

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094945.D
 Acq On : 6 May 2017 6:24
 Operator : SJ/MA
 Sample : PB98586BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Manual Integrations
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mohammad
 5/8/2017 2:48:42 PM

Quant Time: May 08 01:43:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	98425	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	415370	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	187714	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	326413	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	245647	20.00	ng	-0.01
86) Perylene-d12	20.31	264	187151	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	782263	132.51	ng	0.00
7) Phenol-d6	7.27	99	920363	129.93	ng	0.00
23) Nitrobenzene-d5	8.62	82	544153	82.61	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	191277	124.42	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1075714	82.48	ng	-0.01
78) Terphenyl-d14	17.30	244	912965	81.86	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	92028	31.79	ng	98
3) Pyridine	2.84	79	226526	33.76	ng	99
4) n-Nitrosodimethylamine	2.76	42	110916	39.65	ng	88
6) Aniline	7.23	93	203121	22.71	ng	94
8) 2-Chlorophenol	7.41	128	281390	41.88	ng	97
9) Benzaldehyde	7.05	77	39432	9.12	ng	95
10) Phenol	7.29	94	323790	43.38	ng	89
11) bis(2-Chloroethyl)ether	7.36	93	255537	41.47	ng	98
12) 1,3-Dichlorobenzene	7.63	146	302261	39.65	ng	100
13) 1,4-Dichlorobenzene	7.75	146	313428	40.55	ng	98
14) 1,2-Dichlorobenzene	7.98	146	296693	41.12	ng	97
15) Benzyl Alcohol	8.01	79	215641	47.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	333001	38.18	ng	53
17) 2-Methylphenol	8.22	107	232265	42.24	ng	# 88
18) Hexachloroethane	8.51	117	104164	39.78	ng	89
19) n-Nitroso-di-n-propylamine	8.43	70	201479	42.06	ng	95
20) 3+4-Methylphenols	8.48	107	317427	42.48	ng	# 59
22) Acetophenone	8.40	105	399938	40.13	ng	# 84
24) Nitrobenzene	8.65	77	282257	40.88	ng	94
25) Isophorone	9.05	82	490315	41.69	ng	95
26) 2-Nitrophenol	9.16	139	155711	41.80	ng	98
27) 2,4-Dimethylphenol	9.30	122	253281	42.05	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	326375	40.11	ng	98
29) 2,4-Dichlorophenol	9.58	162	240884	42.35	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	243017	39.88	ng	98
31) Naphthalene	9.78	128	823533	39.45	ng	99
32) Benzoic acid	9.61	122	165327	42.46	ng	97
33) 4-Chloroaniline	9.94	127	43975	5.65	ng	# 87
34) Hexachlorobutadiene	10.00	225	119689	37.23	ng	98
35) Caprolactam	10.54	113	75368m	44.13	ng	
36) 4-Chloro-3-methylphenol	10.77	107	250362	41.17	ng	90
37) 2-Methylnaphthalene	10.90	142	566171	41.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	218060	37.77	ng	100
40) Hexachlorocyclopentadiene	11.16	237	184353	76.27	ng	99

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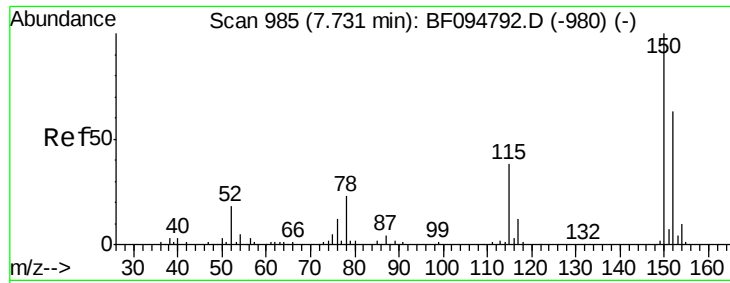
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	160131	41.55	ng	99
43) 2,4,5-Trichlorophenol	11.48	196	164261	39.65	ng #	93
45) 1,1'-Biphenyl	11.67	154	650214	41.14	ng	97
46) 2-Chloronaphthalene	11.68	162	512138	40.13	ng	95
47) 2-Nitroaniline	11.89	65	140505	40.23	ng #	80
48) Acenaphthylene	12.34	152	812993	40.67	ng	98
49) Dimethylphthalate	12.21	163	608042	39.46	ng	99
50) 2,6-Dinitrotoluene	12.31	165	132259	42.07	ng	98
51) Acenaphthene	12.62	154	484484	40.58	ng	97
52) 3-Nitroaniline	12.58	138	54662	16.20	ng #	89
53) 2,4-Dinitrophenol	12.77	184	123531	72.02	ng #	67
54) Dibenzofuran	12.91	168	721431	43.67	ng	98
55) 4-Nitrophenol	12.95	139	161481	79.68	ng #	80
56) 2,4-Dinitrotoluene	12.97	165	173671	42.99	ng #	86
57) Fluorene	13.47	166	584378	40.68	ng	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	127245	48.81	ng	92
59) Diethylphthalate	13.37	149	567655	38.43	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	263348	41.71	ng	89
61) 4-Nitroaniline	13.58	138	122640	39.59	ng	98
62) Azobenzene	13.75	77	534161	45.01	ng	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	88772	40.57	ng #	68
65) n-Nitrosodiphenylamine	13.70	169	487634	41.16	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	146694	42.54	ng	99
67) Hexachlorobenzene	14.36	284	142839	40.42	ng #	86
68) Atrazine	14.62	200	146209	43.71	ng	96
69) Pentachlorophenol	14.71	266	125110	78.42	ng	96
70) Phenanthrene	15.01	178	783555	41.78	ng	98
71) Anthracene	15.09	178	820288	42.82	ng	98
72) Carbazole	15.38	167	708751	40.66	ng	97
73) Di-n-butylphthalate	15.94	149	889101	40.90	ng	99
74) Fluoranthene	16.75	202	825920	42.93	ng	98
76) Benzidine	16.97	184	254268	39.61	ng #	93
77) Pyrene	17.05	202	823468	44.82	ng	99
79) Butylbenzylphthalate	17.96	149	384661	45.01	ng	90
80) Benzo(a)anthracene	18.63	228	604945	42.31	ng	99
81) 3,3'-Dichlorobenzidine	18.61	252	118111	23.92	ng #	97
82) Chrysene	18.67	228	575878	41.66	ng	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	525762	43.18	ng #	99
84) Di-n-octyl phthalate	19.47	149	846600	42.41	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	493342	43.95	ng	99
87) Benzo(b)fluoranthene	19.90	252	507055	43.85	ng	98
88) Benzo(k)fluoranthene	19.92	252	495026	44.38	ng	97
89) Benzo(a)pyrene	20.25	252	460569	43.16	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	411585	46.70	ng	97
91) Benzo(g,h,i)perylene	21.96	276	423953	49.02	ng	98

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



#1

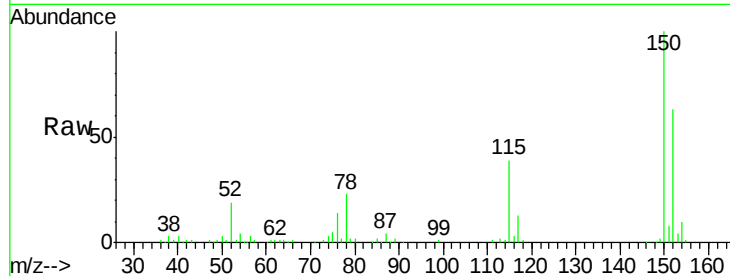
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

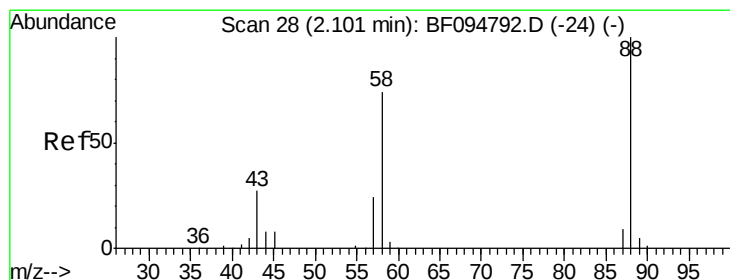
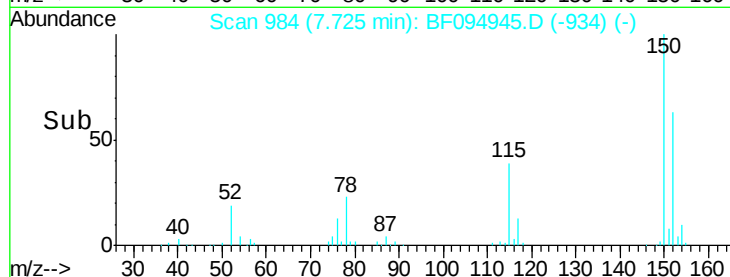
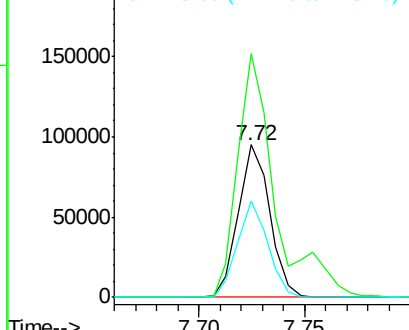
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	62.8	52.2	78.2

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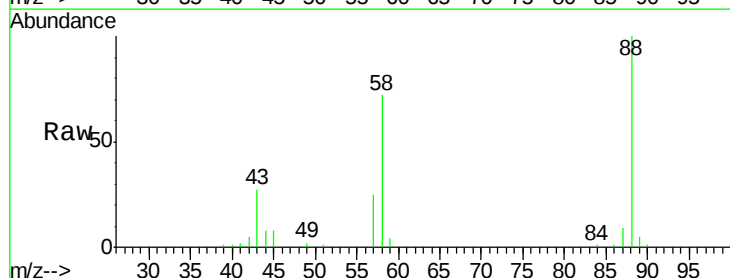
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



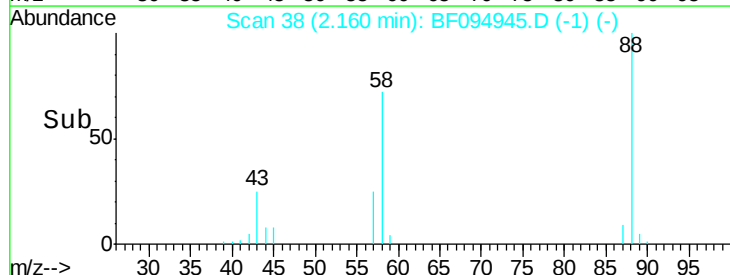
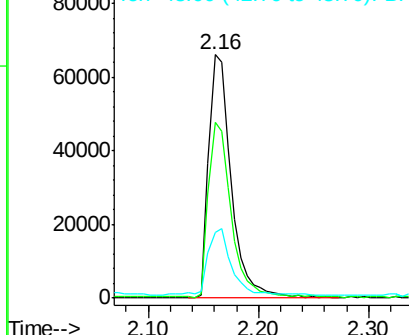
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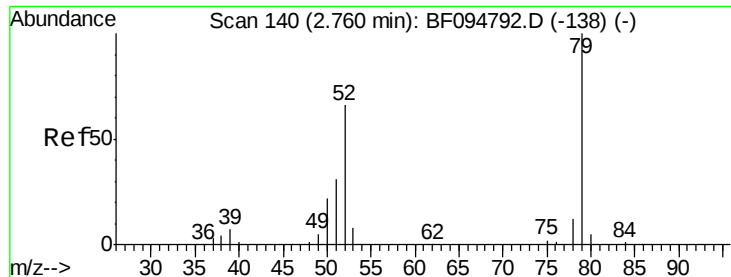
1,4-Dioxane
Concen: 31.79 ng
RT: 2.16 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	61.4	92.0
43	28.0	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: 33.76 ng

