

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094821.D
 Acq On : 3 May 2017 7:16
 Operator : SJ/MA
 Sample : PB98658BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Manual Integrations
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 5/4/2017 1:44:46 PM

Quant Time: May 03 17:42:21 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	7.74	152	90186	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	368941	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	172533	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	277744	20.00	ng	0.00
75) Chrysene-d12	18.65	240	200589	20.00	ng	0.00
86) Perylene-d12	20.31	264	171003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	752443	139.10	ng	0.02
7) Phenol-d6	7.28	99	839110	129.28	ng	0.00
23) Nitrobenzene-d5	8.63	82	491683	84.04	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	171971	121.71	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	984297	82.11	ng	0.00
78) Terphenyl-d14	17.31	244	705566	77.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	98014	36.945	ng	99
3) Pyridine	2.83	79	246681	40.120	ng	99
4) n-Nitrosodimethylamine	2.76	42	108266	42.243	ng	86
6) Aniline	7.24	93	163950	20.009	ng	94
8) 2-Chlorophenol	7.42	128	268397	43.592	ng	93
9) Benzaldehyde	7.05	77	45521	11.486	ng	98
10) Phenol	7.30	94	302835	44.278	ng	88
11) bis(2-Chloroethyl)ether	7.37	93	237155	42.002	ng	95
12) 1,3-Dichlorobenzene	7.64	146	284216	40.694	ng	99
13) 1,4-Dichlorobenzene	7.76	146	289516	40.875	ng	96
14) 1,2-Dichlorobenzene	8.00	146	271151	41.013	ng	97
15) Benzyl Alcohol	8.01	79	202866	48.596	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	303549	37.984	ng	# 34
17) 2-Methylphenol	8.22	107	213164	42.305	ng	# 84
18) Hexachloroethane	8.52	117	91895	38.300	ng	# 87
19) n-Nitroso-di-n-propylamine	8.44	70	181097	41.256	ng	95
20) 3+4-Methylphenols	8.48	107	286839	41.894	ng	# 59
22) Acetophenone	8.40	105	364605	41.189	ng	# 84
24) Nitrobenzene	8.66	77	255324	41.634	ng	95
25) Isophorone	9.06	82	457353	43.777	ng	95
26) 2-Nitrophenol	9.17	139	140152	42.353	ng	96
27) 2,4-Dimethylphenol	9.31	122	230856	43.149	ng	98
28) bis(2-Chloroethoxy)methane	9.43	93	294128	40.697	ng	98
29) 2,4-Dichlorophenol	9.58	162	220866	43.721	ng	99
30) 1,2,4-Trichlorobenzene	9.68	180	221351	40.899	ng	97
31) Naphthalene	9.79	128	746572	40.262	ng	100
32) Benzoic acid	9.60	122	123780	36.588	ng	97
33) 4-Chloroaniline	9.93	127	55717	8.063	ng	92
34) Hexachlorobutadiene	10.01	225	112492	39.392	ng	97
35) Caprolactam	10.53	113	67316m	44.376	ng	
36) 4-Chloro-3-methylphenol	10.78	107	226679	41.969	ng	91
37) 2-Methylnaphthalene	10.91	142	523581	43.023	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	203949	38.439	ng	99
40) Hexachlorocyclopentadiene	11.17	237	76850	37.901	ng	98

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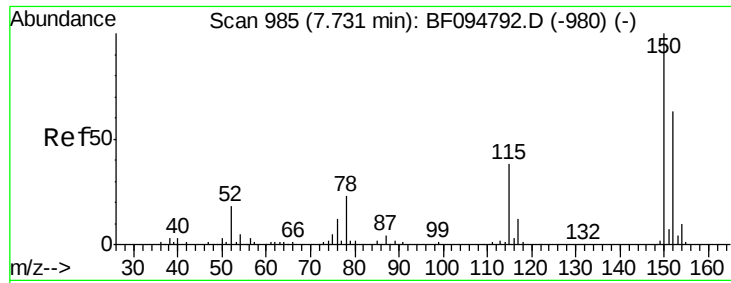
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	145749	41.142	ng	95
43) 2,4,5-Trichlorophenol	11.49	196	151538	39.800	ng	# 93
45) 1,1'-Biphenyl	11.68	154	587801	40.464	ng	98
46) 2-Chloronaphthalene	11.70	162	457231	38.982	ng	97
47) 2-Nitroaniline	11.90	65	124617	38.817	ng	# 82
48) Acenaphthylene	12.35	152	782412	42.588	ng	99
49) Dimethylphthalate	12.22	163	582842	41.149	ng	100
50) 2,6-Dinitrotoluene	12.31	165	123067	42.589	ng	91
51) Acenaphthene	12.64	154	459350	41.861	ng	99
52) 3-Nitroaniline	12.57	138	54775	17.661	ng	# 93
53) 2,4-Dinitrophenol	12.77	184	46702	33.299	ng	# 68
54) Dibenzofuran	12.92	168	685204	45.124	ng	99
55) 4-Nitrophenol	12.95	139	157421	84.508	ng	# 74
56) 2,4-Dinitrotoluene	12.97	165	157480	42.412	ng	# 90
57) Fluorene	13.48	166	543081	41.130	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.16	232	109404	45.655	ng	# 96
59) Diethylphthalate	13.37	149	536704	39.534	ng	98
60) 4-Chlorophenyl-phenylether	13.50	204	250212	43.118	ng	91
61) 4-Nitroaniline	13.57	138	101189	35.540	ng	97
62) Azobenzene	13.76	77	495763	45.445	ng	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	41554	22.318	ng	# 71
65) n-Nitrosodiphenylamine	13.71	169	455512	45.188	ng	98
66) 4-Bromophenyl-phenylether	14.29	248	129250	44.047	ng	97
67) Hexachlorobenzene	14.37	284	128384	42.692	ng	# 85
68) Atrazine	14.62	200	131352	46.151	ng	96
69) Pentachlorophenol	14.72	266	106289	78.305	ng	96
70) Phenanthrene	15.02	178	682945	42.795	ng	98
71) Anthracene	15.10	178	686142	42.092	ng	98
72) Carbazole	15.38	167	618289	41.687	ng	97
73) Di-n-butylphthalate	15.95	149	824163	44.558	ng	99
74) Fluoranthene	16.76	202	622415	38.022	ng	99
76) Benzidine	16.98	184	273650	50.107	ng	# 93
77) Pyrene	17.06	202	623057	41.532	ng	99
79) Butylbenzylphthalate	17.97	149	282804	40.529	ng	# 85
80) Benzo(a)anthracene	18.64	228	489507	41.931	ng	99
81) 3,3'-Dichlorobenzidine	18.62	252	157158	38.977	ng	# 94
82) Chrysene	18.68	228	467723	41.435	ng	100
83) Bis(2-ethylhexyl)phthalate	18.71	149	411484	41.388	ng	100
84) Di-n-octyl phthalate	19.48	149	655253	40.200	ng	96
85) Indeno(1,2,3-cd)pyrene	21.60	276	390371	42.585	ng	100
87) Benzo(b)fluoranthene	19.91	252	471860	44.656	ng	98
88) Benzo(k)fluoranthene	19.94	252	450304	44.180	ng	# 93
89) Benzo(a)pyrene	20.25	252	416945	42.762	ng	99
90) Dibenzo(a,h)anthracene	21.61	278	326479	40.544	ng	97
91) Benzo(g,h,i)perylene	21.97	276	289774	36.670	ng	97

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



#1

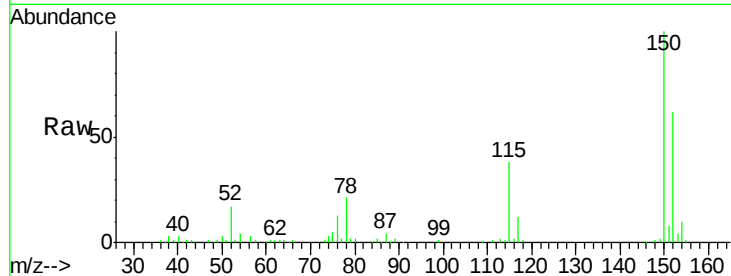
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

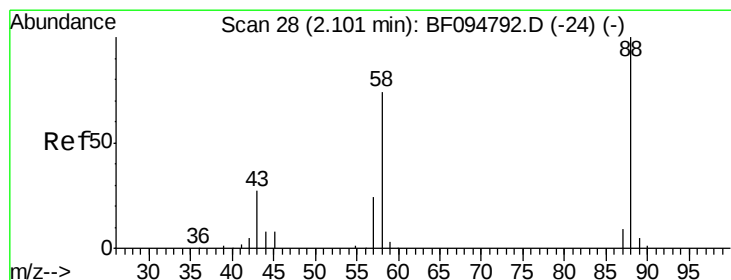
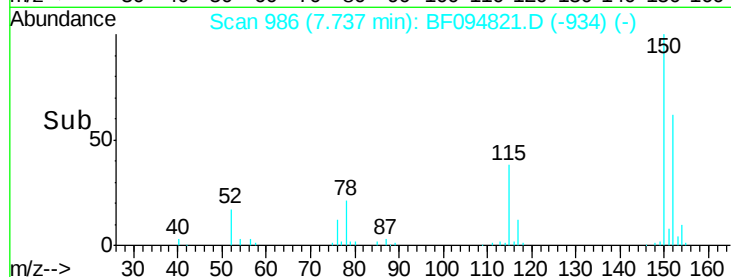
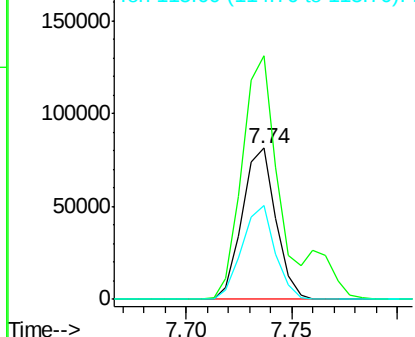
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.2	189.2
115	61.9	52.2	78.2

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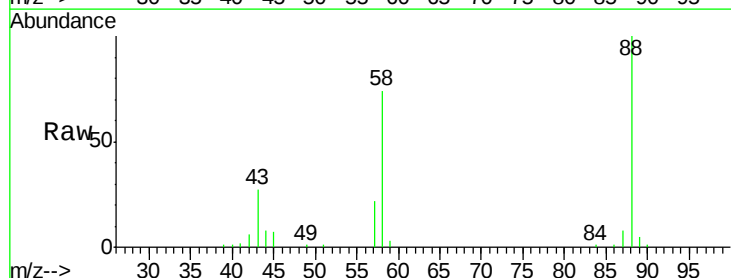
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



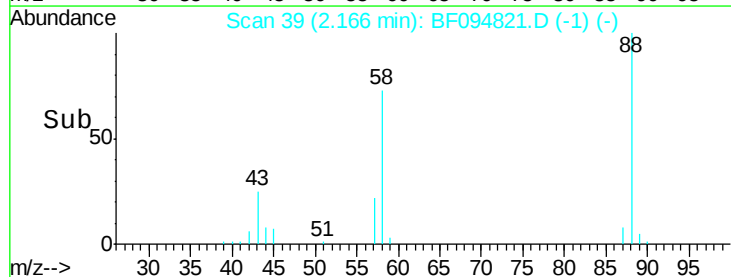
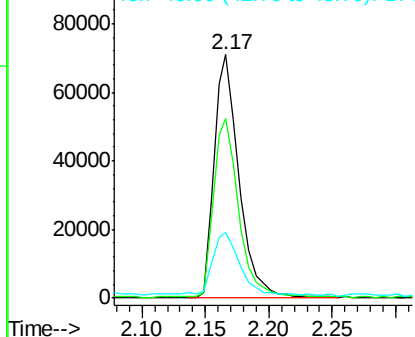
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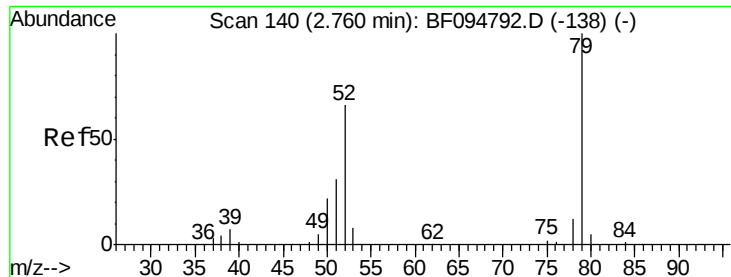
1,4-Dioxane
Concen: 36.945 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.06 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	61.4	92.0
43	30.1	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: 40.120 ng

RT: 2.83 min Scan# 151

Delta R.T. 0.06 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Instrument :

BNA_F

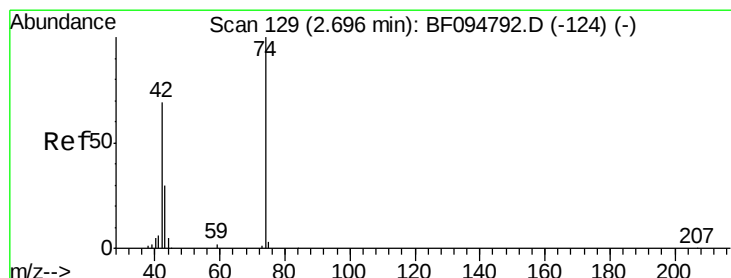
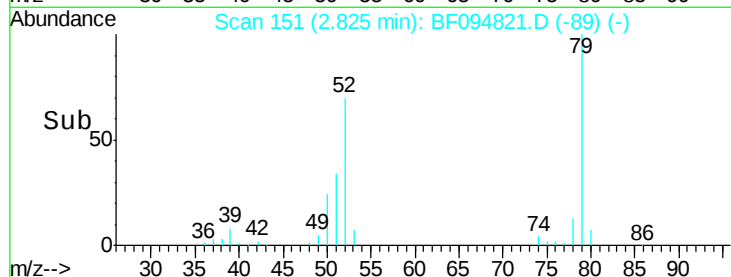
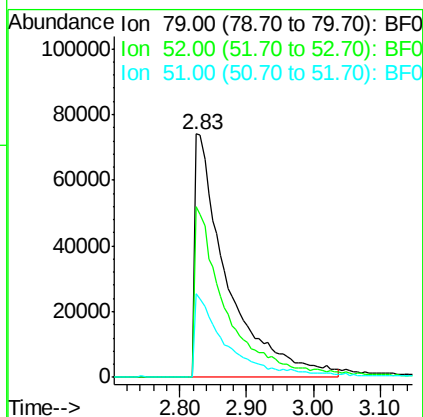
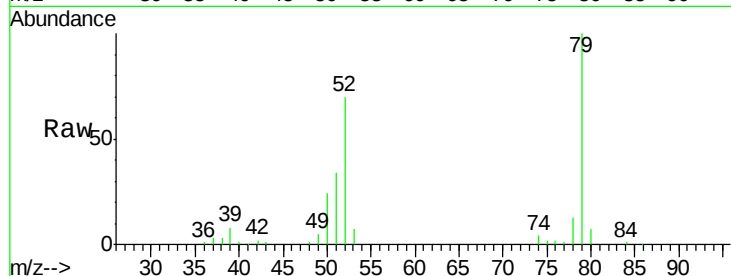
ClientSampleId :

PB98658BS

Tgt Ion:	79	Resp:	246681
Ion Ratio	Lower	Upper	
79	100		
52	70.0	54.8	82.2
51	34.2	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 42.243 ng

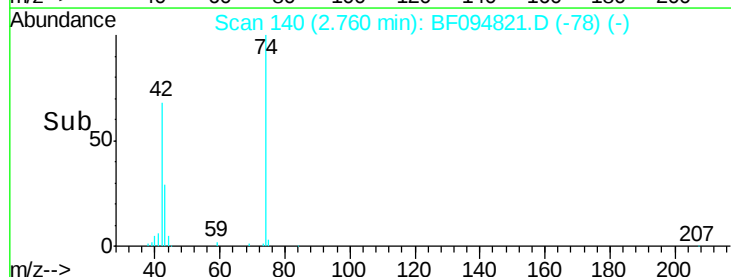
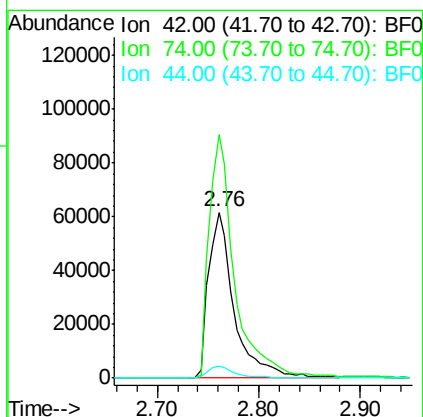
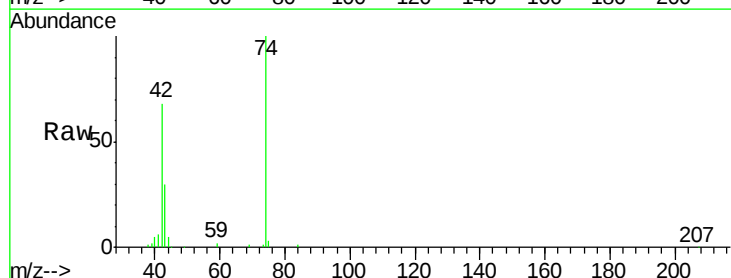
RT: 2.76 min Scan# 140

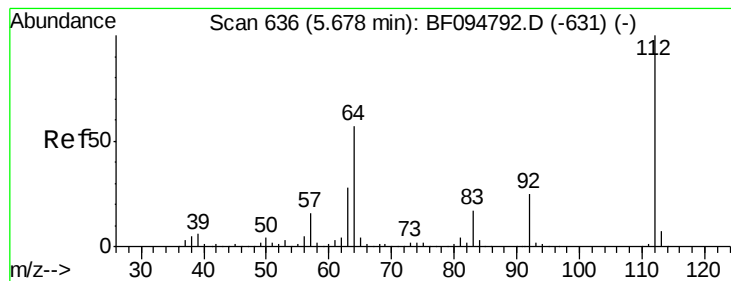
Delta R.T. 0.06 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Tgt Ion:	42	Resp:	108266
Ion Ratio	Lower	Upper	
42	100		
74	146.7	103.9	155.9
44	7.2	5.7	8.5





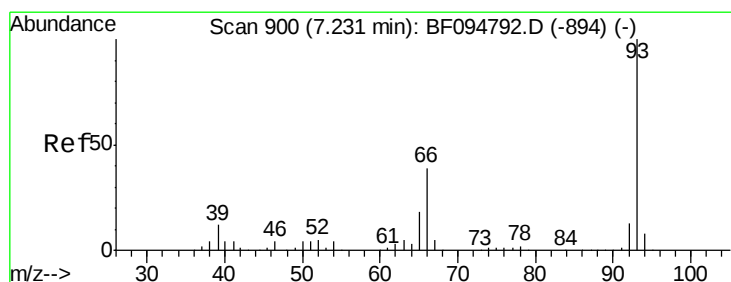
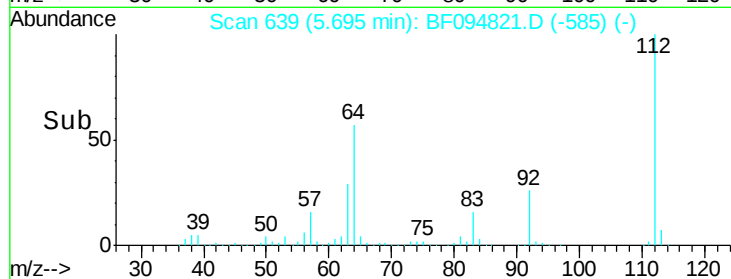
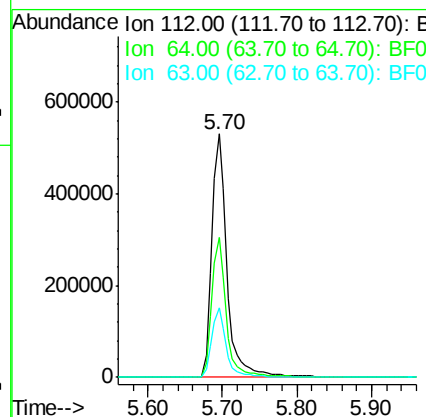
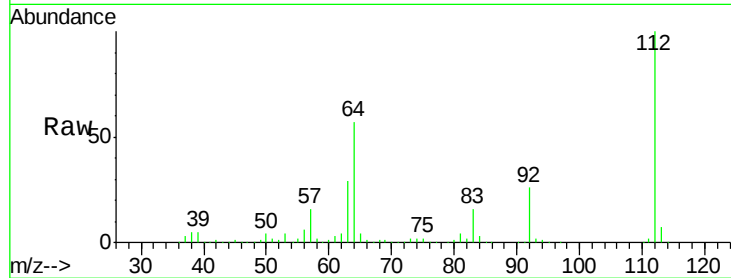
#5
 2-Fluorophenol
 Concen: 139.099 ng
 RT: 5.70 min Scan# 639
 Delta R.T. 0.02 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	57.4	46.0	69.0
63	28.6	23.4	35.0

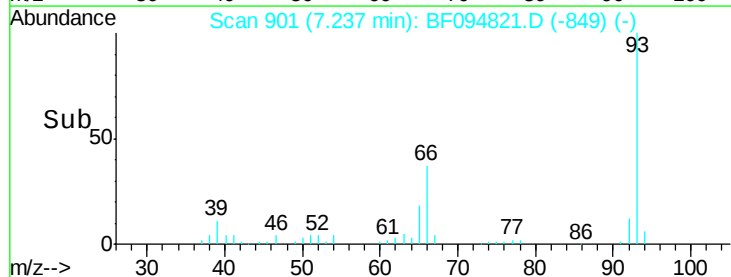
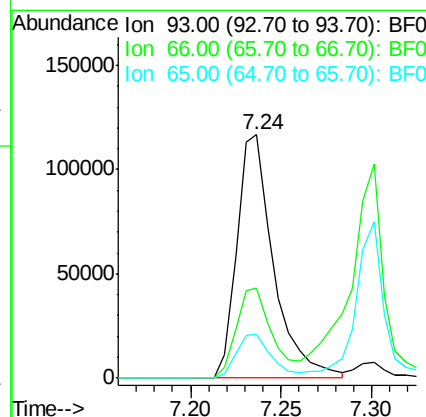
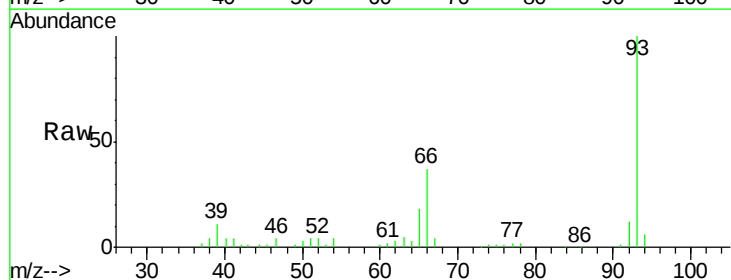
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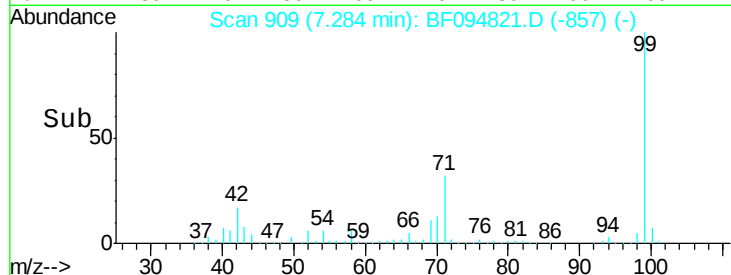
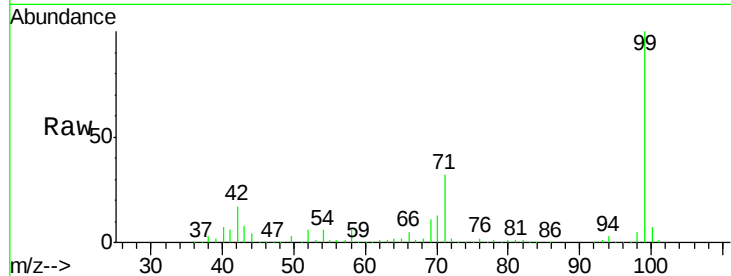
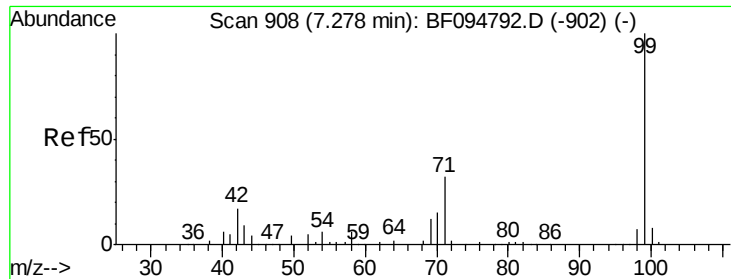
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#6
 Aniline
 Concen: 20.009 ng
 RT: 7.24 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.1	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 129.284 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Tgt Ion:	99	Resp:	839110
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	32.4	24.5	36.7

Instrument :

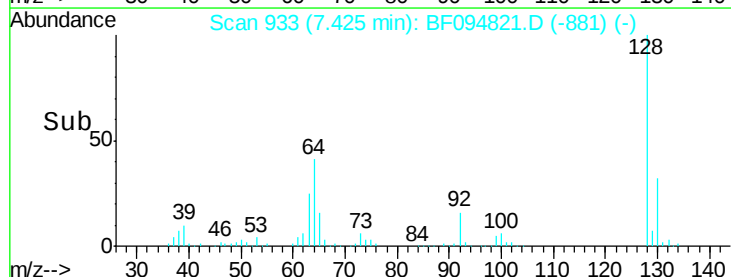
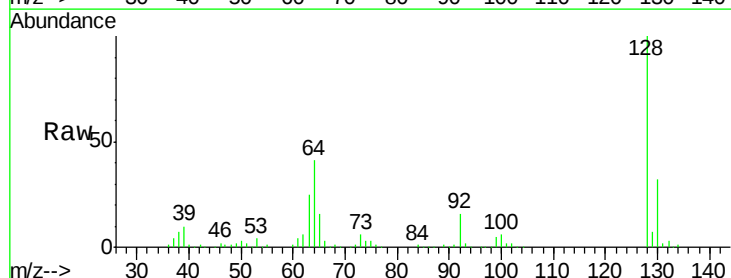
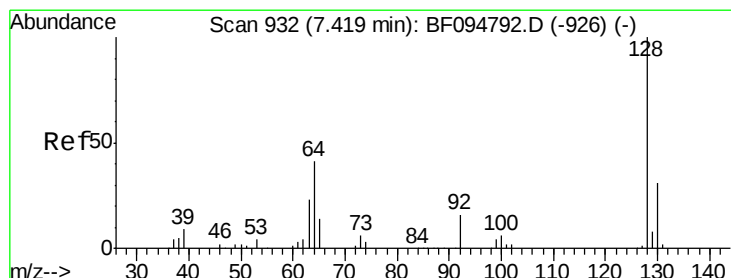
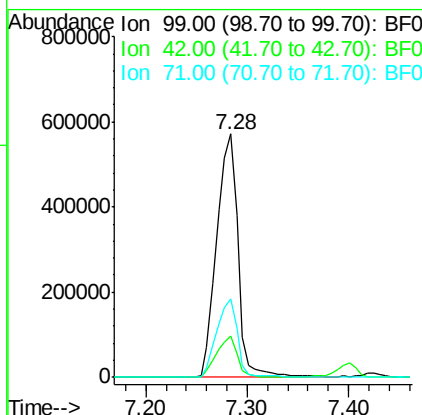
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 43.592 ng

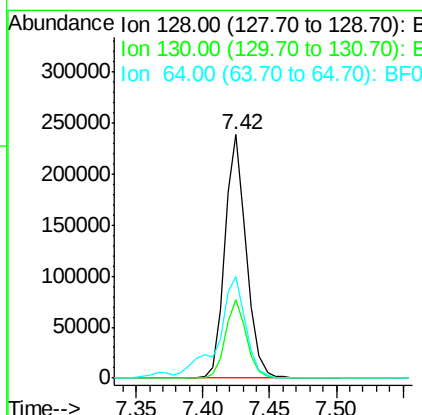
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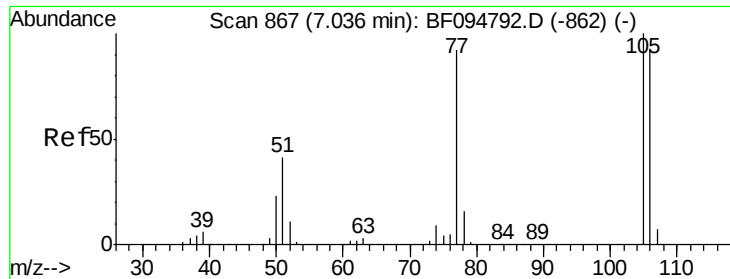
Delta R.T. 0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Tgt Ion:	128	Resp:	268397
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	41.5	28.4	68.4





#9

Benzaldehyde

Concen: 11.486 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Instrument :

BNA_F

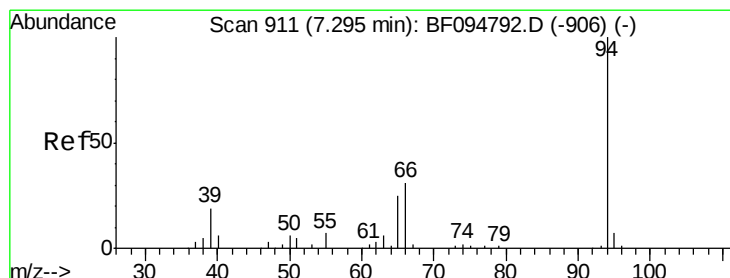
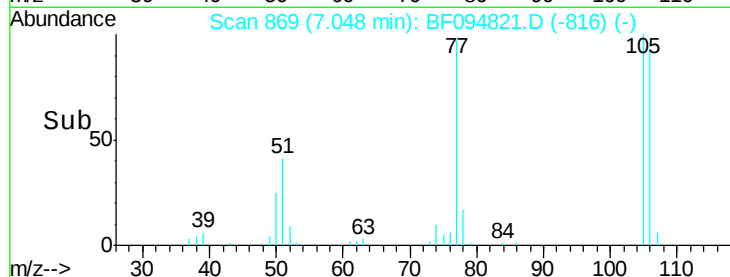
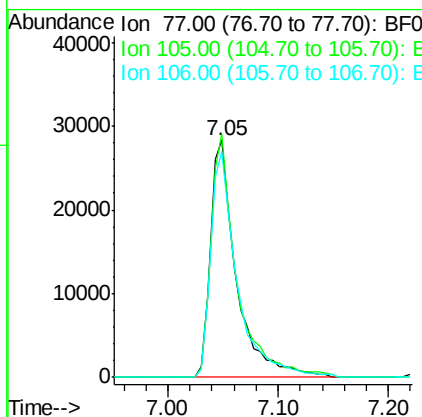
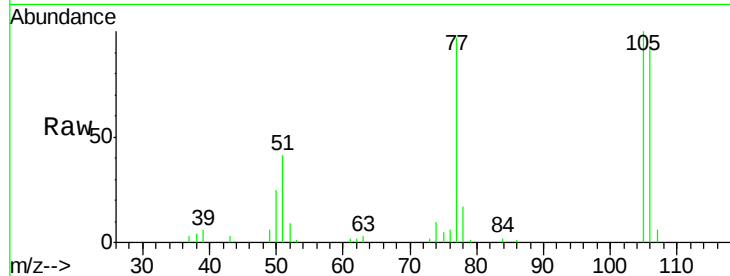
ClientSampleId :

