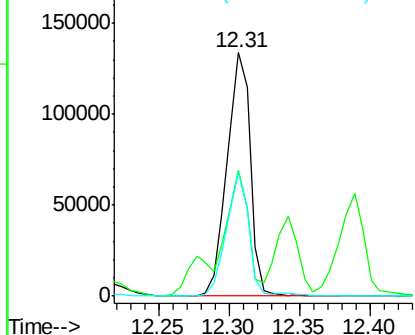


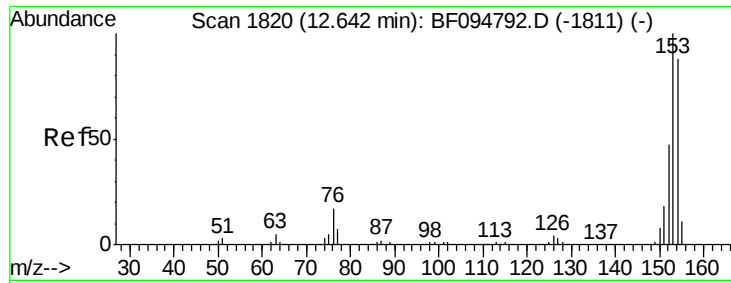
#50
2,6-Dinitrotoluene
Concen: 45.49 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153938		
63	51.7	34.3	51.5#	
89	50.8	37.1	55.7	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.20 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

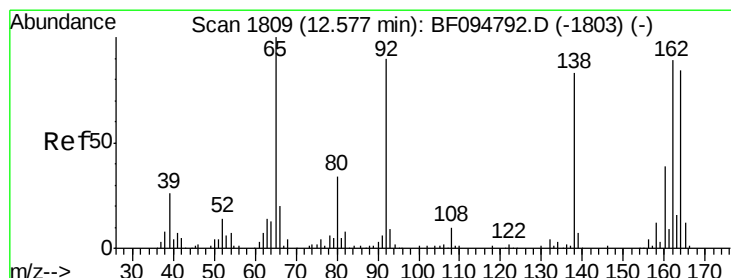
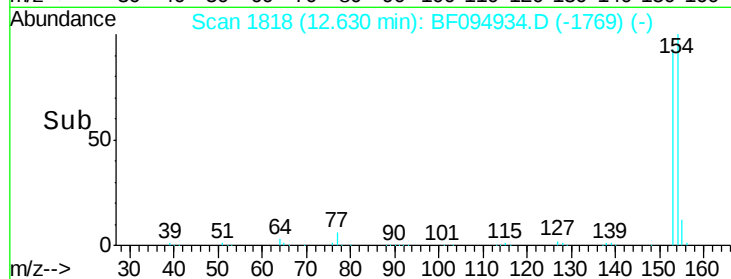
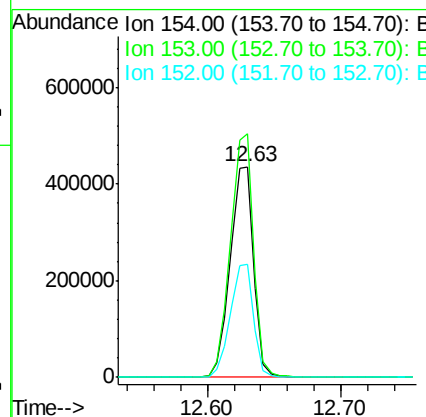
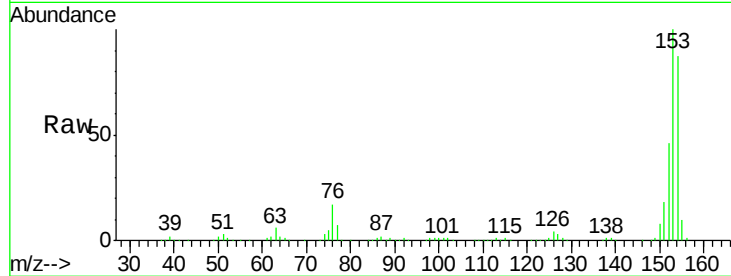
ClientSampleId :

SB-8(13-15)20170502MS

Tgt Ion:	154	Resp:	542339
Ion Ratio	Lower	Upper	
154	100		
153	115.5	90.5	135.7
152	53.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.92 ng

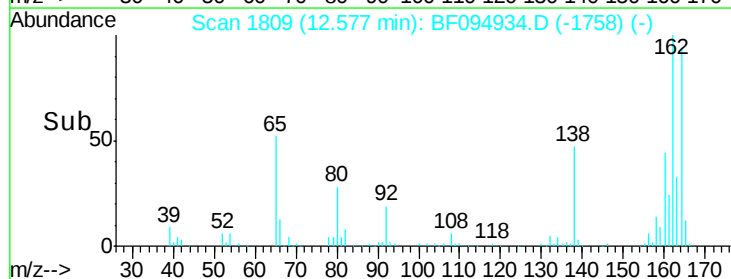
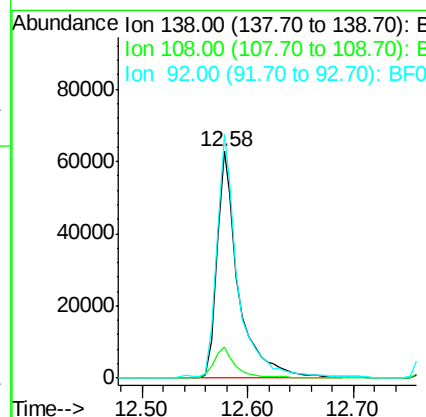
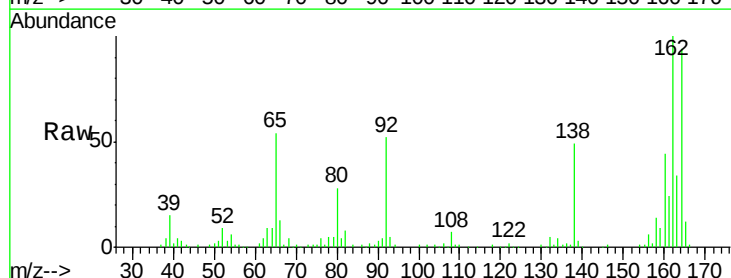
RT: 12.58 min Scan# 1809

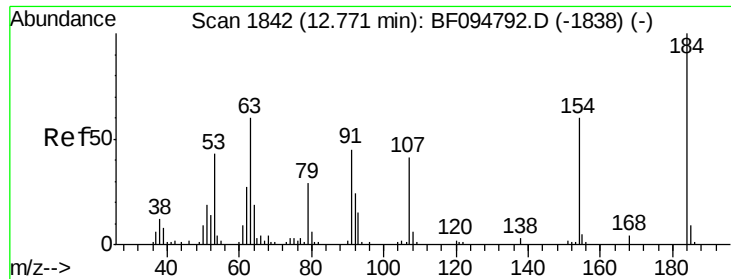
Delta R.T. -0.00 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	138	Resp:	90533
Ion Ratio	Lower	Upper	
138	100		
108	13.5	9.1	13.7
92	107.3	93.8	140.6





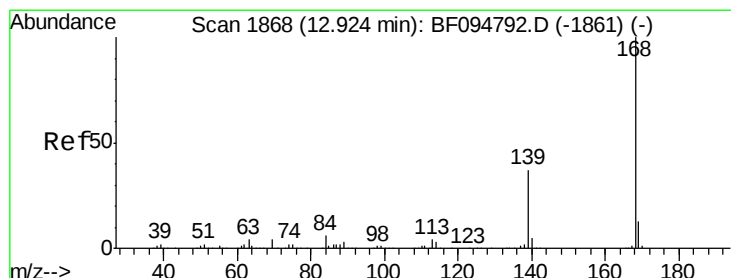
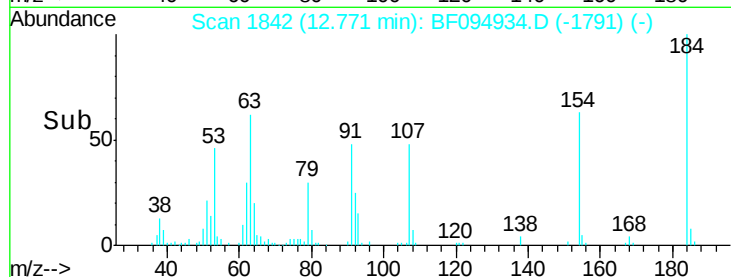
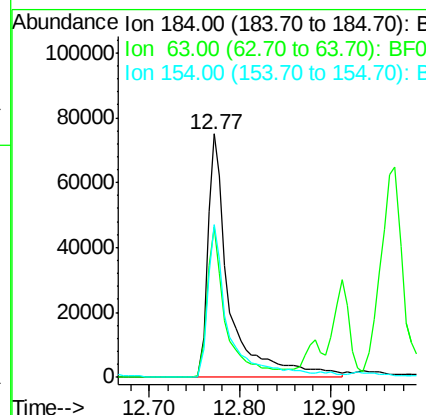
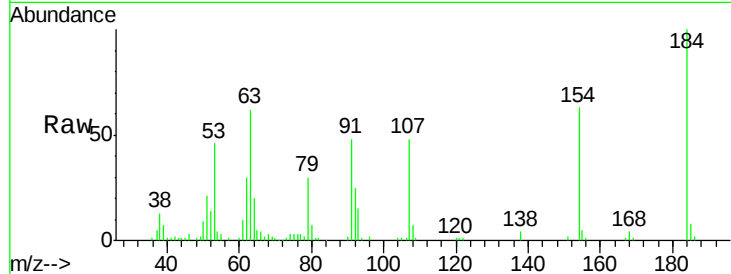
#53
 2,4-Dinitrophenol
 Concen: 68.05 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	124965		
63	61.9	62.7	94.1#	
154	62.5	81.1	121.7#	

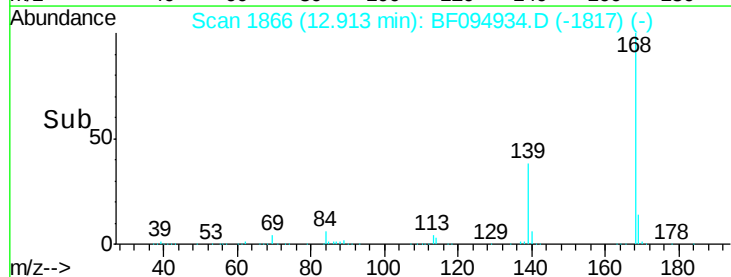
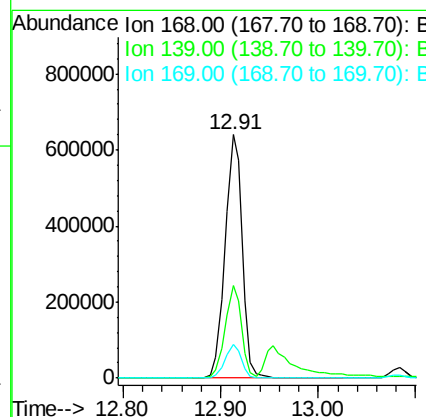
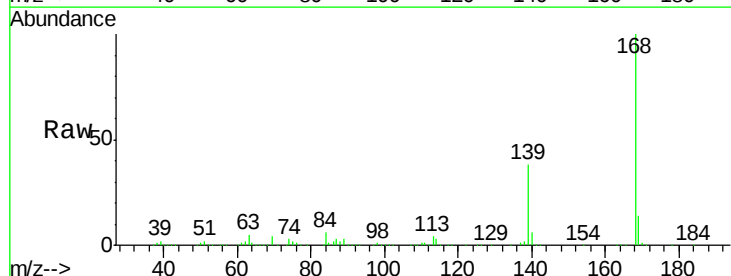
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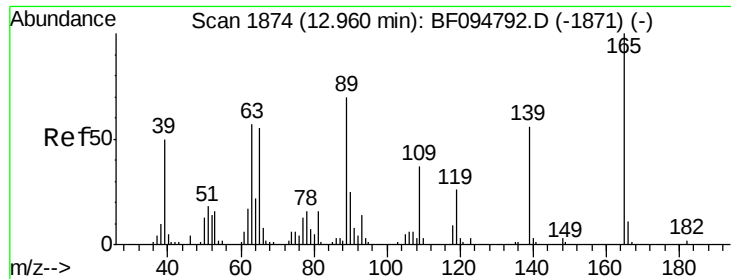
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#54
 Dibenzofuran
 Concen: 43.79 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	778829		
139	38.2	30.6	45.8	
169	13.7	10.8	16.2	