RT: 2.84 min Scan# 154

Delta R.T. 0.08 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

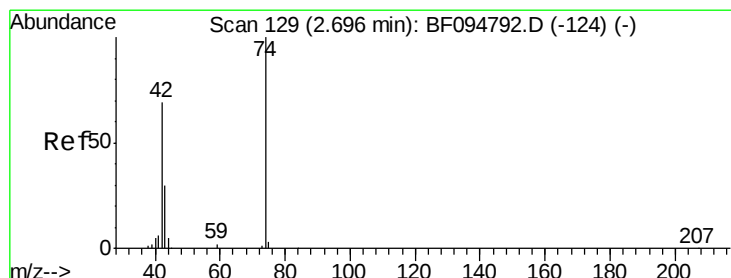
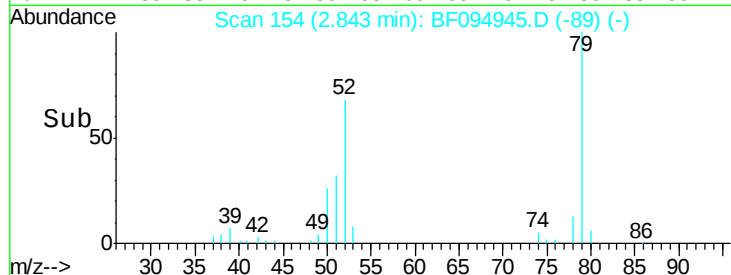
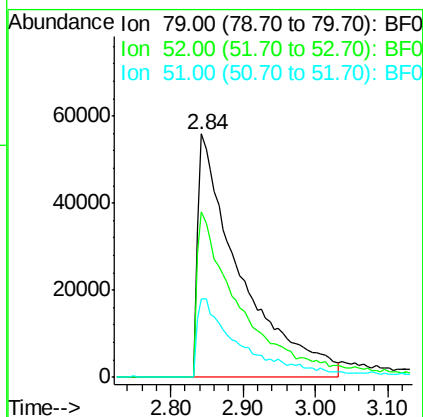
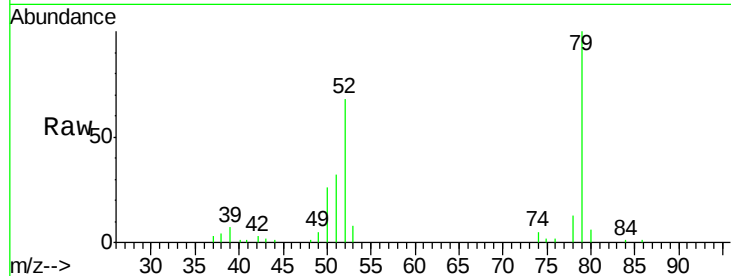
ClientSampleId :

PB98586BS

Tgt Ion:	79	Resp:	226526
Ion	Ratio	Lower	Upper
79	100		
52	68.0	54.8	82.2
51	32.2	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 39.65 ng

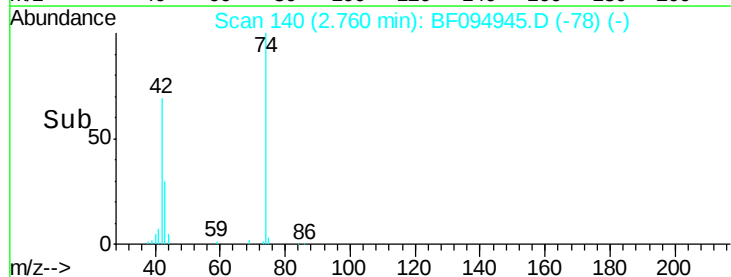
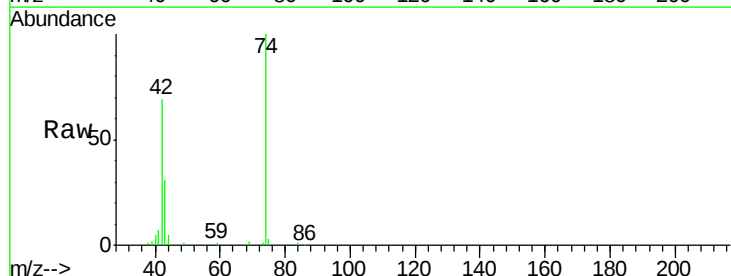
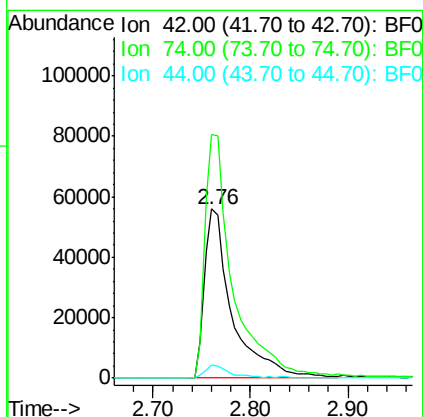
RT: 2.76 min Scan# 140

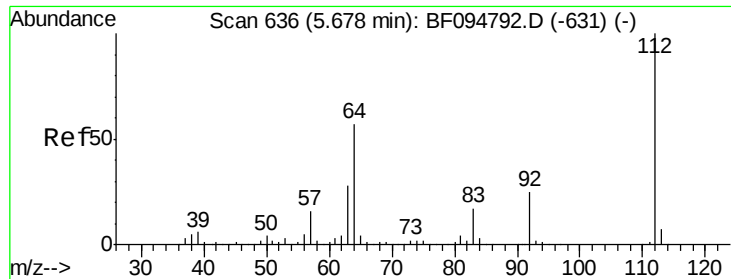
Delta R.T. 0.06 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	42	Resp:	110916
Ion	Ratio	Lower	Upper
42	100		
74	144.3	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 132.51 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

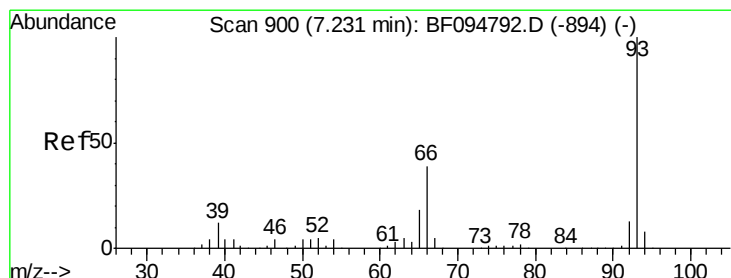
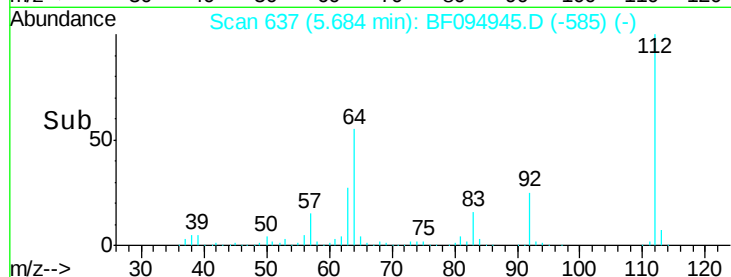
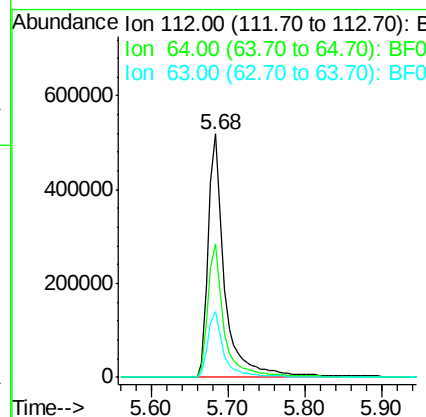
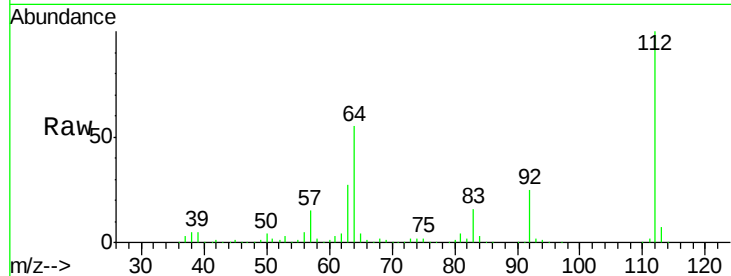
ClientSampleId :

PB98586BS

Tgt Ion:	112	Resp:	782263
Ion Ratio	Lower	Upper	
112	100		
64	55.1	46.0	69.0
63	26.9	23.4	35.0

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#6

Aniline

Concen: 22.71 ng

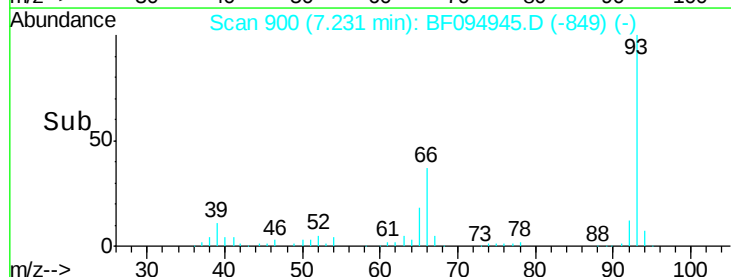
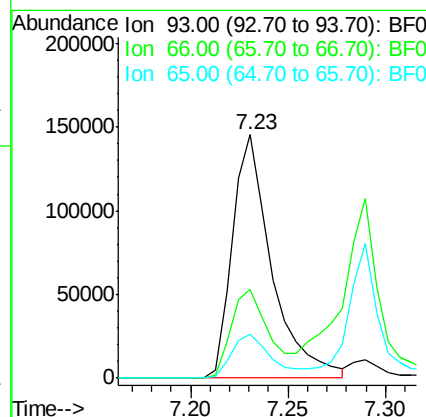
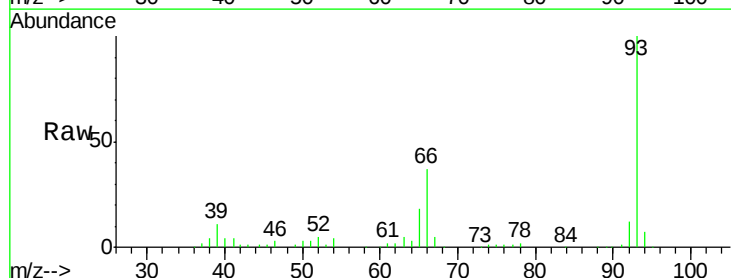
RT: 7.23 min Scan# 900