PB98658BS

Tgt Ion:	77	Resp:	45521
Ion	Ratio	Lower	Upper
77	100		
105	102.8	83.8	123.8
106	95.4	79.1	119.1

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#10

Phenol

Concen: 44.278 ng

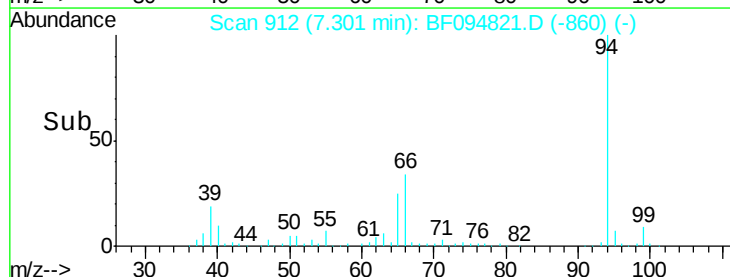
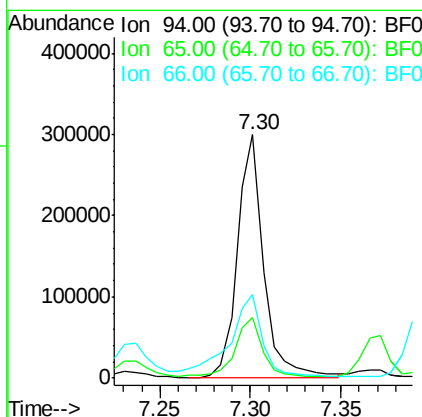
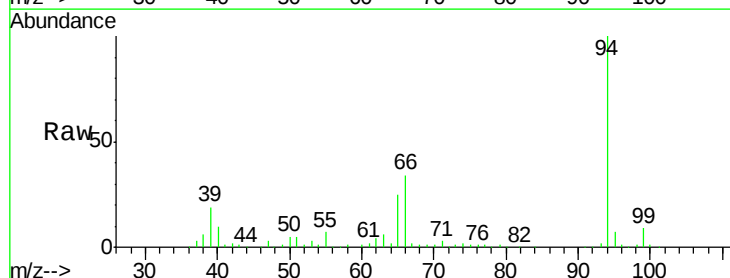
RT: 7.30 min Scan# 912

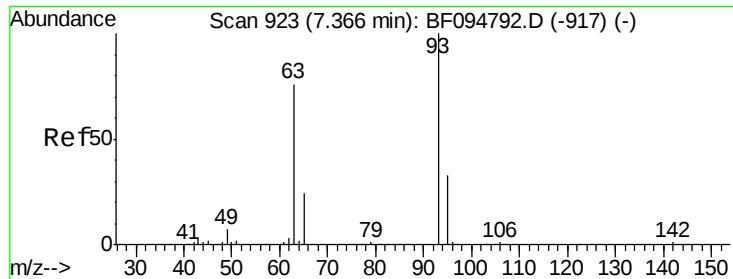
Delta R.T. 0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Tgt Ion:	94	Resp:	302835
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	34.3	23.1	63.1





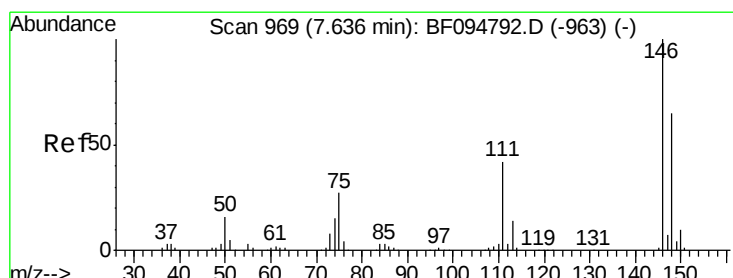
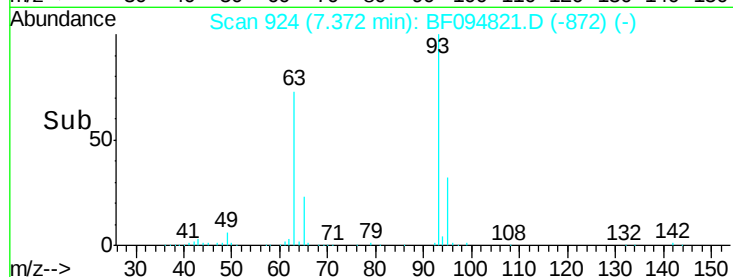
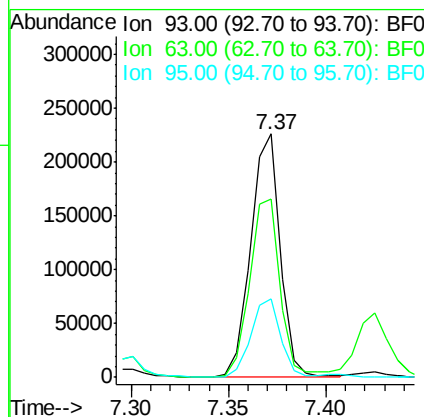
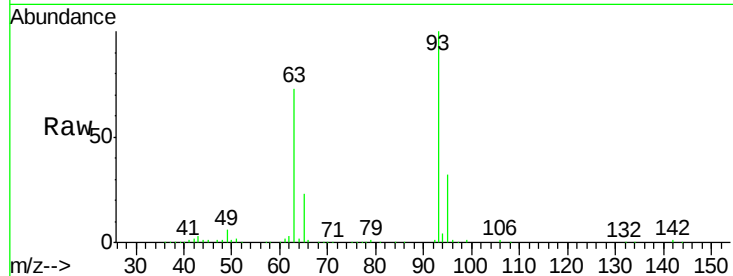
#11
bis(2-Chloroethyl)ether
Concen: 42.002 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion:	93	Resp:	237155
Ion Ratio	Lower	Upper	
93	100		
63	73.4	59.2	99.2
95	32.2	12.8	52.8

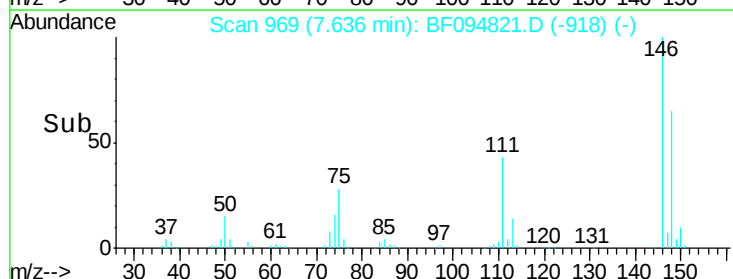
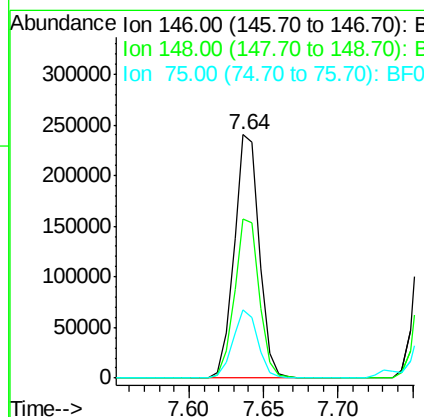
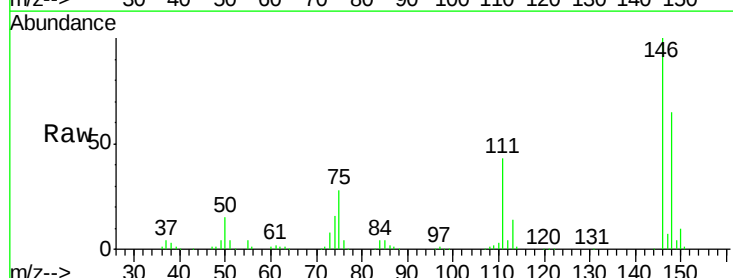
Manual Integrations
APPROVED

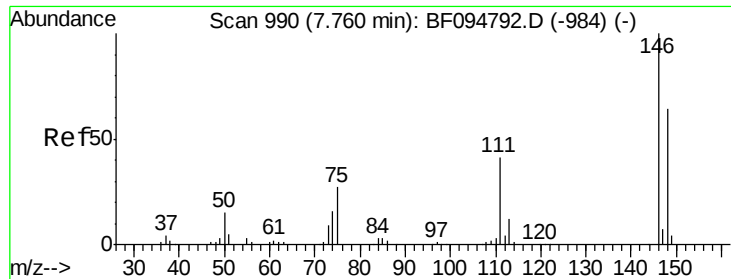
mohammad
5/4/2017 1:44:46 PM



#12
1,3-Dichlorobenzene
Concen: 40.694 ng
RT: 7.64 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion:	146	Resp:	284216
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.6
75	28.0	23.1	34.7





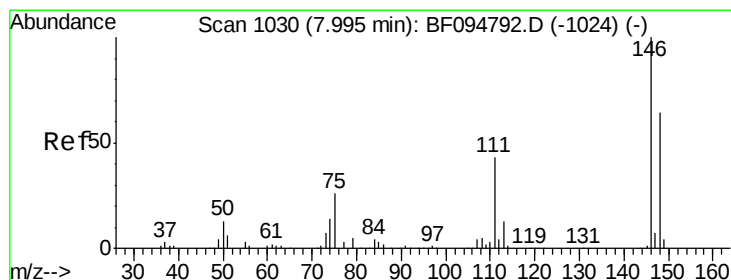
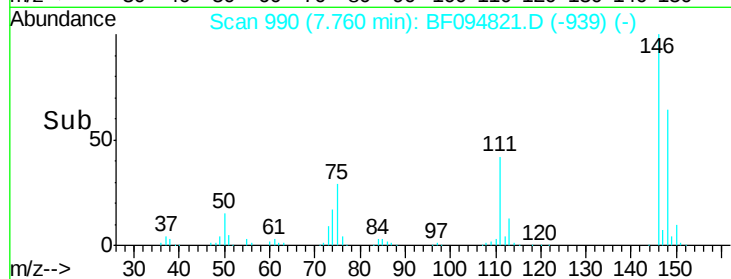
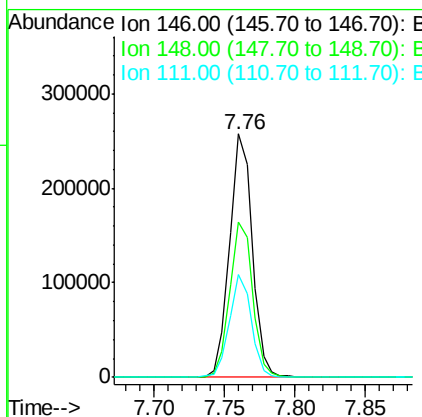
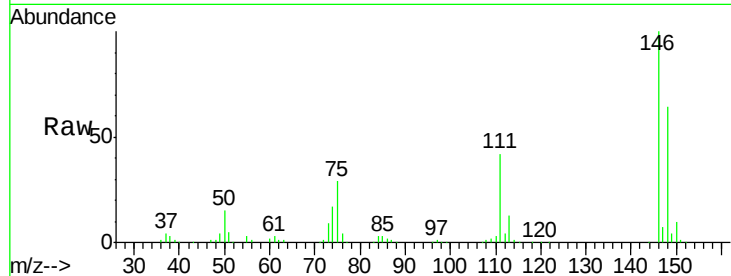
#13
 1,4-Dichlorobenzene
 Concen: 40.875 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	289516		
148	63.6	52.2	78.2	
111	42.1	30.3	45.5	

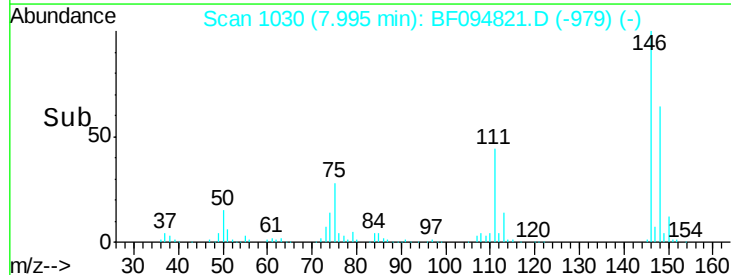
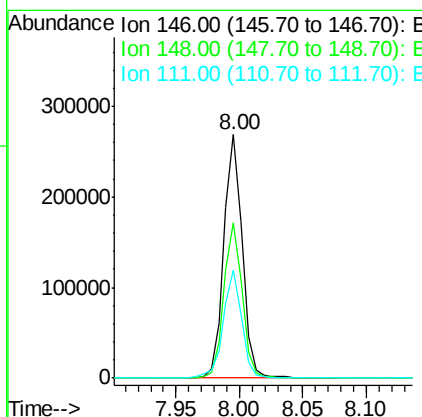
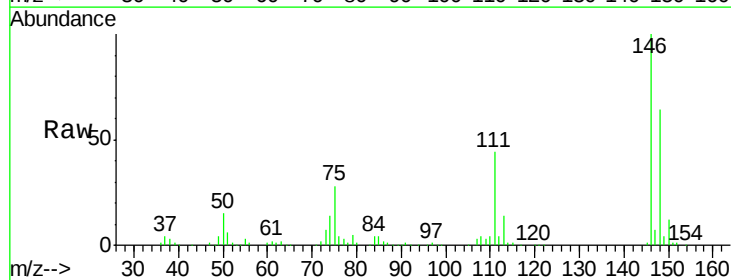
Manual Integrations
 APPROVED

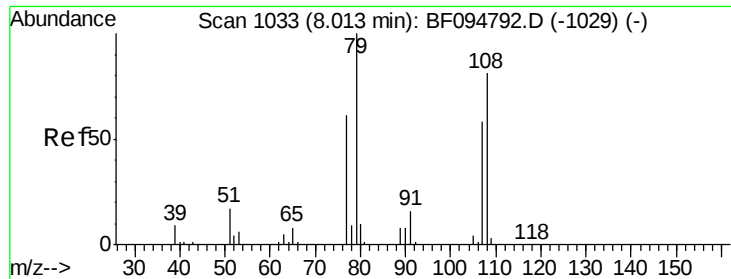
mohammad
 5/4/2017 1:44:46 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.013 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	271151		
148	63.9	50.4	75.6	
111	44.3	38.2	57.4	





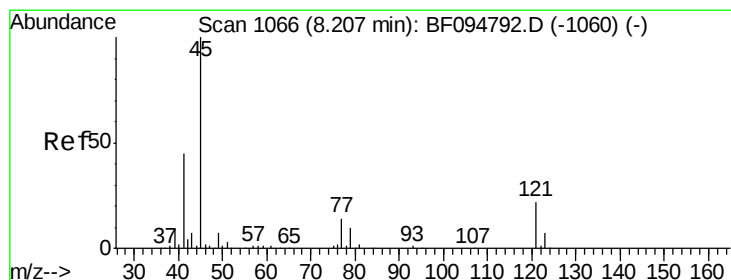
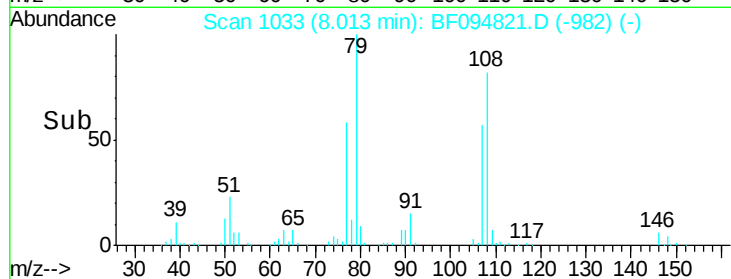
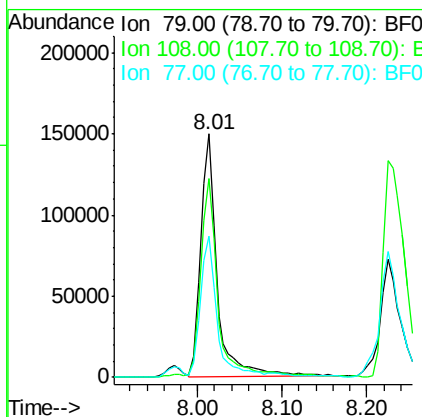
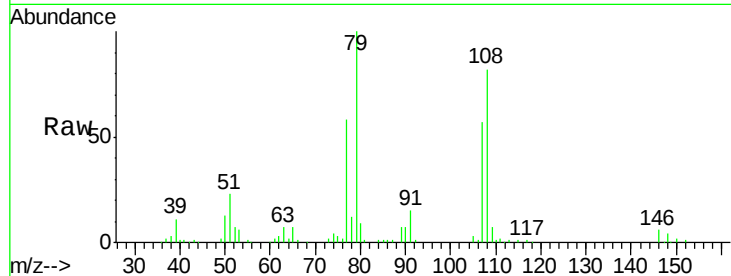
#15
Benzyl Alcohol
Concen: 48.596 ng
RT: 8.01 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	202866		
108	81.9	63.4	95.0	
77	58.2	49.2	73.8	

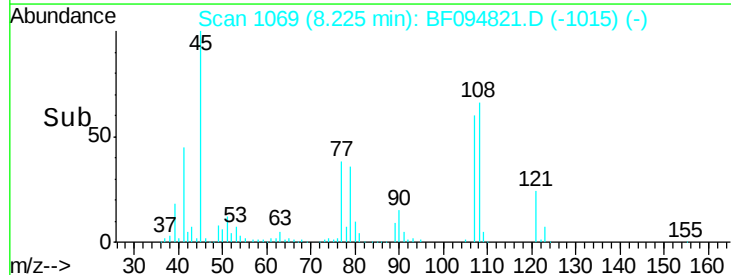
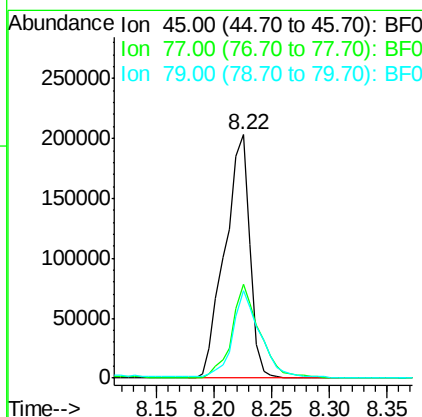
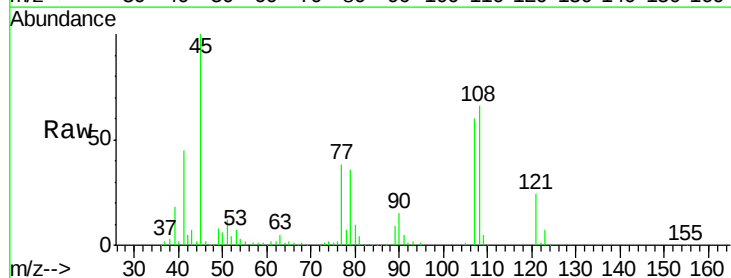
Manual Integrations
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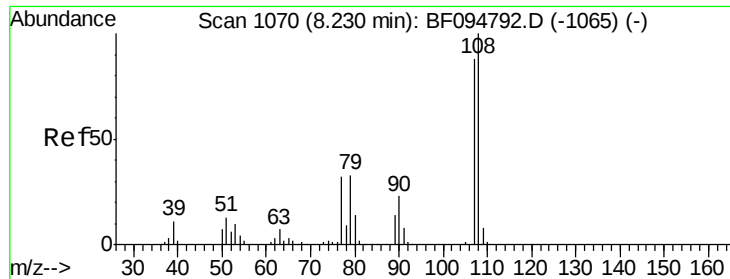
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.984 ng
RT: 8.22 min Scan# 1069
Delta R.T. 0.02 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	303549		
77	38.3	0.0	33.2#	
79	36.0	0.0	30.0#	





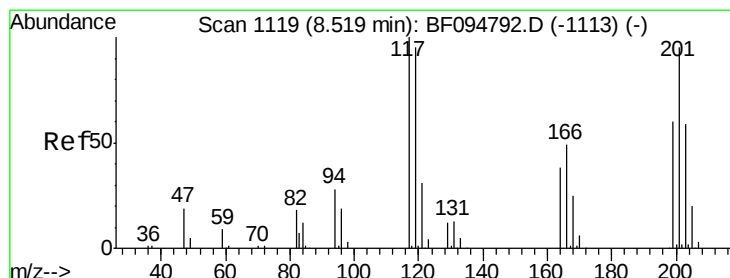
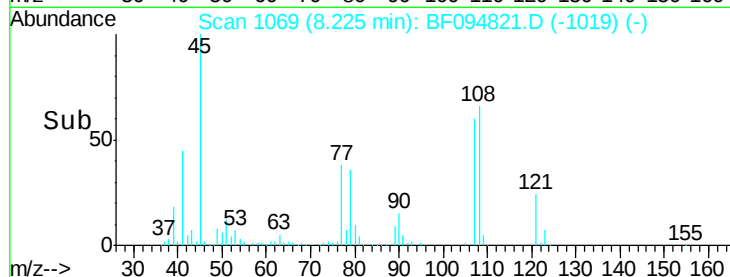
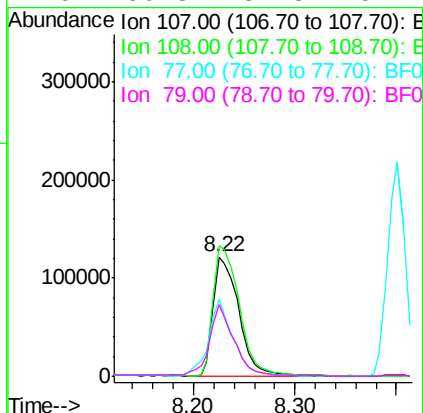
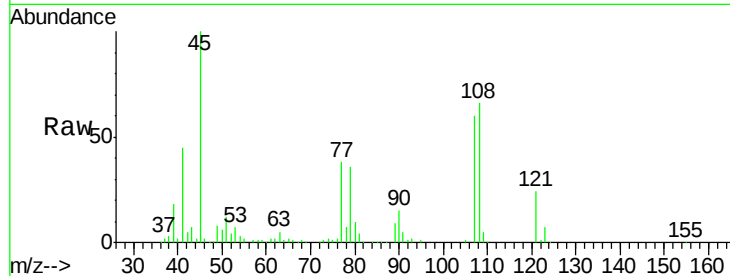
#17
2-Methylphenol
Concen: 42.305 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	213164		
108	109.8	93.4	140.0	
77	64.2	35.8	53.6#	
79	60.3	34.8	52.2#	

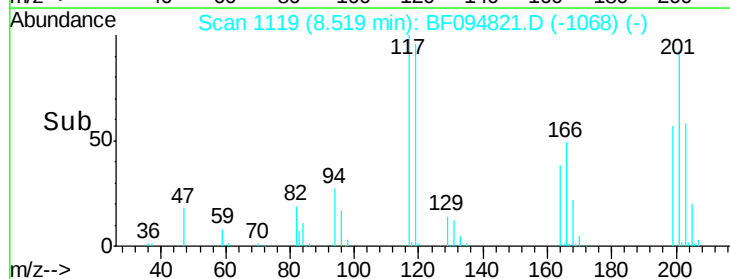
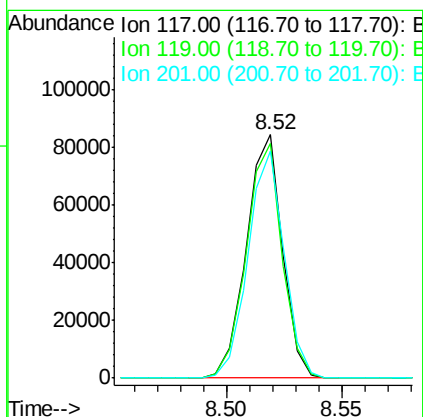
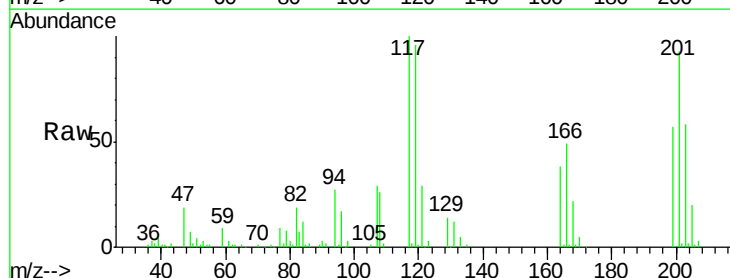
Manual Integrations
APPROVED

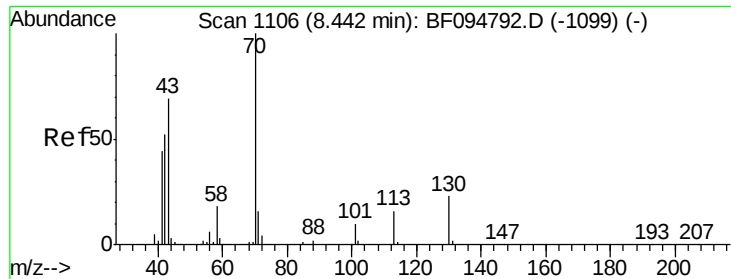
mohammad
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#18
Hexachloroethane
Concen: 38.300 ng
RT: 8.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	91895		
119	96.2	77.4	116.0	
201	93.3	94.6	141.8#	





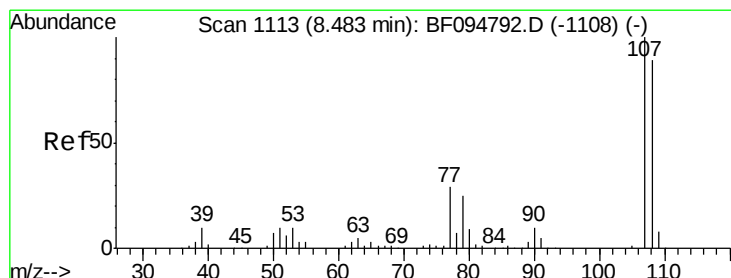
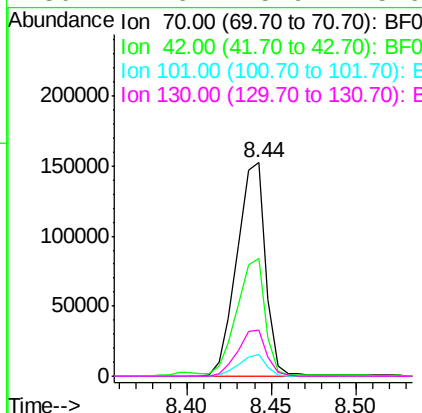
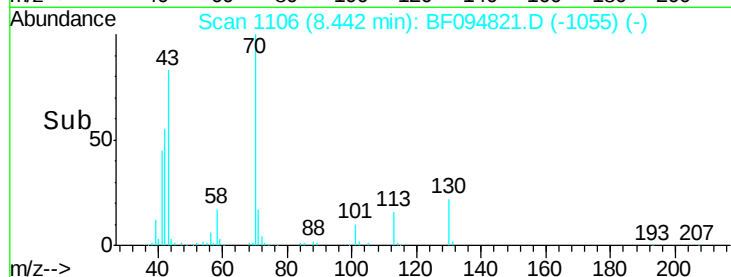
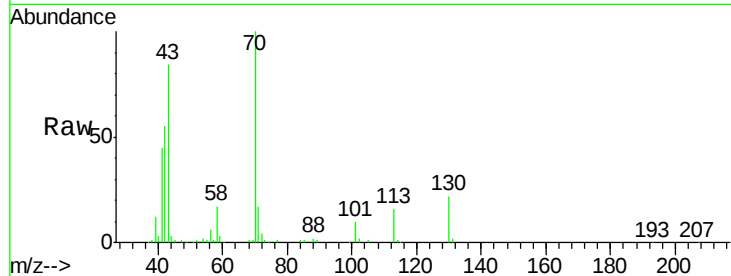
#19
n-Nitroso-di-n-propylamine
Concen: 41.256 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.2	70.8
101	10.0	7.2	10.8
130	21.6	15.9	23.9

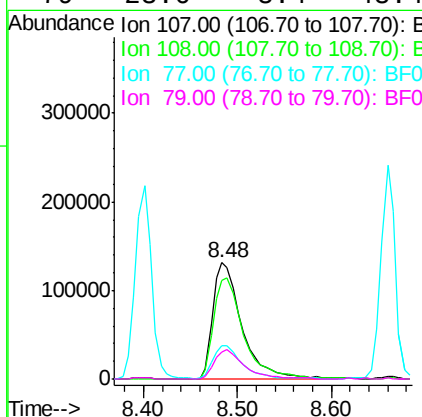
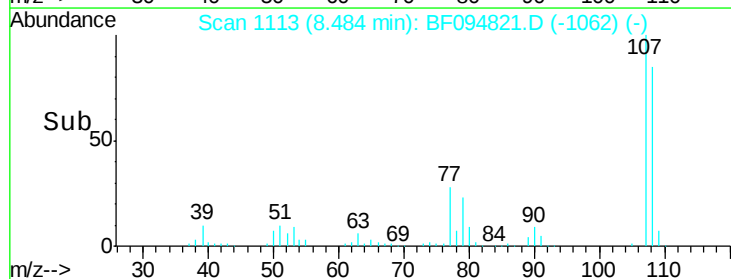
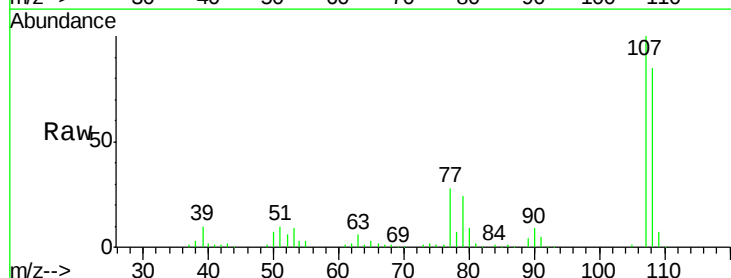
Manual Integrations
APPROVED

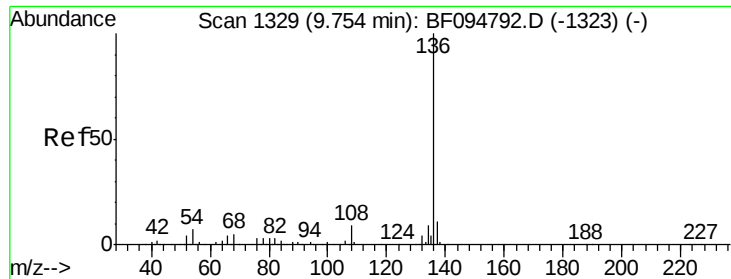
mohammad
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#20
3+4-Methylphenols
Concen: 41.894 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	71.0	111.0
77	28.4	90.5	130.5#
79	23.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Instrument :

BNA_F

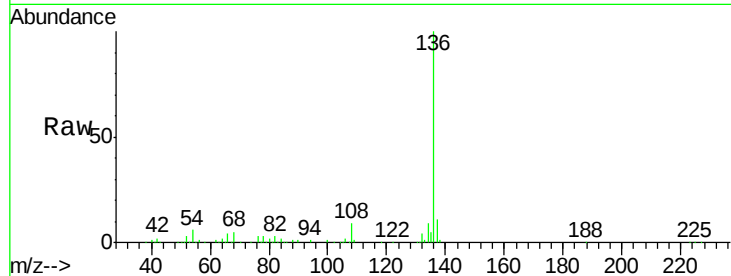
ClientSampleId :

PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	368941		
137	10.6	8.5	12.7	
54	6.5	4.9	7.3	
68	5.2	4.1	6.1	