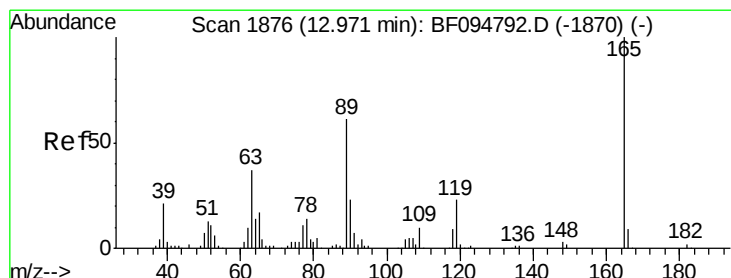
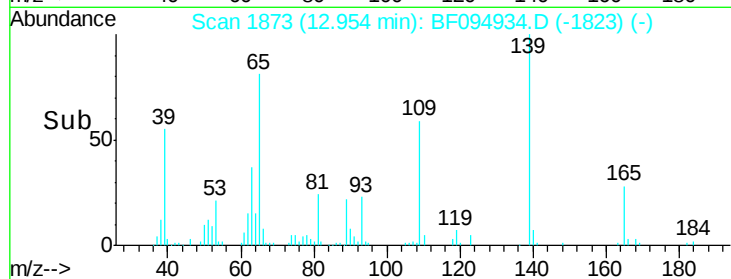
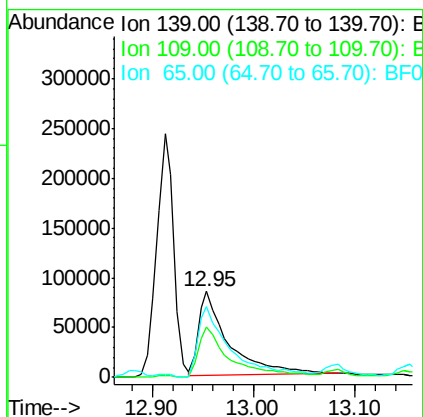
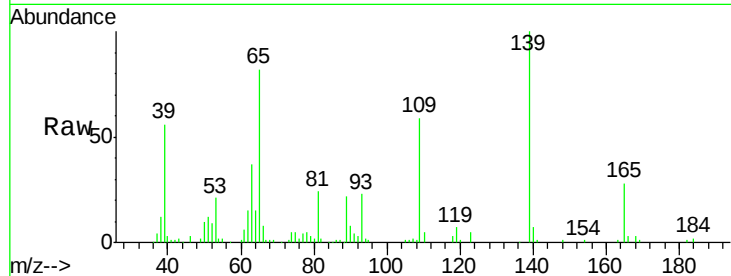
#55
4-Nitrophenol
Concen: 79.89 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	174287		
109	59.1	34.1	74.1	
65	82.1	31.4	71.4	#

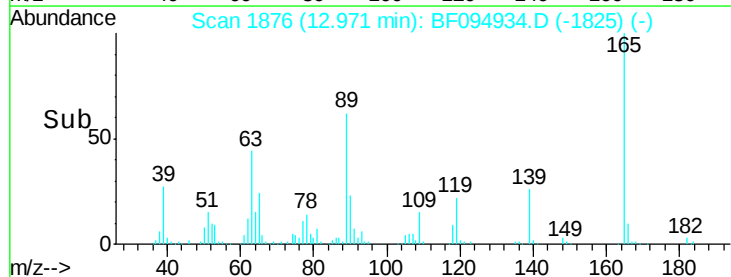
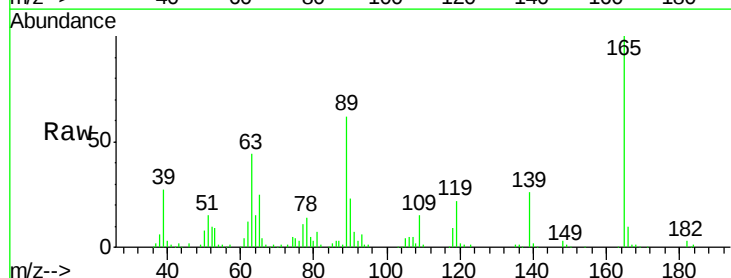
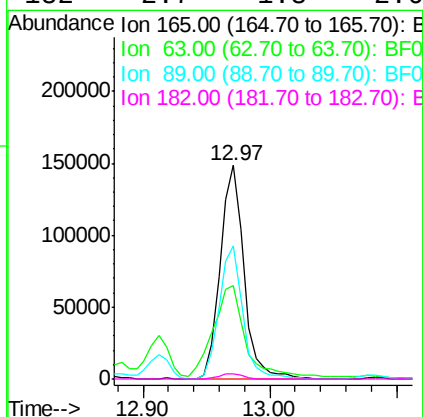
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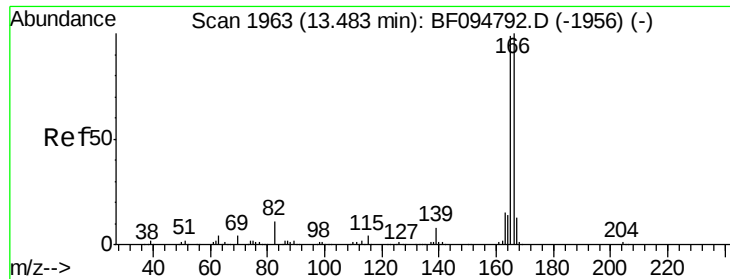
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.59 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	193904		
63	43.8	25.4	38.0	#
89	62.1	46.4	69.6	
182	2.7	1.8	2.6	#





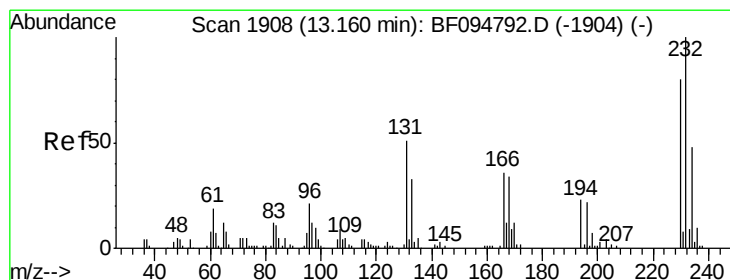
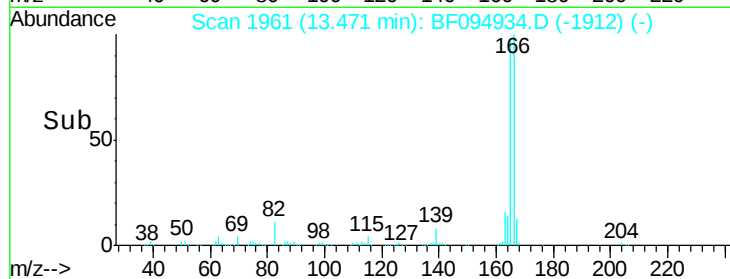
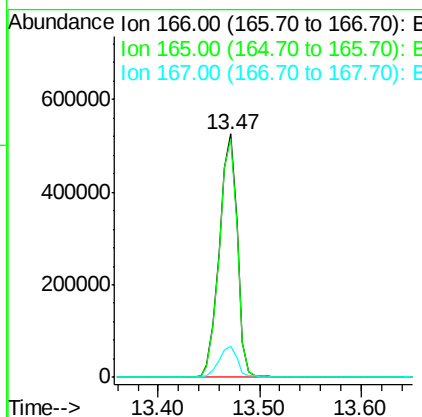
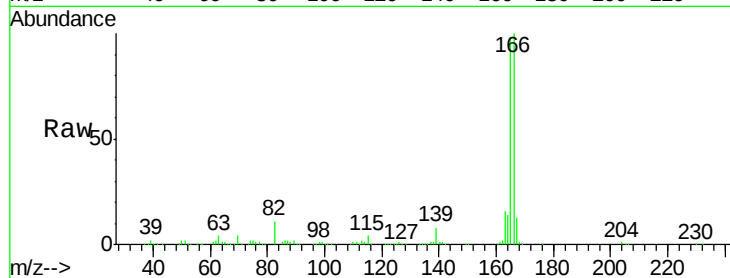
#57
Fluorene
 Concen: 41.69 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	644665		
165	98.1	78.8	118.2	
167	12.9	10.6	16.0	

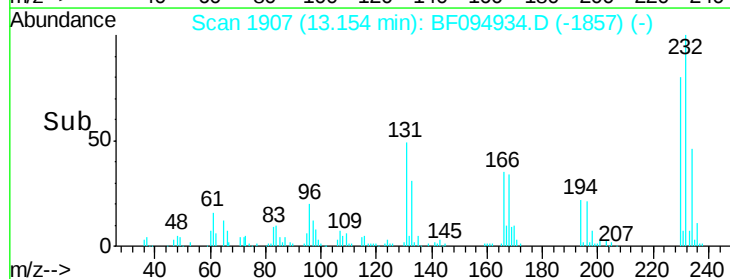
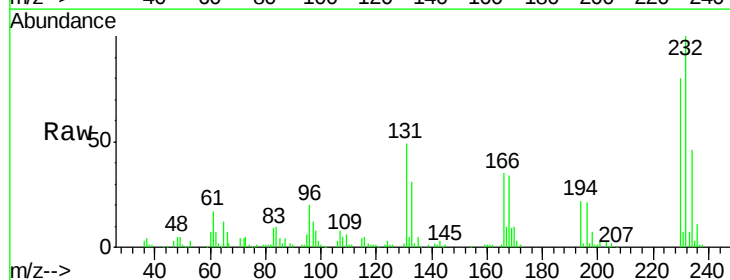
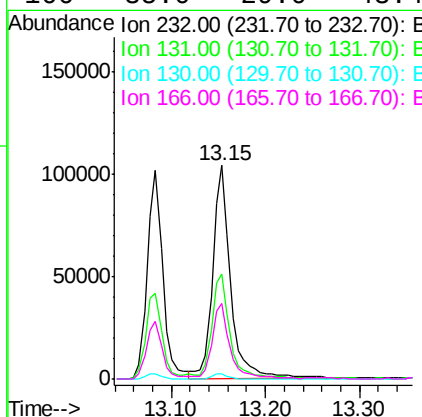
Manual Integrations
 APPROVED

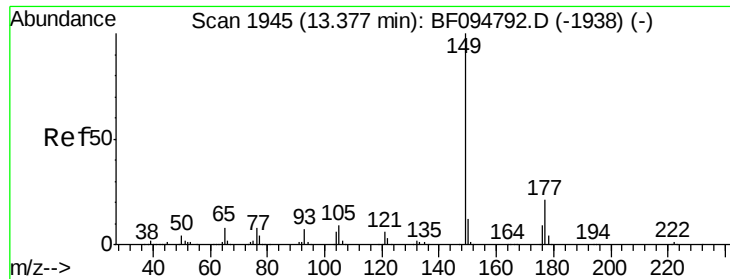
mohammad
 5/8/2017 2:48:01 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.37 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	138544		
131	50.3	44.8	67.2	
130	2.2	2.3	3.5	
166	35.0	29.0	43.4	





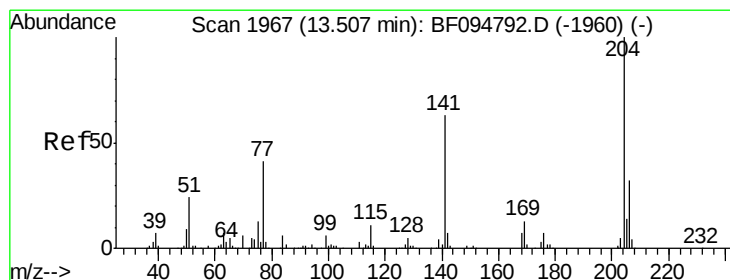
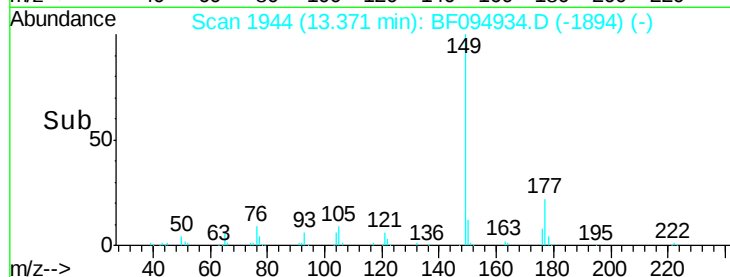
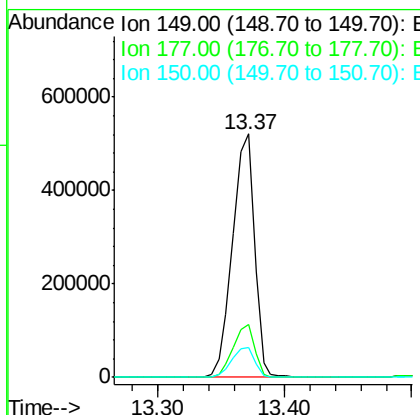
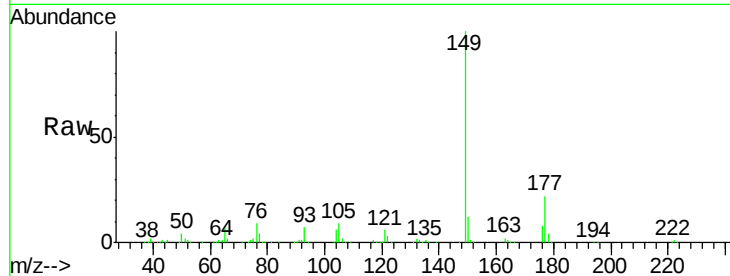
#59
Diethylphthalate
Concen: 39.37 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	625905		
177	21.5	16.7	25.1	
150	12.3	10.2	15.2	

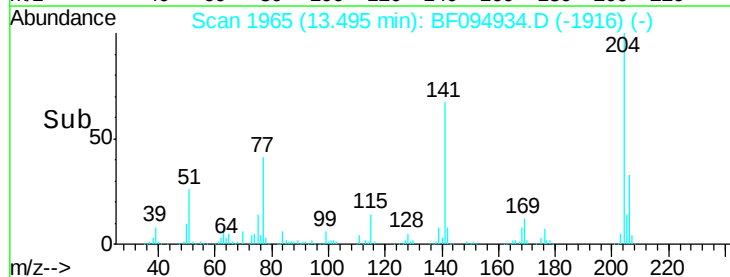
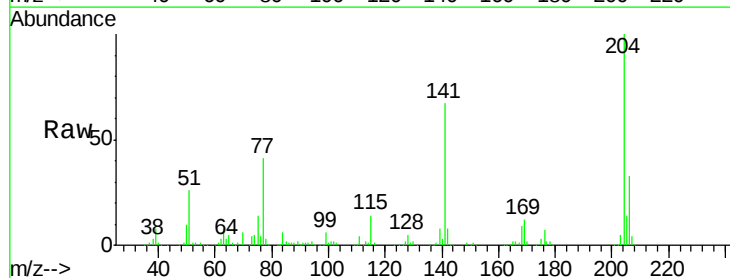
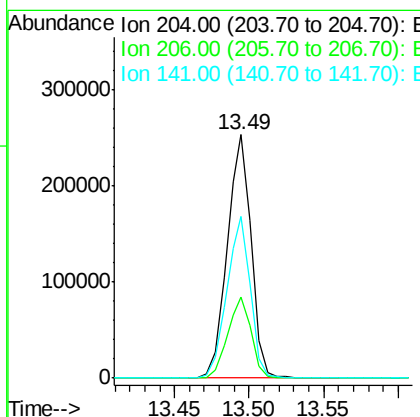
Manual Integrations
APPROVED