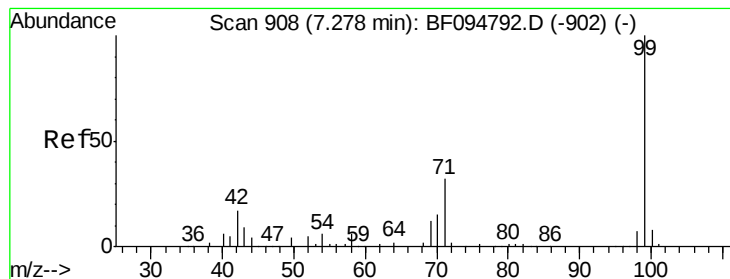
Delta R.T. 0.00 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	93	Resp:	203121
Ion Ratio	Lower	Upper	
93	100		
66	36.6	32.9	49.3
65	18.0	16.0	24.0





#7

Phenol-d6

Concen: 129.93 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

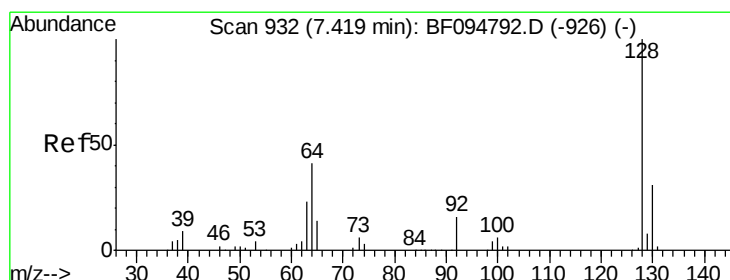
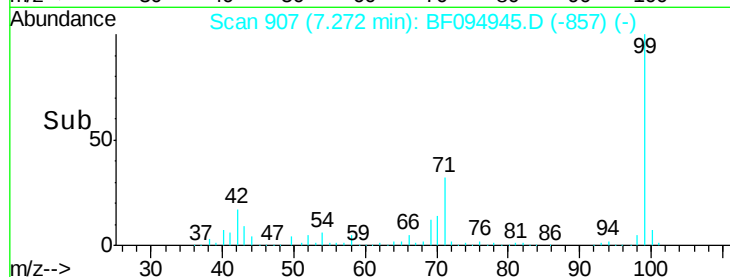
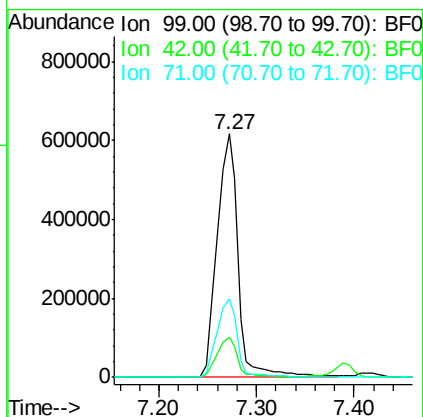
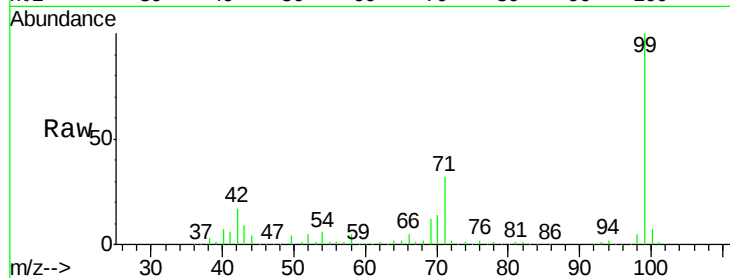
ClientSampleId :

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Tgt Ion:	99	Resp:	920363
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	32.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.88 ng

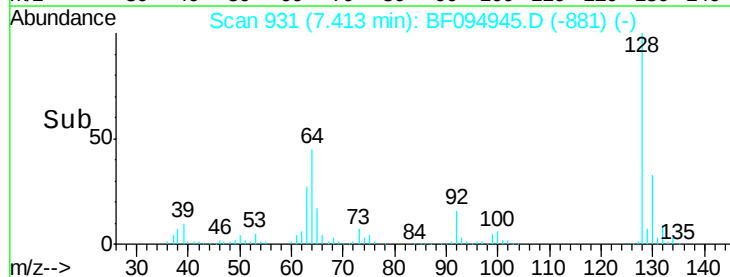
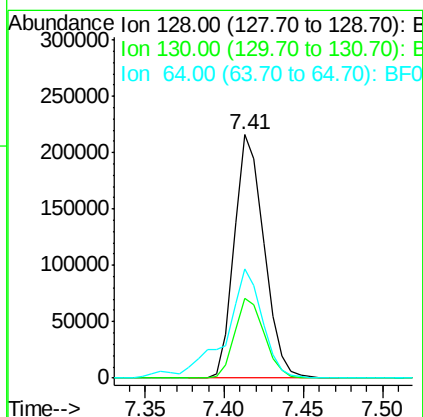
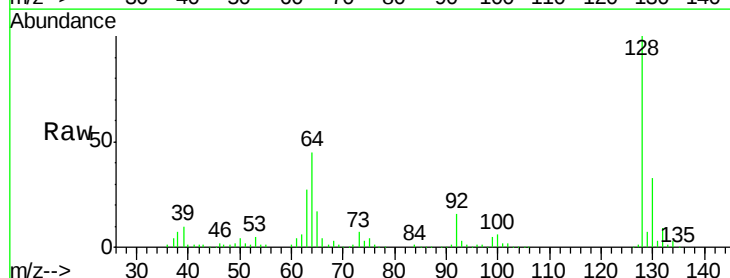
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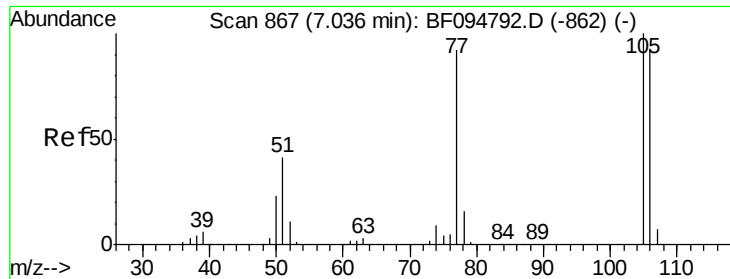
Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	128	Resp:	281390
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	44.9	28.4	68.4





#9

Benzaldehyde

Concen: 9.12 ng

RT: 7.05 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

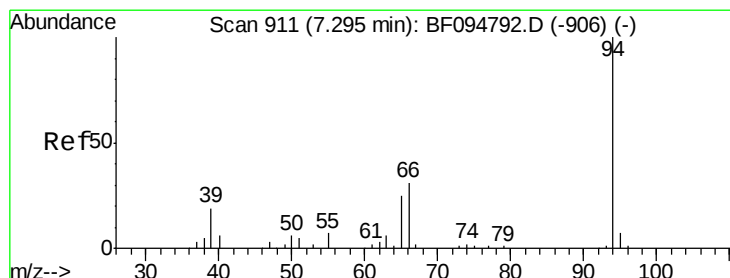
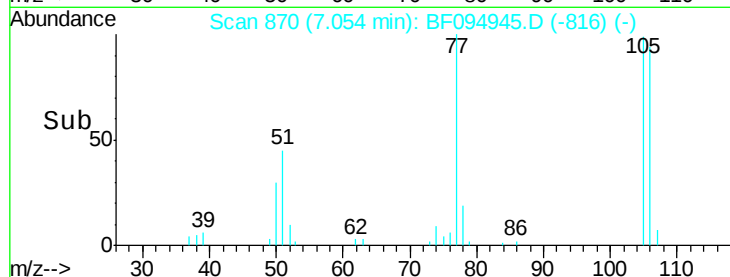
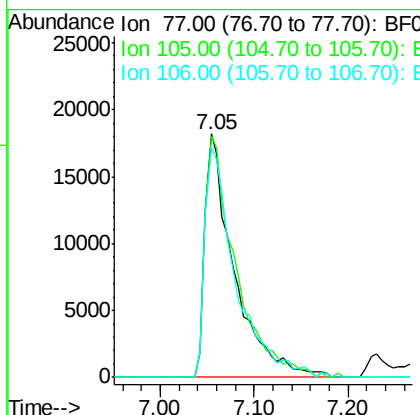
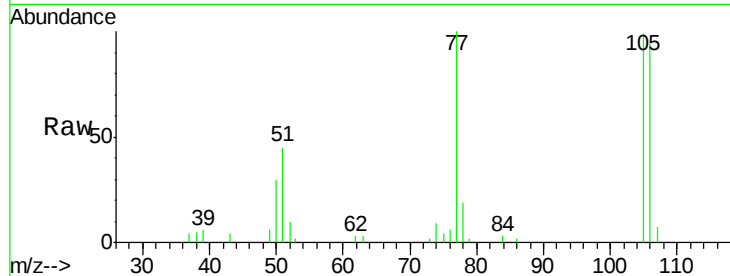
ClientSampleId :

PB98586BS

Tgt Ion:	77	Resp:	39432
Ion	Ratio	Lower	Upper
77	100		
105	98.9	83.8	123.8
106	94.4	79.1	119.1

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#10

Phenol

Concen: 43.38 ng

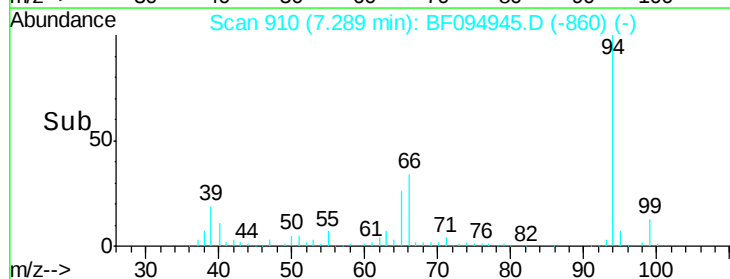
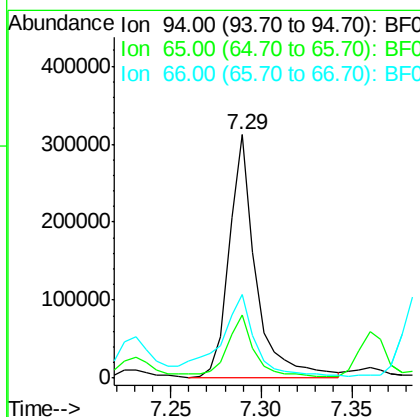
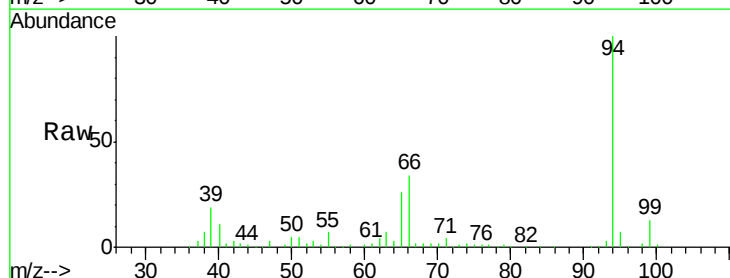
RT: 7.29 min Scan# 910