Manual Integrations
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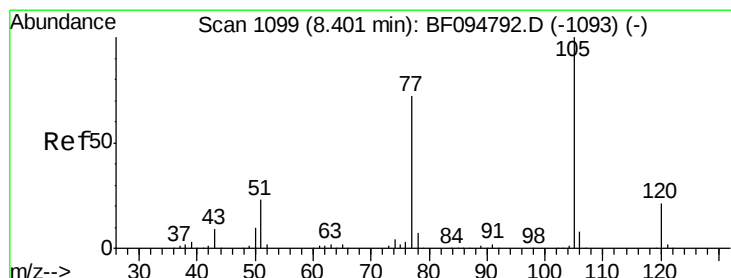
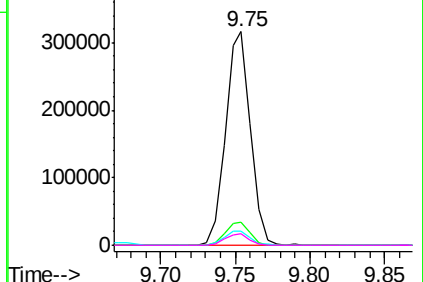
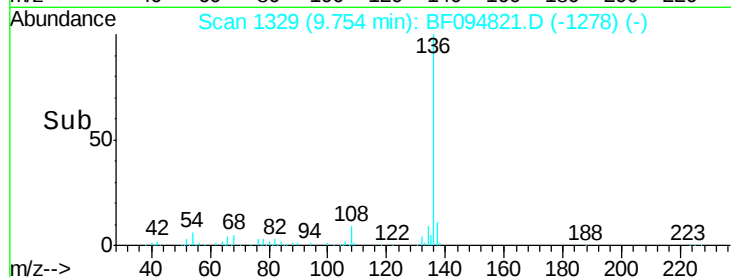


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.189 ng

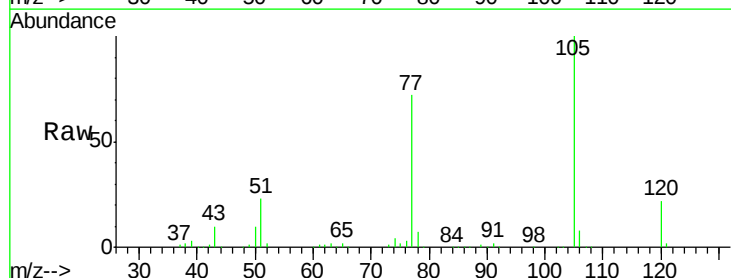
RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	364605		
71	0.0	2.8	4.2#	
51	23.5	30.7	46.1#	
120	22.5	17.4	26.0	

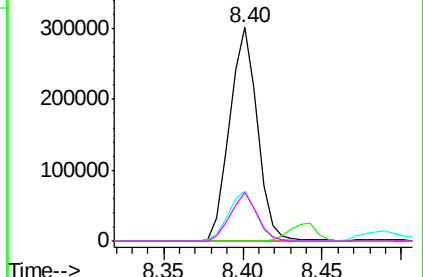
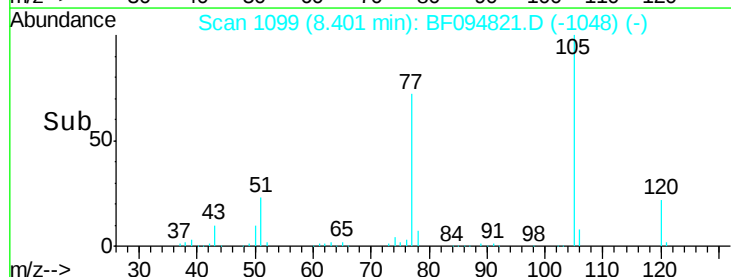


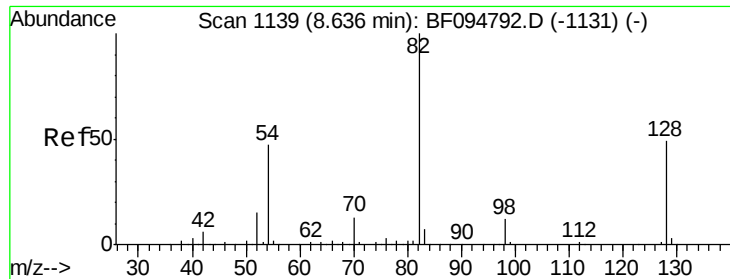
Abundance Ion 105.00 (104.70 to 105.70): E

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





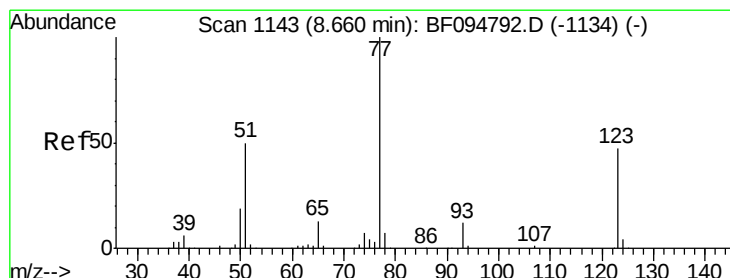
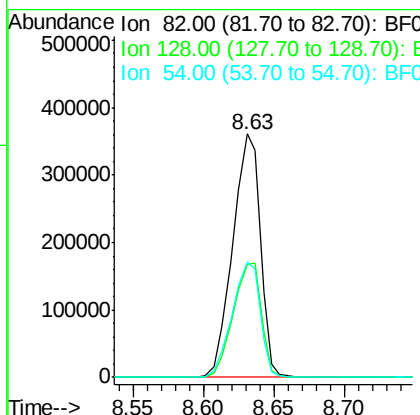
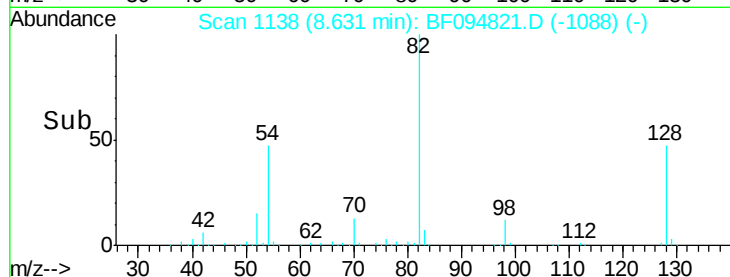
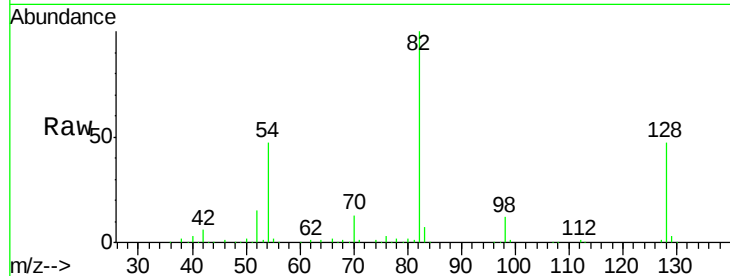
#23
 Nitrobenzene-d5
 Concen: 84.037 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampled :
 PB98658BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.5	42.2	63.2

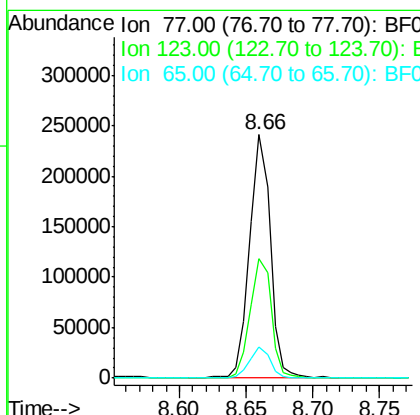
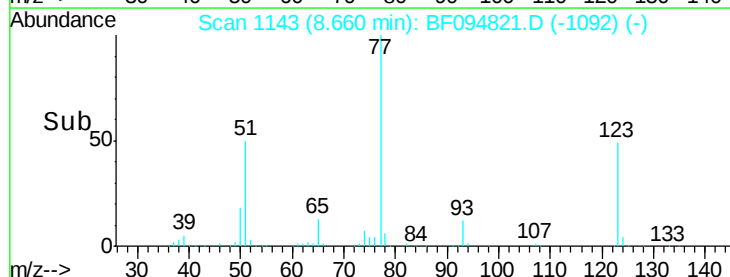
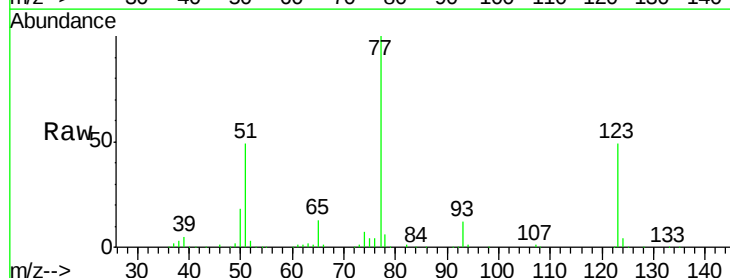
Manual Integrations
 APPROVED

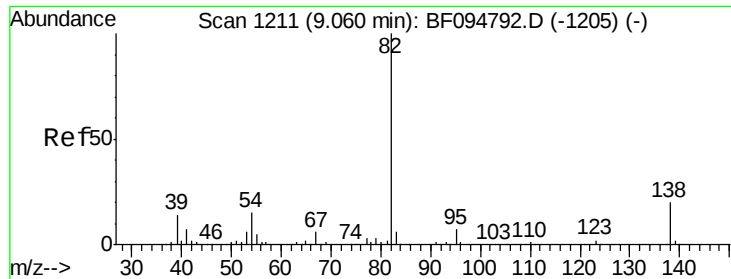
mohammad
 5/4/2017 1:44:46 PM



#24
 Nitrobenzene
 Concen: 41.634 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	49.0	35.8	53.8
65	13.0	10.6	15.8





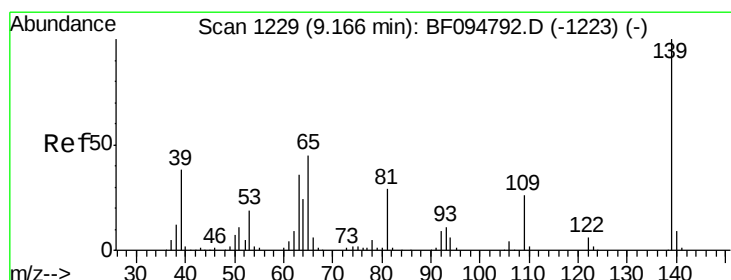
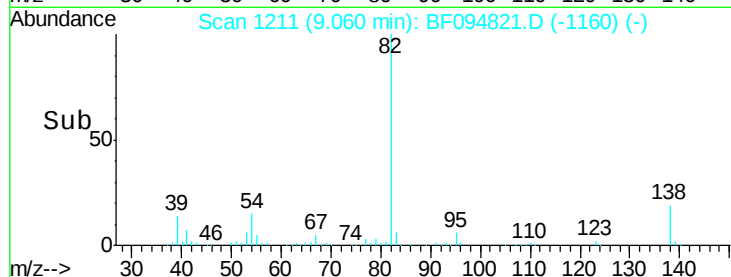
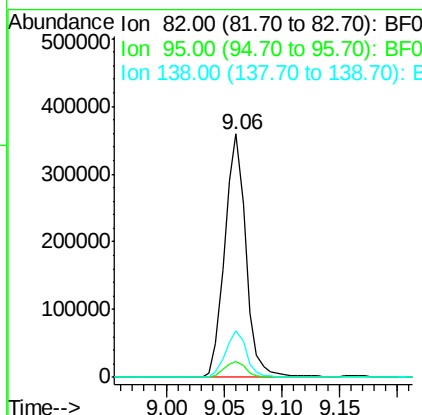
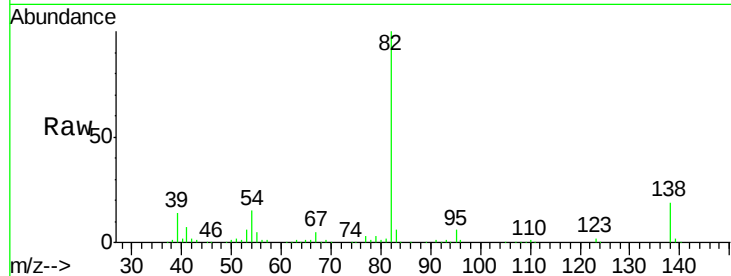
#25
Isophorone
Concen: 43.777 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	457353		
95	6.5	5.3	7.9	
138	19.1	13.1	19.7	

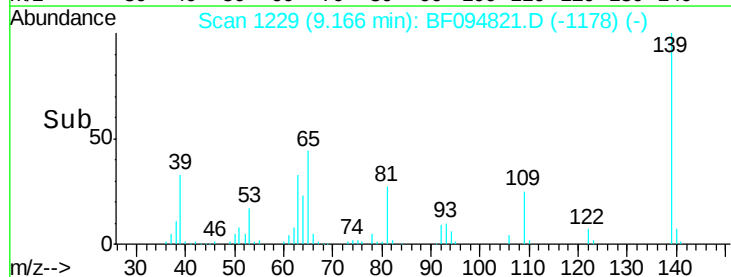
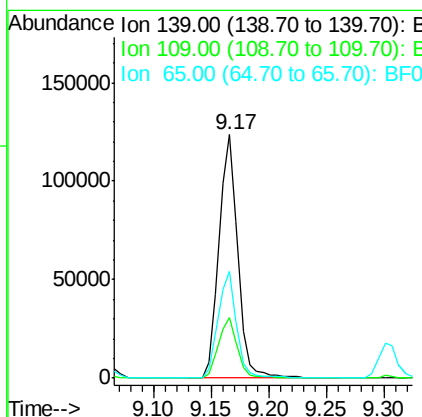
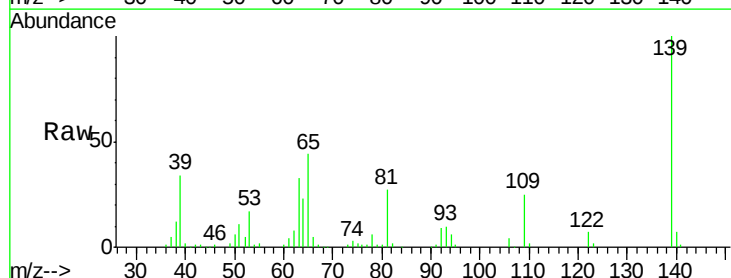
Manual Integrations
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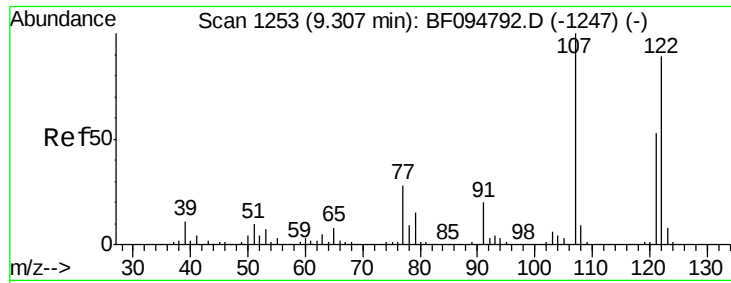
mohammad
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#26
2-Nitrophenol
Concen: 42.353 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140152		
109	25.0	21.0	31.6	
65	44.0	33.0	49.6	





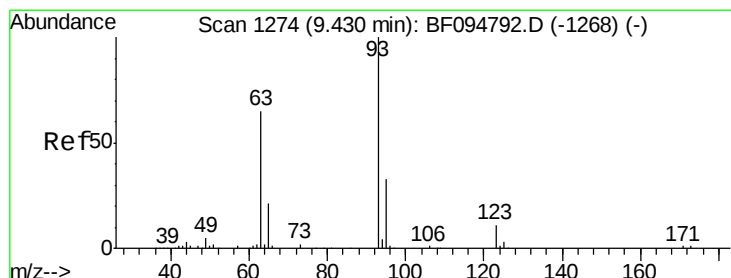
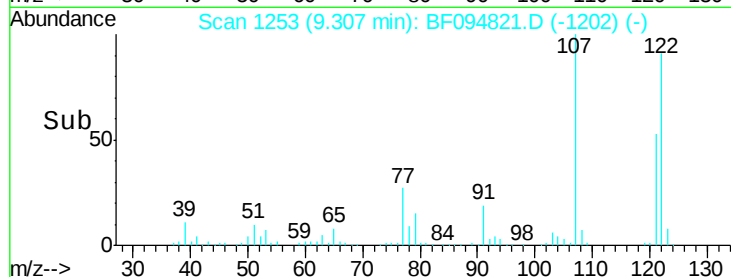
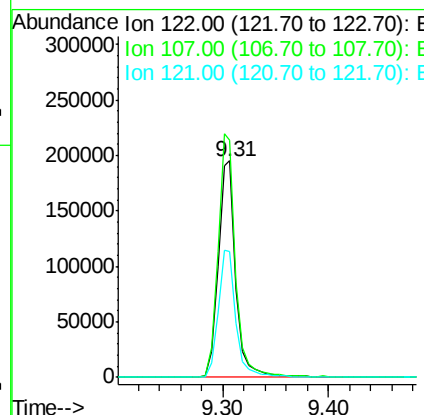
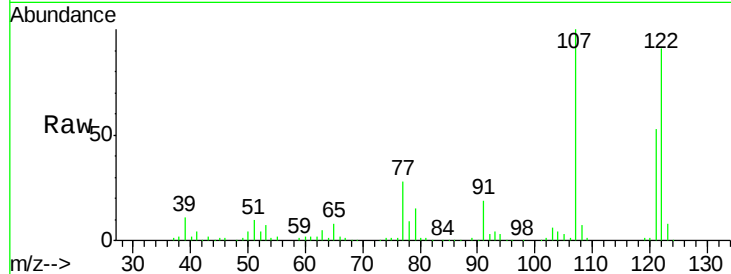
#27
 2,4-Dimethylphenol
 Concen: 43.149 ng
 RT: 9.31 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampled :
 PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	230856		
107	109.8	89.2	133.8	
121	58.0	45.2	67.8	

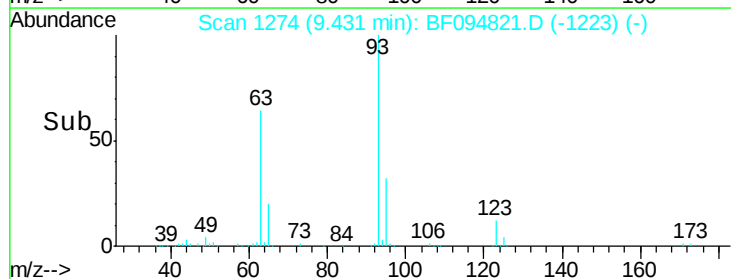
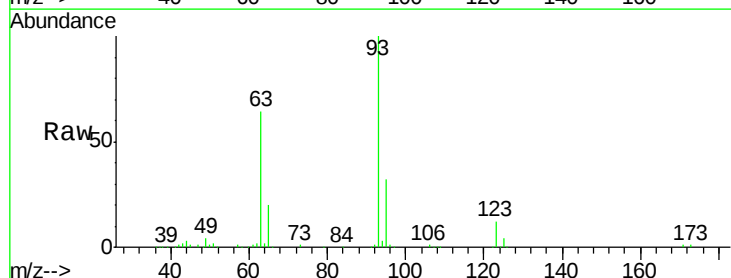
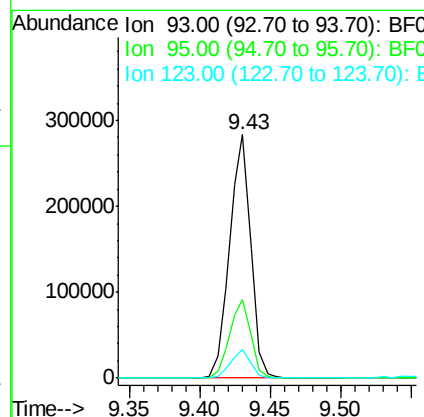
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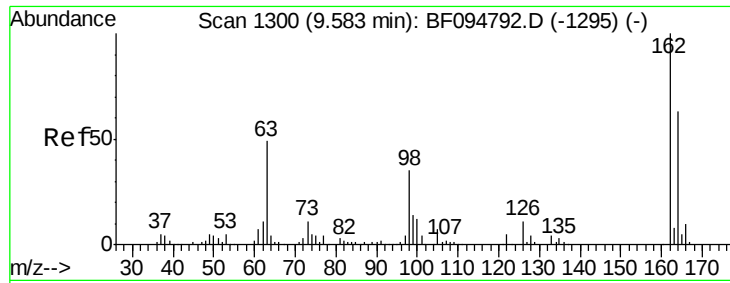
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.697 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	294128		
95	32.1	26.5	39.7	
123	11.9	9.0	13.4	





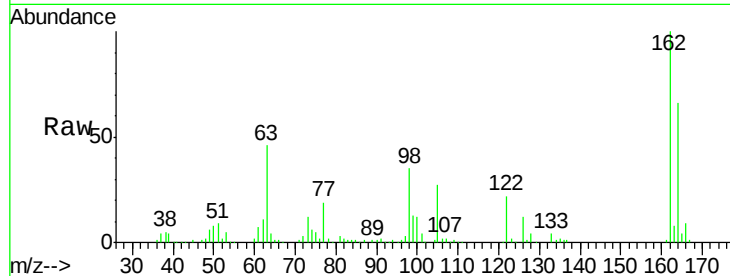
#29
 2,4-Dichlorophenol
 Concen: 43.721 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

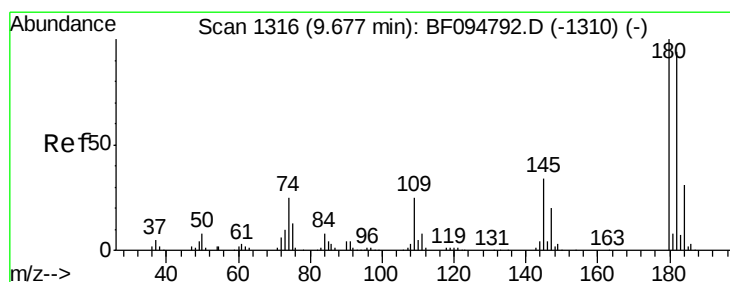
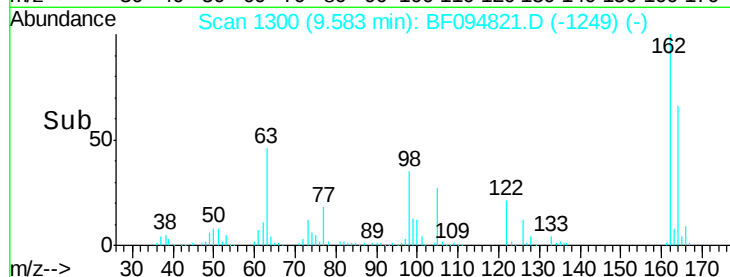
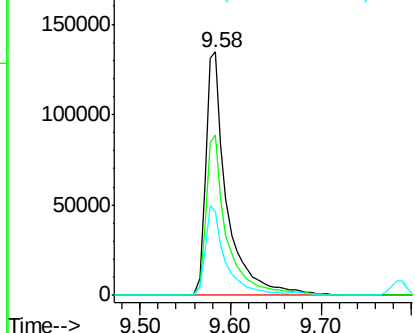
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	220866		
164	65.7	44.6	84.6	
98	34.5	14.8	54.8	

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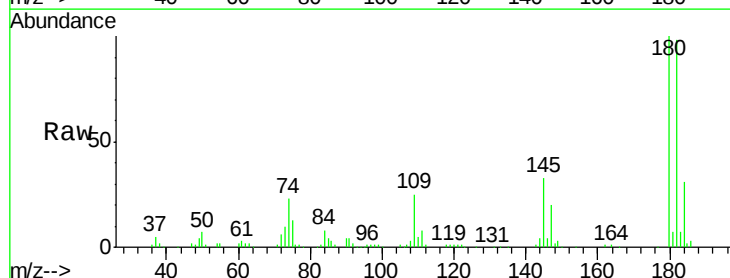


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

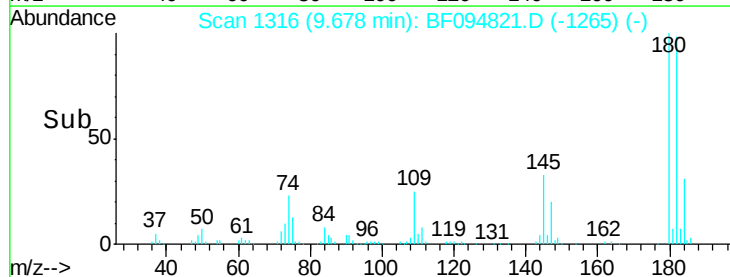
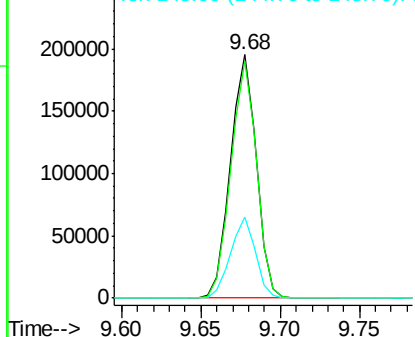


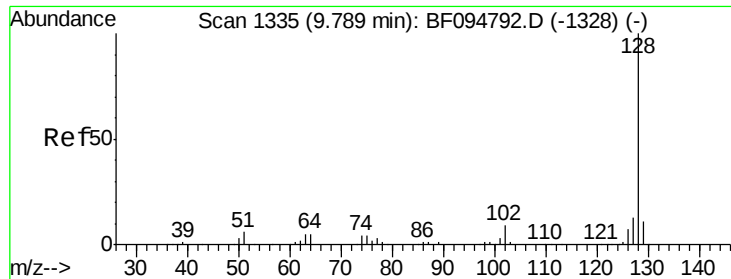
#30
 1,2,4-Trichlorobenzene
 Concen: 40.899 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	221351		
182	97.6	75.8	113.6	
145	33.4	25.3	37.9	



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





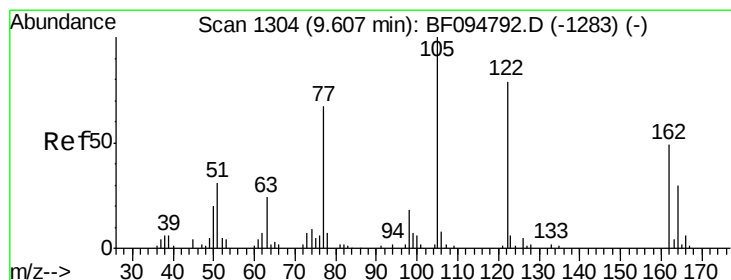
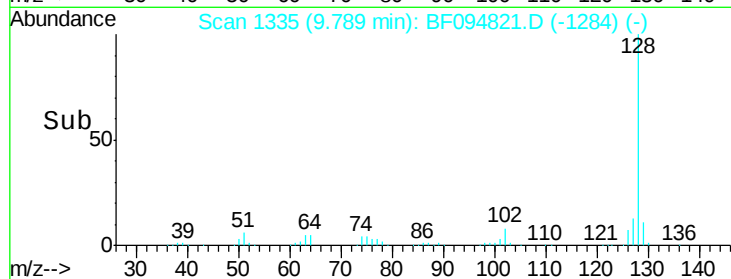
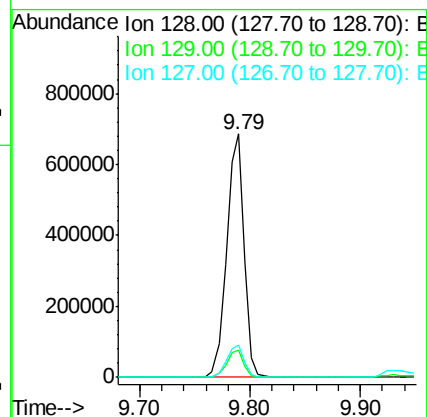
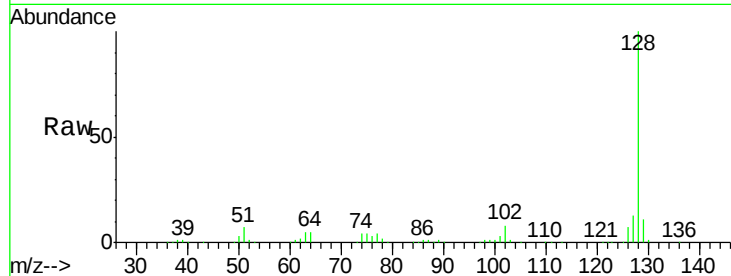
#31
Naphthalene
Concen: 40.262 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.8	16.2

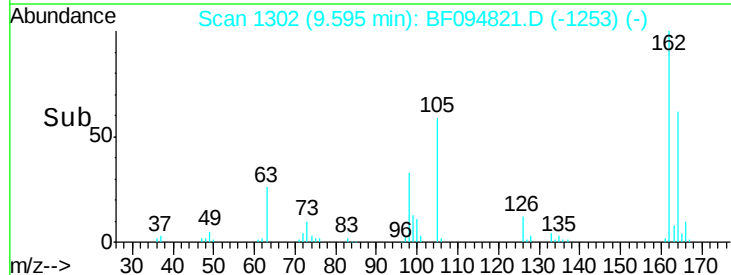
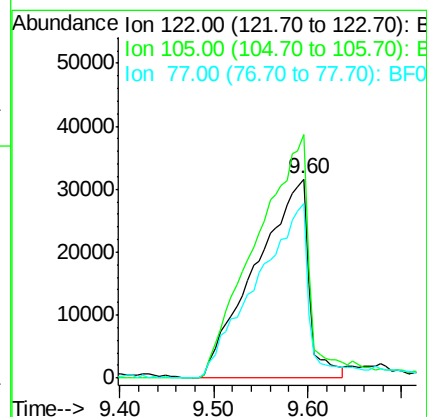
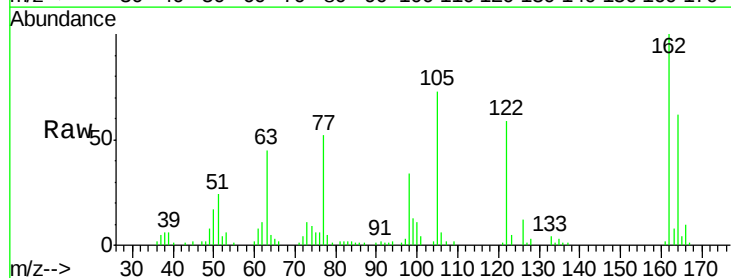
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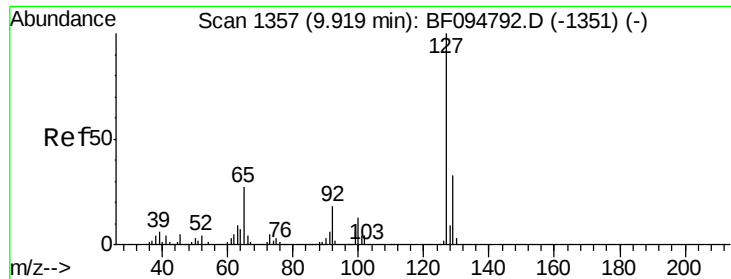
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#32
Benzoic acid
Concen: 36.588 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	122.4	103.3	143.3
77	87.5	73.7	113.7