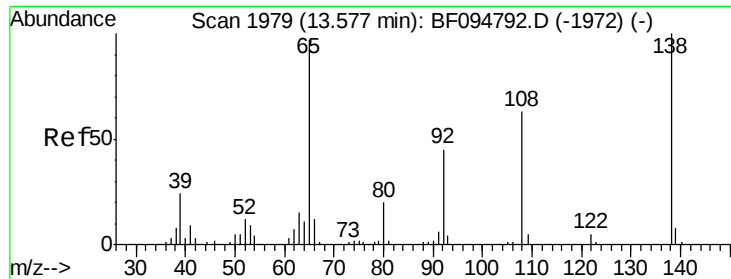
mohammad
5/8/2017 2:48:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.87 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	284574		
206	33.3	26.2	39.2	
141	66.6	60.8	91.2	





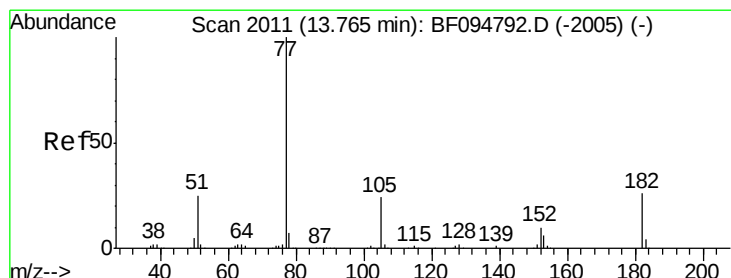
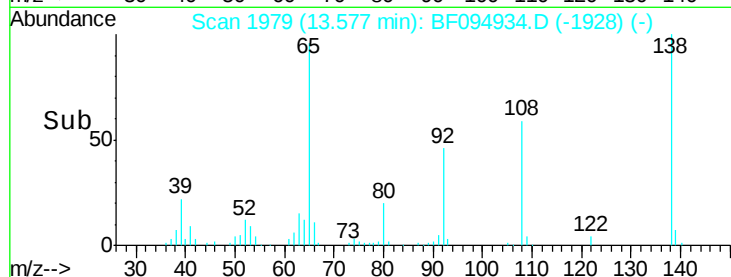
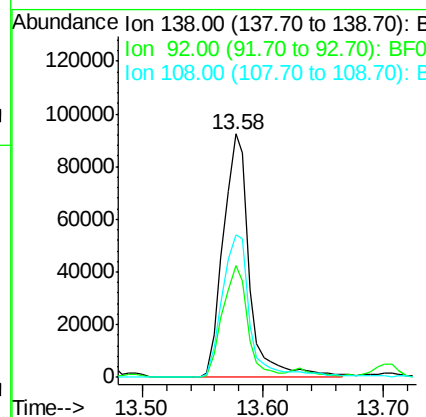
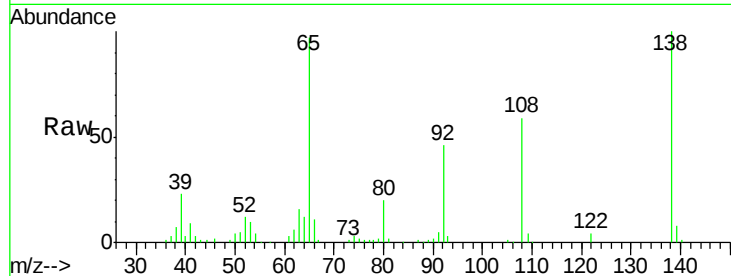
#61
4-Nitroaniline
Concen: 41.76 ng
RT: 13.58 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	21.8	61.8
108	58.5	42.3	82.3

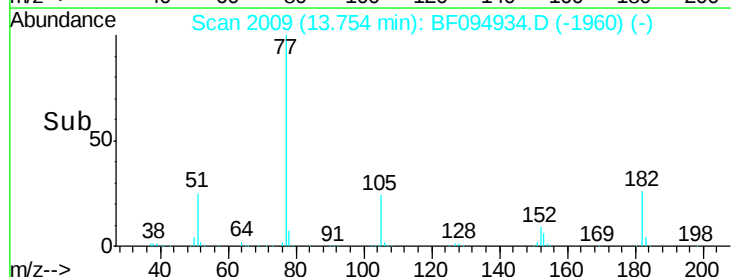
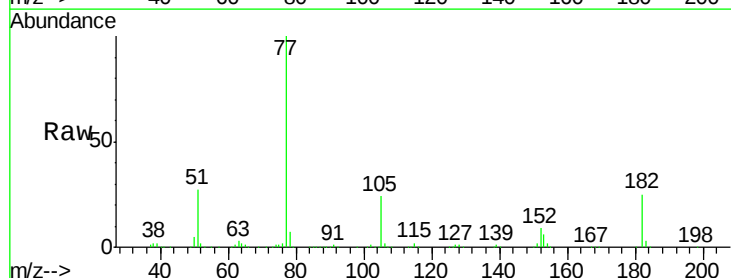
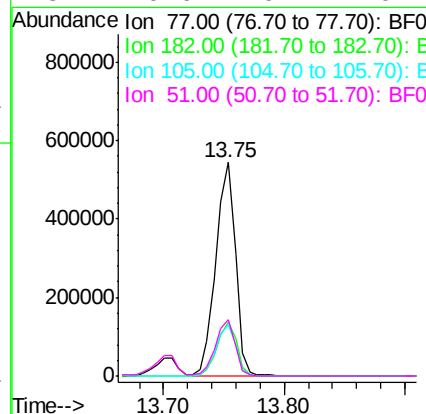
Manual Integrations
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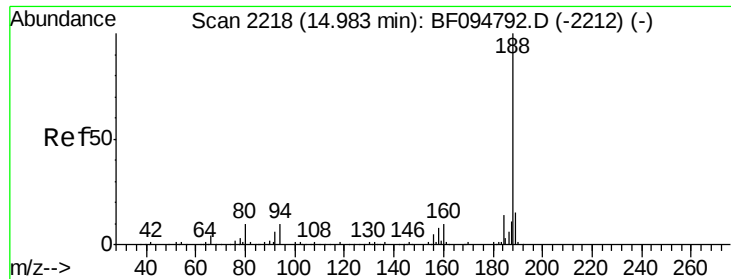
mohammad
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#62
Azobenzene
Concen: 47.84 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.1	40.1
105	23.9	3.6	43.6
51	26.6	9.4	49.4





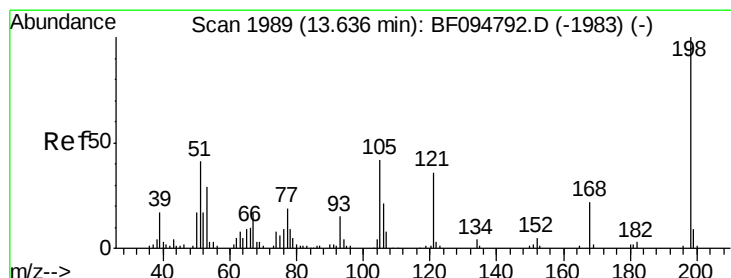
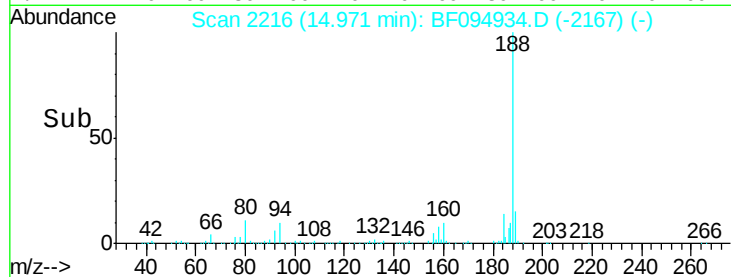
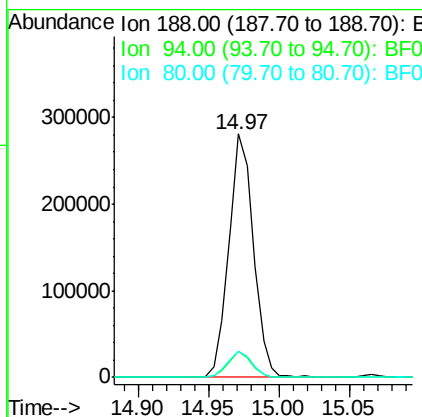
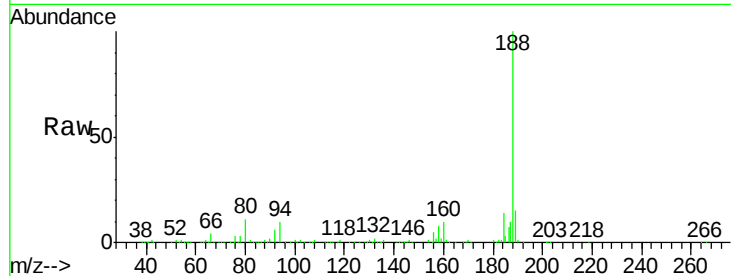
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	341779		
94	10.5		9.4	14.2
80	10.8		10.2	15.2

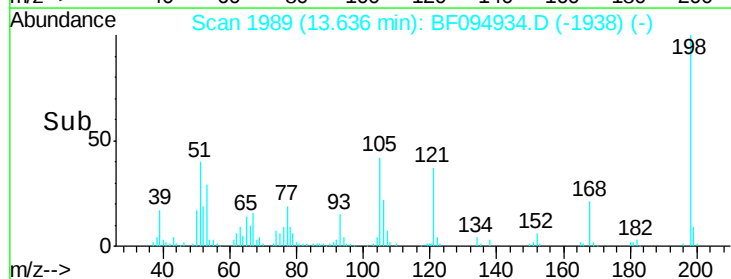
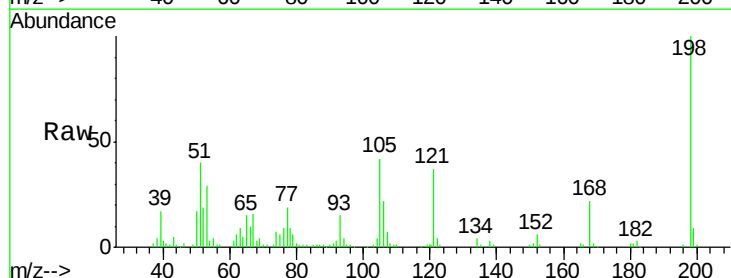
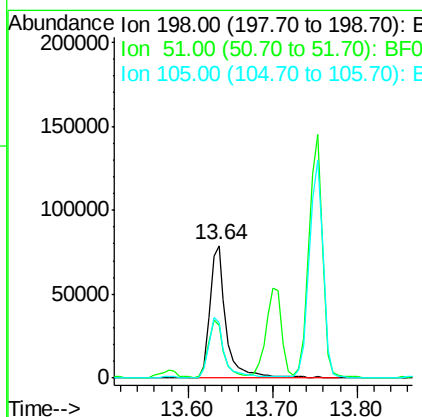
Manual Integrations
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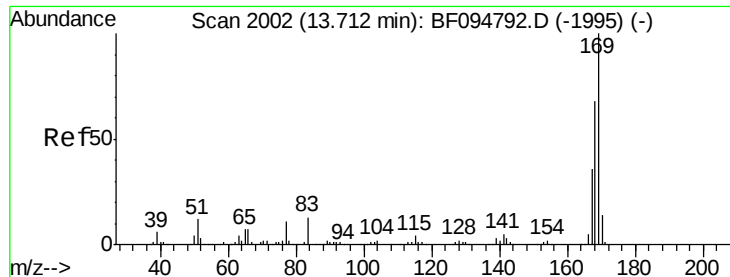
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.21 ng
RT: 13.64 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108169		
51	39.7		53.2	93.2#
105	41.5		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 45.00 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

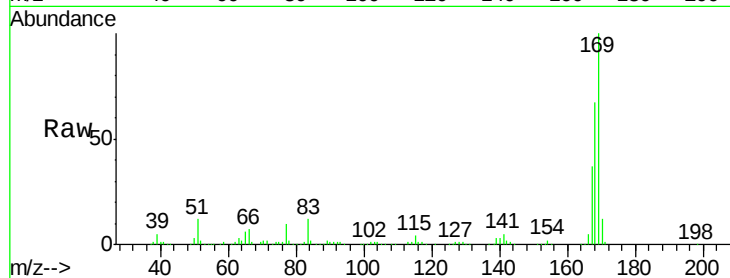
ClientSampleId :