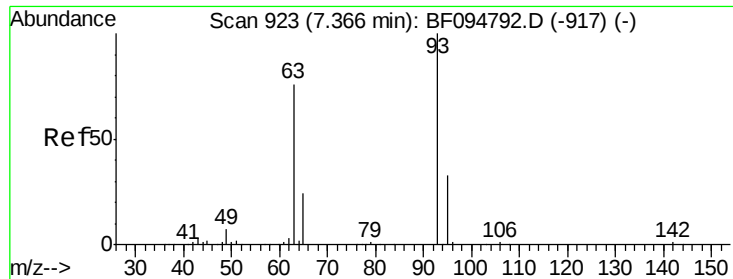
Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	94	Resp:	323790
Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	34.4	23.1	63.1





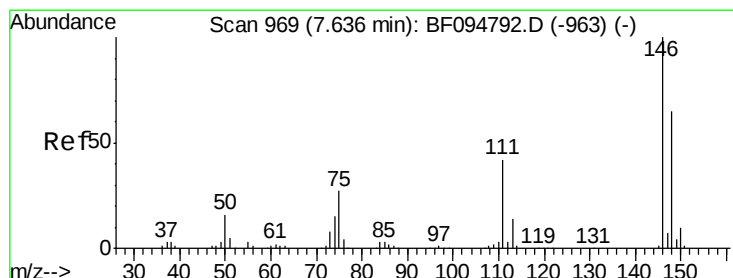
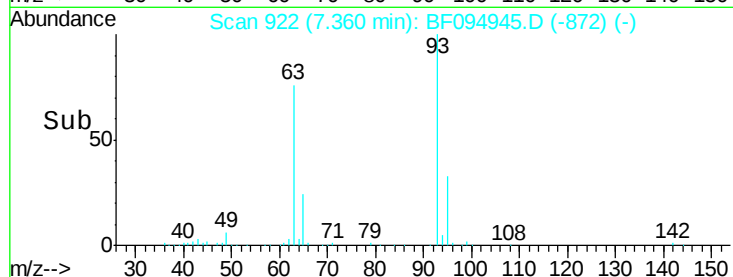
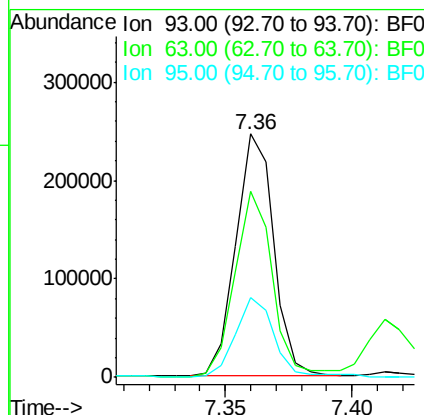
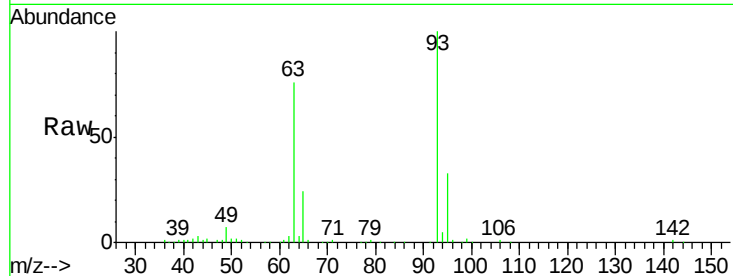
#11
bis(2-Chloroethyl)ether
Concen: 41.47 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	255537		
63	76.4	59.2	99.2	
95	32.6	12.8	52.8	

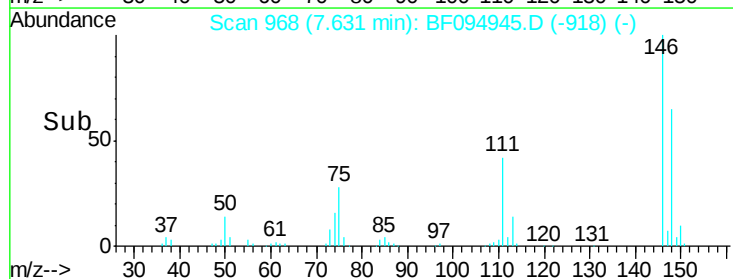
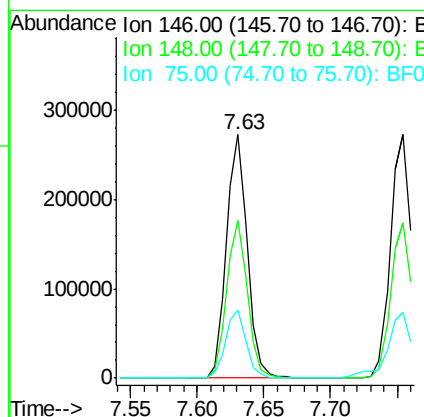
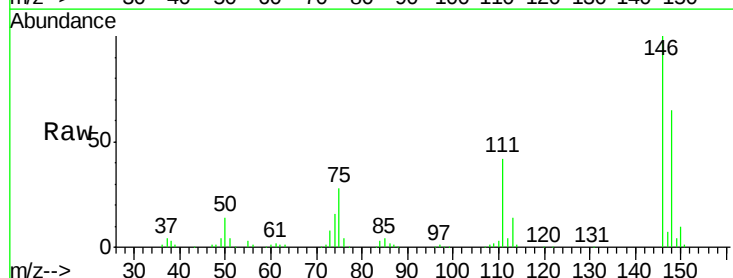
Manual Integrations
APPROVED

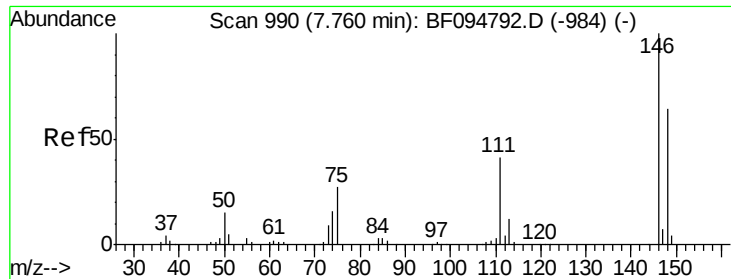
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.65 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302261		
148	64.7	51.8	77.6	
75	28.1	23.1	34.7	





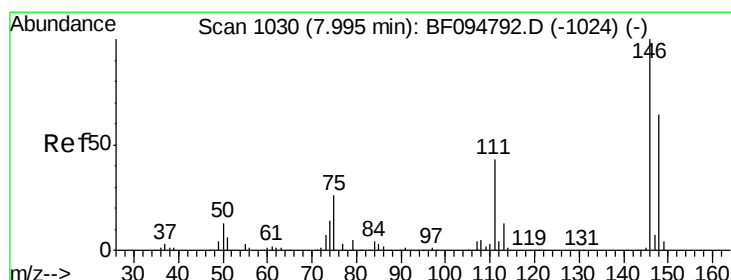
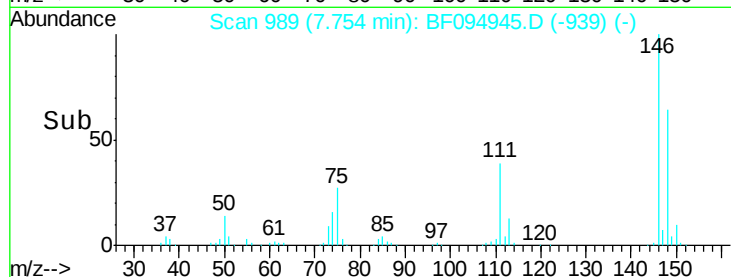
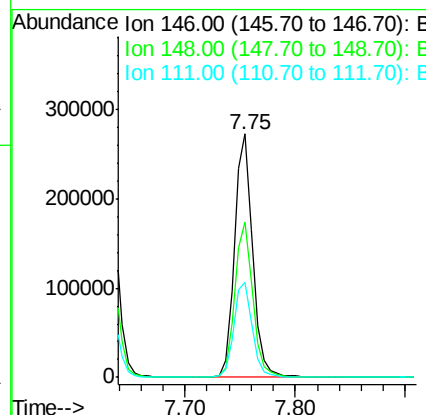
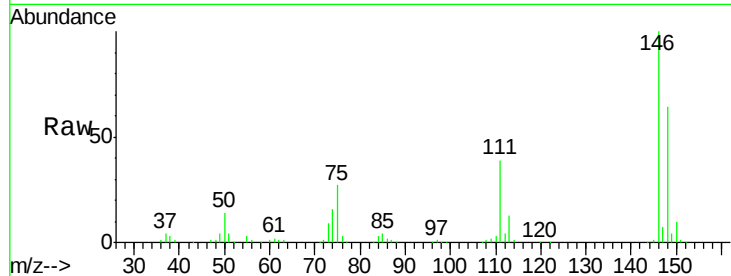
#13
 1,4-Dichlorobenzene
 Concen: 40.55 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	39.3	30.3	45.5

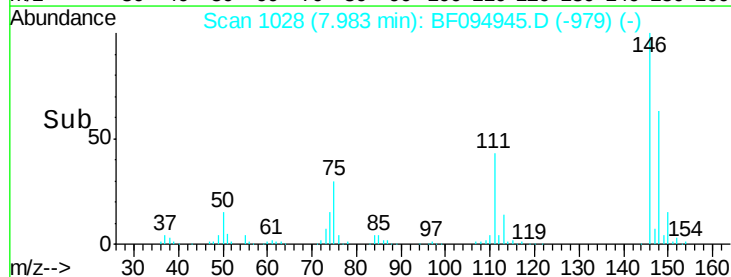
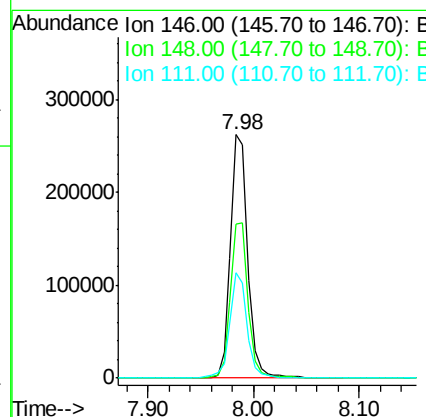
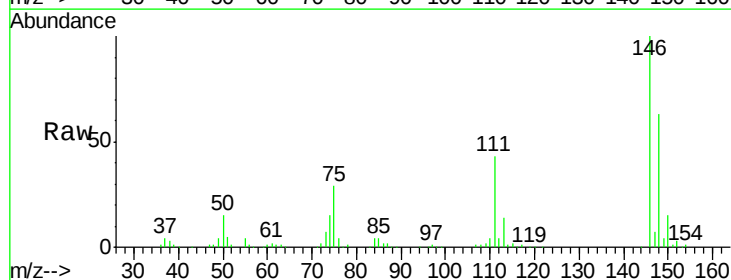
Manual Integrations
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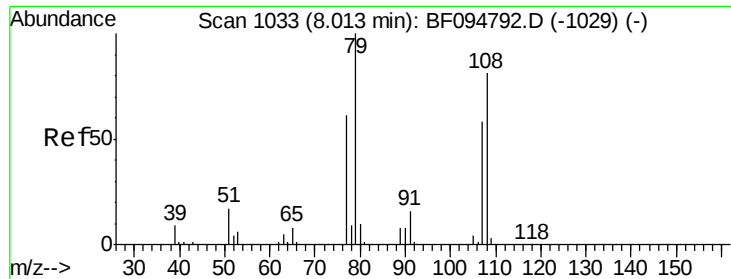
mohammad
 5/8/2017 2:48:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.12 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	43.2	38.2	57.4