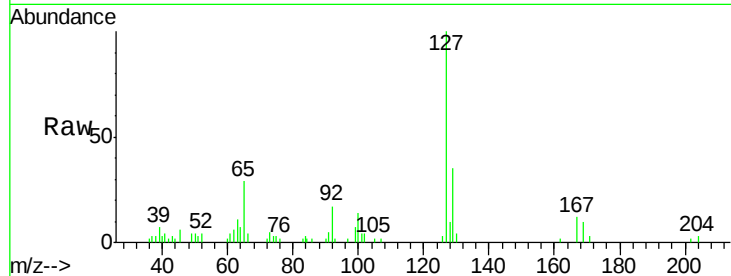
#33
4-Chloroaniline
Concen: 8.063 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

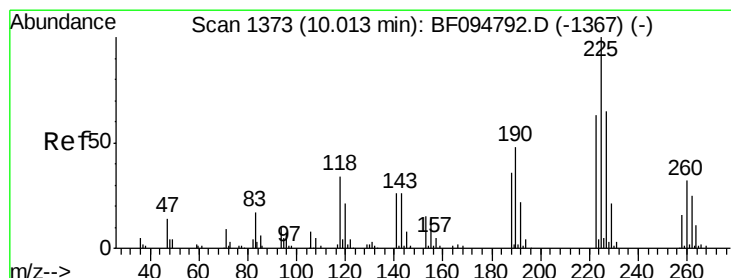
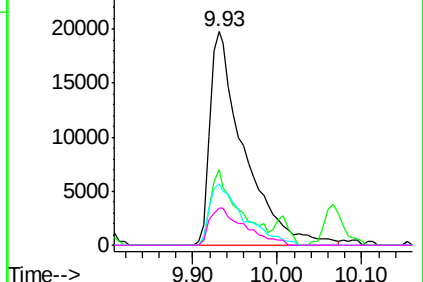
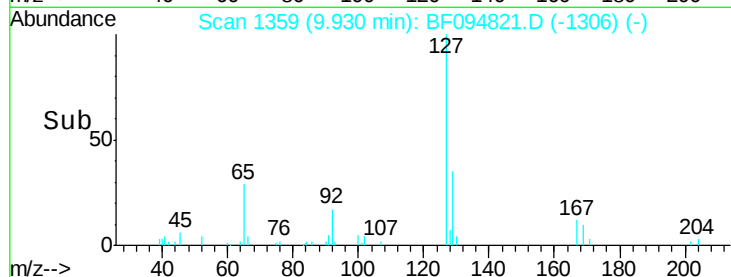
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	55717		
129	35.4	26.2	39.2	
65	28.7	27.8	41.8	
92	17.3	16.8	25.2	

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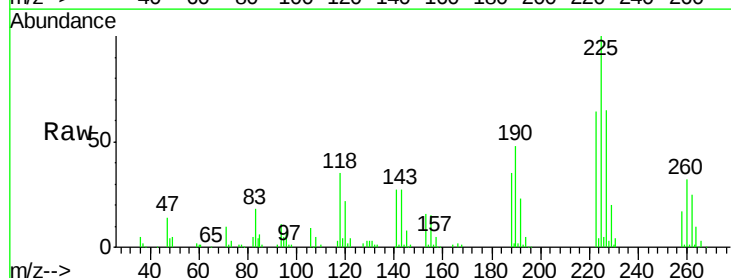


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

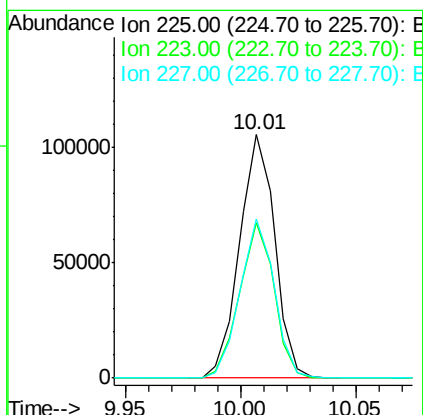
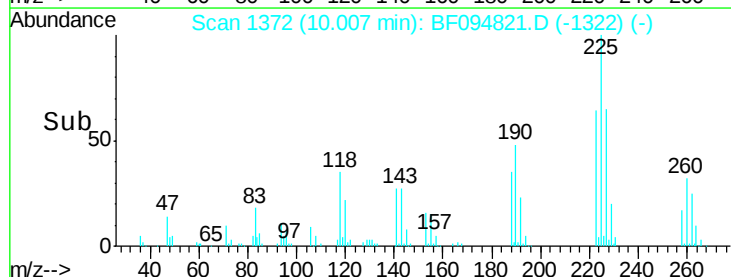


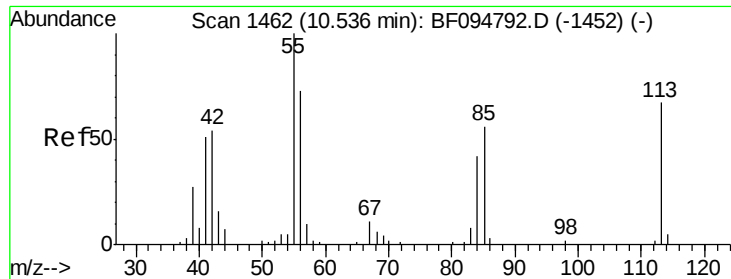
#34
Hexachlorobutadiene
Concen: 39.392 ng
RT: 10.01 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112492		
223	63.9	48.8	73.2	
227	65.3	51.1	76.7	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





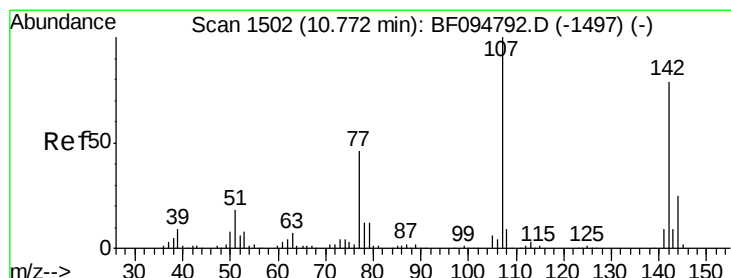
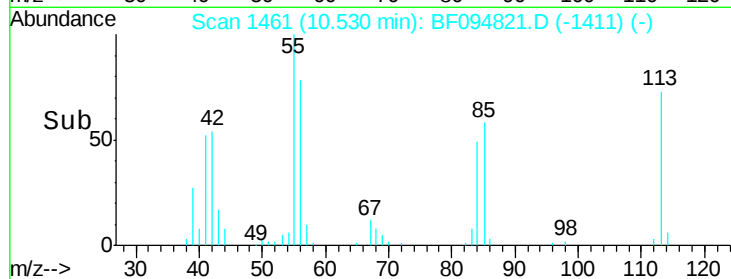
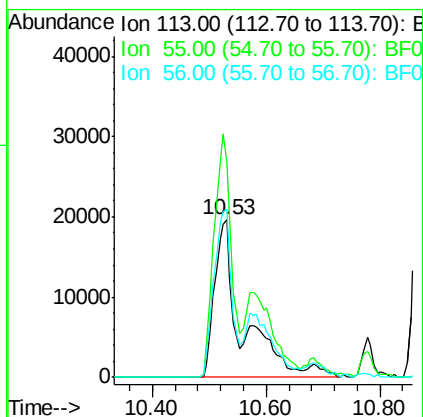
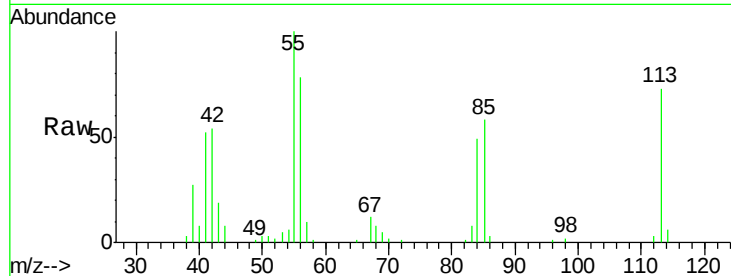
#35
 Caprolactam
 Concen: 44.376 ng m
 RT: 10.53 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion:113 Resp: 67316
 Ion Ratio Lower Upper
 113 100
 55 136.9 150.2 190.2#
 56 107.0 107.8 147.8#

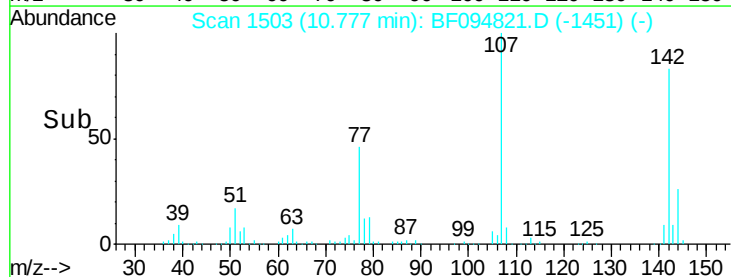
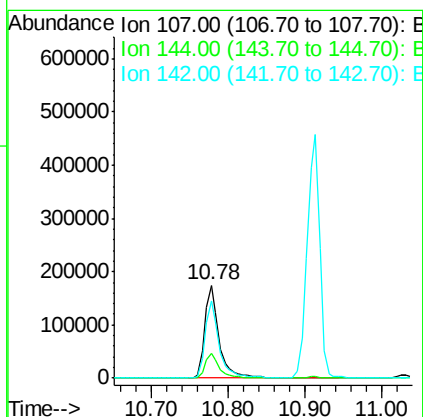
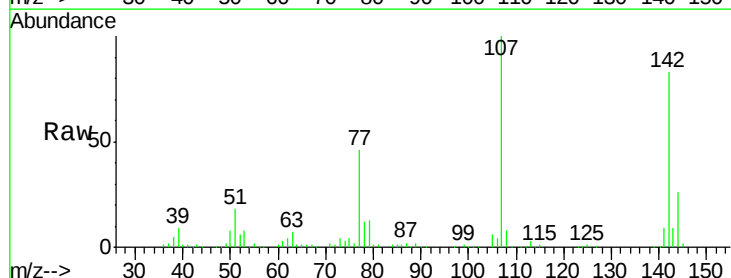
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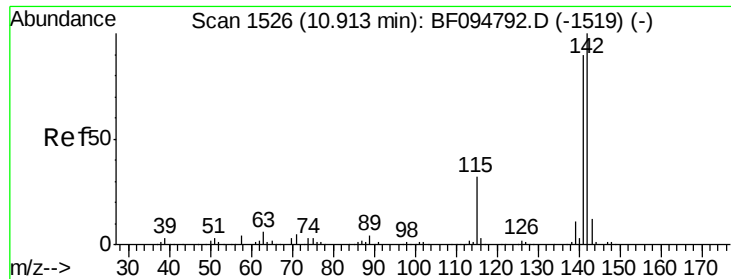
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#36
 4-Chloro-3-methylphenol
 Concen: 41.969 ng
 RT: 10.78 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion:107 Resp: 226679
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 83.2 73.4 110.0





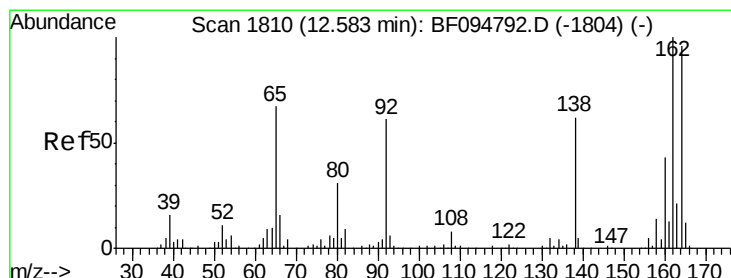
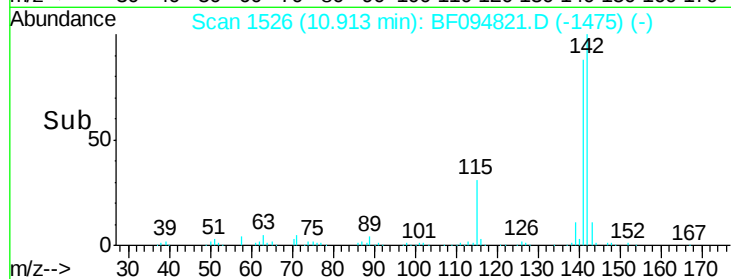
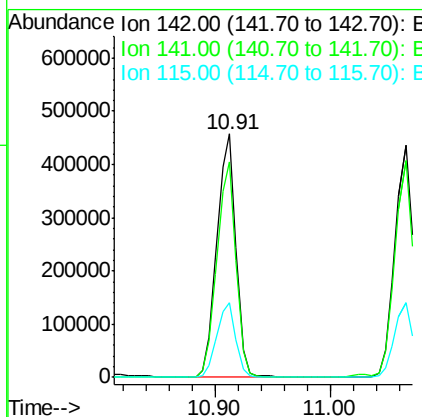
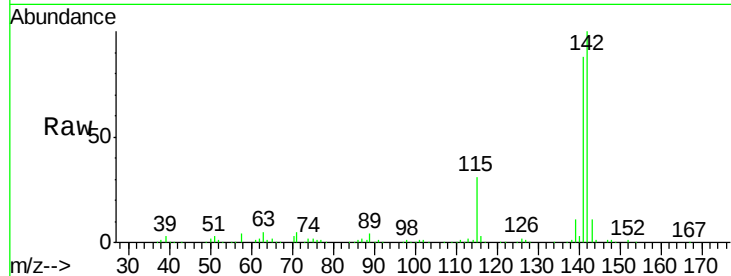
#37
 2-Methylnaphthalene
 Concen: 43.023 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	30.7	27.1	40.7

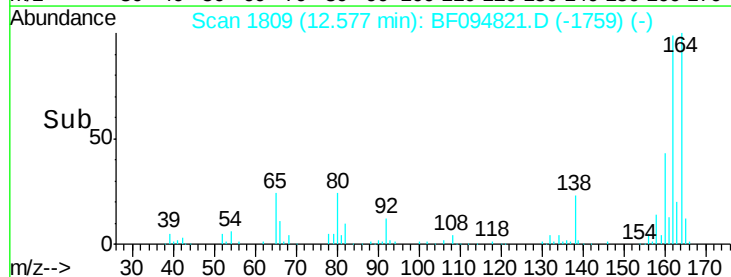
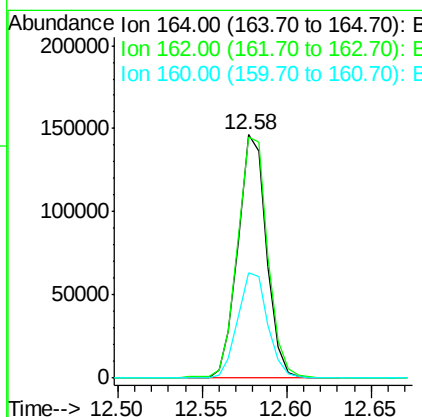
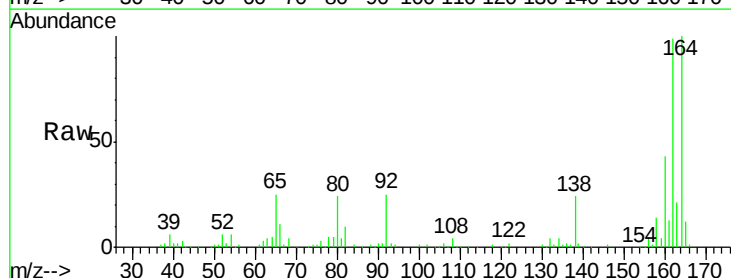
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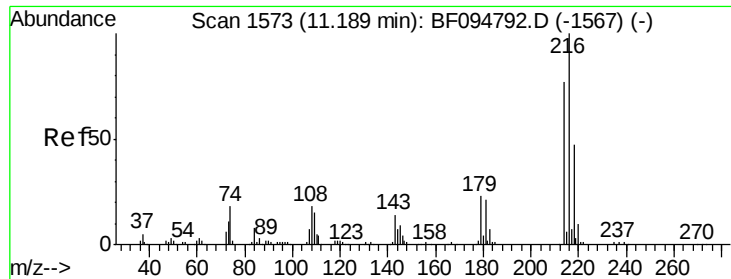
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.6	123.8
160	43.3	36.2	54.2





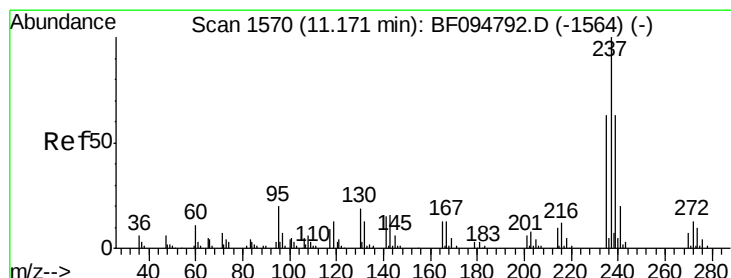
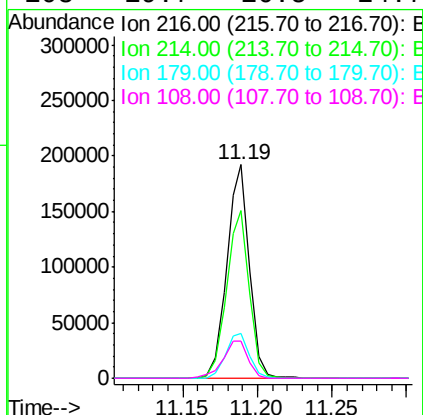
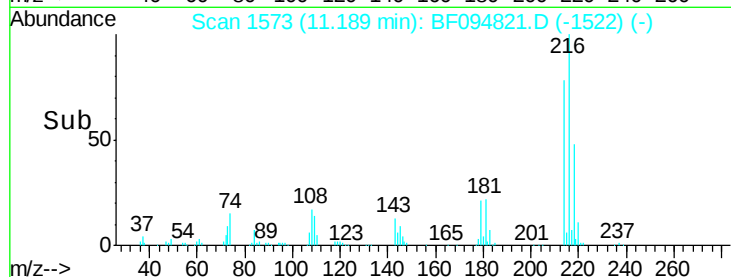
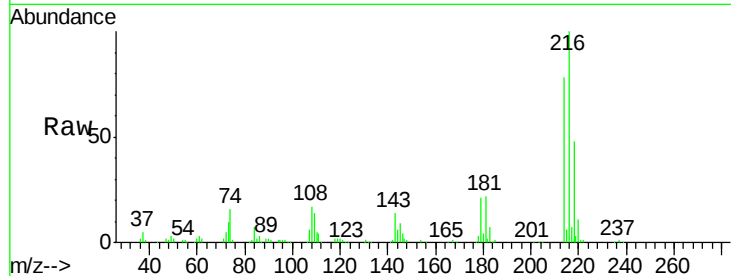
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.439 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	203949		
214	78.9	63.4	95.2	
179	22.1	17.9	26.9	
108	19.7	16.5	24.7	

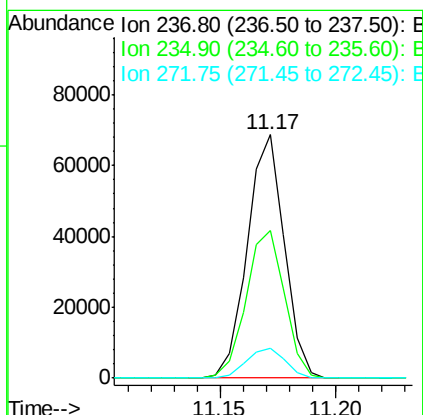
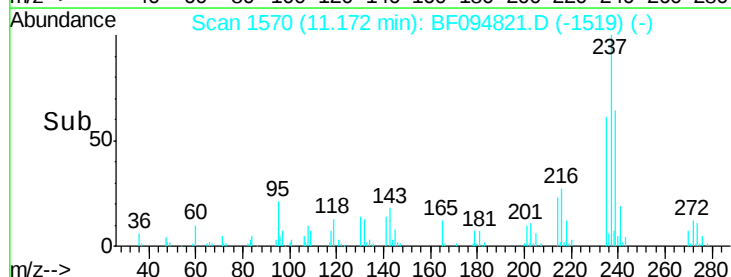
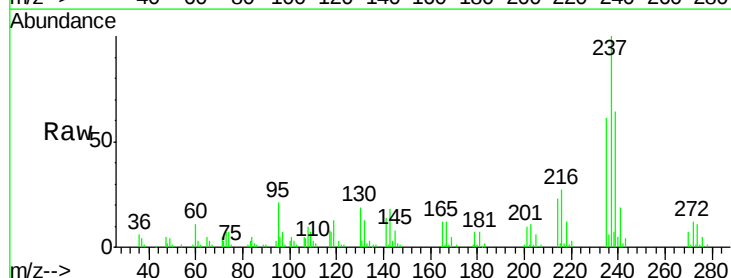
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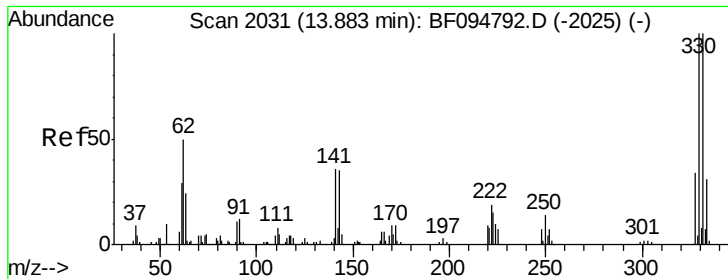
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#40
 Hexachlorocyclopentadiene
 Concen: 37.901 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	76850		
235	60.8	42.6	82.6	
272	12.3	0.0	31.9	





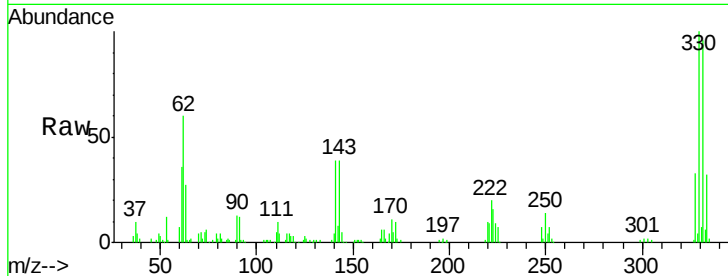
#41
 2,4,6-Tribromophenol
 Concen: 121.707 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

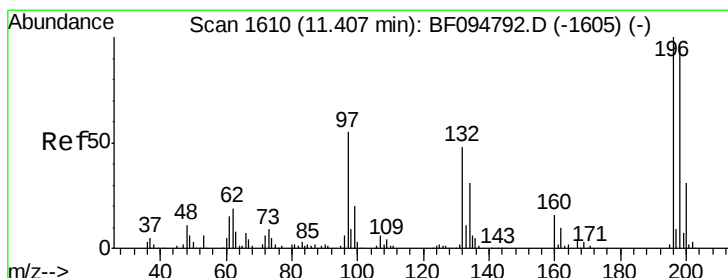
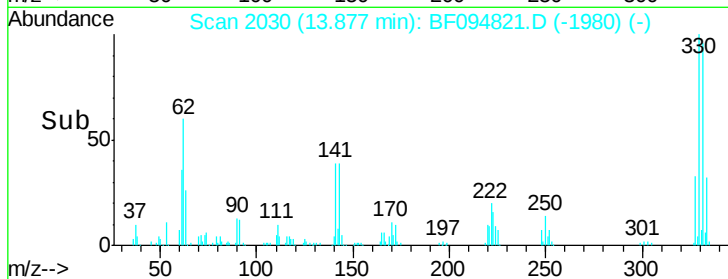
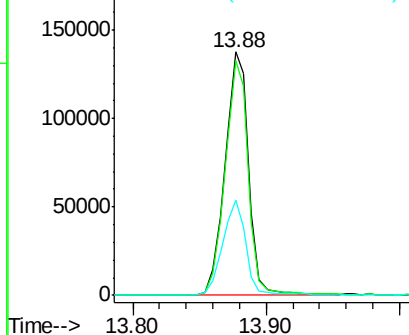
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	171971		
332	95.2	76.6	115.0	
141	38.6	31.4	47.2	

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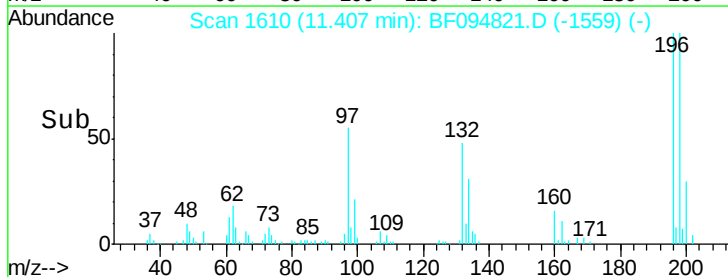
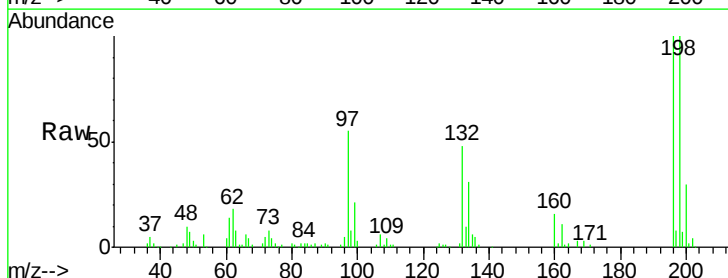
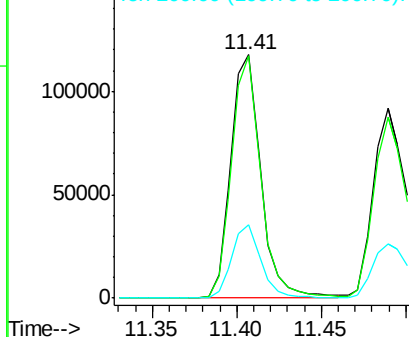
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

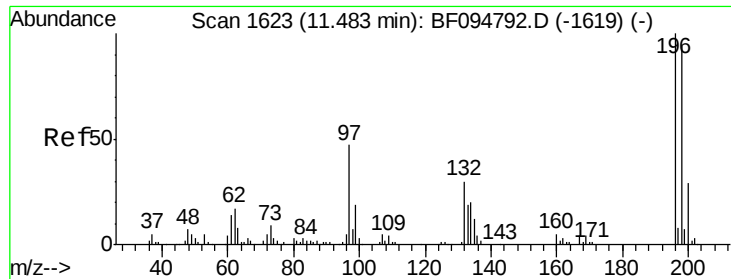


#42
 2,4,6-Trichlorophenol
 Concen: 41.142 ng
 RT: 11.41 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145749		
198	99.7	74.2	111.4	
200	30.2	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





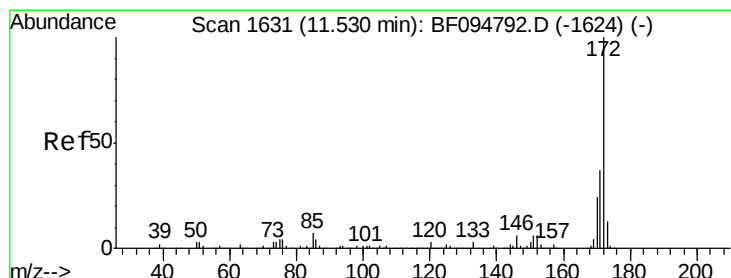
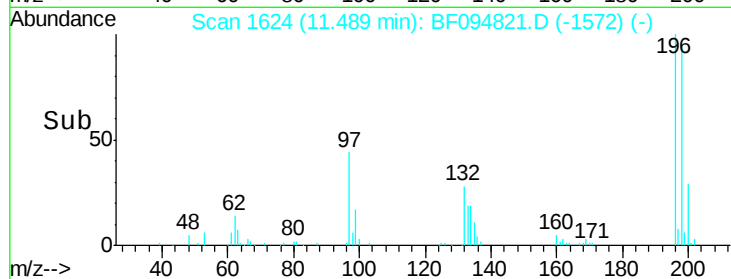
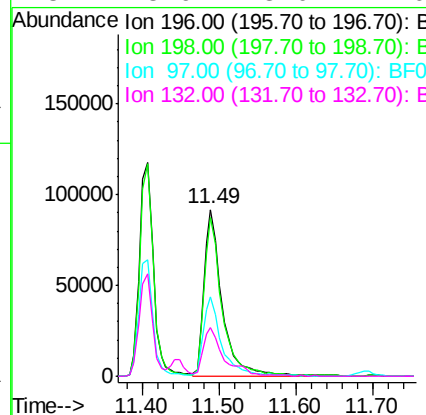
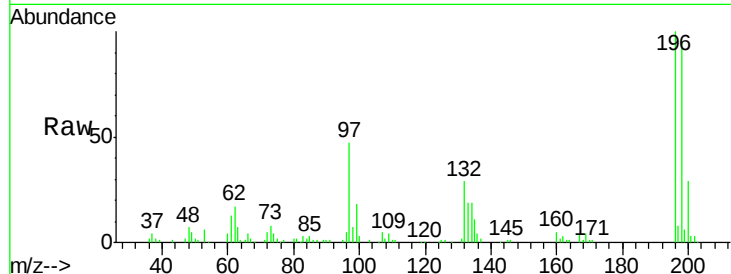
#43
 2,4,5-Trichlorophenol
 Concen: 39.800 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.4	75.7	113.5
97	47.3	47.7	71.5#
132	28.9	28.0	42.0

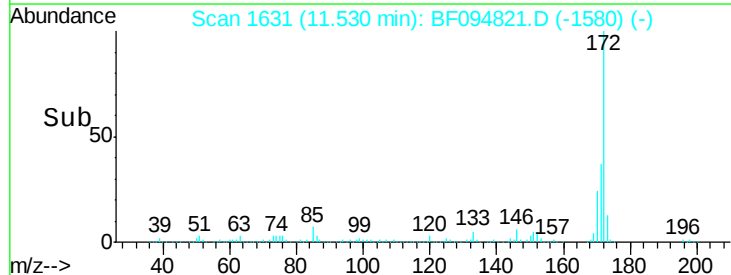
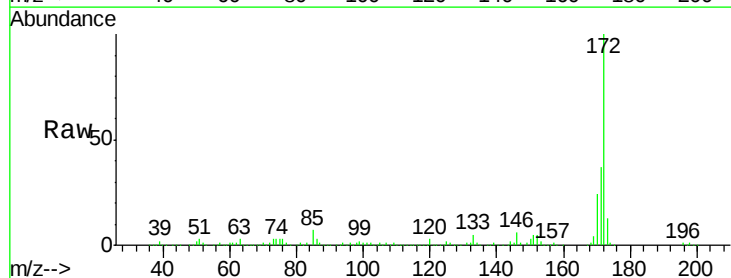
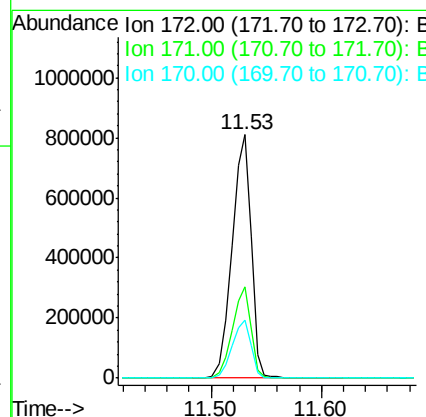
Manual Integrations
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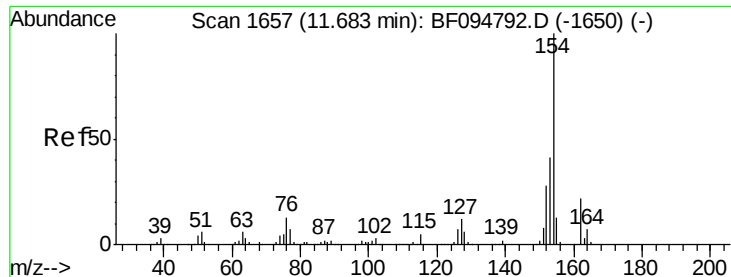
mohammad
 5/4/2017 1:44:46 PM