SB-8(13-15)20170502MS

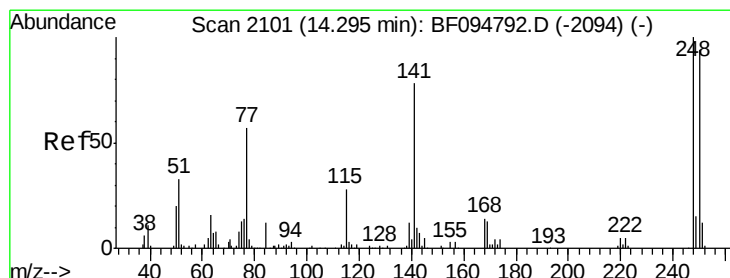
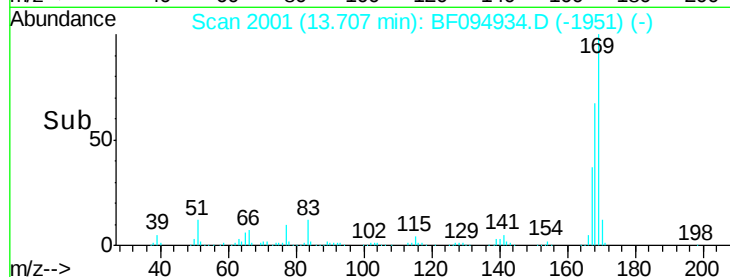
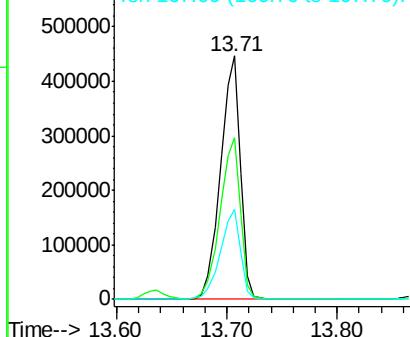
Tgt Ion:	169	Resp:	558163
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.2	79.8
167	36.8	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.72 ng

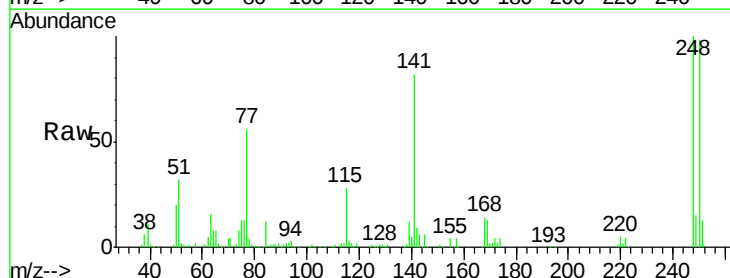
RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

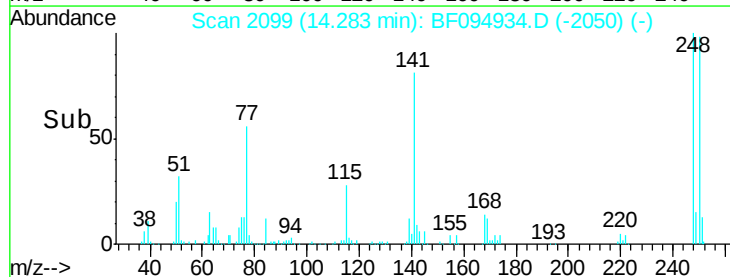
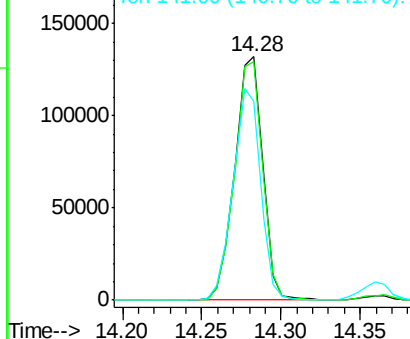
Lab File: BF094934.D

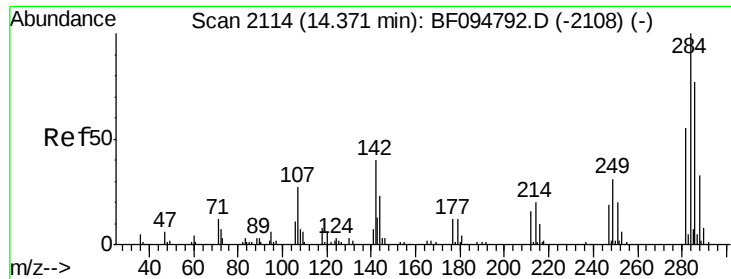
Acq: 6 May 2017 00:28

Tgt Ion:	248	Resp:	161469
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.8	115.2
141	81.8	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





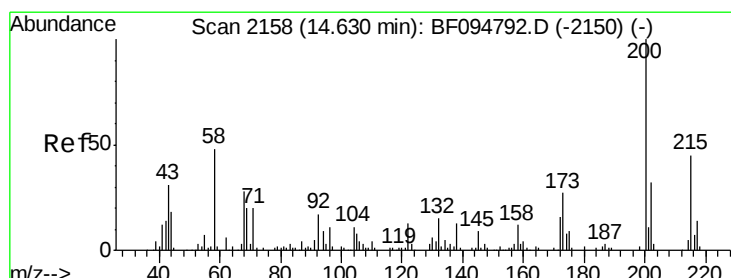
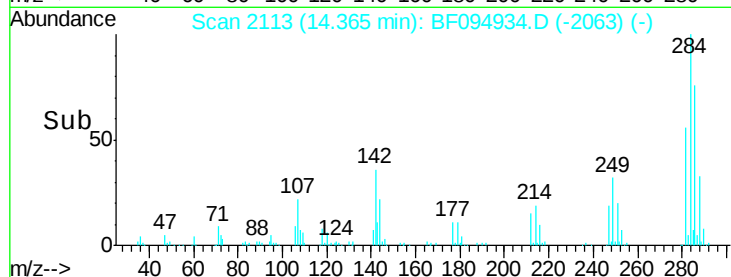
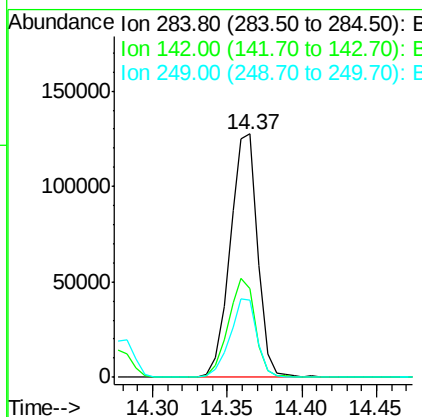
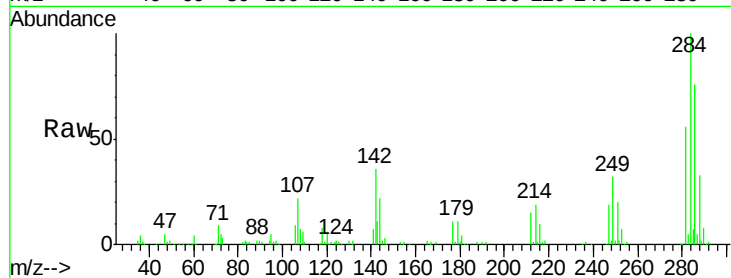
#67
Hexachlorobenzene
Concen: 44.42 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	164370		
142	36.5	22.8	34.2	
249	31.7	24.0	36.0	

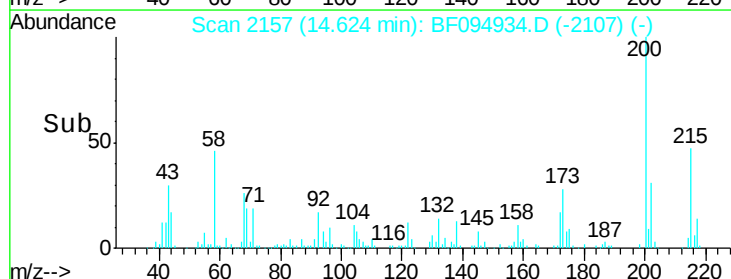
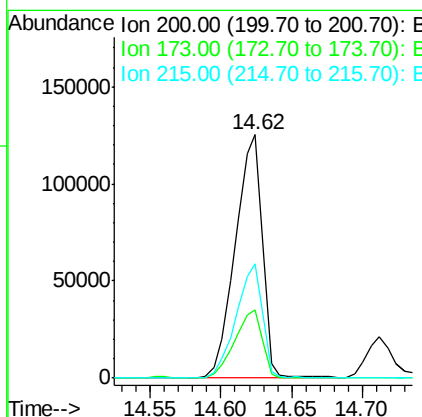
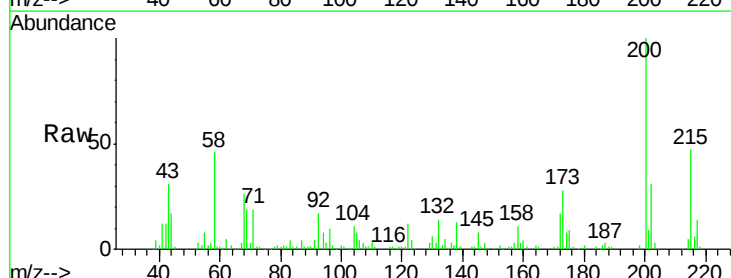
Manual Integrations
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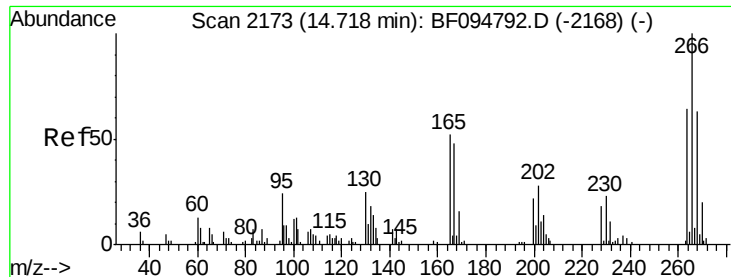
mohammad
5/8/2017 2:48:01 PM



#68
Atrazine
Concen: 47.81 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	167462		
173	27.8	6.3	46.3	
215	46.8	27.2	67.2	





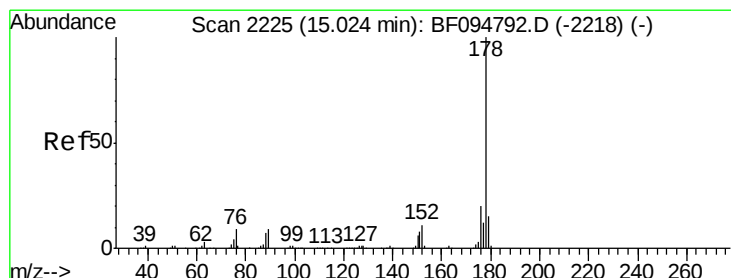
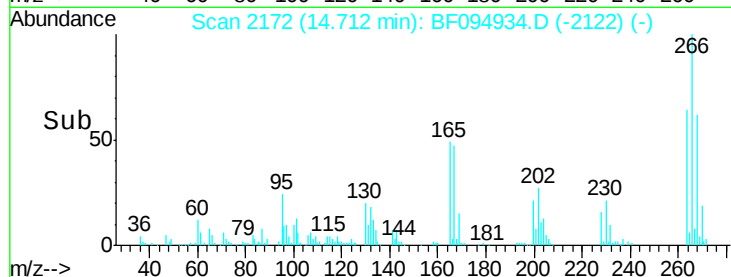
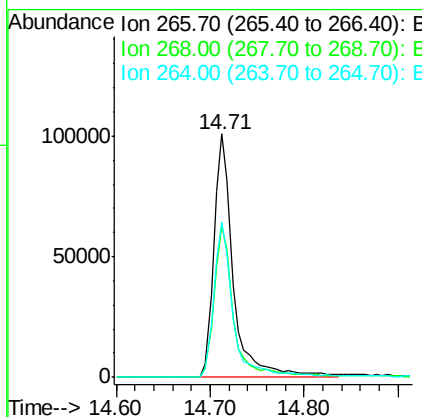
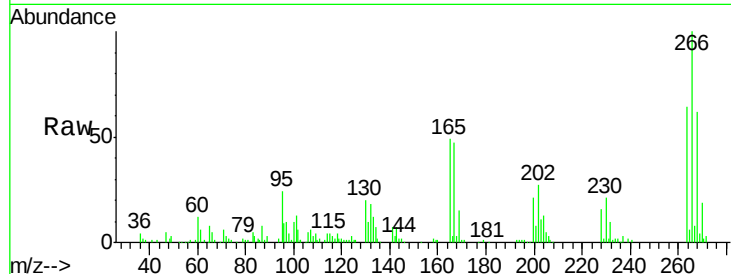
#69
 Pentachlorophenol
 Concen: 88.14 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	148559		
268	62.3	51.1	76.7	
264	64.0	51.7	77.5	

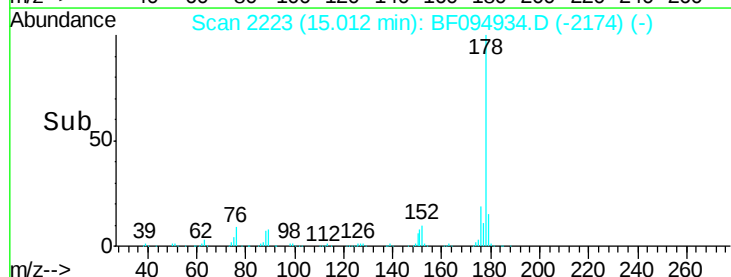
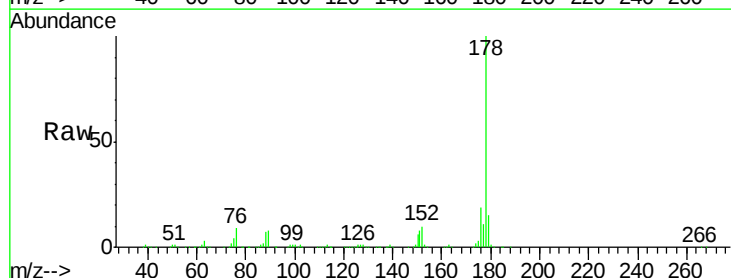
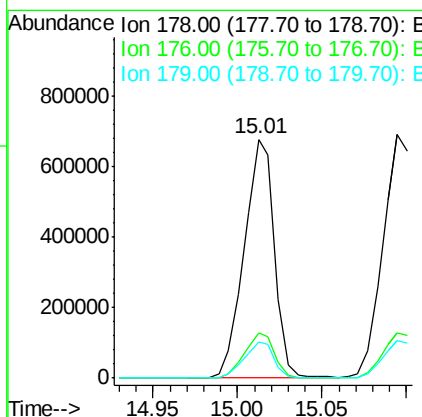
Manual Integrations
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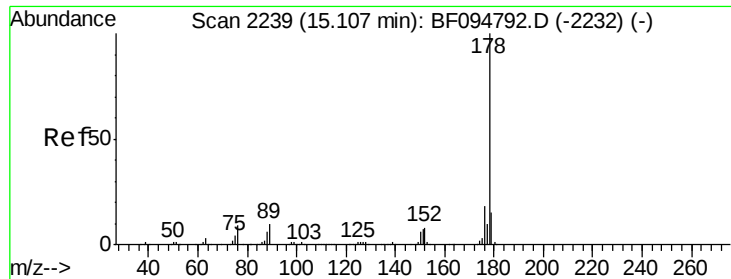
mohammad
 5/8/2017 2:48:01 PM