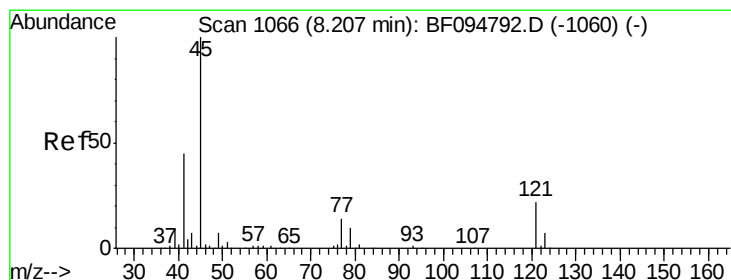
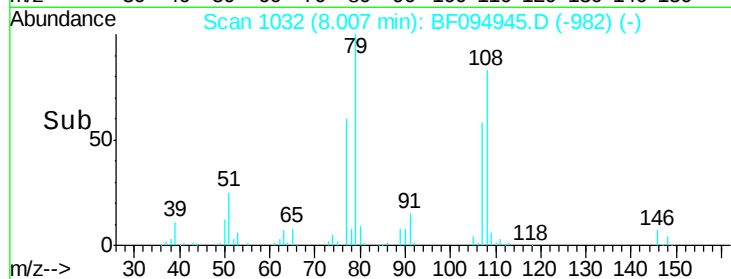
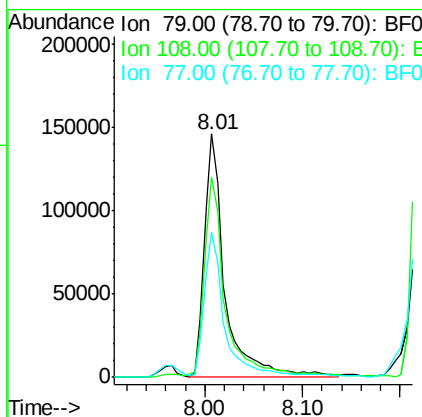
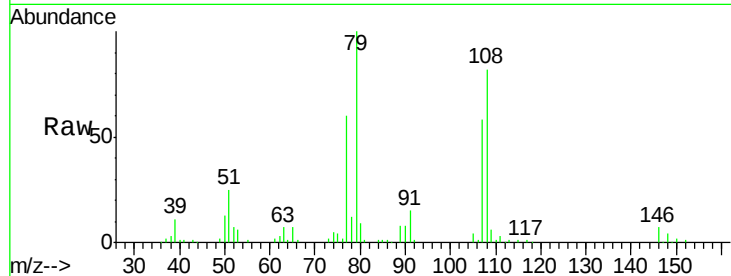
#15
Benzyl Alcohol
Concen: 47.33 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.1	63.4	95.0
77	59.6	49.2	73.8

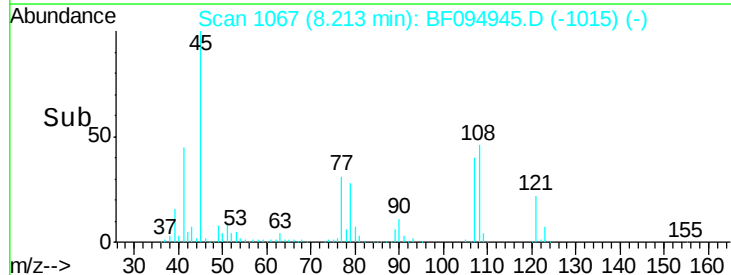
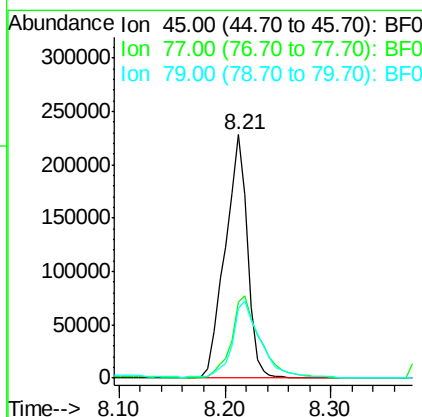
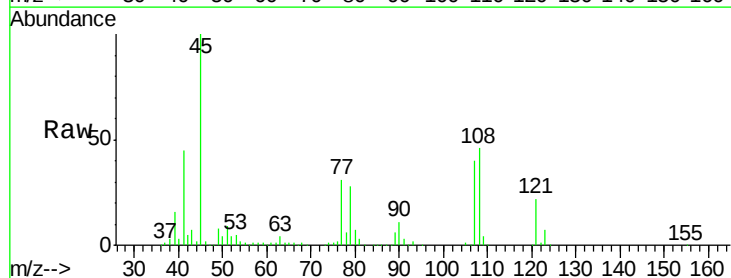
Manual Integrations
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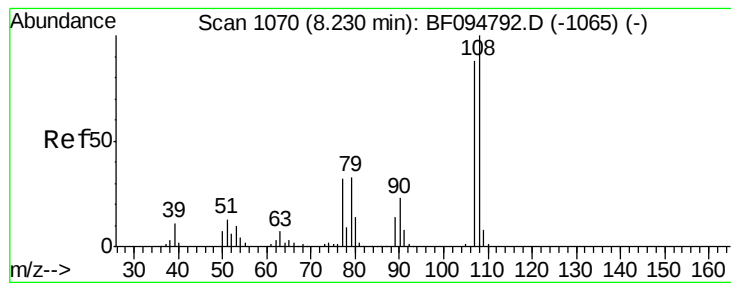
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.18 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

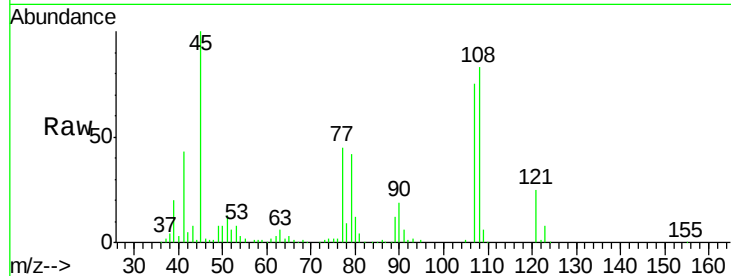
Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.2	0.0	33.2
79	28.5	0.0	30.0





#17
2-Methylphenol
Concen: 42.24 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

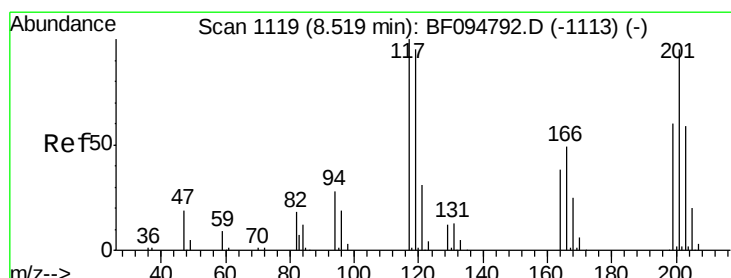
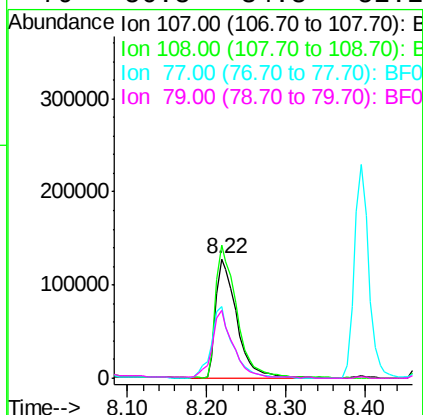
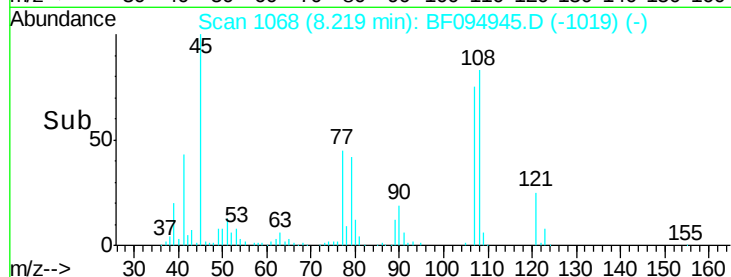
Instrument :
BNA_F
ClientSampleId :
PB98586BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	111.5	93.4	140.0
77	59.9	35.8	53.6#
79	56.8	34.8	52.2#

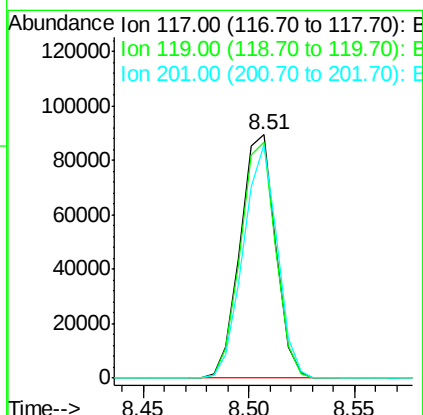
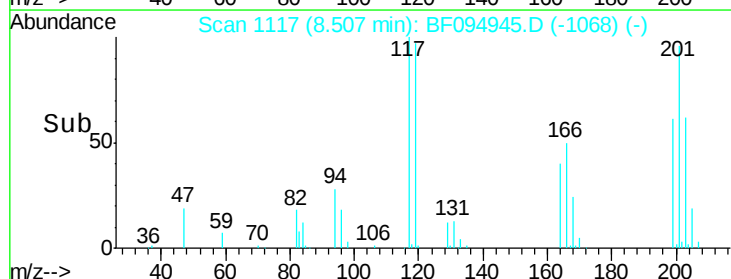
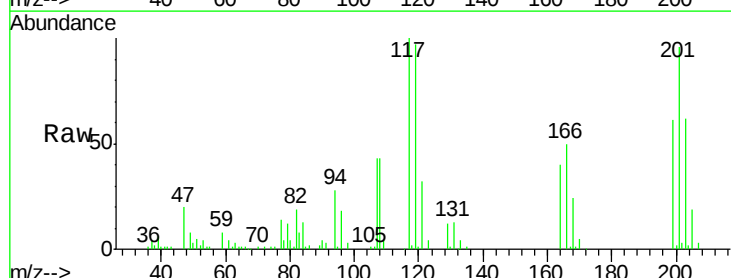
Manual Integrations
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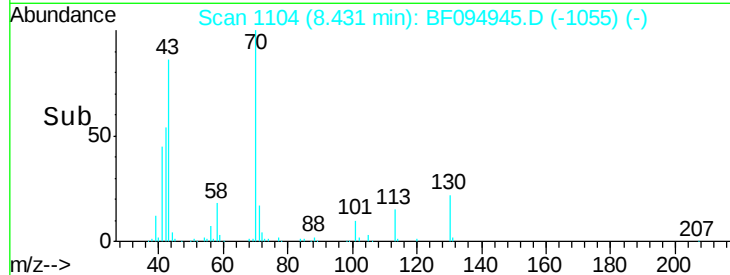
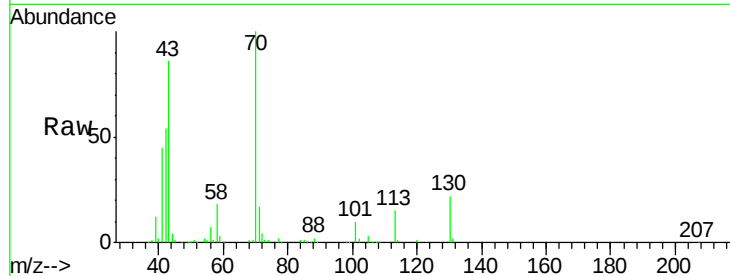
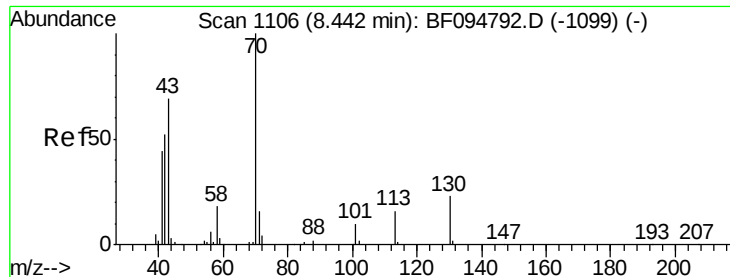
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#18
Hexachloroethane
Concen: 39.78 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.9	77.4	116.0
201	95.9	94.6	141.8