#44
 2-Fluorobiphenyl
 Concen: 82.114 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	37.3	29.6	44.4
170	24.1	19.8	29.8





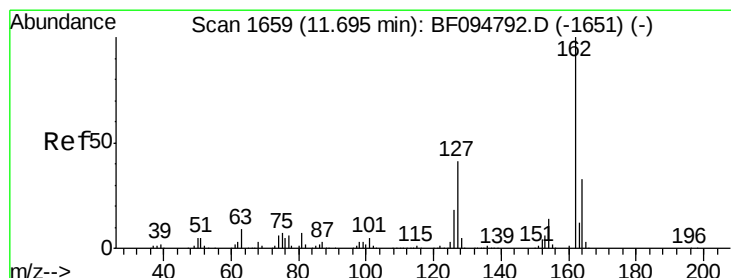
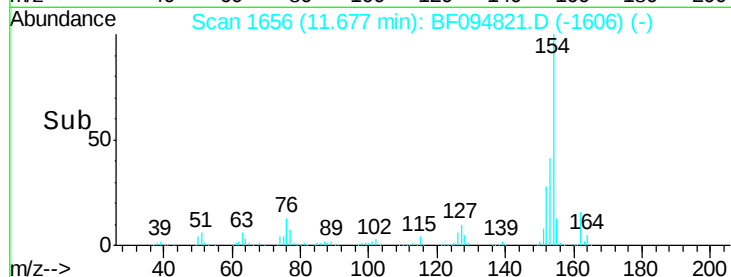
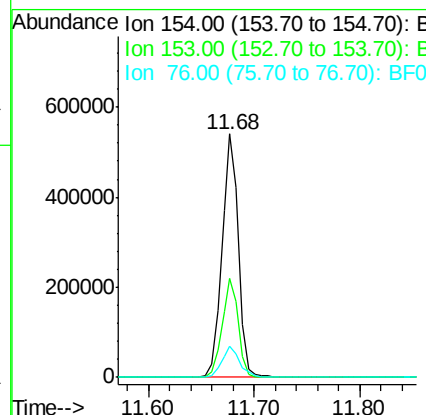
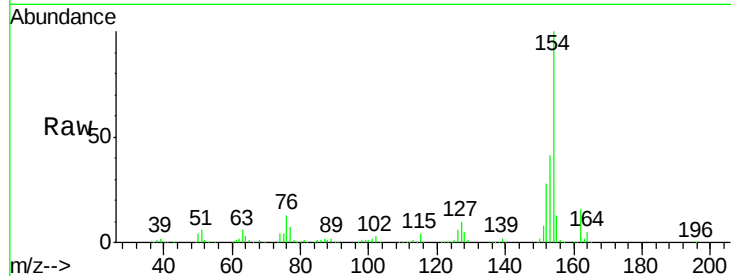
#45
 1,1'-Biphenyl
 Concen: 40.464 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.8	0.0	29.9

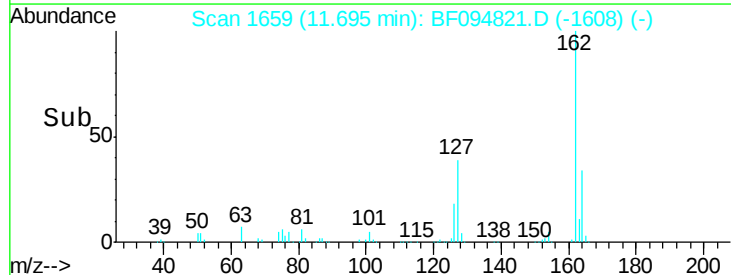
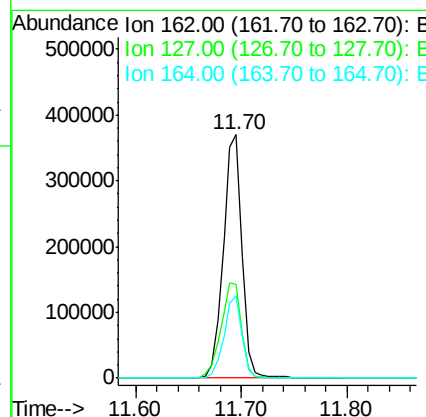
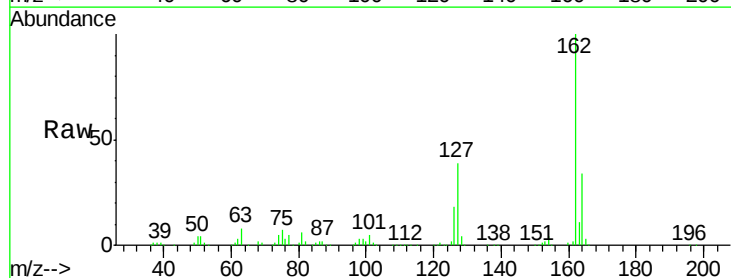
Manual Integrations
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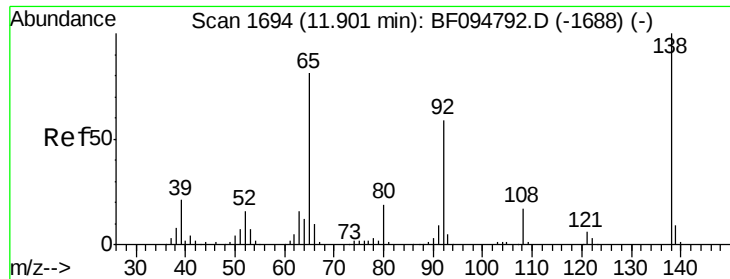
mohammad
 5/4/2017 1:44:46 PM



#46
 2-Chloronaphthalene
 Concen: 38.982 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	28.3	42.5
164	33.6	27.0	40.4





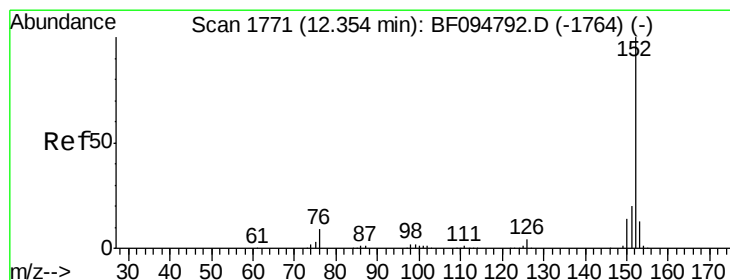
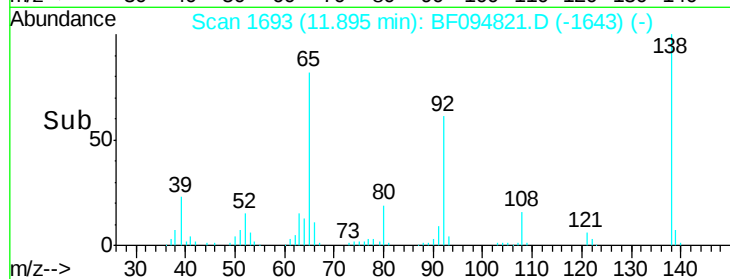
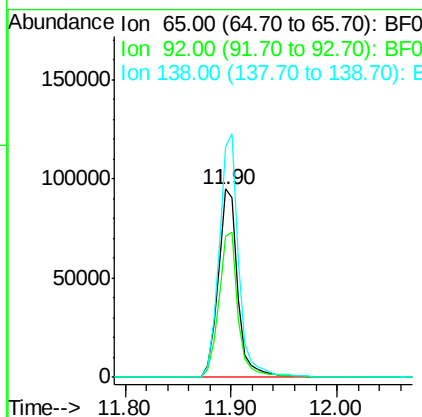
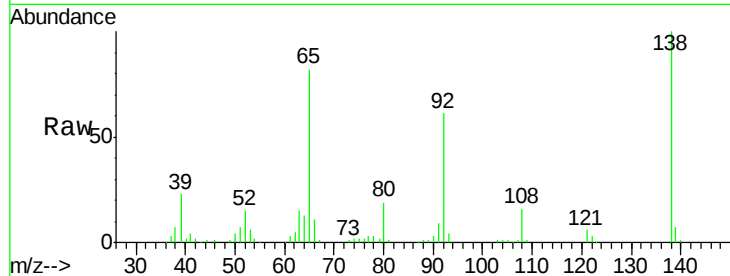
#47
 2-Nitroaniline
 Concen: 38.817 ng
 RT: 11.90 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion:	65	Resp:	124617
Ion Ratio	Lower	Upper	
65	100		
92	75.1	53.9	80.9
138	122.6	78.8	118.2#

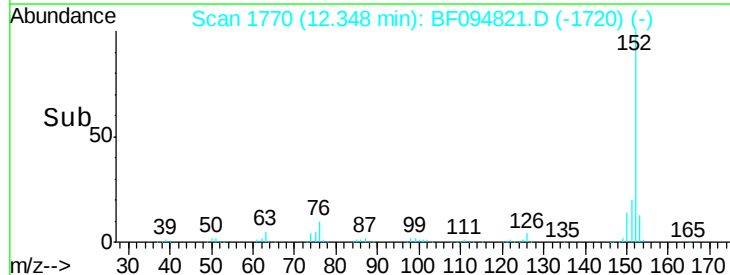
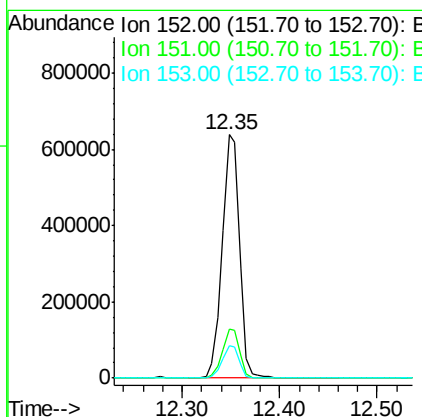
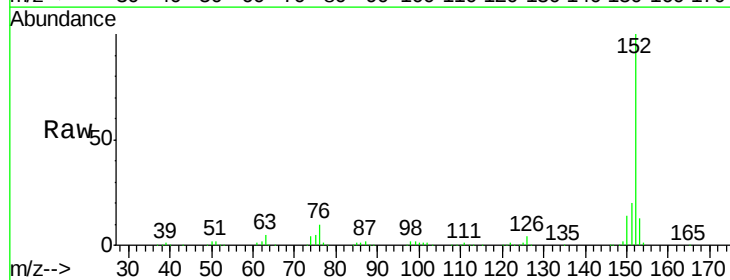
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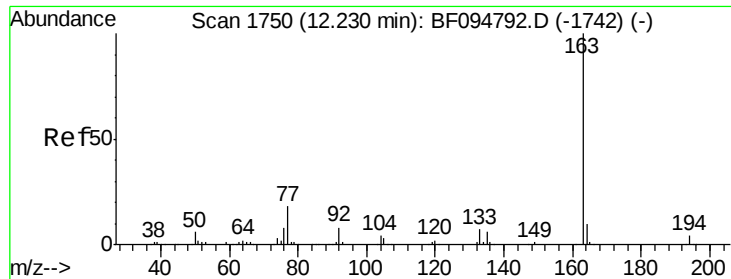
mohammad
 5/4/2017 1:44:46 PM



#48
 Acenaphthylene
 Concen: 42.588 ng
 RT: 12.35 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion:	152	Resp:	782412
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	13.2	10.8	16.2





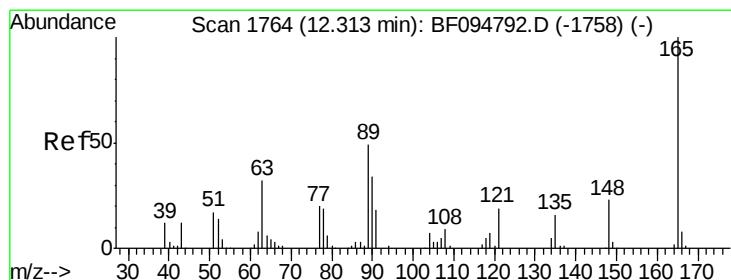
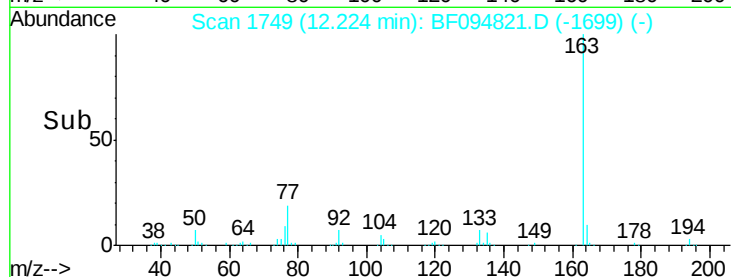
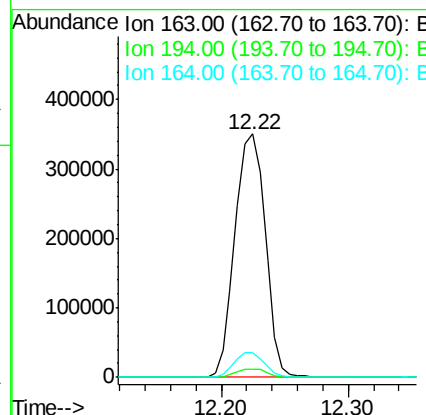
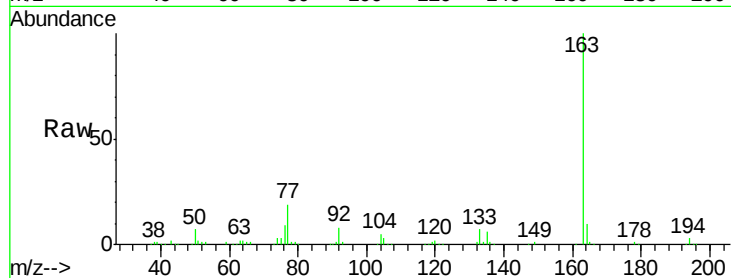
#49
Dimethylphthalate
Concen: 41.149 ng
RT: 12.22 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

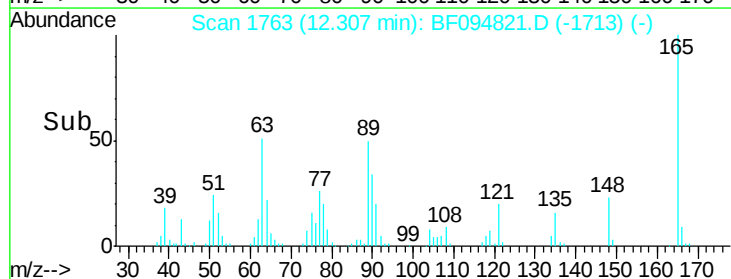
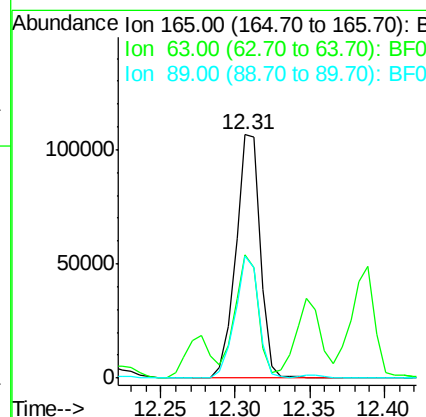
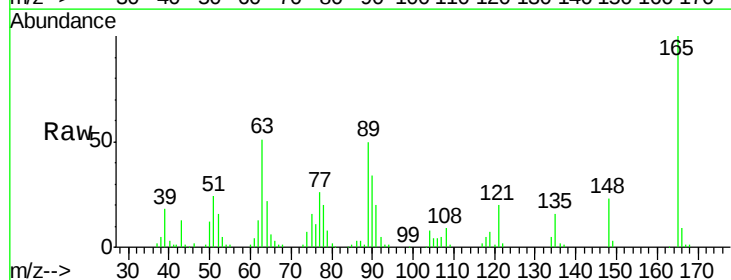
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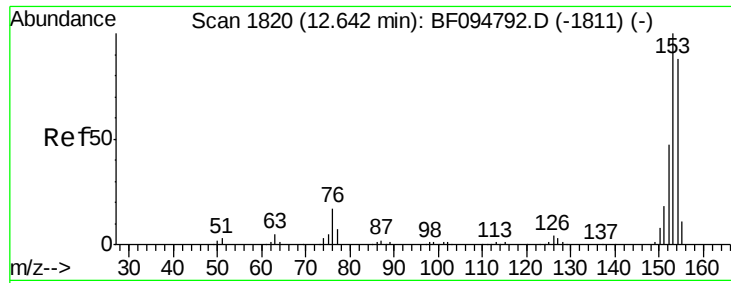
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.589 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.5	34.3	51.5
89	50.3	37.1	55.7





#51

Acenaphthene

Concen: 41.861 ng

RT: 12.64 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Instrument :

BNA_F

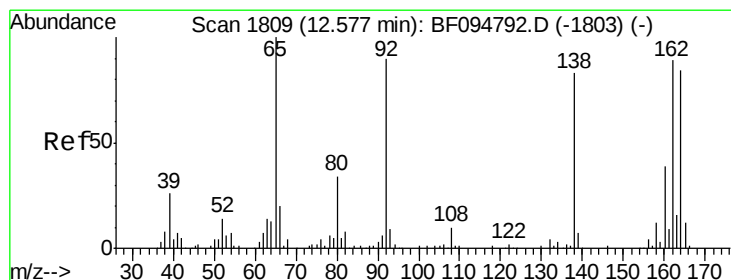
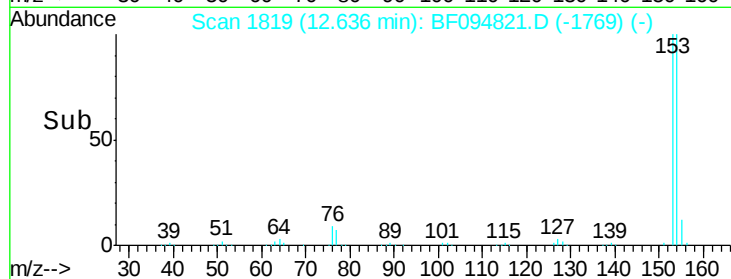
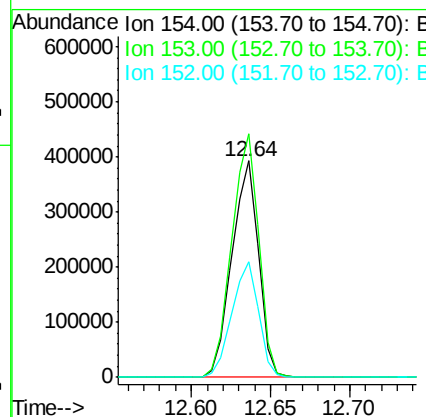
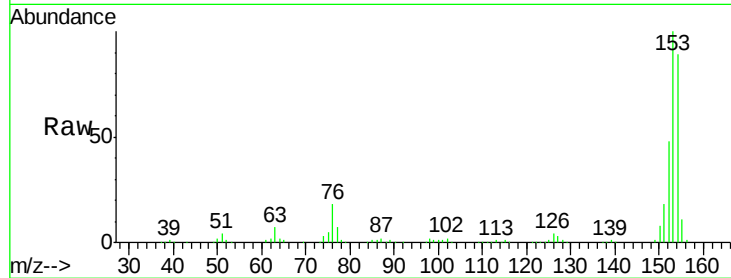
ClientSampleId :

PB98658BS

Tgt Ion:	154	Resp:	459350
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.5	135.7
152	53.7	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 17.661 ng

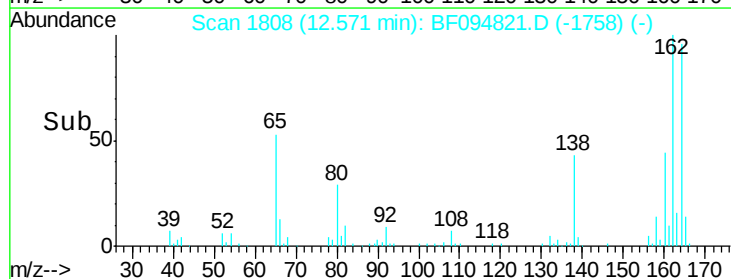
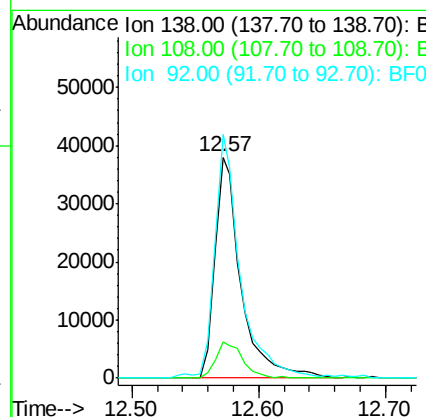
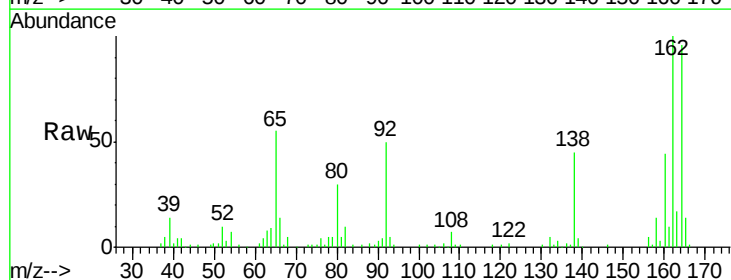
RT: 12.57 min Scan# 1808

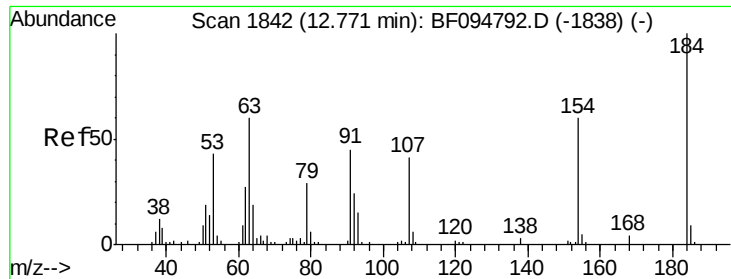
Delta R.T. -0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Tgt Ion:	138	Resp:	54775
Ion Ratio	Lower	Upper	
138	100		
108	16.1	9.1	13.7#
92	110.1	93.8	140.6





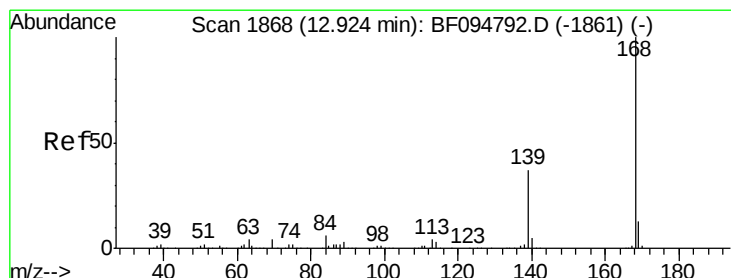
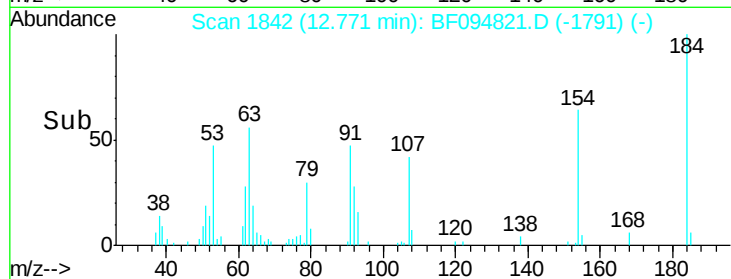
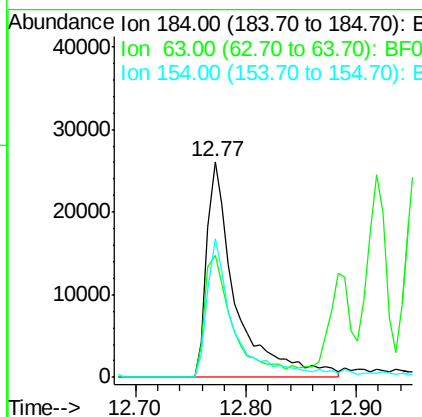
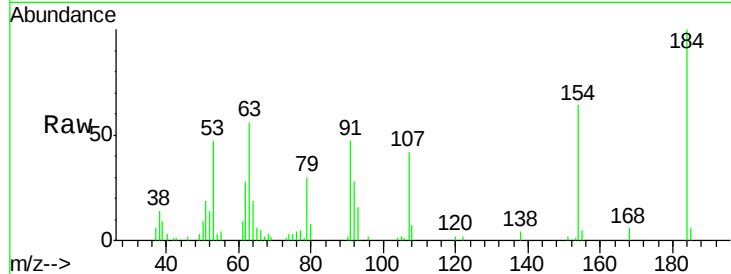
#53
2,4-Dinitrophenol
Concen: 33.299 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion:184 Resp: 46702
Ion Ratio Lower Upper
184 100
63 56.4 62.7 94.1#
154 64.3 81.1 121.7#

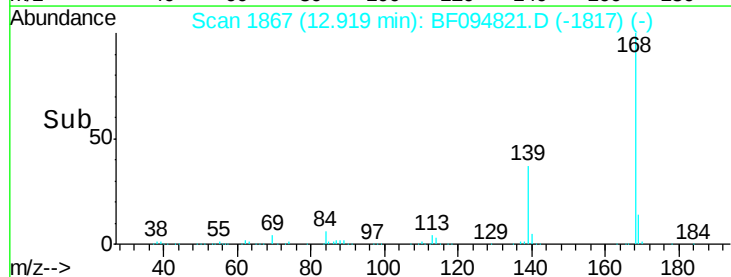
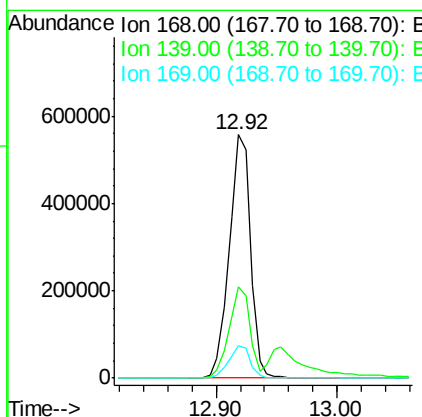
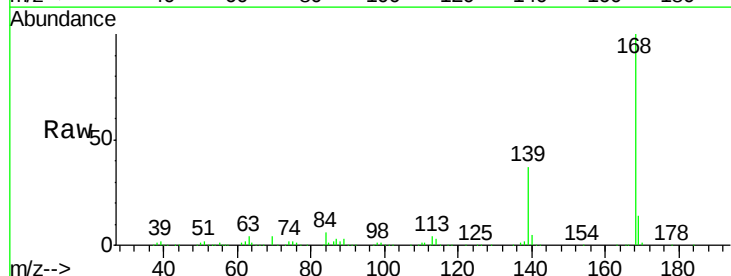
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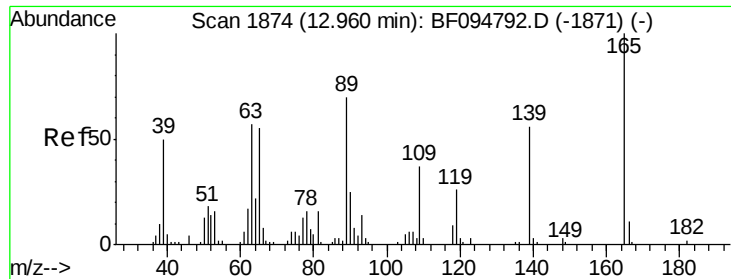
mohammad
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#54
Dibenzofuran
Concen: 45.124 ng
RT: 12.92 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion:168 Resp: 685204
Ion Ratio Lower Upper
168 100
139 37.4 30.6 45.8
169 13.6 10.8 16.2





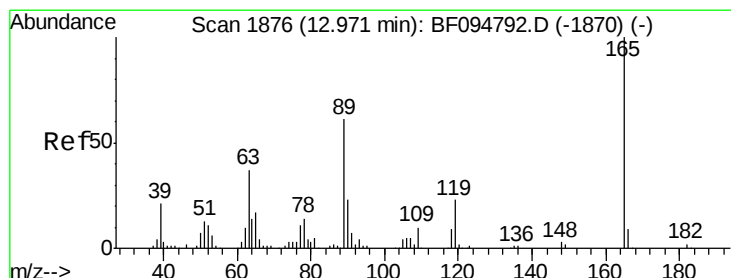
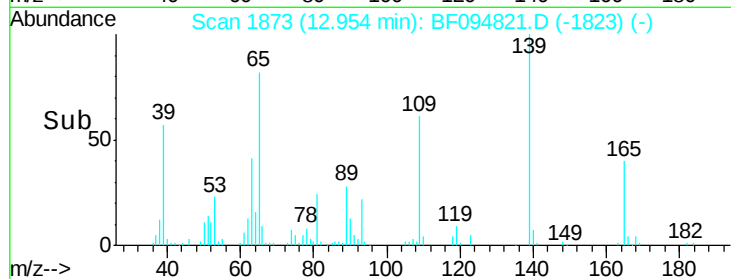
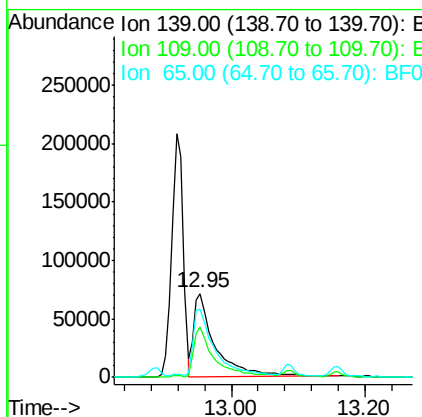
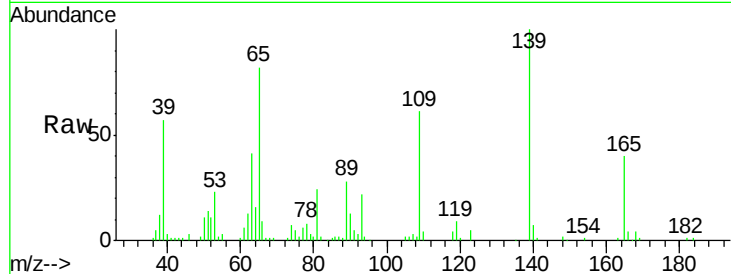
#55
4-Nitrophenol
Concen: 84.508 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	157421		
109	60.7	34.1	74.1	
65	82.3	31.4	71.4	#