#70
 Phenanthrene
 Concen: 42.91 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	842694		
176	19.0	16.2	24.4	
179	15.1	12.6	19.0	





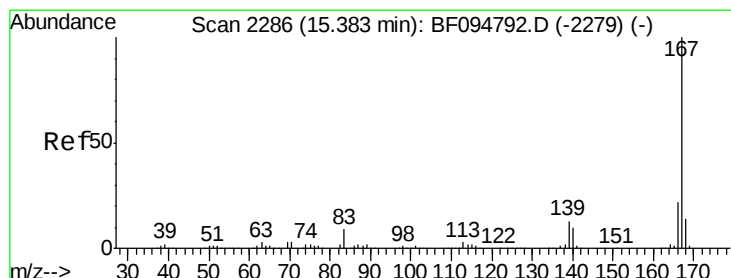
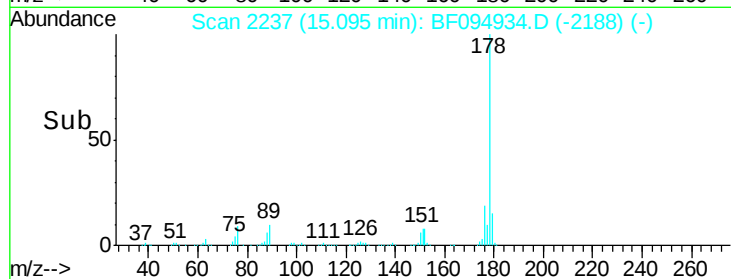
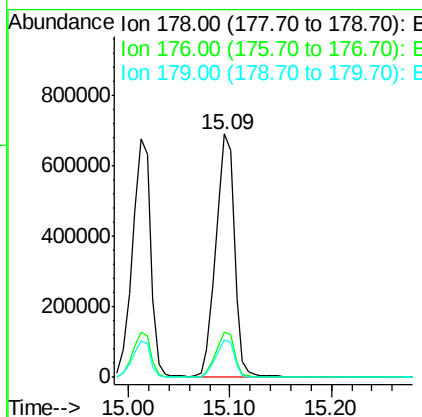
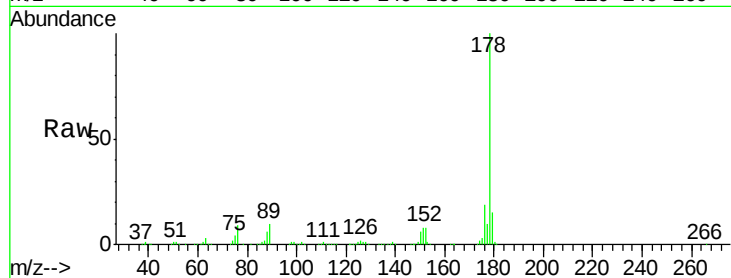
#71
 Anthracene
 Concen: 44.07 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	12.7	19.1

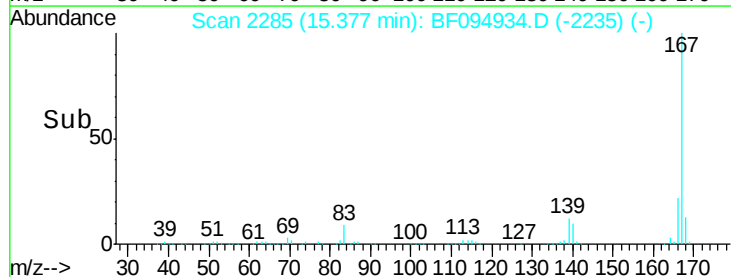
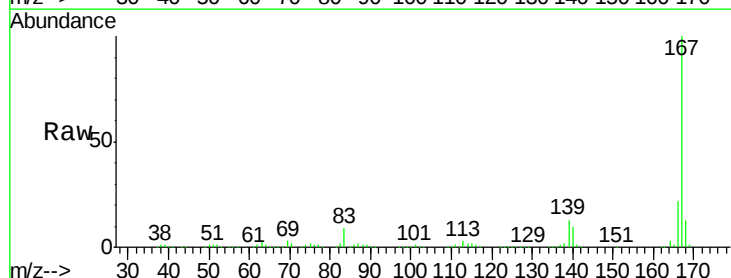
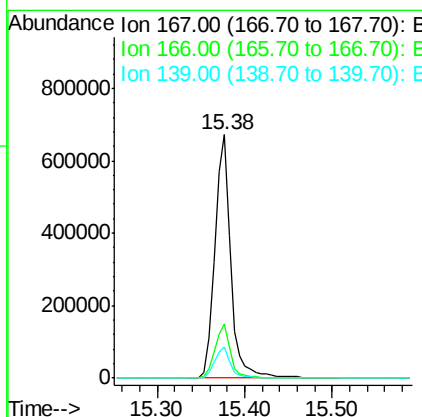
Manual Integrations
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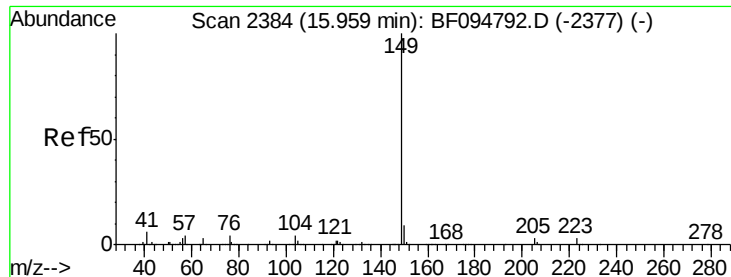
mohammad
 5/8/2017 2:48:01 PM



#72
 Carbazole
 Concen: 46.68 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	12.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.09 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

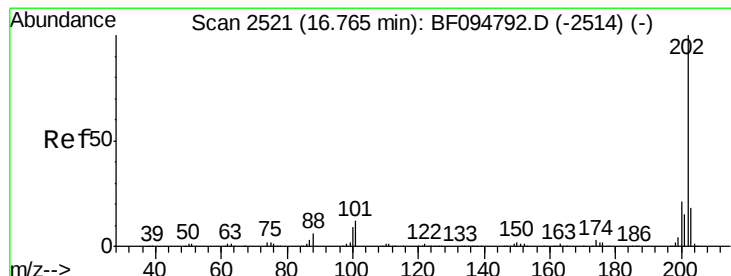
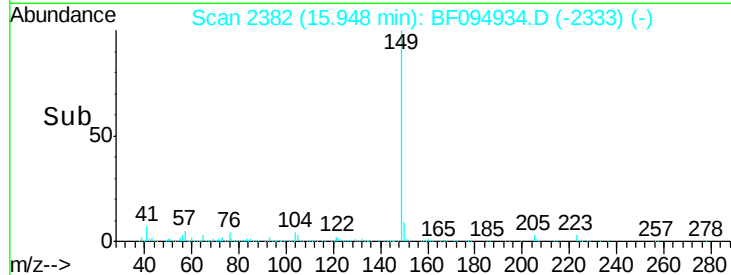
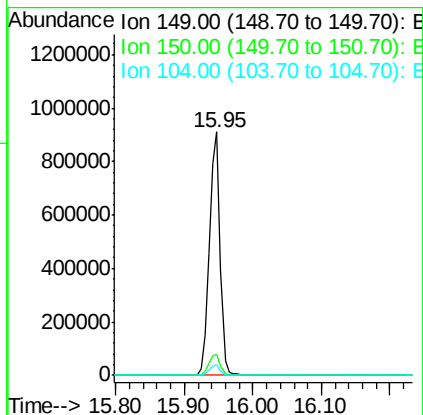
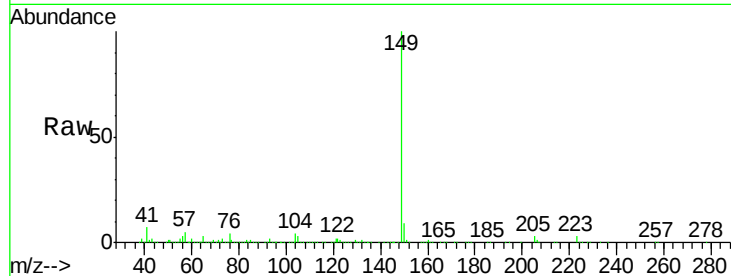
ClientSampleId :

SB-8(13-15)20170502MS

Tgt Ion:	149	Resp:	1003521
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.7	11.5
104	4.1	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 45.81 ng

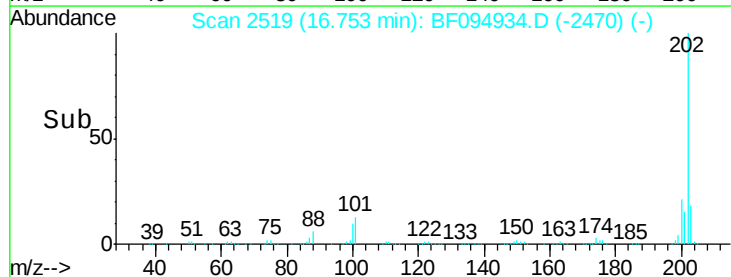
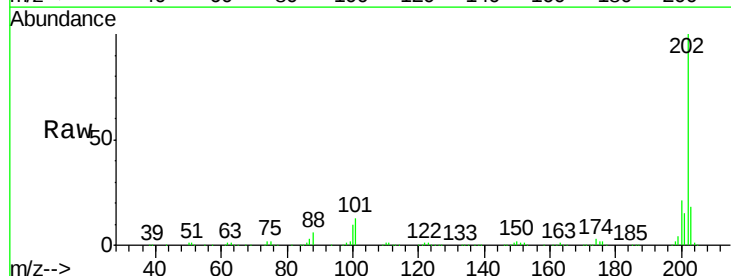
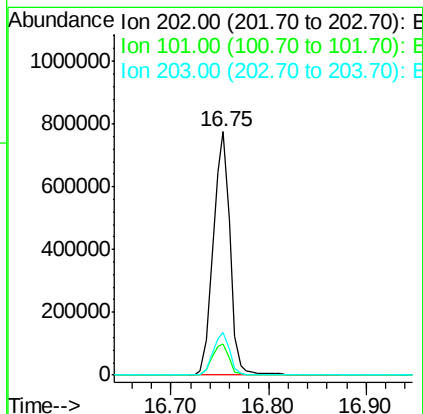
RT: 16.75 min Scan# 2519

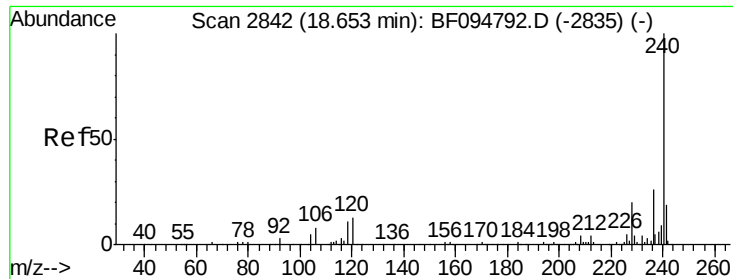
Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	202	Resp:	922863
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.2
203	17.5	0.0	38.1





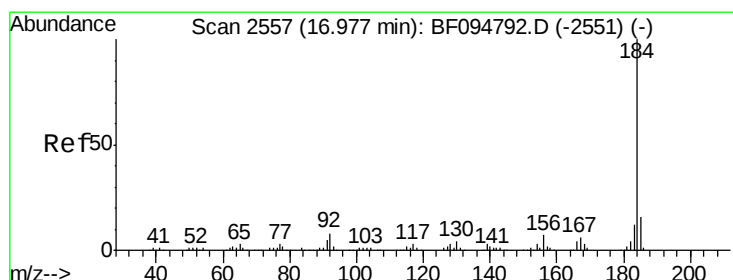
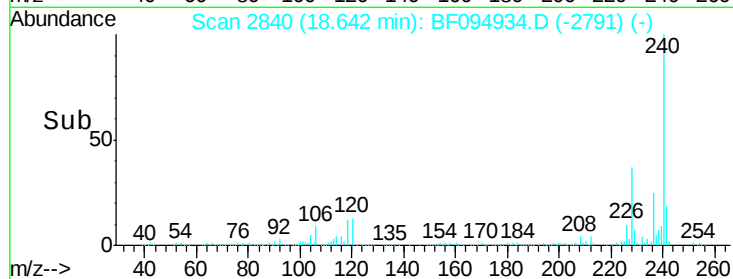
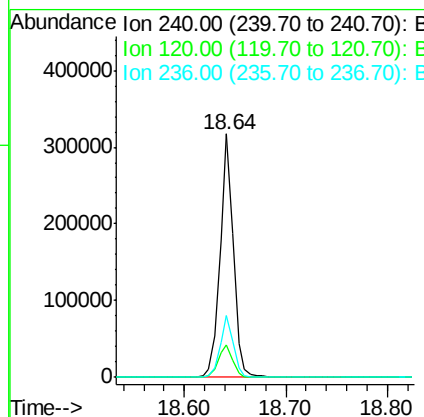
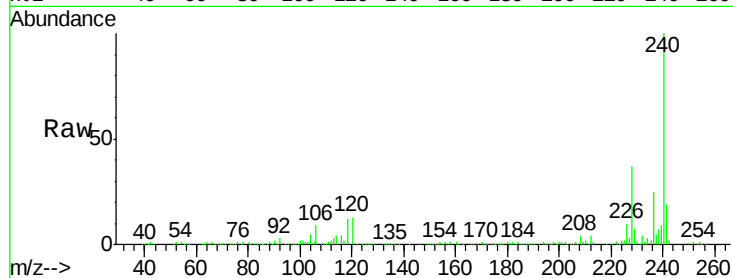
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	288926		
120	13.3	5.8	8.8#	
236	25.2	20.5	30.7	