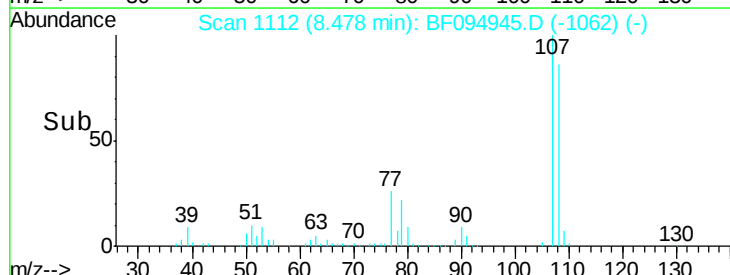
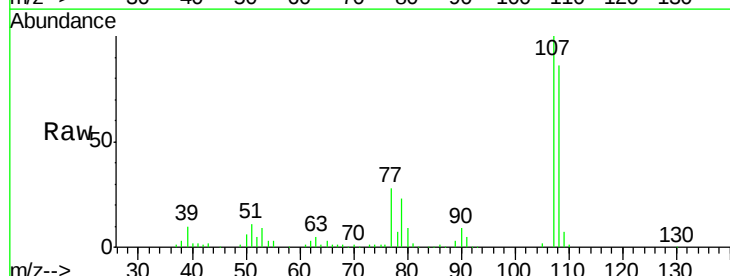
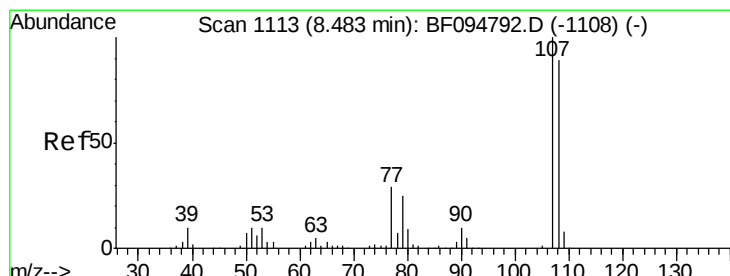
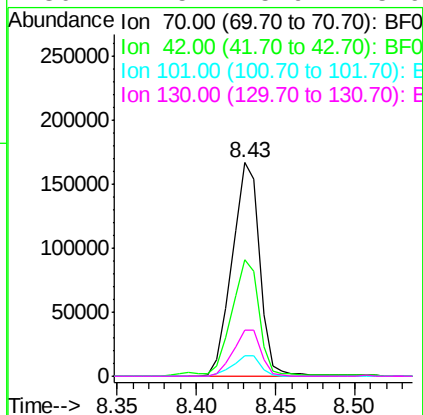
#19
n-Nitroso-di-n-propylamine
Concen: 42.06 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.2	70.8
101	9.9	7.2	10.8
130	21.5	15.9	23.9

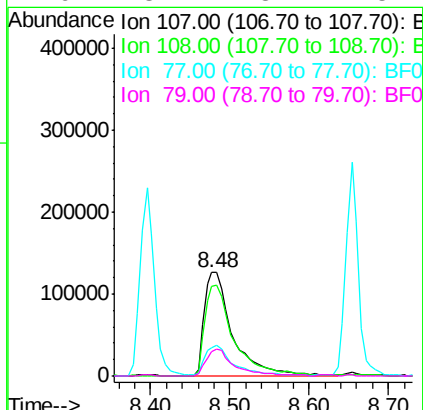
Manual Integrations
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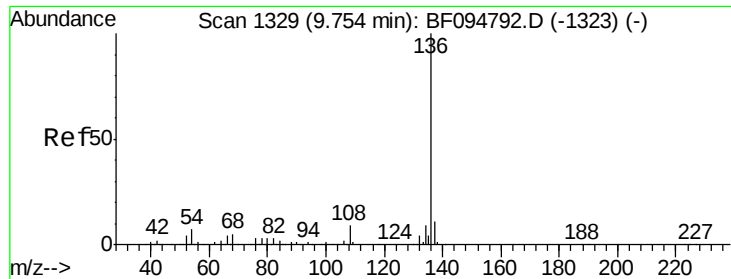
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#20
3+4-Methylphenols
Concen: 42.48 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.0	111.0
77	27.9	90.5	130.5#
79	23.4	8.4	48.4





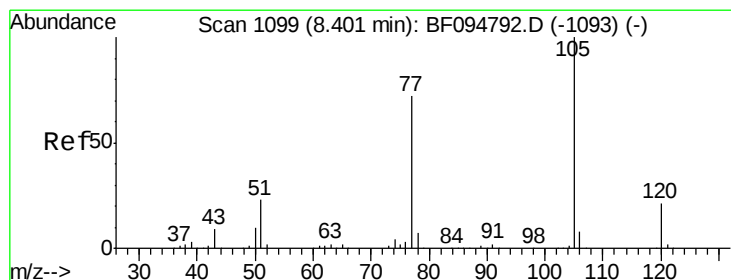
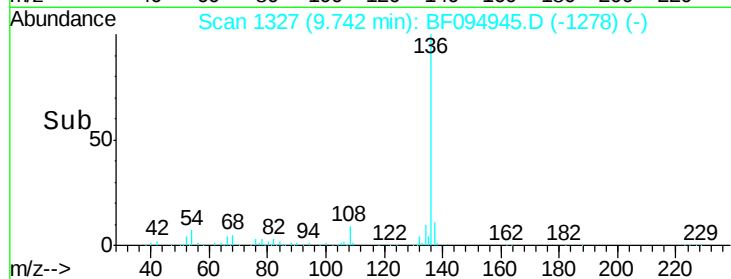
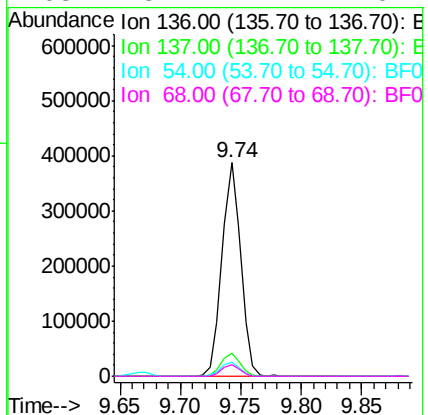
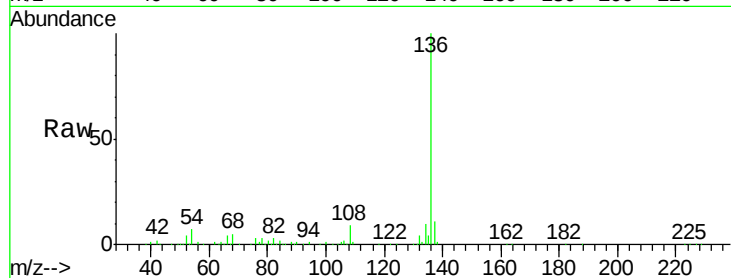
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	415370		
137	10.8	8.5	12.7	
54	6.8	4.9	7.3	
68	5.2	4.1	6.1	

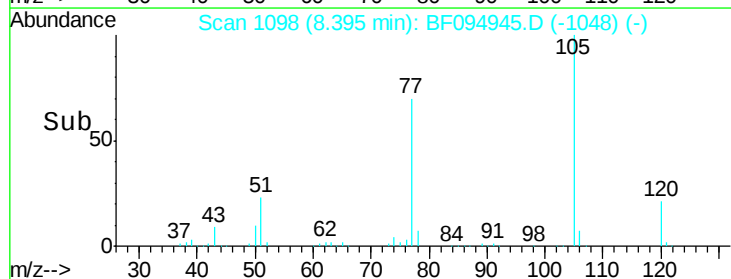
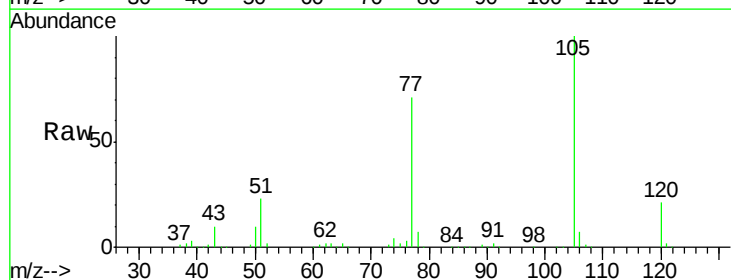
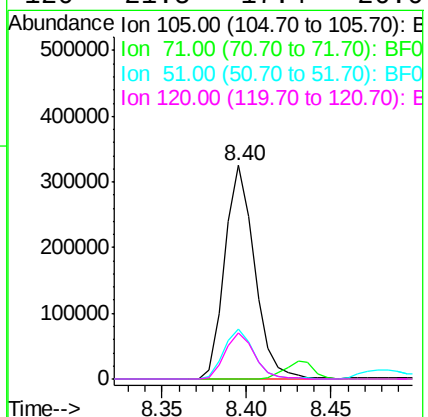
Manual Integrations
APPROVED

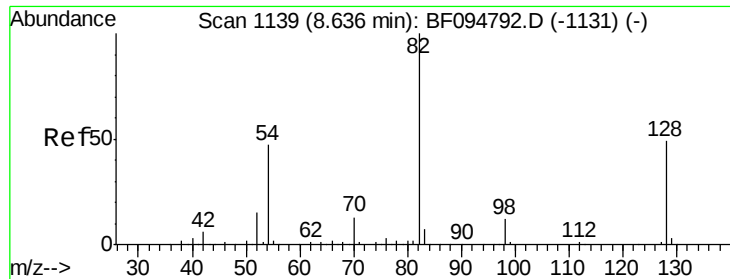
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#22
Acetophenone
Concen: 40.13 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399938		
71	0.0	2.8	4.2#	
51	23.3	30.7	46.1#	
120	21.5	17.4	26.0	