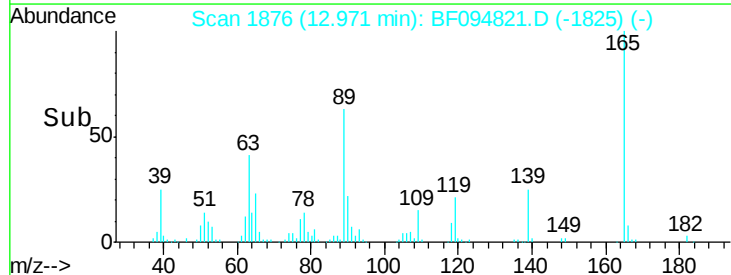
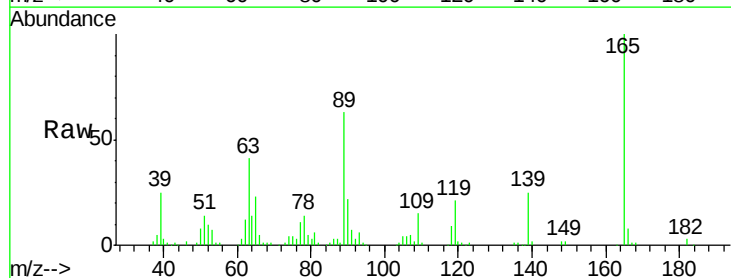
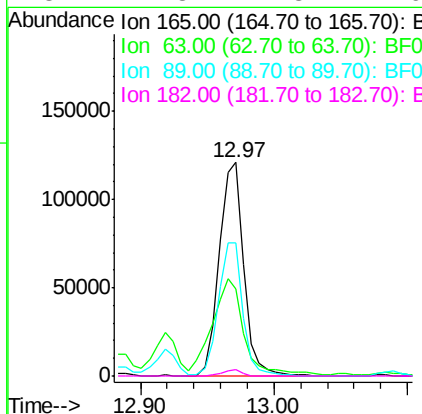
Manual Integrations
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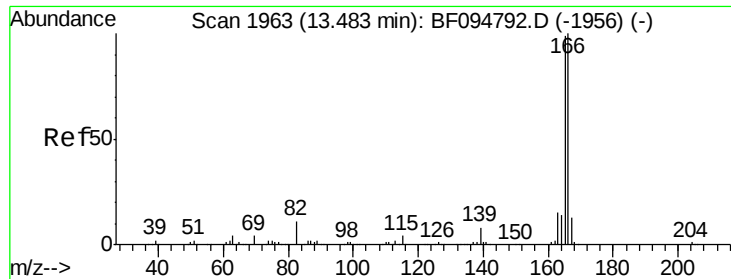
mohammad
5/4/2017 1:44:46 PM



#56
2,4-Dinitrotoluene
Concen: 42.412 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157480		
63	41.0	25.4	38.0	#
89	62.6	46.4	69.6	
182	2.8	1.8	2.6	#





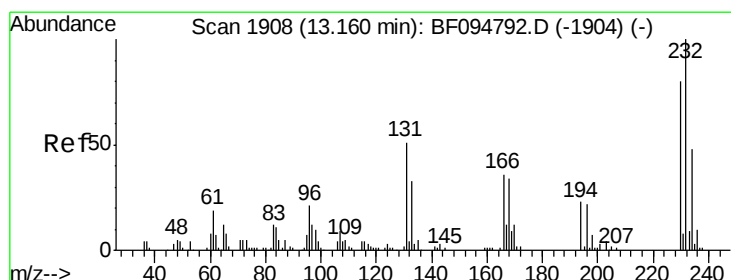
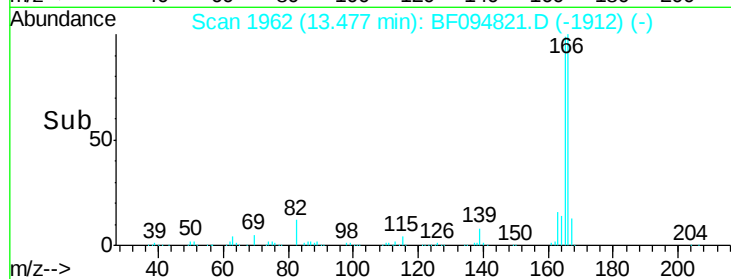
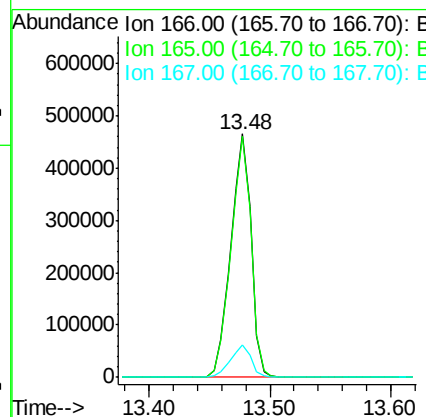
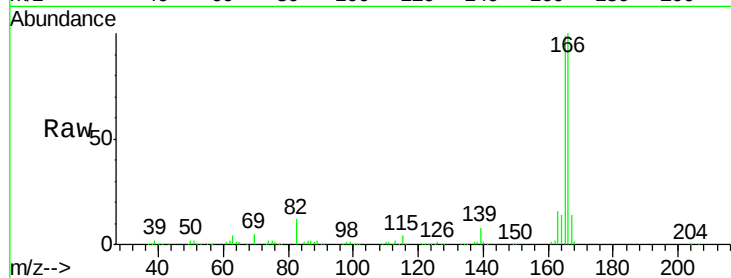
#57
Fluorene
Concen: 41.130 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	543081		
165	98.9	78.8	118.2	
167	13.5	10.6	16.0	

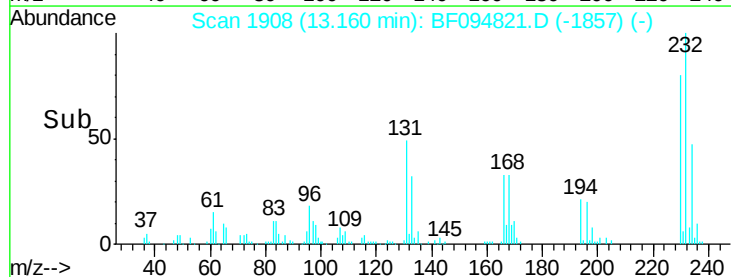
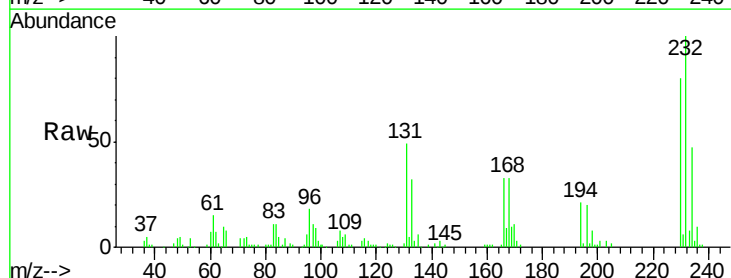
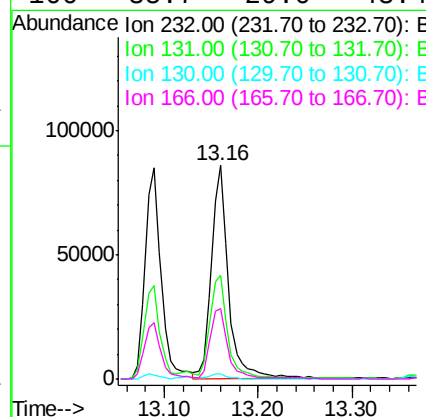
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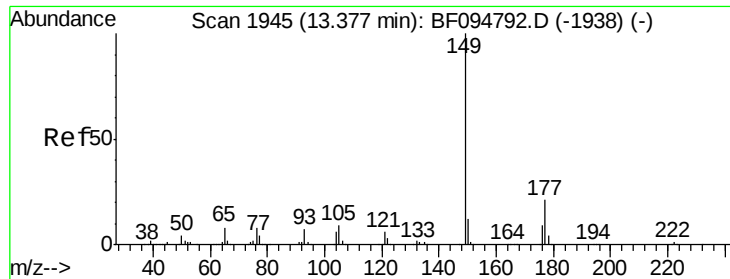
mohammad
5/4/2017 1:44:46 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.655 ng
RT: 13.16 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	109404		
131	51.1	44.8	67.2	
130	2.2	2.3	3.5	
166	35.7	29.0	43.4	





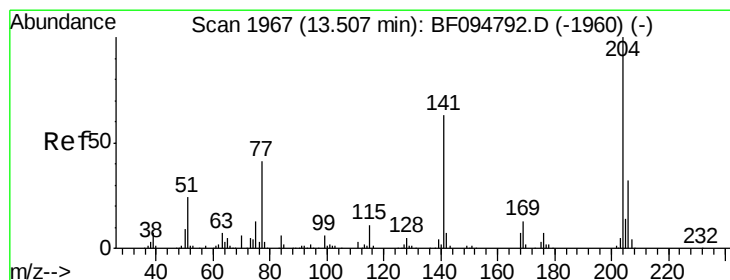
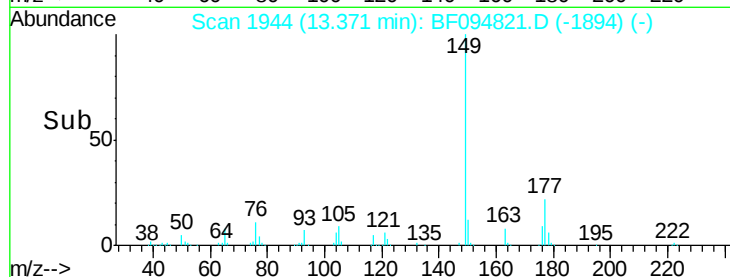
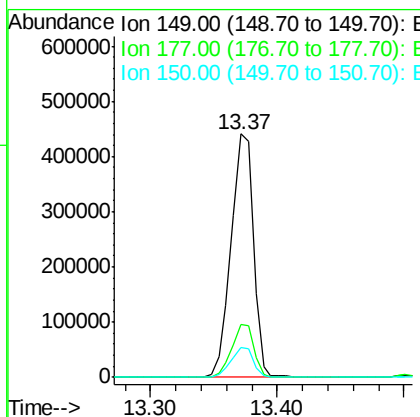
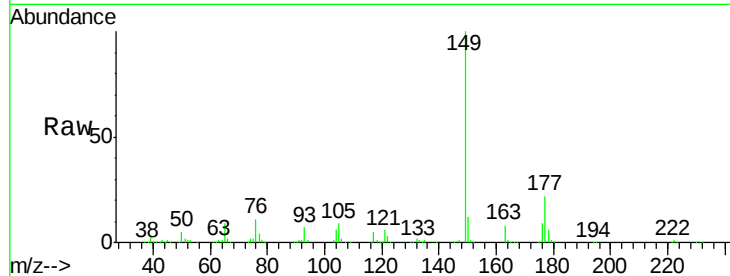
#59
Diethylphthalate
Concen: 39.534 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampled :
PB98658BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.5	10.2	15.2

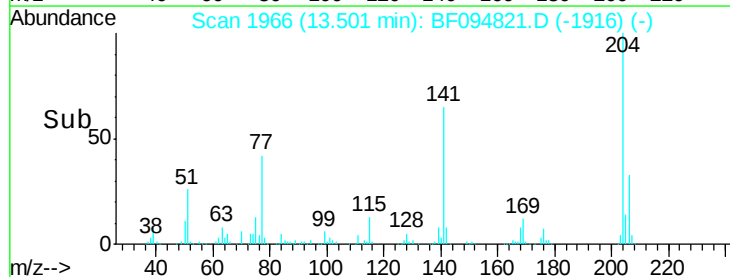
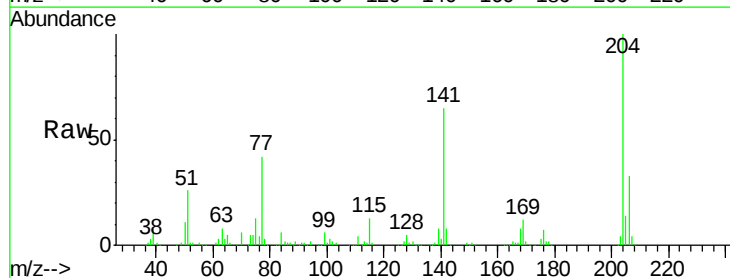
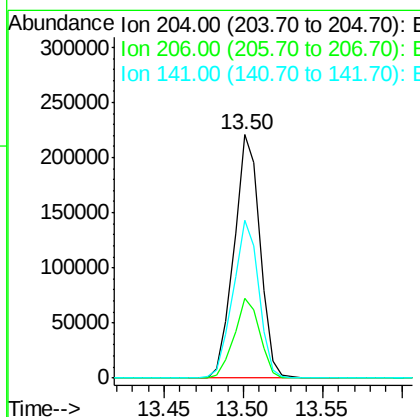
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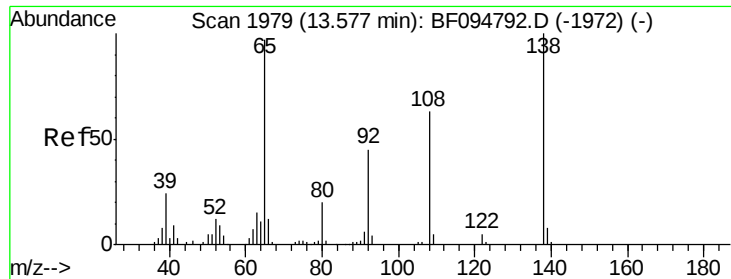
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.118 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	64.6	60.8	91.2





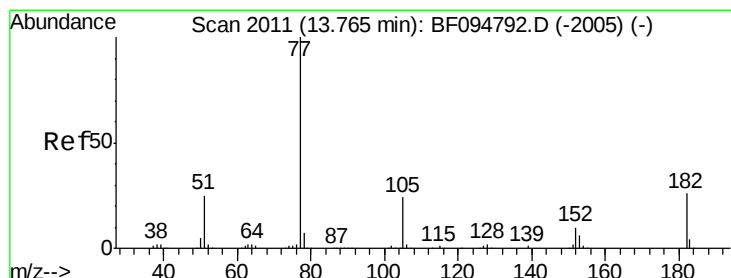
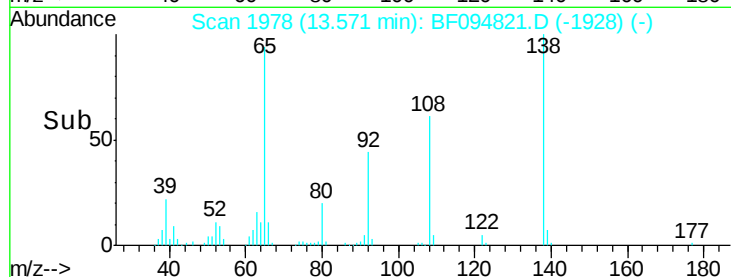
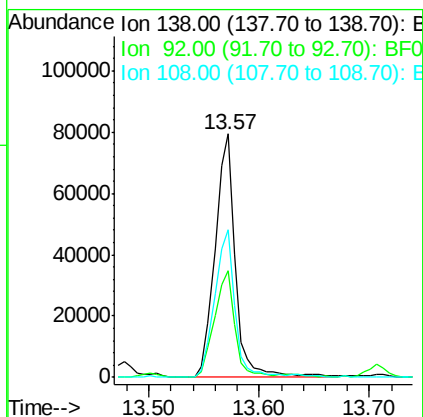
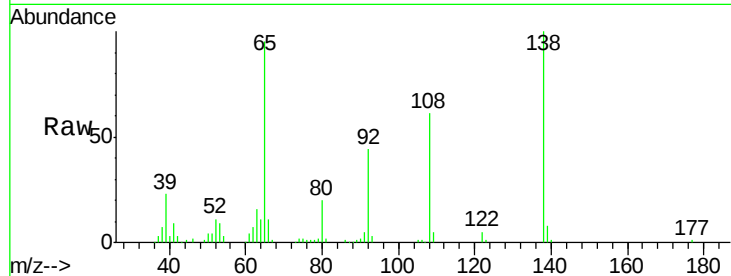
#61
4-Nitroaniline
Concen: 35.540 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampled :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	101189		
92	43.7	21.8	61.8	
108	60.5	42.3	82.3	

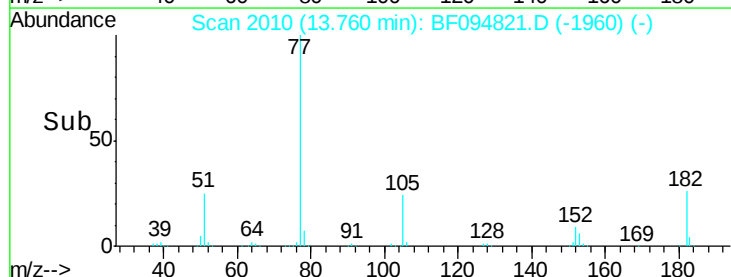
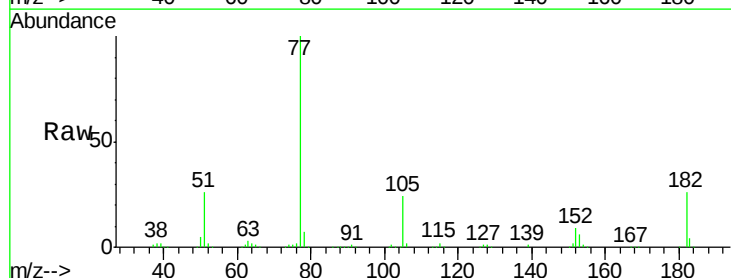
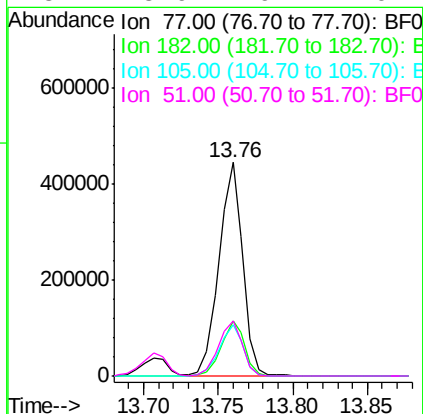
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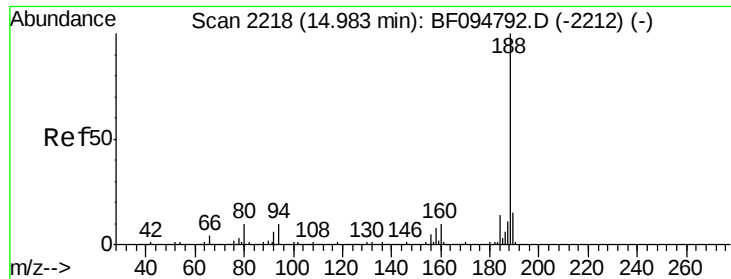
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#62
Azobenzene
Concen: 45.445 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	495763		
182	25.9	0.1	40.1	
105	24.1	3.6	43.6	
51	25.9	9.4	49.4	





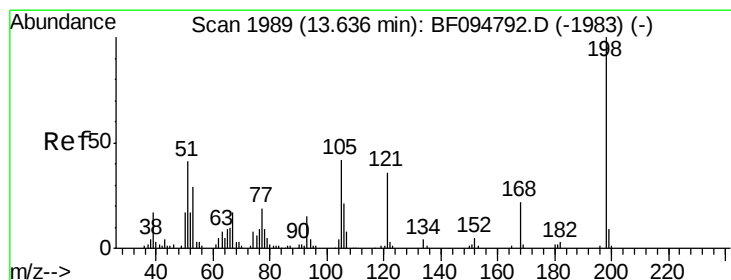
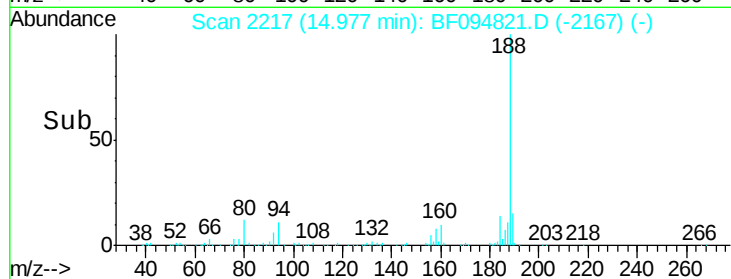
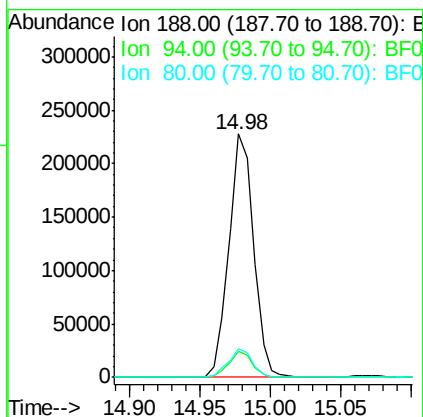
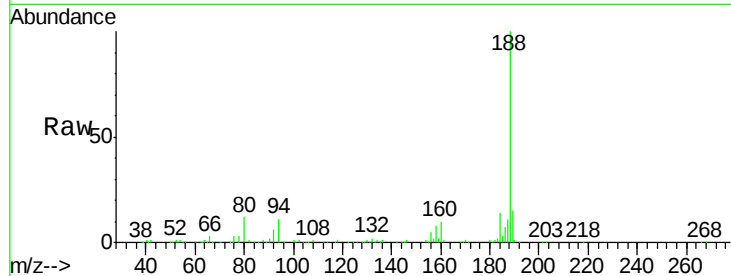
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	277744		
94	10.9		9.4	14.2
80	11.7		10.2	15.2

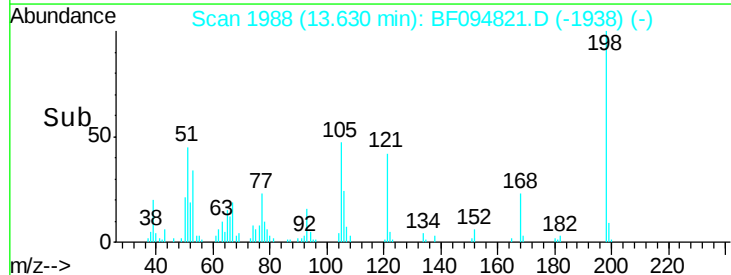
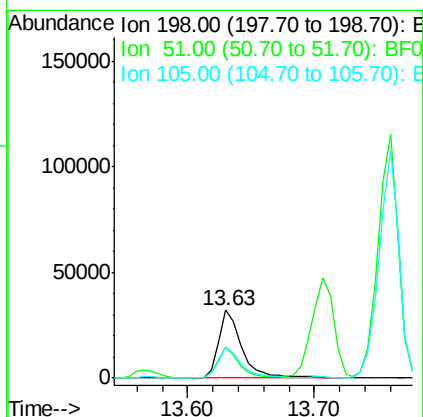
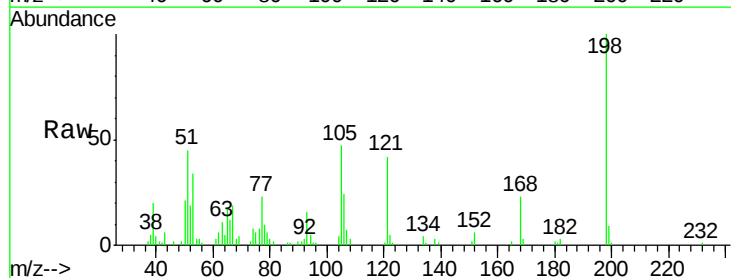
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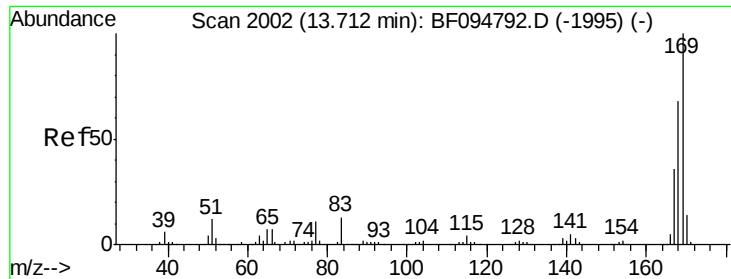
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.318 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	41554		
51	45.5		53.2	93.2#
105	46.6		45.8	85.8





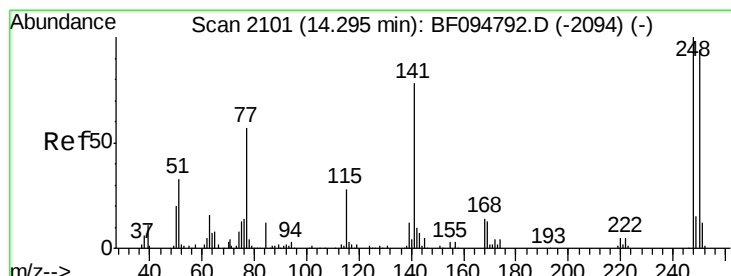
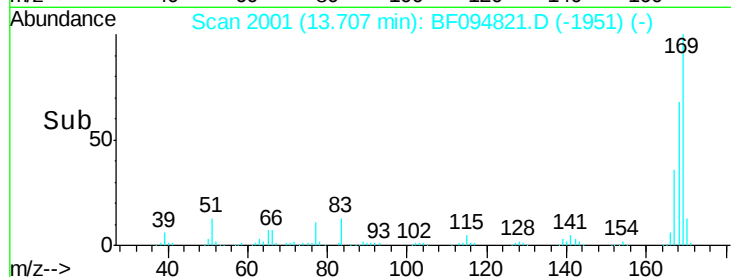
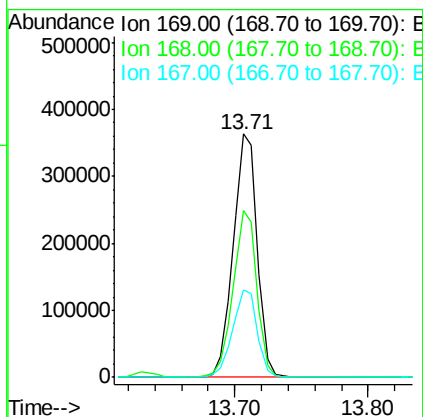
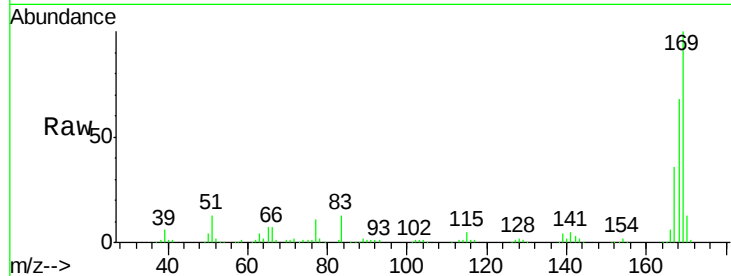
#65
n-Nitrosodiphenylamine
Concen: 45.188 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	455512		
168	68.3	53.2	79.8	
167	36.1	29.5	44.3	

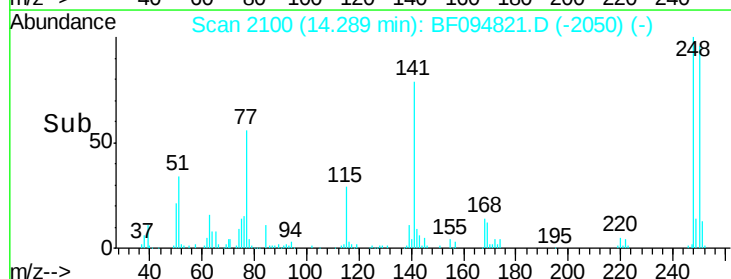
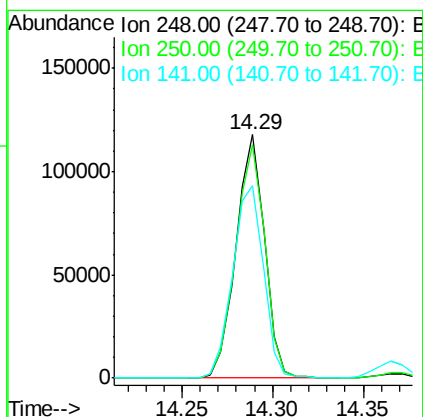
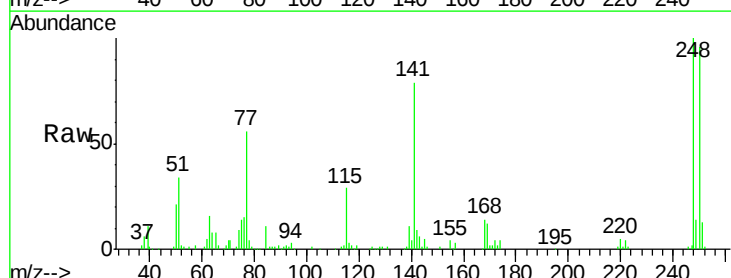
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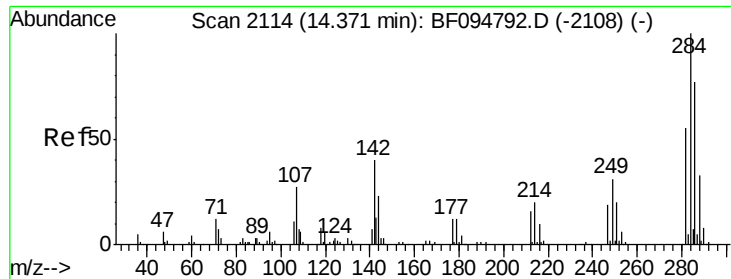
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#66
4-Bromophenyl-phenylether
Concen: 44.047 ng
RT: 14.29 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	129250		
250	96.0	76.8	115.2	
141	79.1	68.6	103.0	





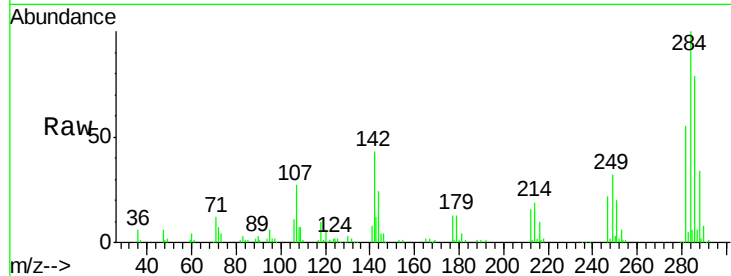
#67
Hexachlorobenzene
Concen: 42.692 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

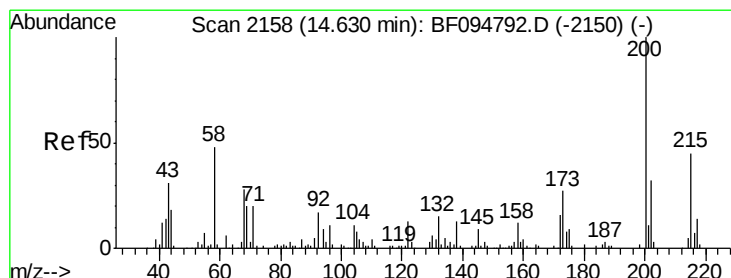
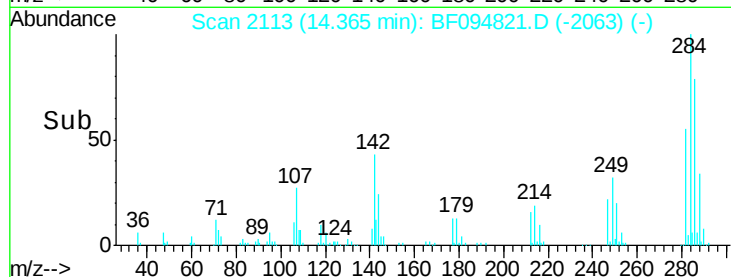
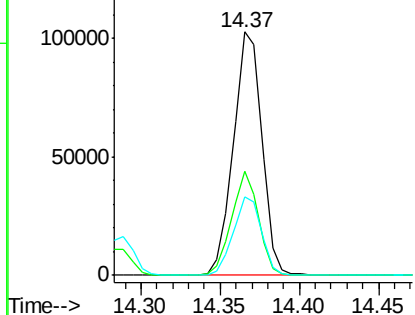
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	128384		
142	43.0	22.8	34.2	#
249	32.1	24.0	36.0	