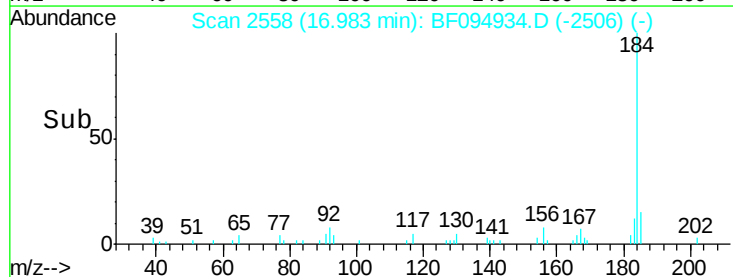
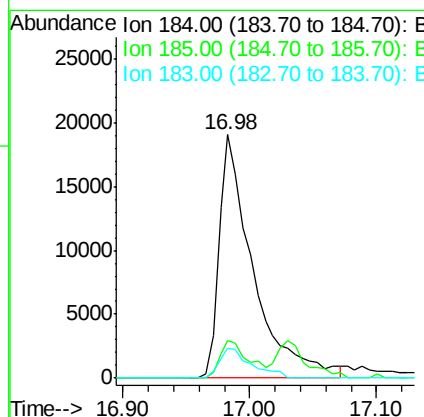
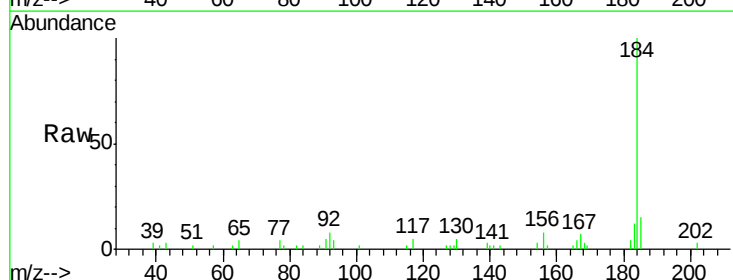
Manual Integrations
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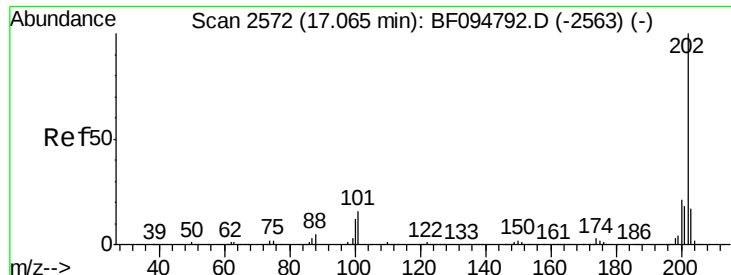
mohammad
 5/8/2017 2:48:01 PM



#76
 Benzidine
 Concen: 10.53 ng
 RT: 16.98 min Scan# 2558
 Delta R.T. 0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35723		
185	15.2	15.5	23.3#	
183	12.1	9.8	14.6	





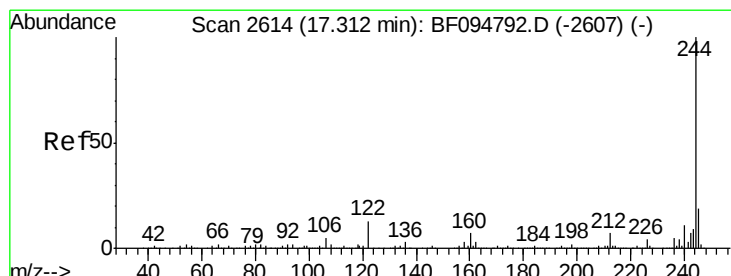
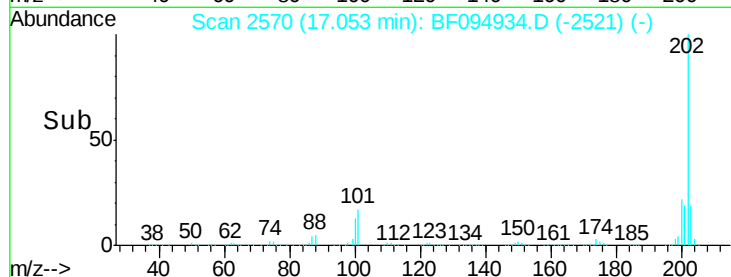
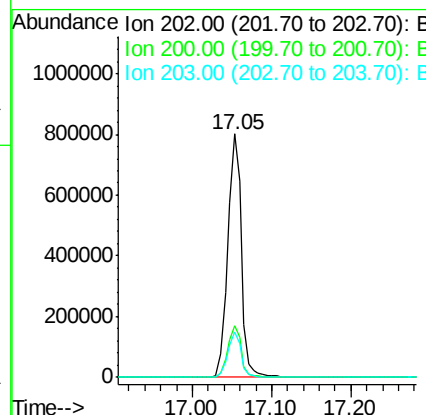
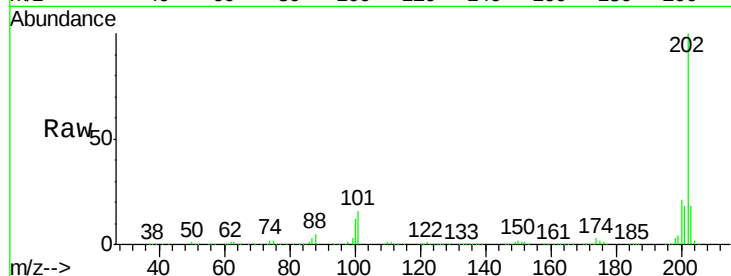
#77
 Pyrene
 Concen: 43.98 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	950377		
200	21.4	17.6	26.4	
203	18.4	14.4	21.6	

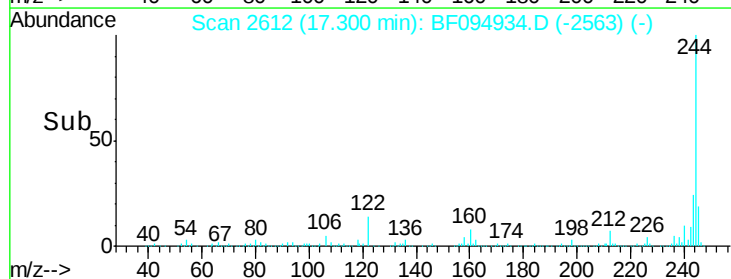
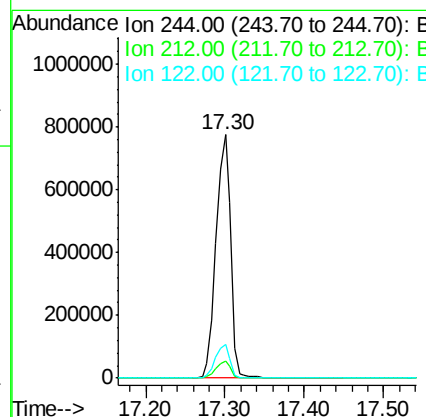
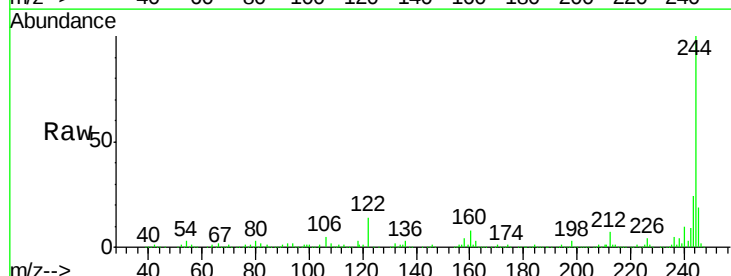
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#78
 Terphenyl-d14
 Concen: 75.91 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	995822		
212	7.2	6.0	9.0	
122	13.7	10.3	15.5	





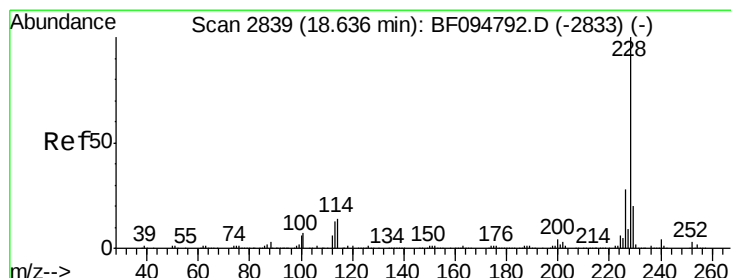
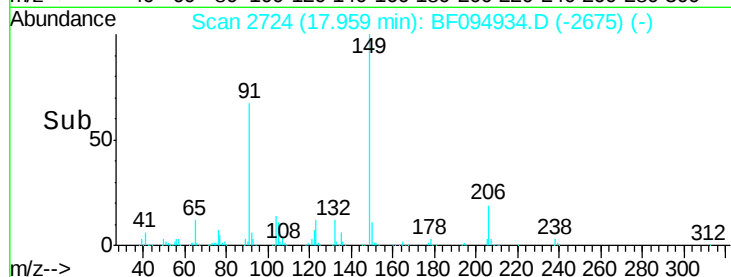
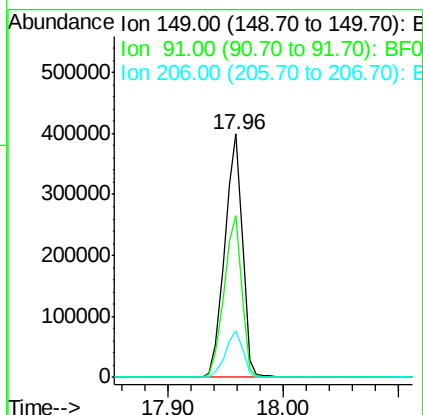
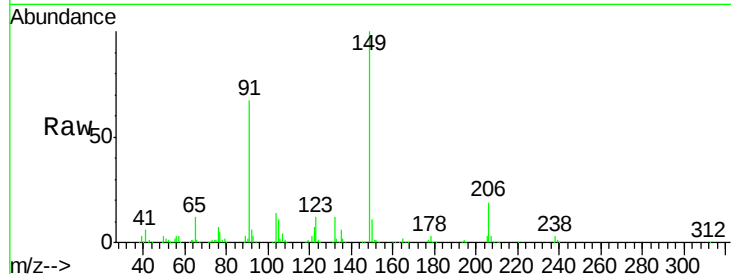
#79
Butylbenzylphthalate
Concen: 42.14 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	423588		
91	66.5	45.0	67.4	
206	19.3	17.0	25.6	

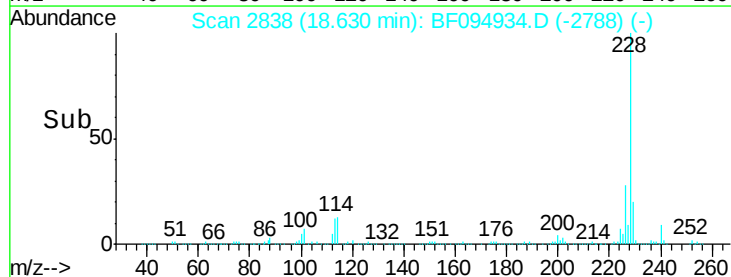
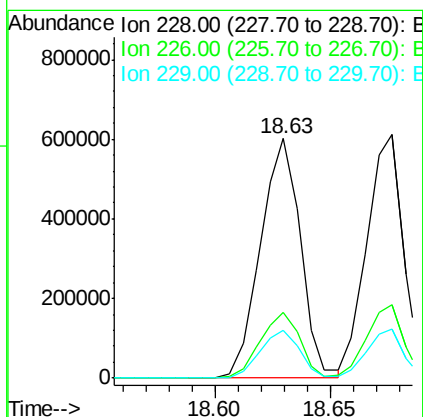
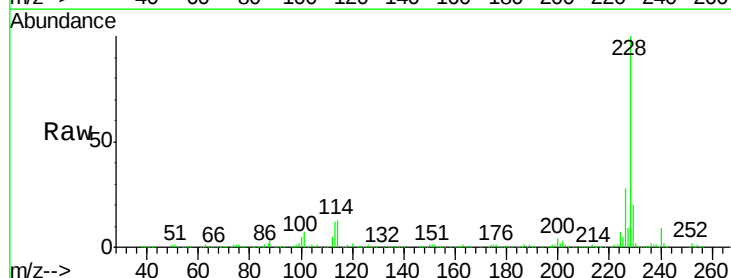
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 43.08 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	724382		
226	27.5	22.6	33.8	
229	19.7	16.3	24.5	