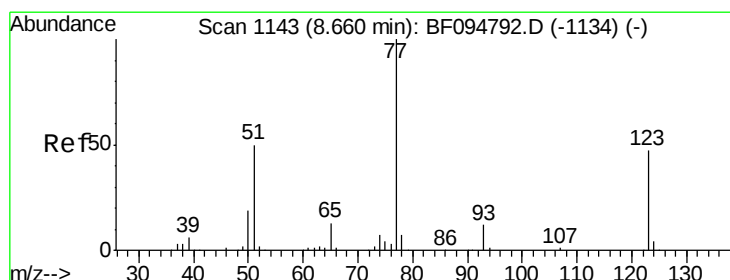
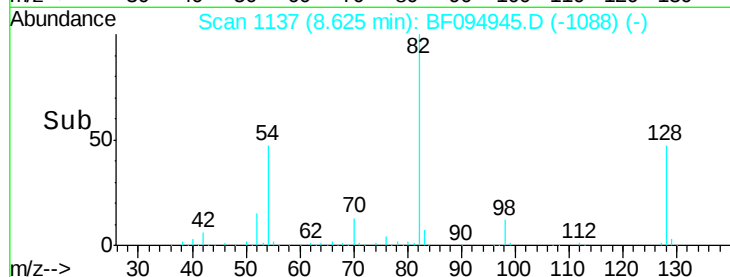
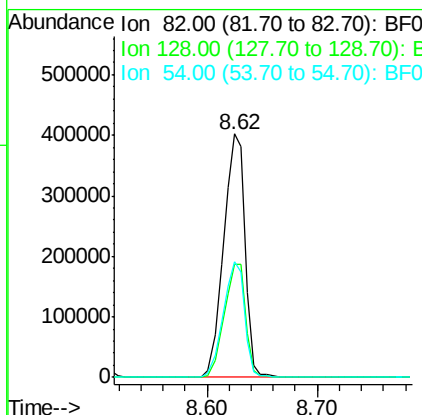
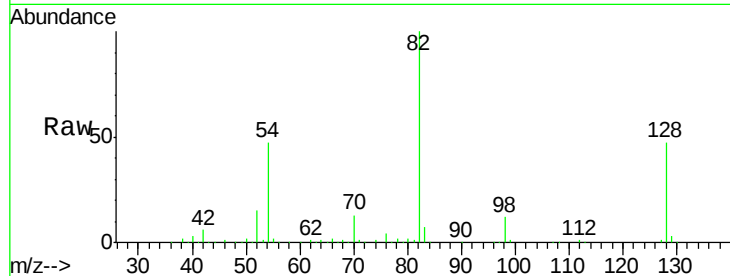
#23
Nitrobenzene-d5
Concen: 82.61 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	544153		
128	46.7	34.0	51.0	
54	47.3	42.2	63.2	

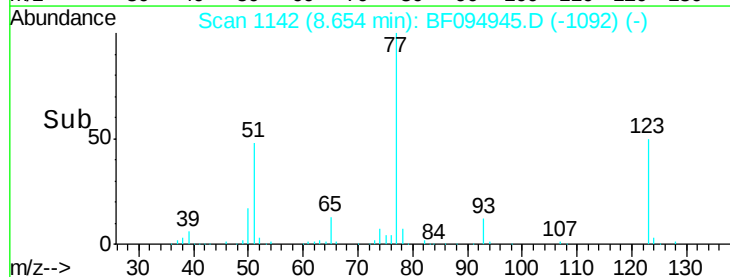
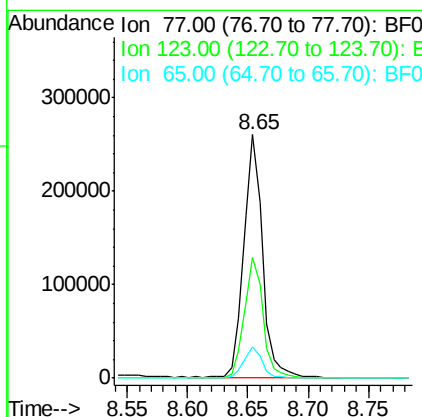
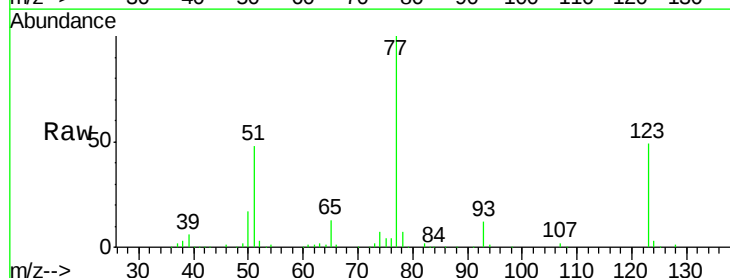
Manual Integrations
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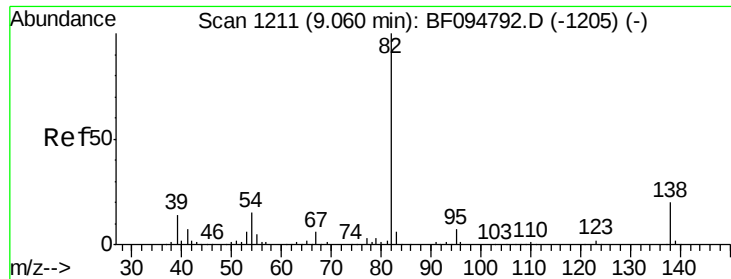
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#24
Nitrobenzene
Concen: 40.88 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	282257		
123	49.5	35.8	53.8	
65	12.6	10.6	15.8	





#25

Isophorone

Concen: 41.69 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

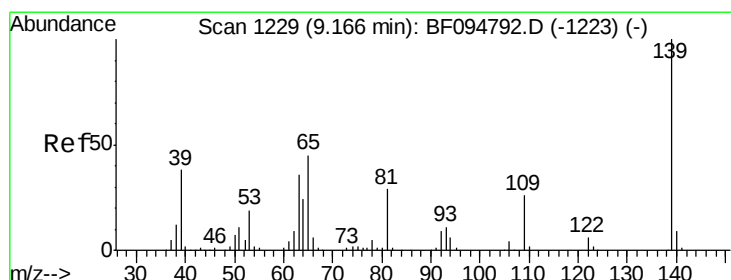
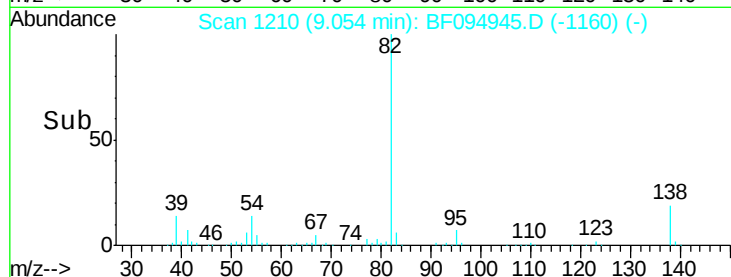
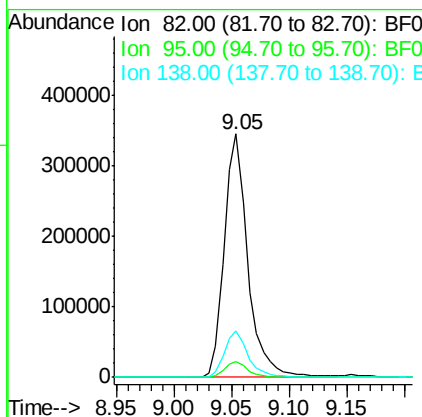
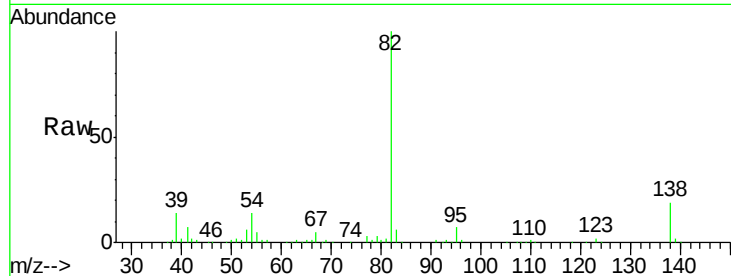
ClientSampleId :

PB98586BS

Tgt Ion:	82	Resp:	490315
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.3	7.9
138	19.3	13.1	19.7

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#26

2-Nitrophenol

Concen: 41.80 ng

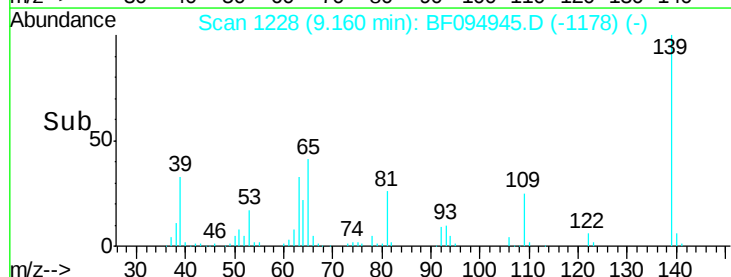
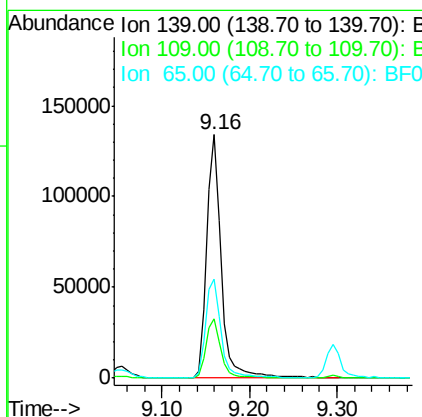
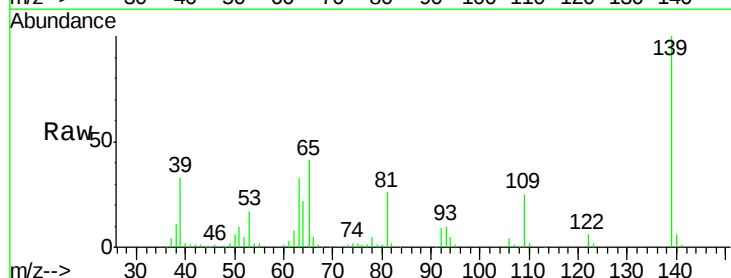
RT: 9.16 min Scan# 1228

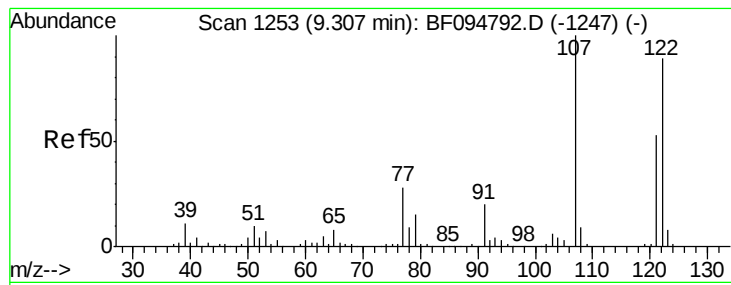
Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	139	Resp:	155711
Ion Ratio		Lower	Upper
139	100		
109	24.5	21.0	31.6
65	40.9	33.0	49.6