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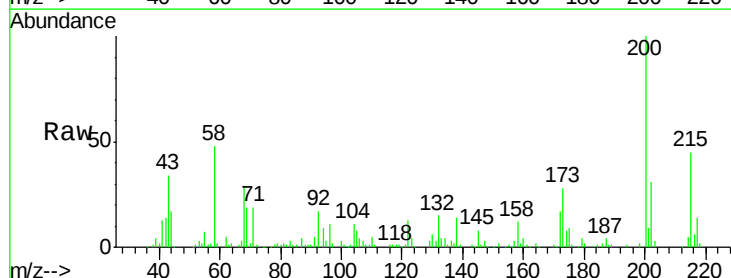


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

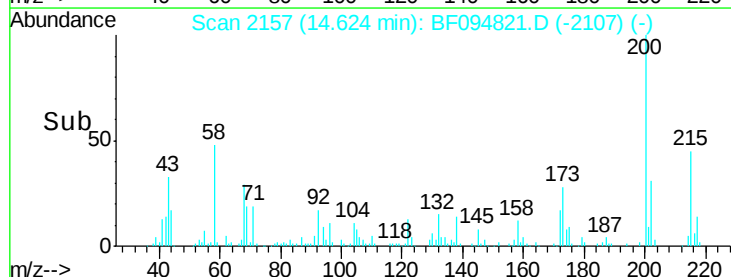
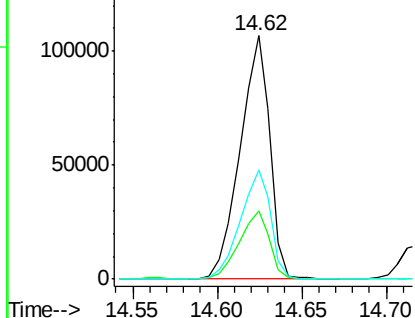


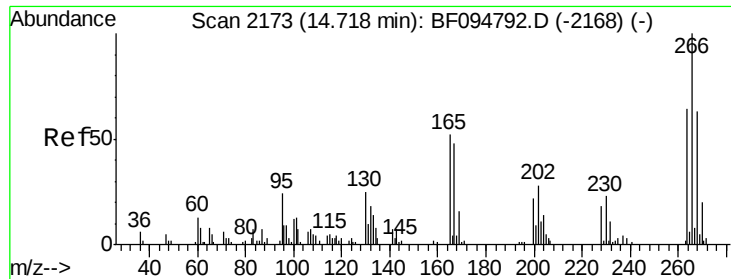
#68
Atrazine
Concen: 46.151 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	131352		
173	28.2	6.3	46.3	
215	44.9	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





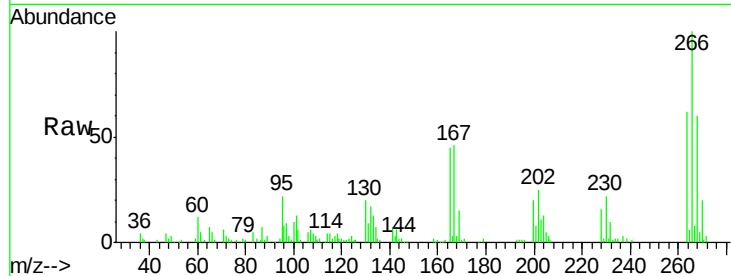
#69
 Pentachlorophenol
 Concen: 78.305 ng
 RT: 14.72 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleID :
 PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106289		
268	59.7		51.1	76.7
264	61.9		51.7	77.5

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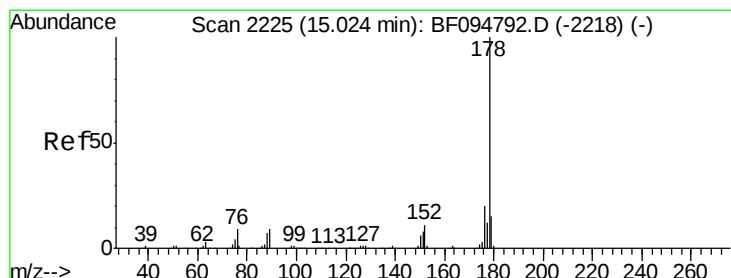
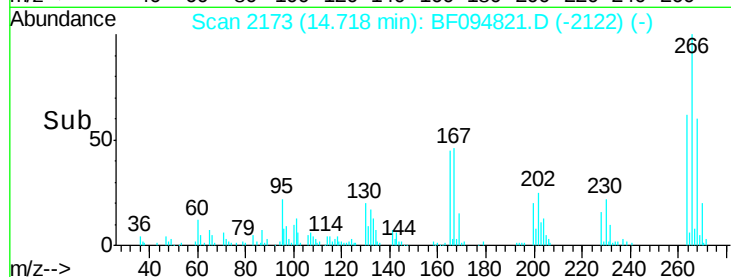
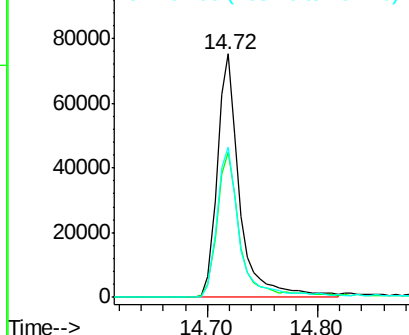


Abundance

Ion 265.70 (265.40 to 266.40): E

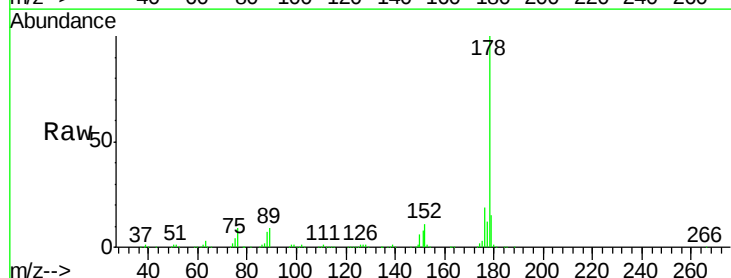
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.795 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	682945		
176	19.3		16.2	24.4
179	15.5		12.6	19.0

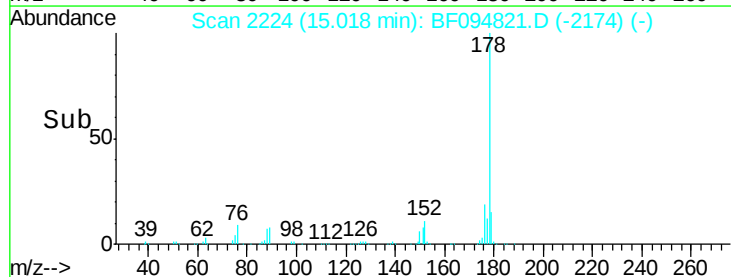
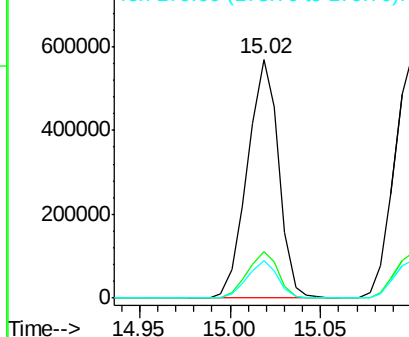


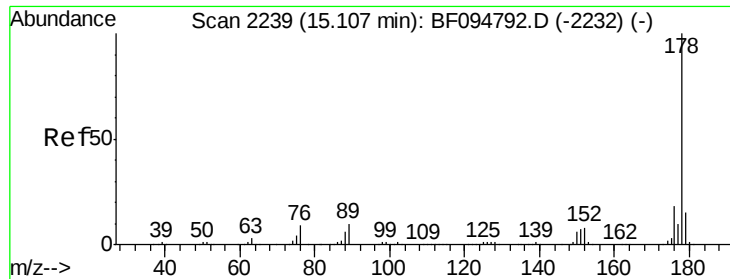
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





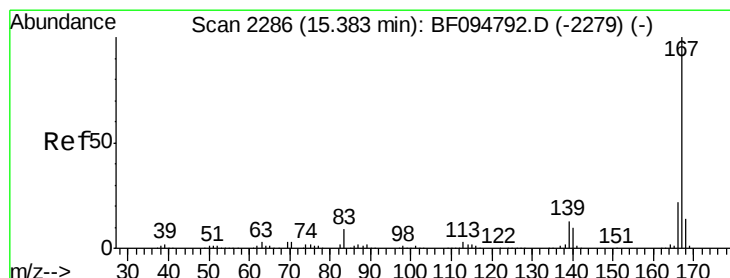
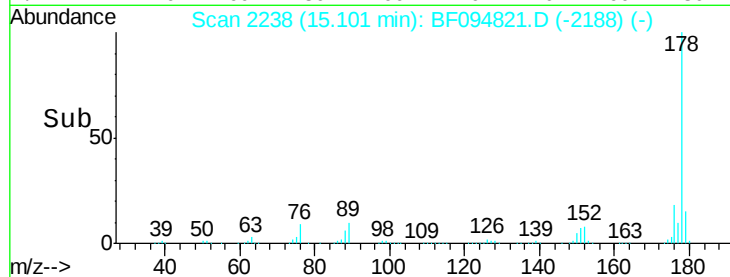
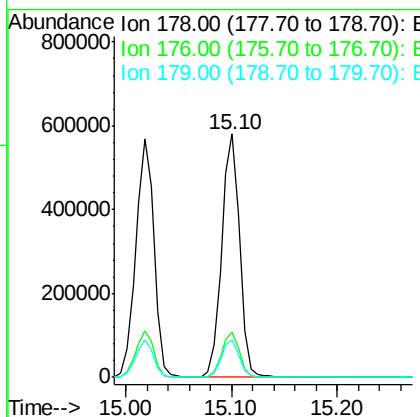
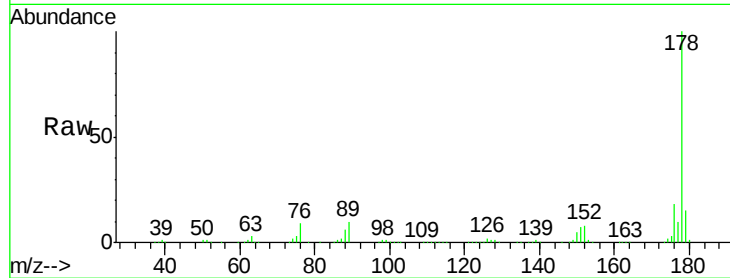
#71
 Anthracene
 Concen: 42.092 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	686142		
176	18.4	15.8	23.8	
179	15.5	12.7	19.1	

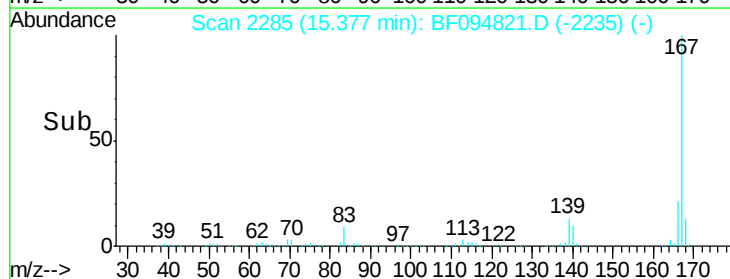
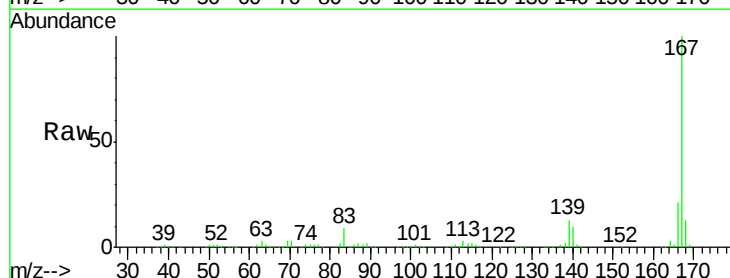
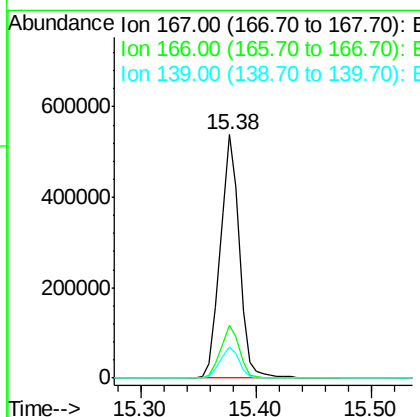
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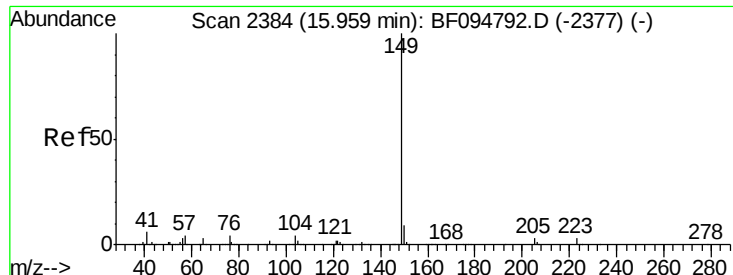
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#72
 Carbazole
 Concen: 41.687 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	618289		
166	21.5	18.1	27.1	
139	13.0	11.7	17.5	





#73

Di-n-butylphthalate

Concen: 44.558 ng

RT: 15.95 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Instrument :

BNA_F

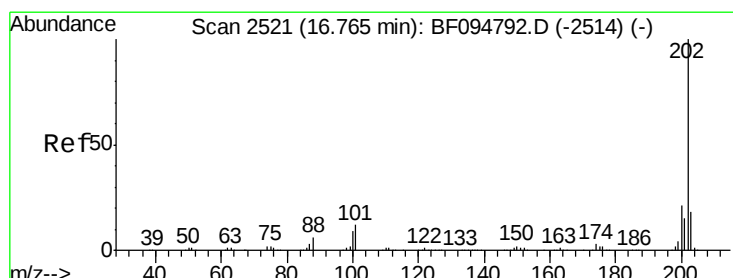
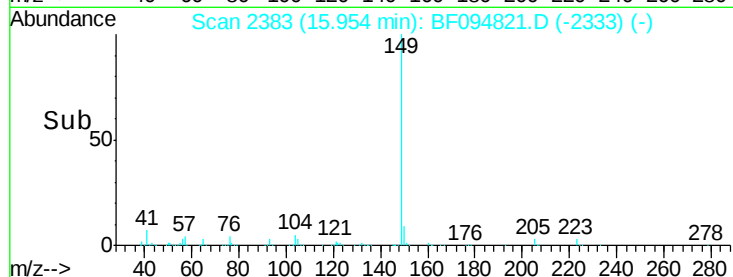
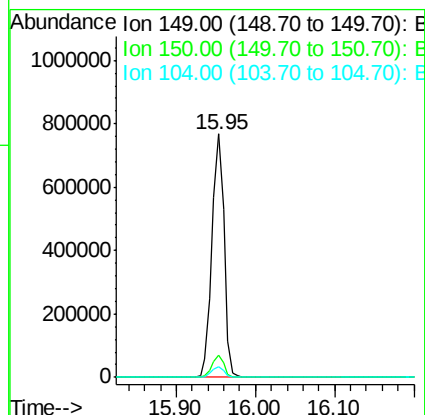
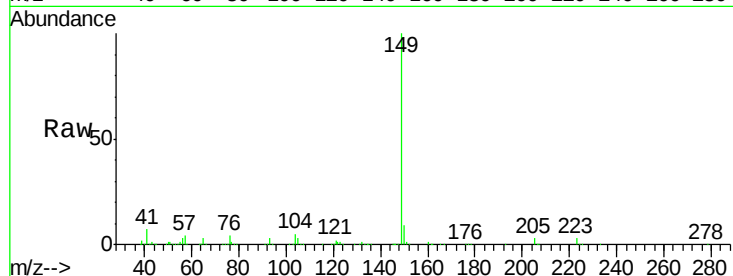
ClientSampleId :

PB98658BS

Tgt Ion:	149	Resp:	824163
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.5	4.0	6.0

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#74

Fluoranthene

Concen: 38.022 ng

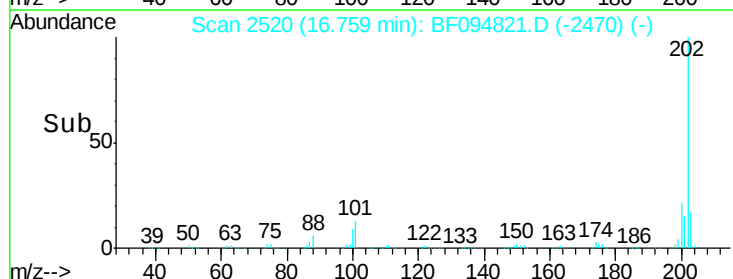
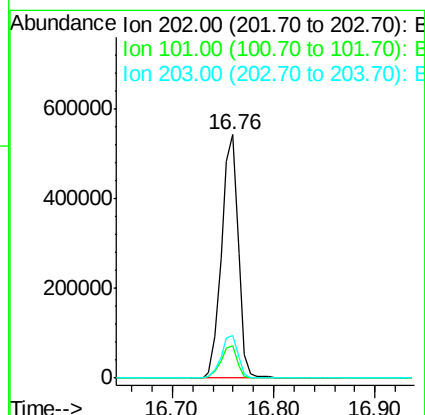
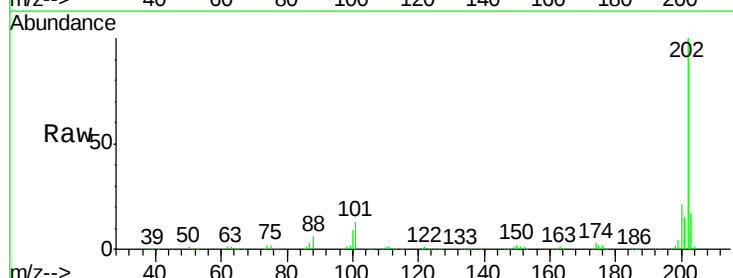
RT: 16.76 min Scan# 2520

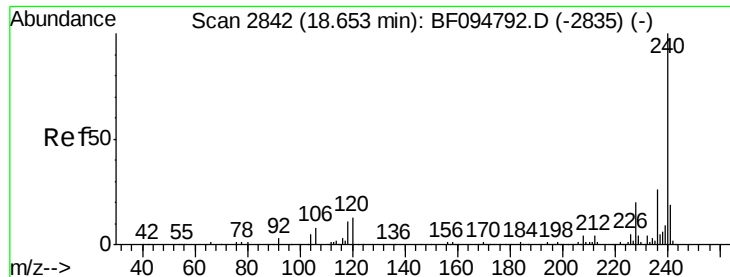
Delta R.T. -0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Tgt Ion:	202	Resp:	622415
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	17.3	0.0	38.1





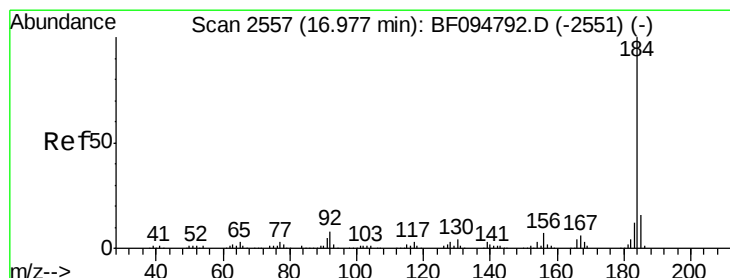
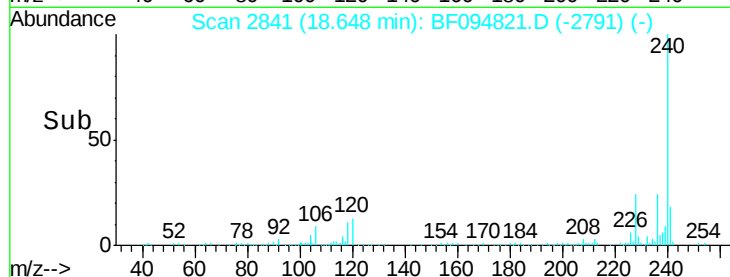
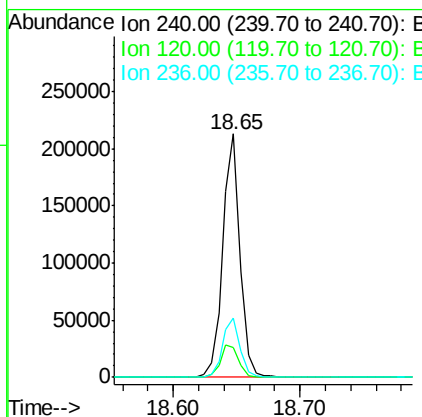
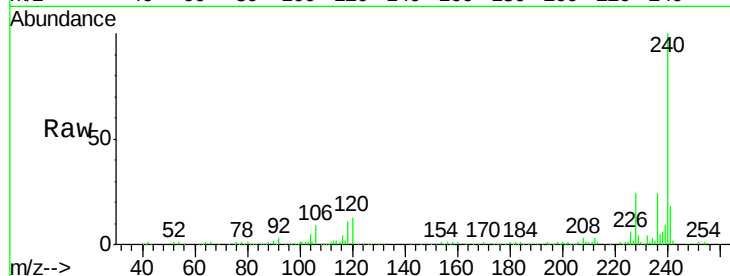
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.8	8.8#
236	24.3	20.5	30.7

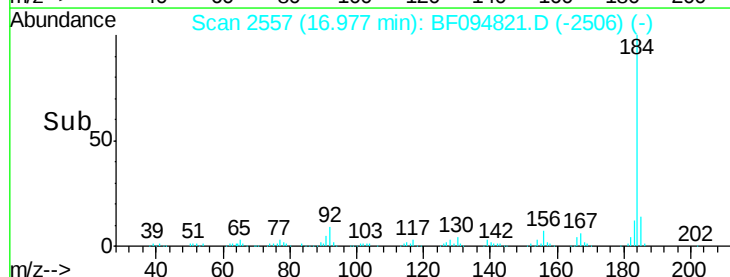
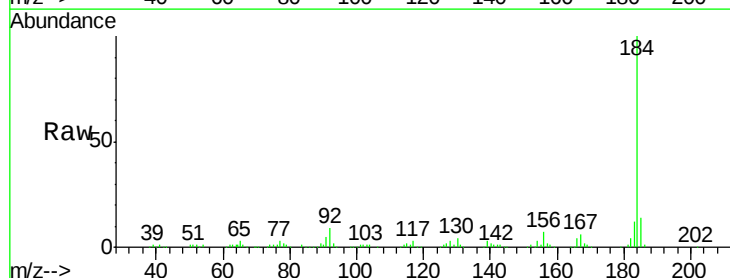
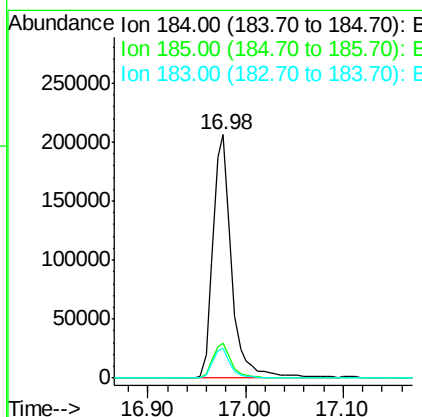
Manual Integrations
APPROVED

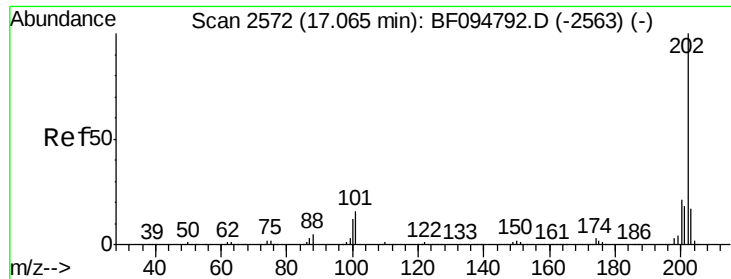
mohammad
5/4/2017 1:44:46 PM



#76
Benzidine
Concen: 50.107 ng
RT: 16.98 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	12.1	9.8	14.6





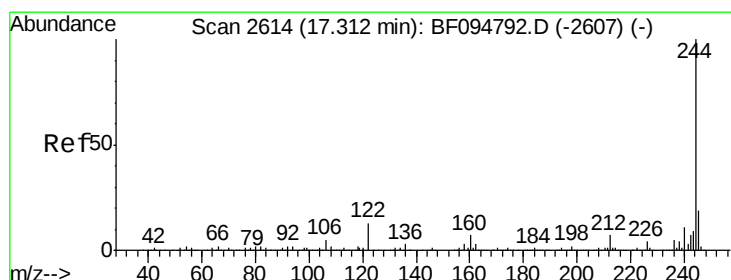
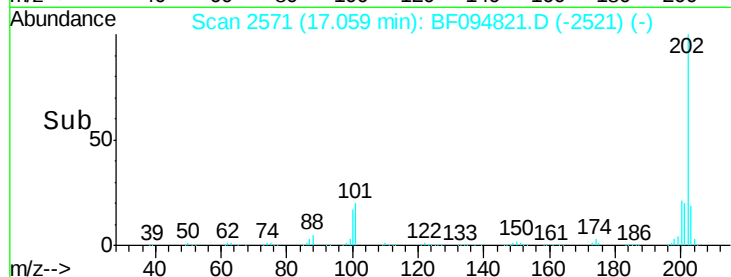
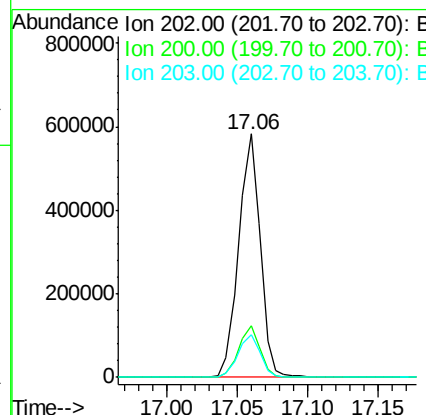
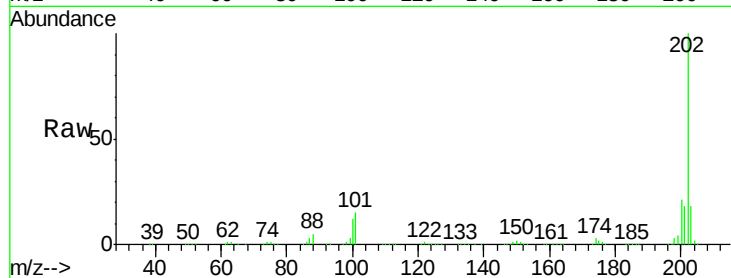
#77
 Pyrene
 Concen: 41.532 ng
 RT: 17.06 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	17.6	26.4
203	17.7	14.4	21.6

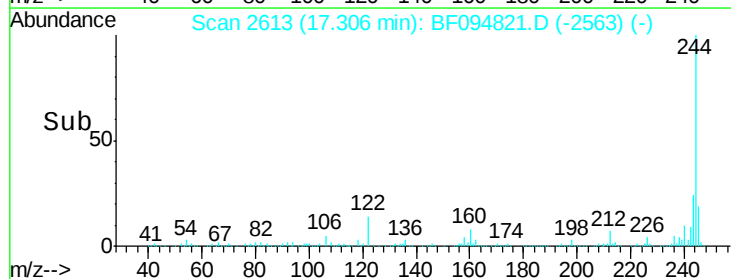
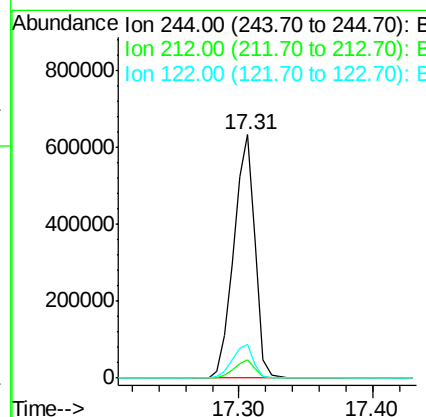
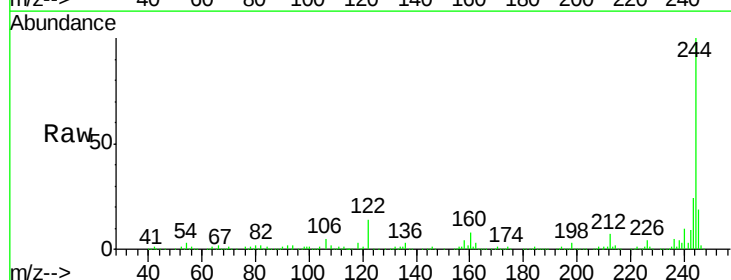
Manual Integrations
 APPROVED

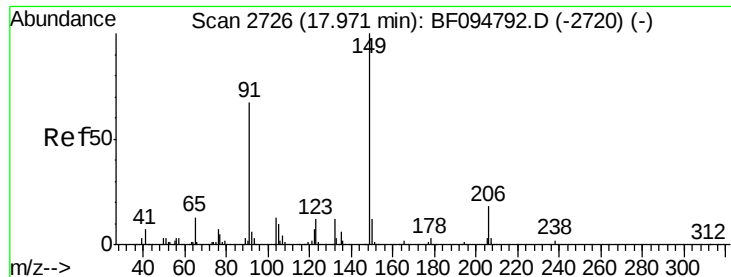
mohammad
 5/4/2017 1:44:46 PM



#78
 Terphenyl-d14
 Concen: 77.475 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.0	9.0
122	13.9	10.3	15.5





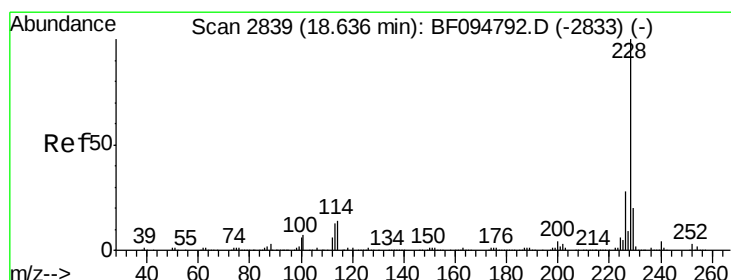
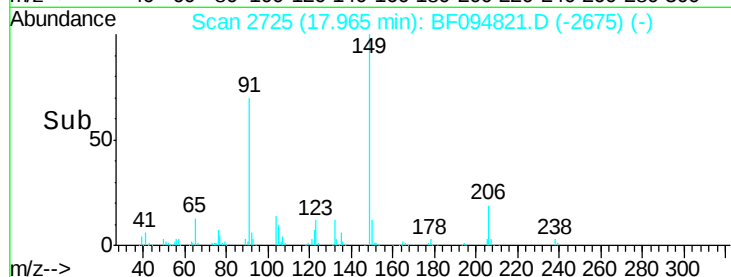
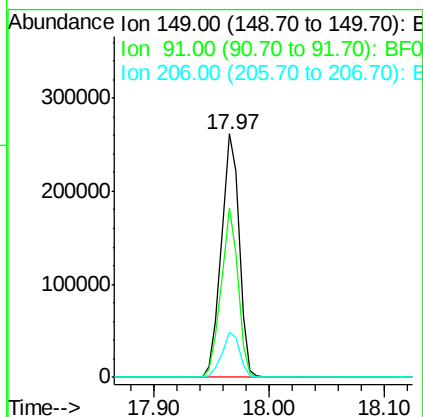
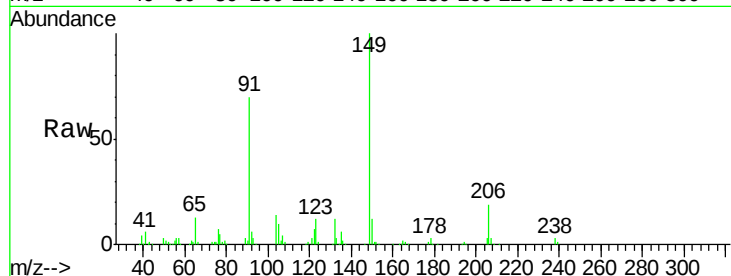
#79
Butylbenzylphthalate
Concen: 40.529 ng
RT: 17.97 min Scan# 2725
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	282804		
91	69.6	45.0	67.4#	
206	18.8	17.0	25.6	