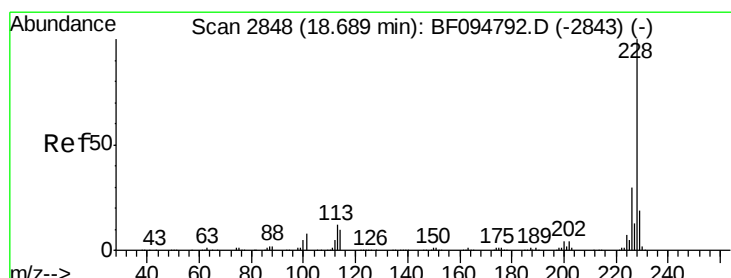
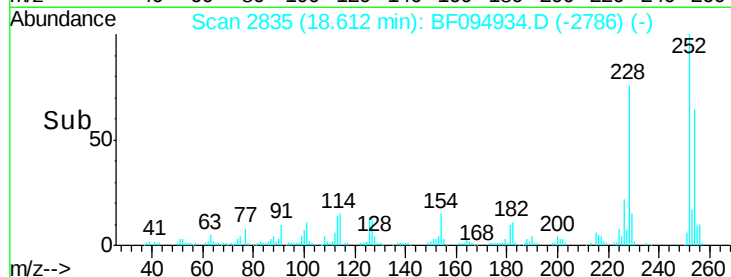
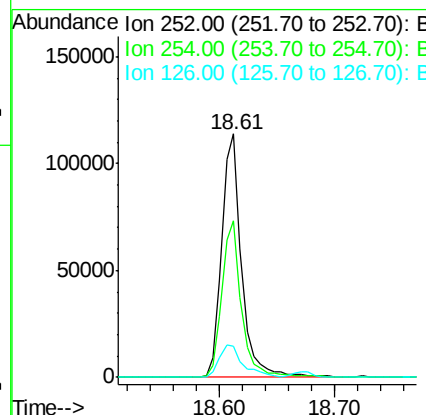
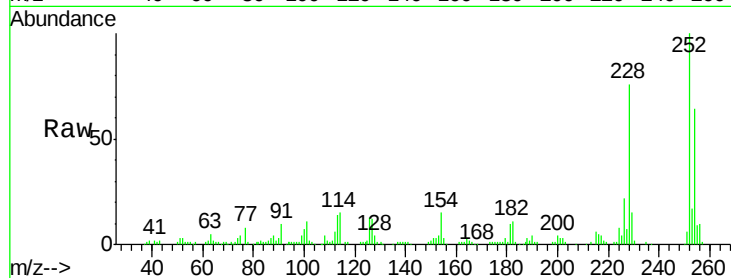
#81
 3,3'-Dichlorobenzidine
 Concen: 23.45 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	51.5	77.3
126	12.7	15.8	23.8

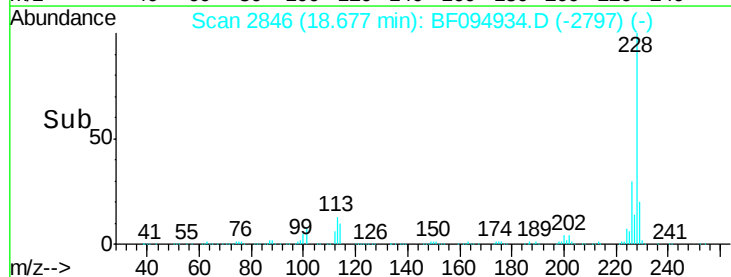
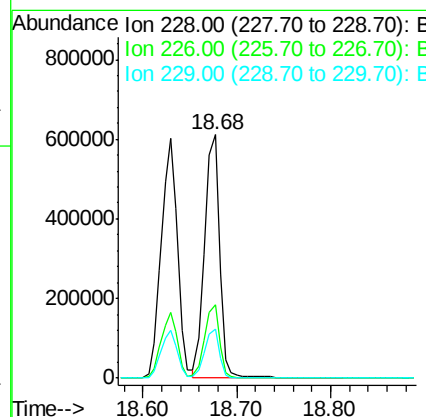
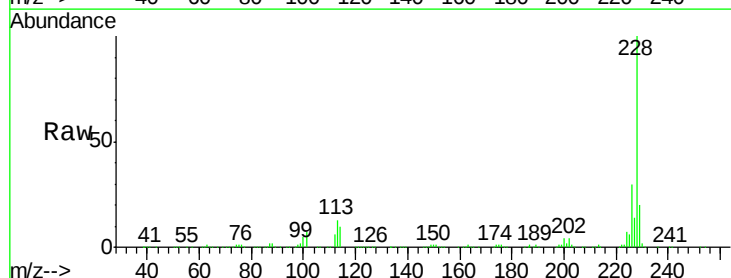
Manual Integrations
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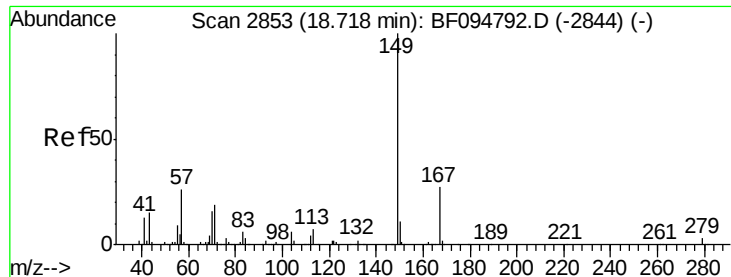
mohammad
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#82
 Chrysene
 Concen: 42.16 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.63 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

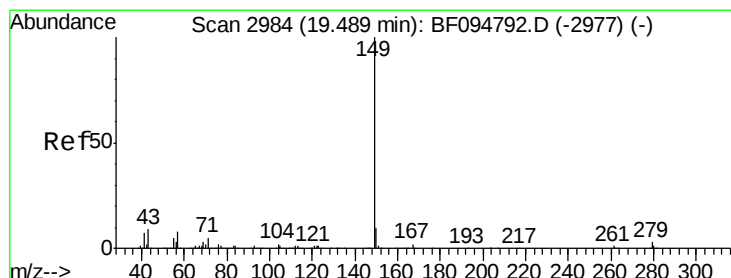
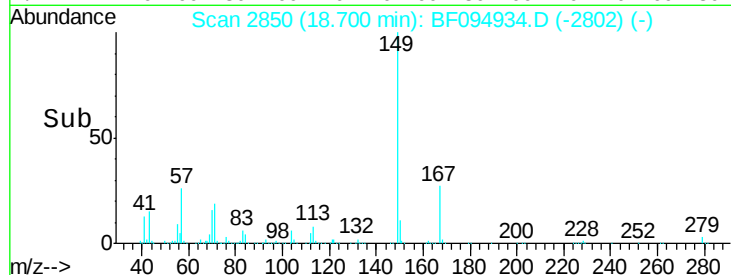
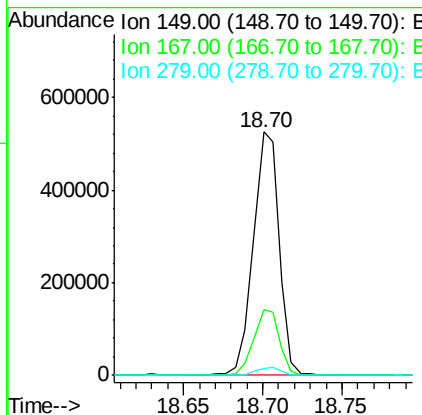
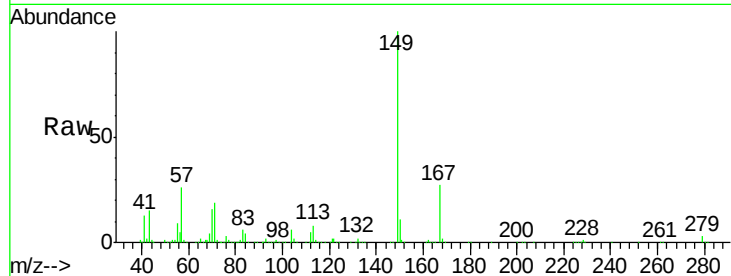
ClientSampleId :

SB-8(13-15)20170502MS

Tgt Ion:	149	Resp:	596164
Ion Ratio		Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.0	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 42.88 ng

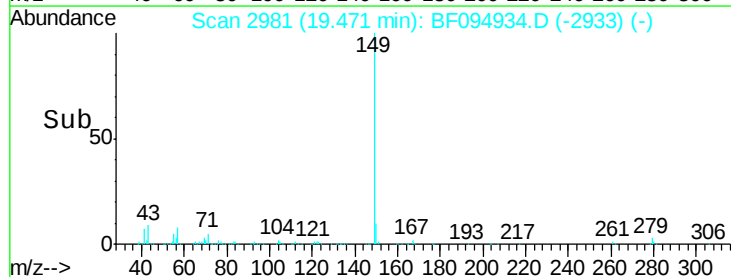
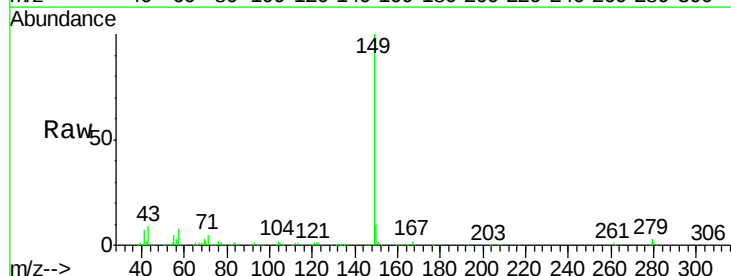
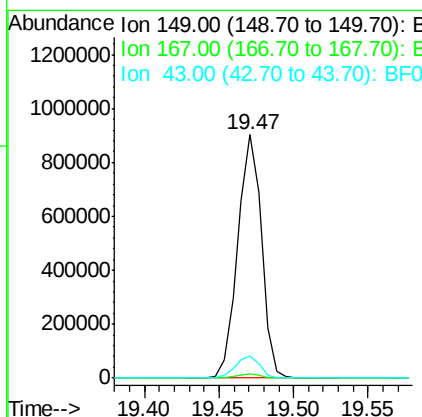
RT: 19.47 min Scan# 2981

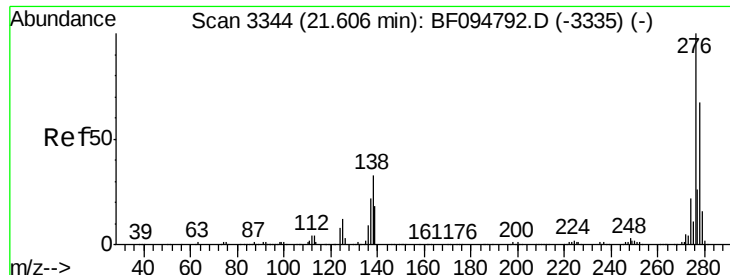
Delta R.T. -0.02 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	149	Resp:	1006856
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.5	12.7





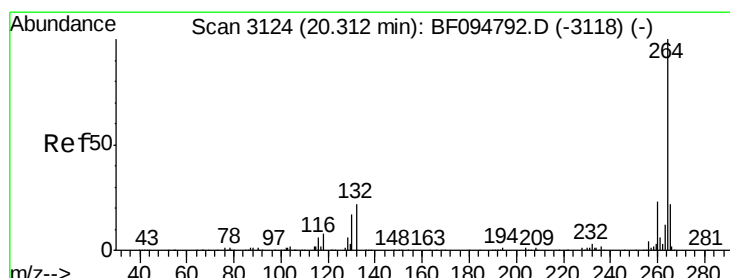
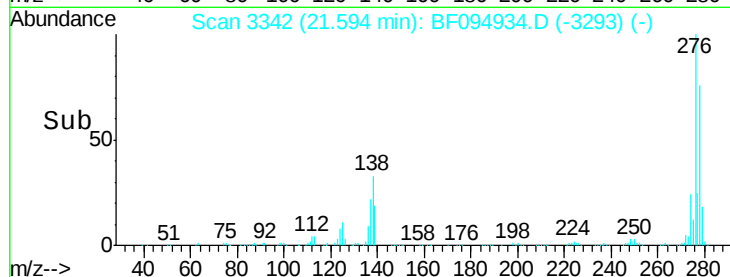
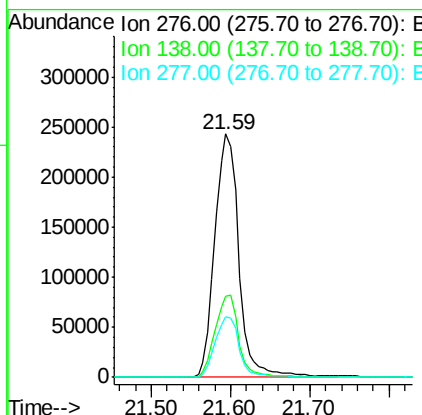
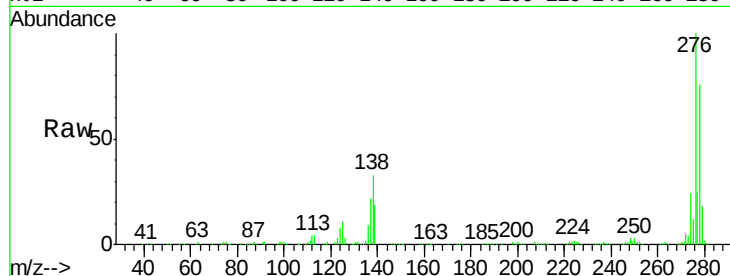
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.93 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.8	41.6
277	25.4	20.2	30.4