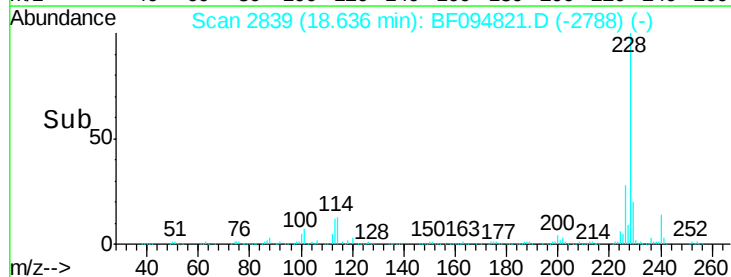
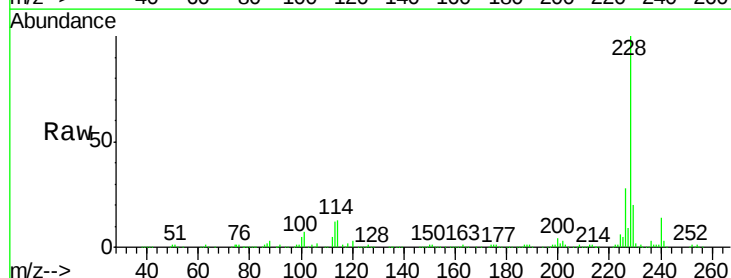
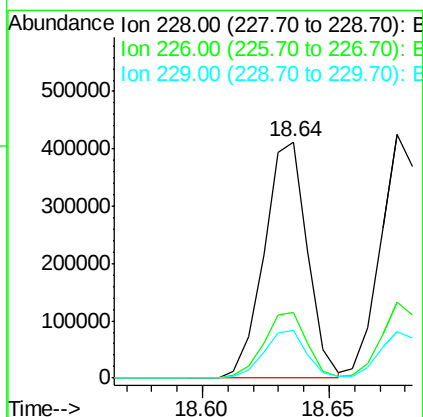
Manual Integrations
APPROVED

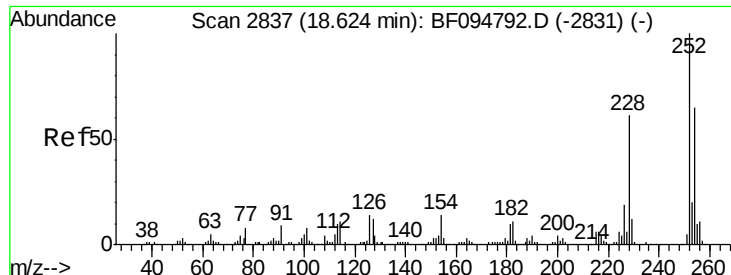
mohammad
5/4/2017 1:44:46 PM



#80
Benzo(a)anthracene
Concen: 41.931 ng
RT: 18.64 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	489507		
226	27.7	22.6	33.8	
229	20.0	16.3	24.5	





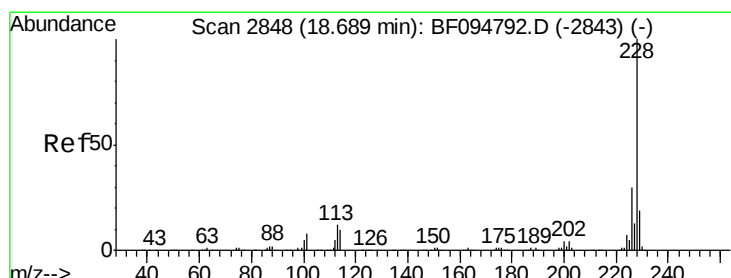
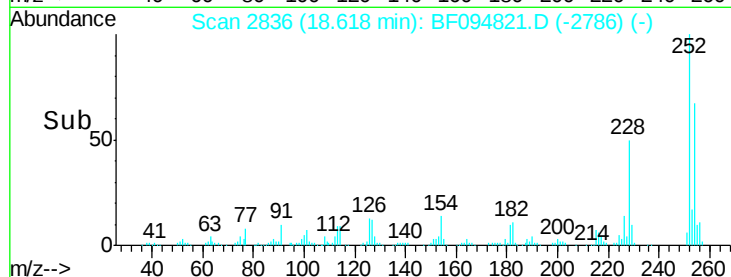
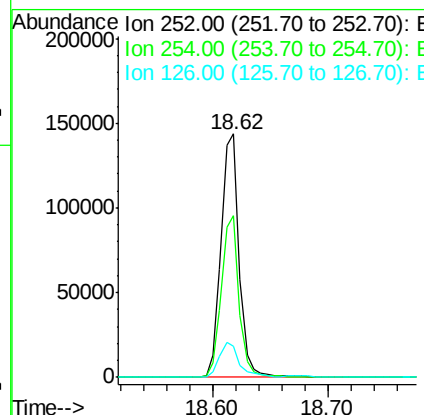
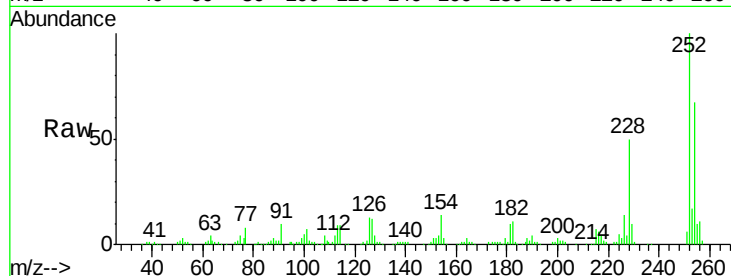
#81
 3,3'-Dichlorobenzidine
 Concen: 38.977 ng
 RT: 18.62 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.6	51.5	77.3
126	12.8	15.8	23.8

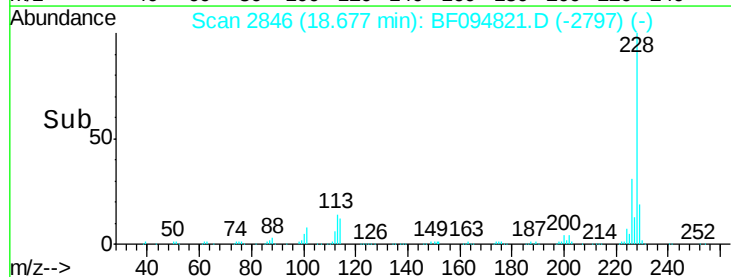
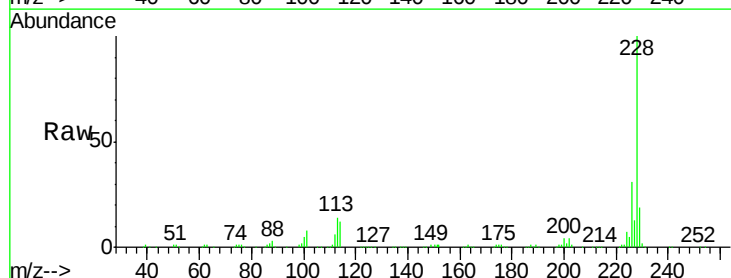
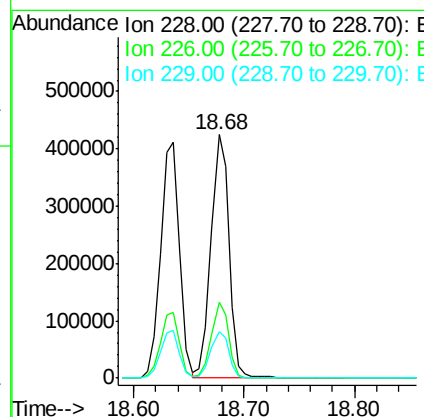
Manual Integrations
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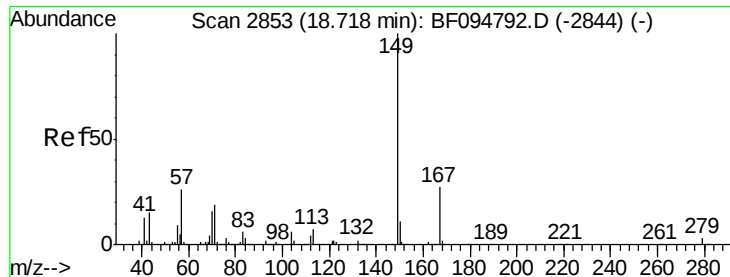
mohammad
 5/4/2017 1:44:46 PM



#82
 Chrysene
 Concen: 41.435 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.9	37.3
229	19.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.388 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094821.D

Acq: 3 May 2017 7:16

Instrument :

BNA_F

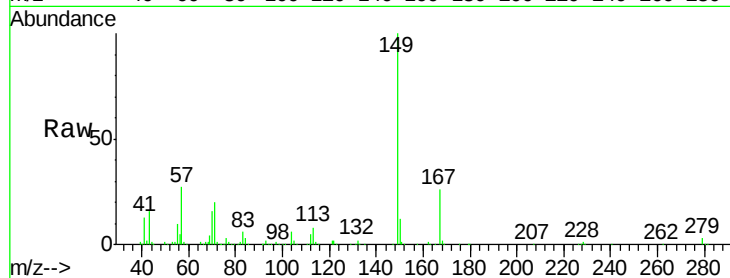
ClientSampleId :

PB98658BS

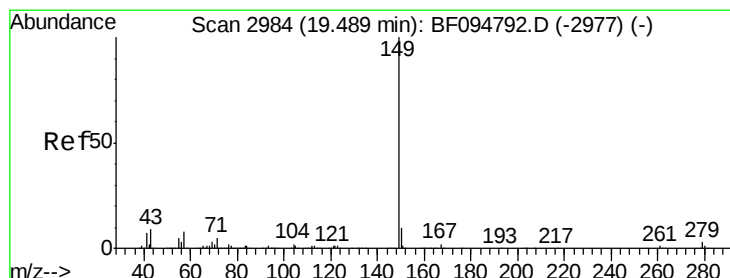
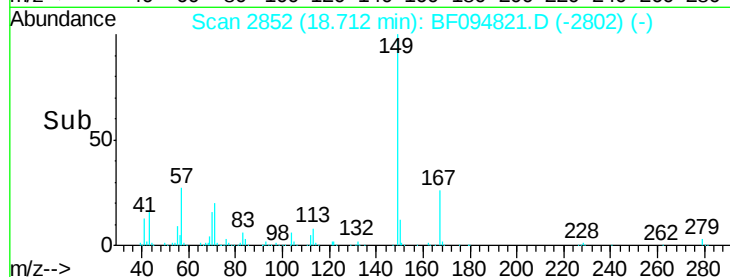
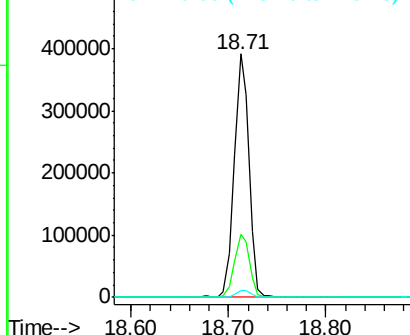
Tgt Ion:	149	Resp:	411484
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	2.7	1.9	2.9

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



#84

Di-n-octyl phthalate

Concen: 40.200 ng

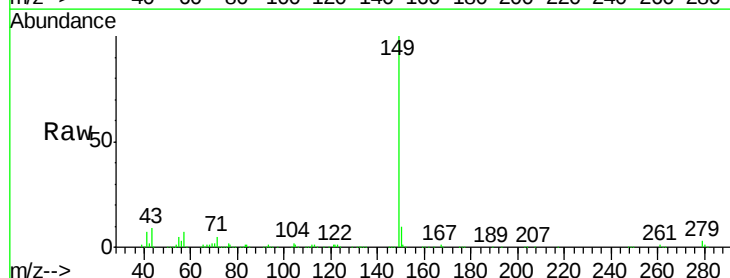
RT: 19.48 min Scan# 2983

Delta R.T. -0.01 min

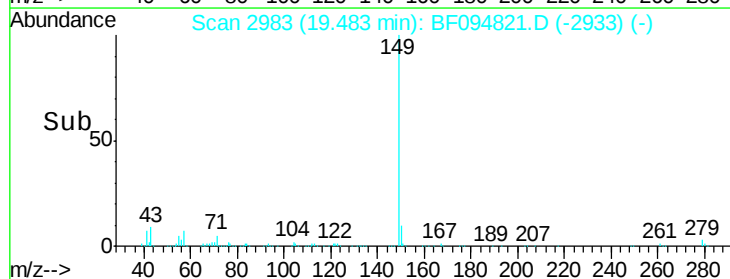
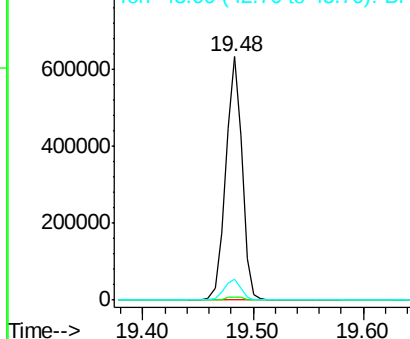
Lab File: BF094821.D

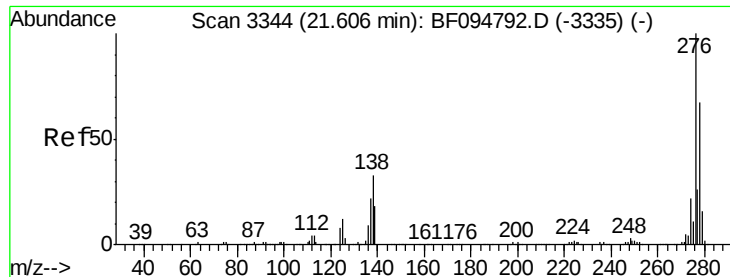
Acq: 3 May 2017 7:16

Tgt Ion:	149	Resp:	655253
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.7	8.5	12.7



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





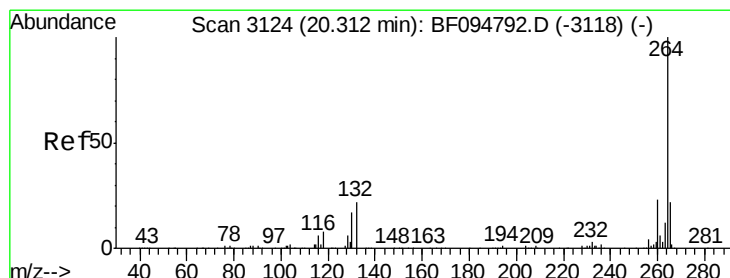
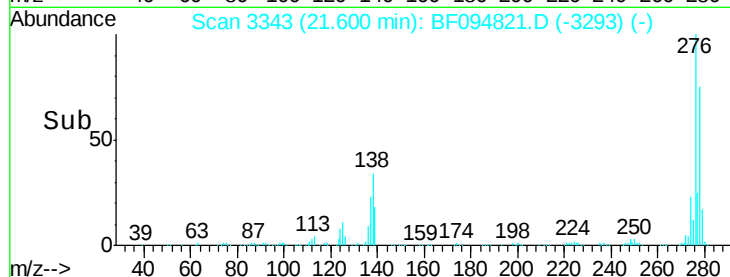
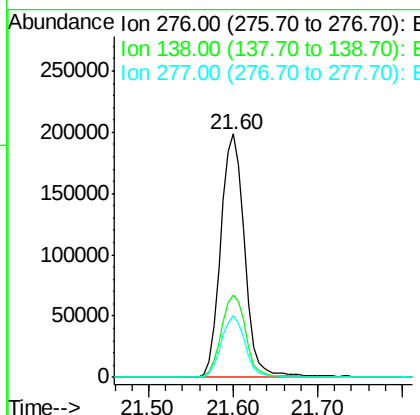
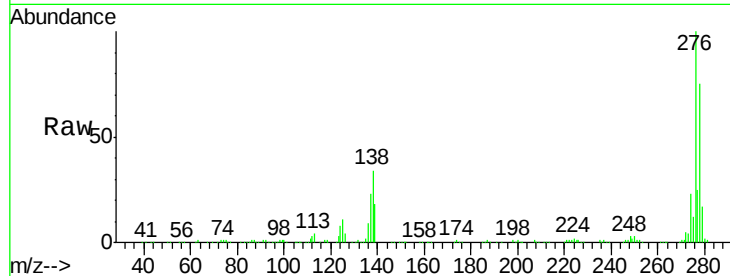
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.585 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.1	20.2	30.4

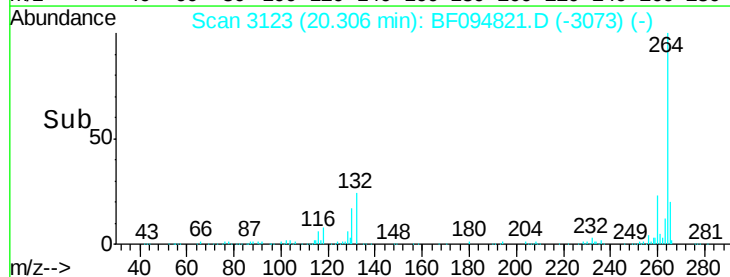
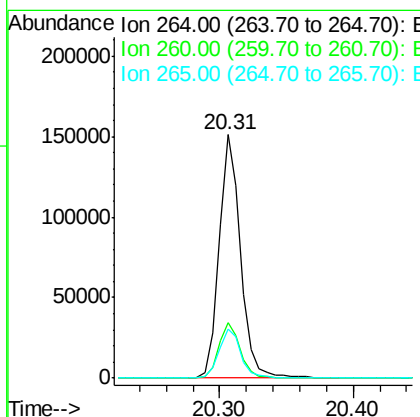
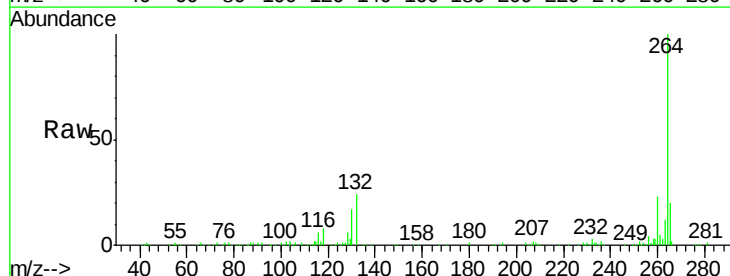
Manual Integrations
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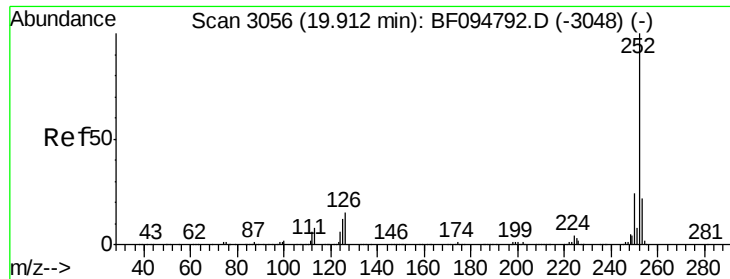
mohammad
5/4/2017 1:44:46 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.2	17.2	25.8





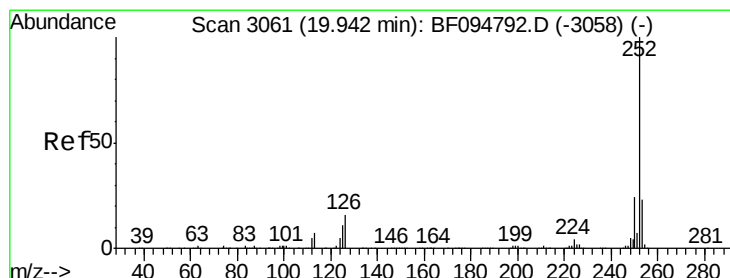
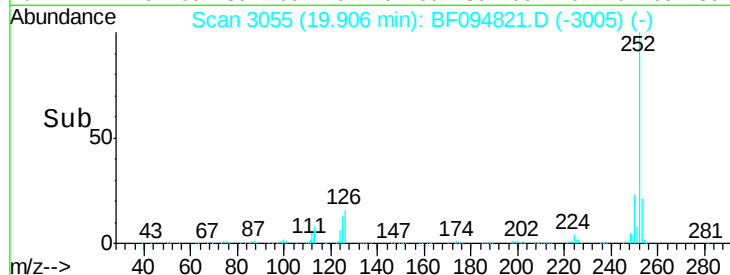
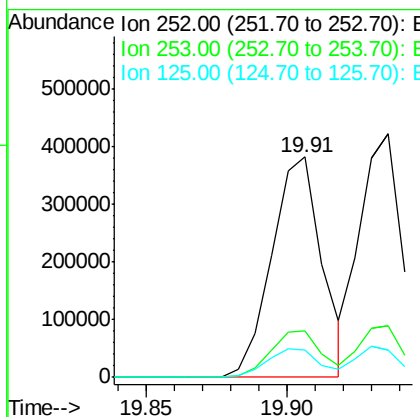
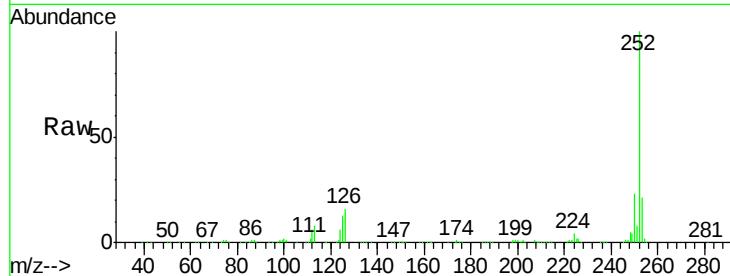
#87
Benzo(b)fluoranthene
Concen: 44.656 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	12.6	9.8	14.8

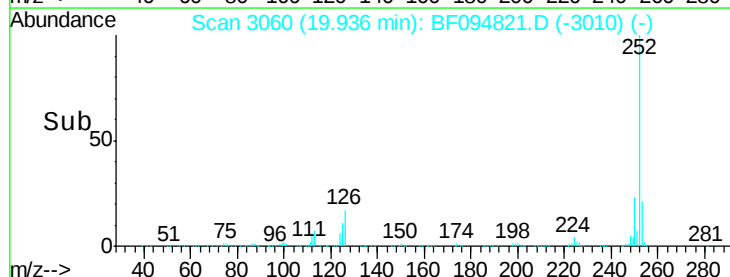
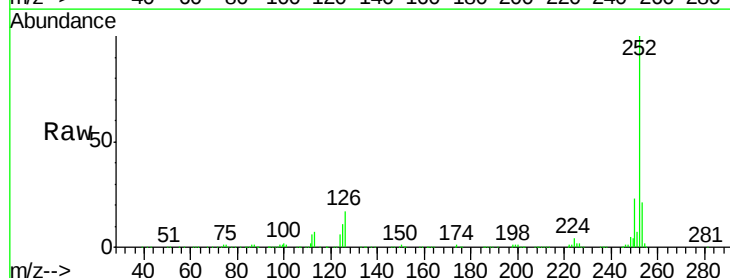
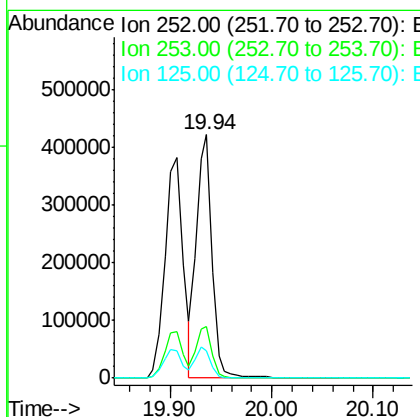
Manual Integrations
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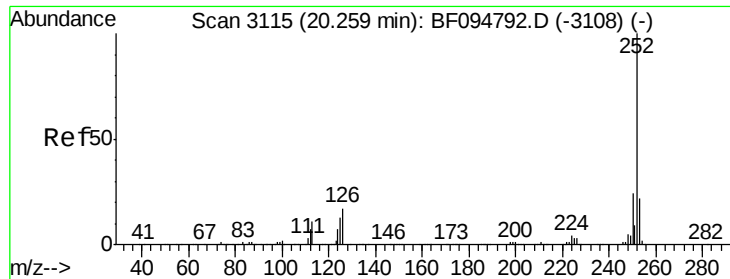
mohammad
5/4/2017 1:44:46 PM



#88
Benzo(k)fluoranthene
Concen: 44.180 ng
RT: 19.94 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	11.4	13.1	19.7#





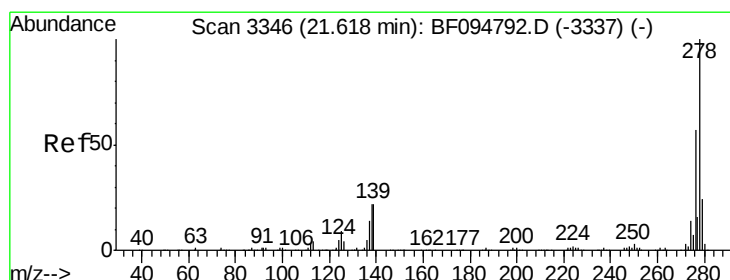
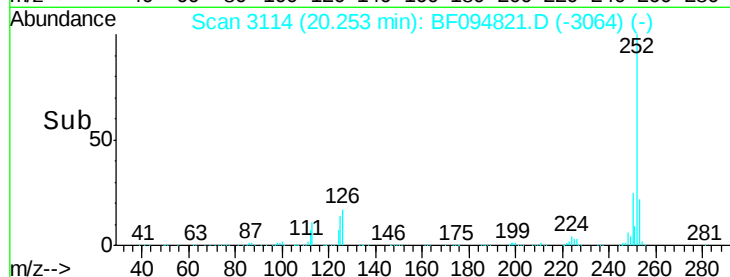
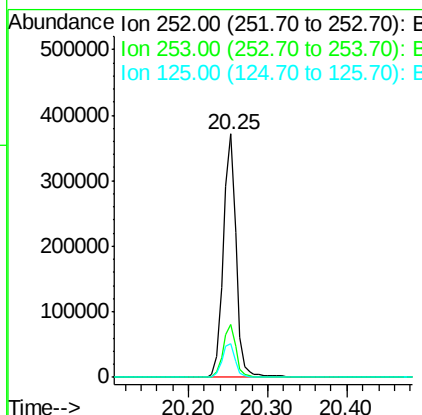
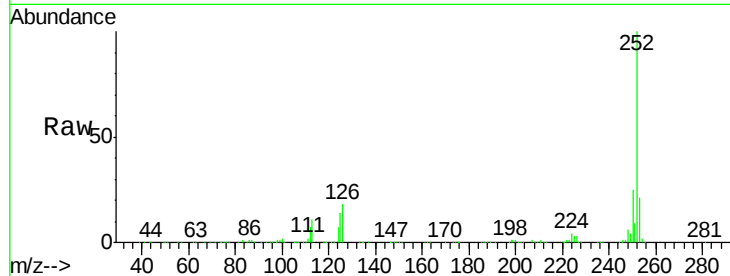
#89
Benzo(a)pyrene
Concen: 42.762 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Instrument :
BNA_F
ClientSampleId :
PB98658BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.8	11.0	16.4

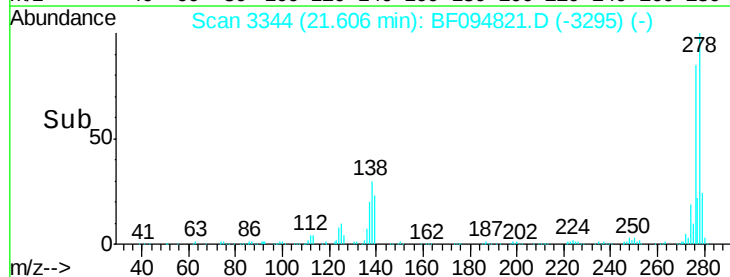
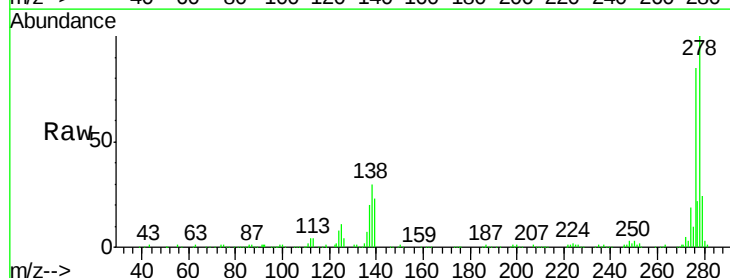
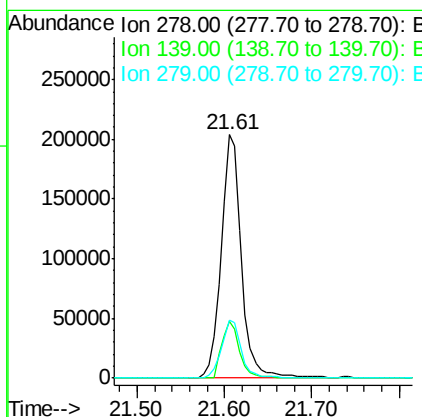
Manual Integrations
APPROVED

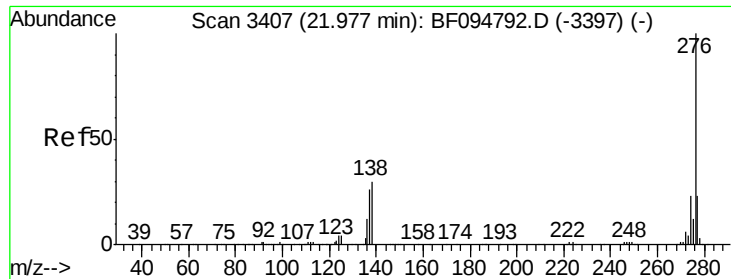
mohammad
5/4/2017 1:44:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.544 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094821.D
Acq: 3 May 2017 7:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	23.7	19.3	28.9





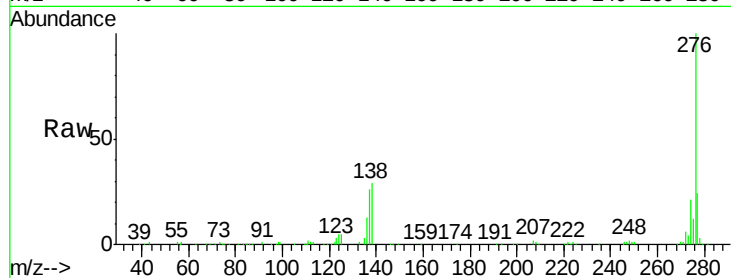
#91
 Benzo(g,h,i)perylene
 Concen: 36.670 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094821.D
 Acq: 3 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98658BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	289774		
277	23.5	18.6	28.0	
138	28.8	25.4	38.0	

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:46 PM



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