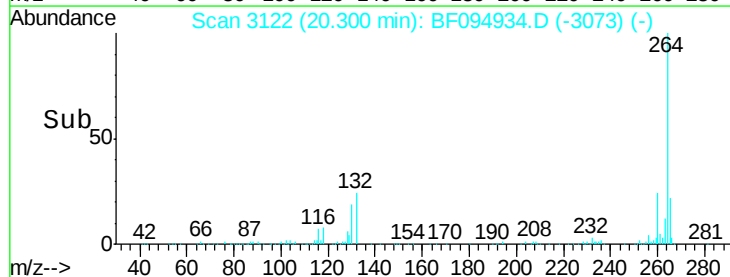
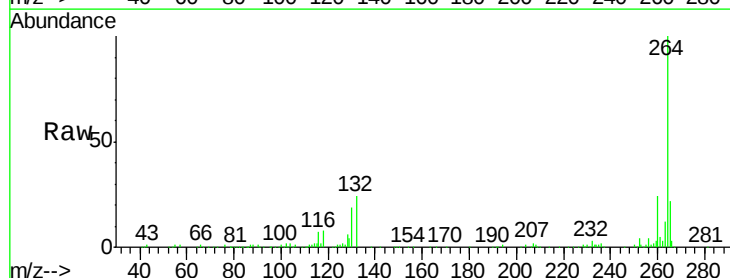
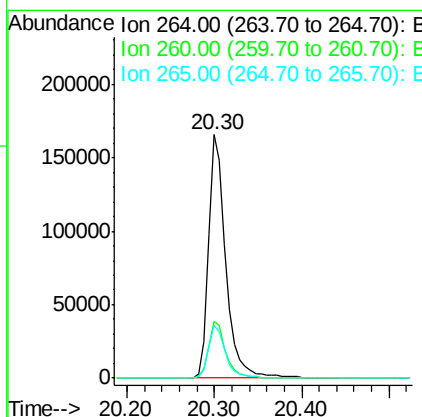
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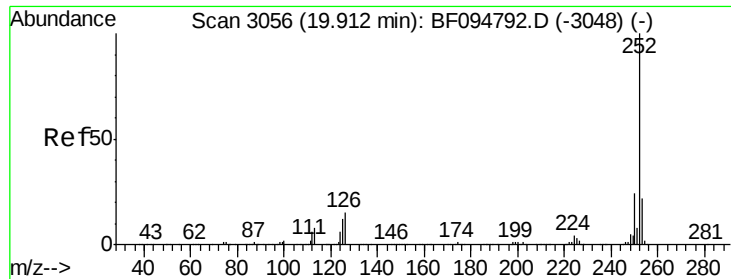
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

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





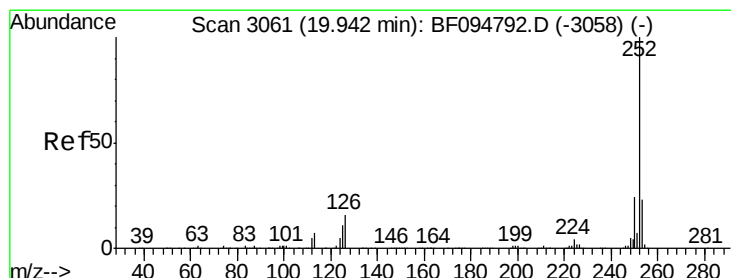
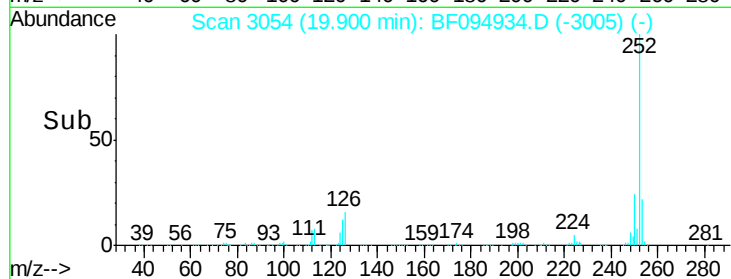
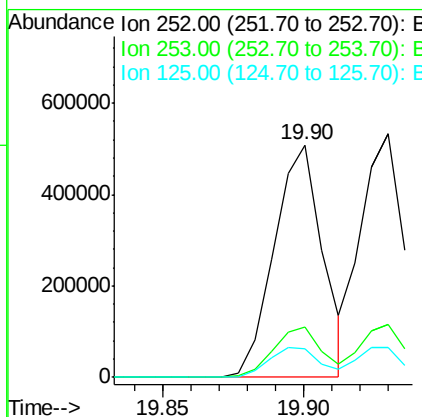
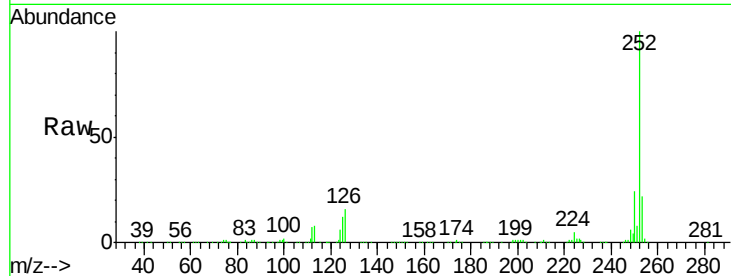
#87
Benzo(b)fluoranthene
Concen: 43.18 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.2	9.8	14.8

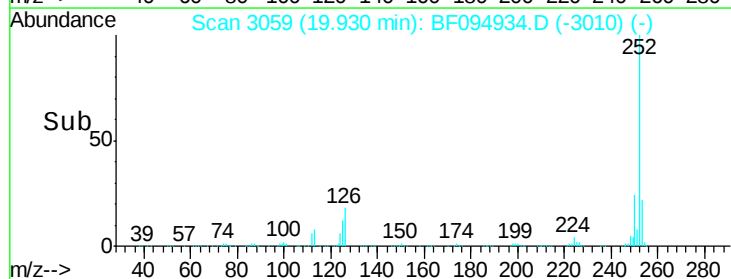
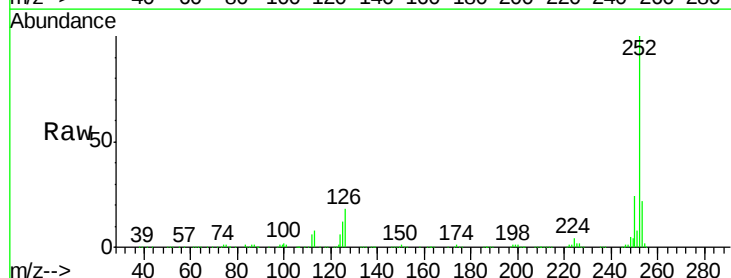
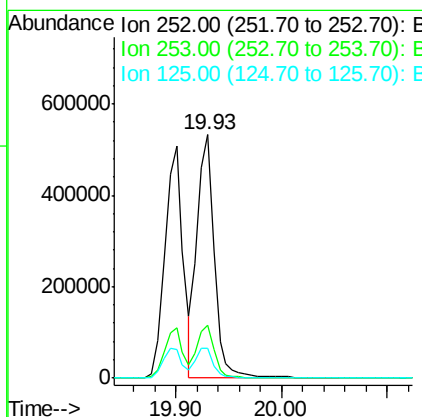
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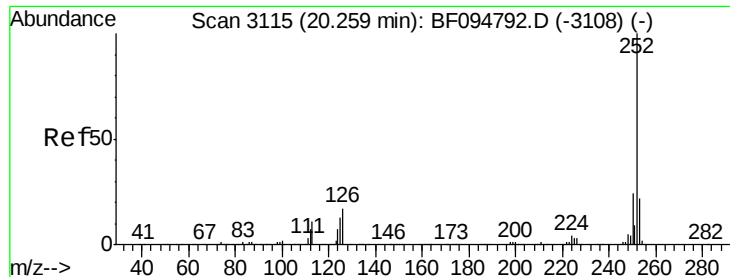
mohammad
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#88
Benzo(k)fluoranthene
Concen: 44.13 ng
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.2	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 42.88 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

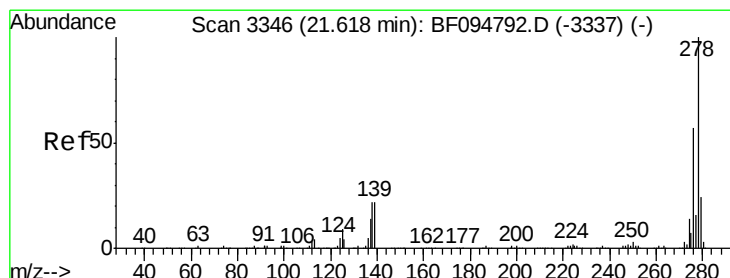
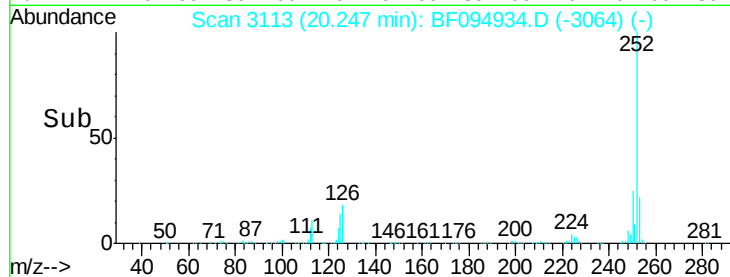
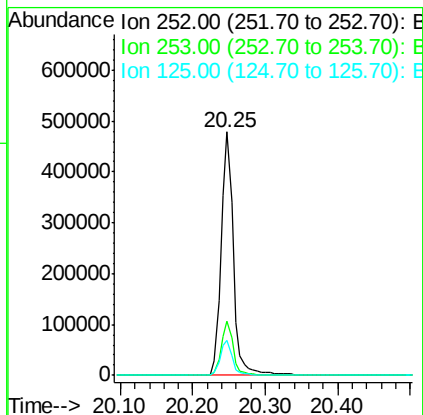
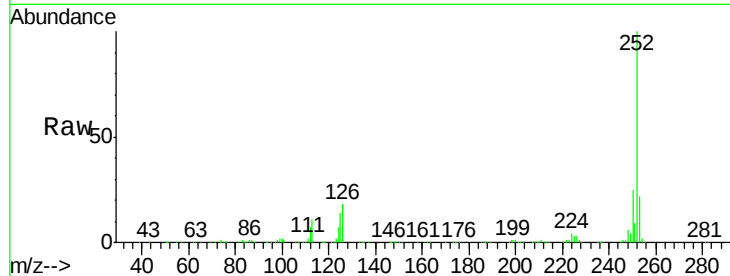
ClientSampleId :

SB-8(13-15)20170502MS

Tgt Ion:	252	Resp:	556056
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	14.1	11.0	16.4

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 40.00 ng

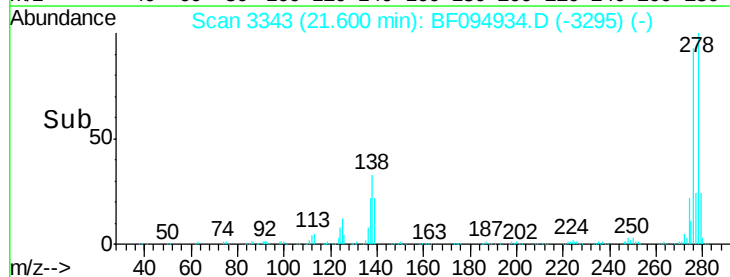
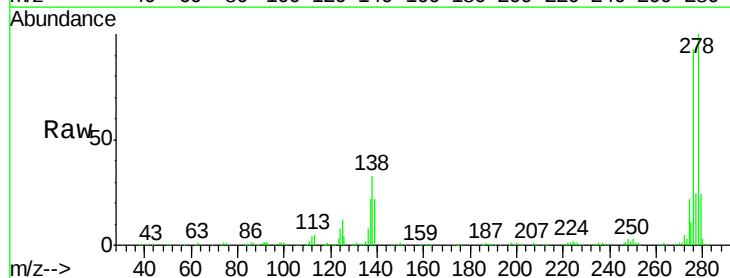
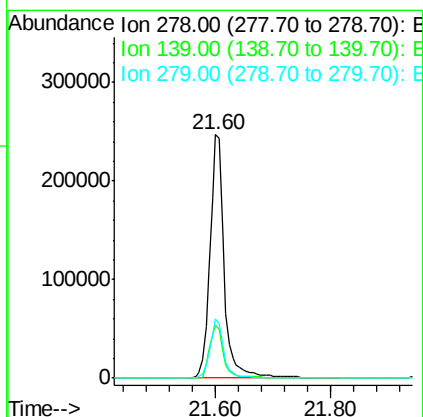
RT: 21.60 min Scan# 3343

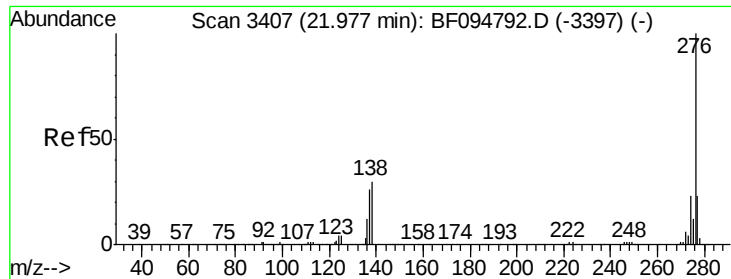
Delta R.T. -0.02 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:	278	Resp:	428347
Ion Ratio	Lower	Upper	
278	100		
139	21.8	16.6	24.8
279	24.4	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 42.80 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MS

Tgt Ion:	276	Resp:	449745
Ion Ratio		Lower	Upper
276	100		
277	22.5	18.6	28.0
138	28.9	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/8/2017 2:48:01 PM