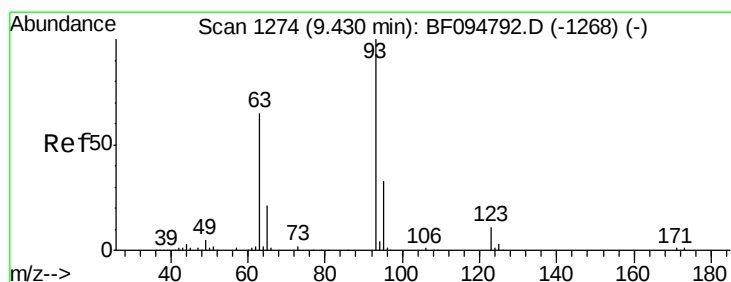
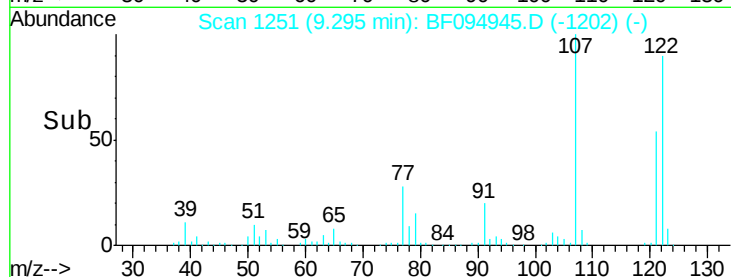
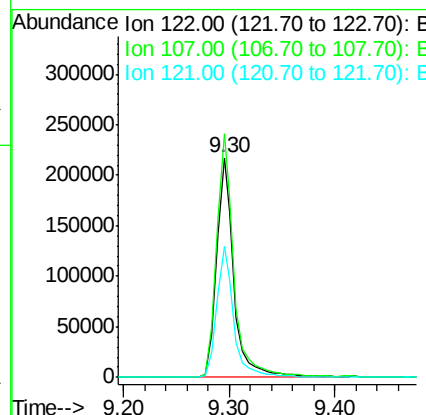
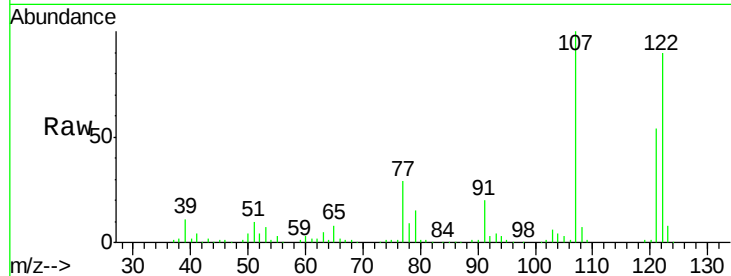
#27
 2,4-Dimethylphenol
 Concen: 42.05 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	253281		
107	110.7	89.2	133.8	
121	59.6	45.2	67.8	

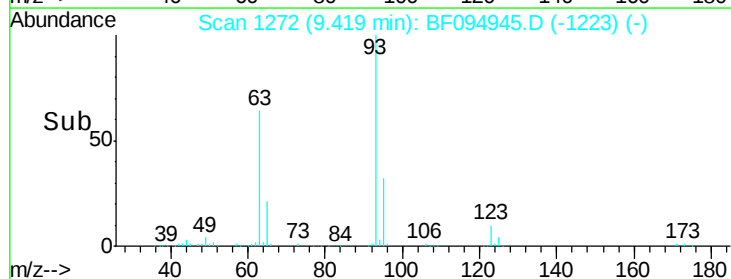
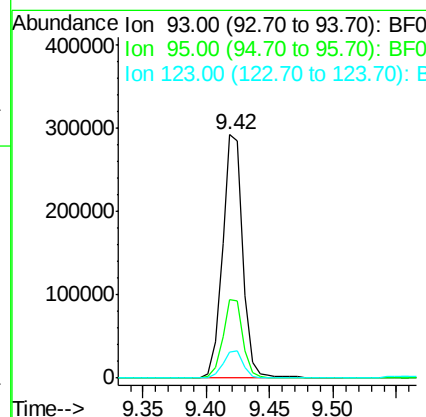
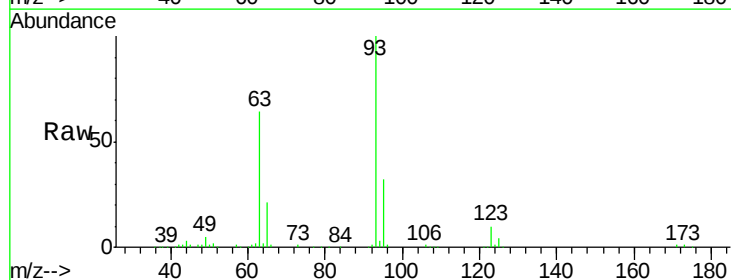
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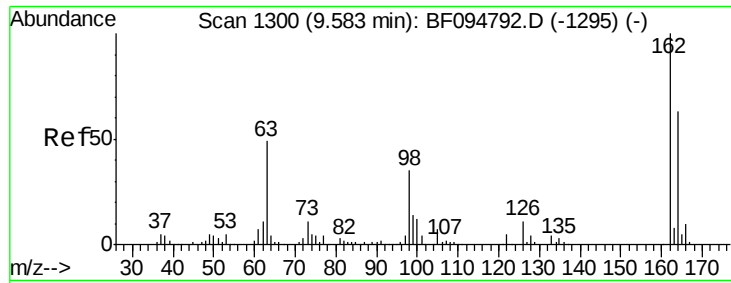
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.11 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	326375		
95	32.1	26.5	39.7	
123	10.5	9.0	13.4	





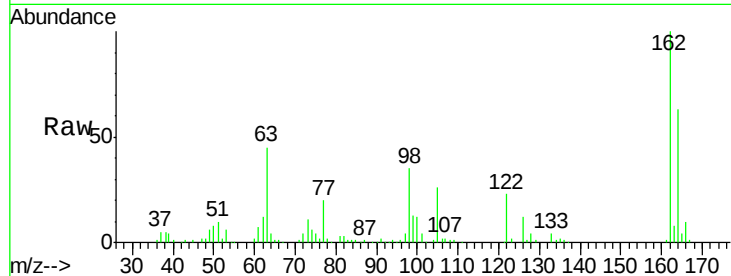
#29
 2,4-Dichlorophenol
 Concen: 42.35 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

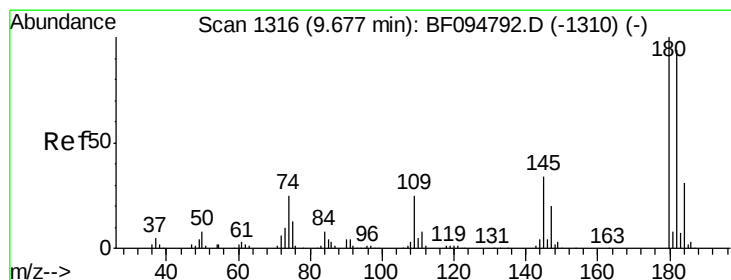
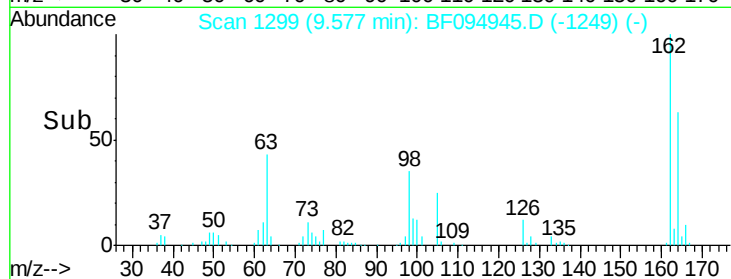
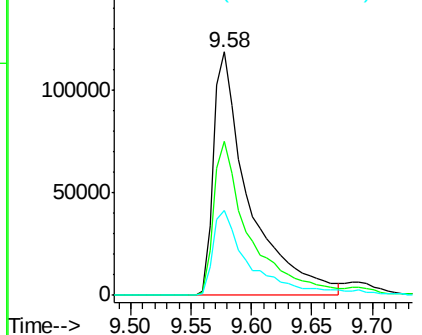
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	240884		
164	63.1	44.6	84.6	
98	34.6	14.8	54.8	

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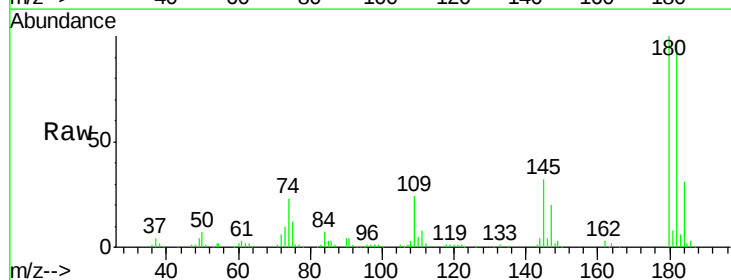


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

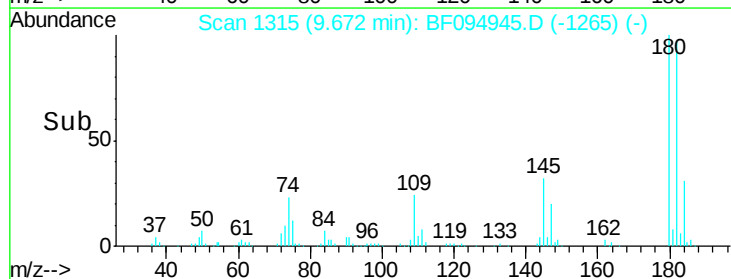
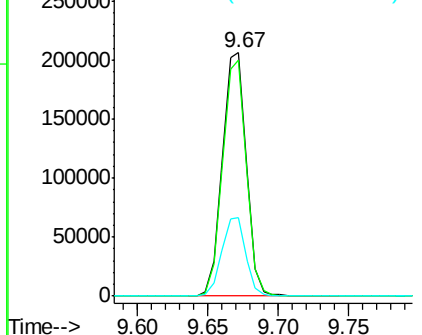


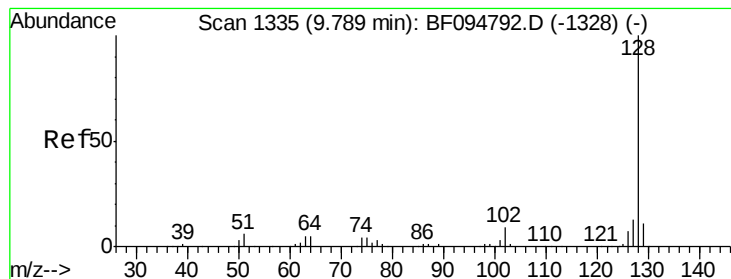
#30
 1,2,4-Trichlorobenzene
 Concen: 39.88 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	243017		
182	96.8	75.8	113.6	
145	32.3	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: 39.45 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

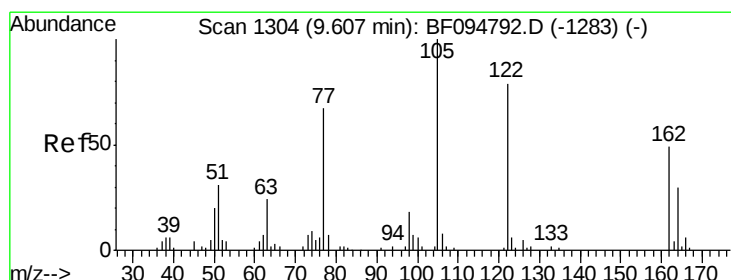
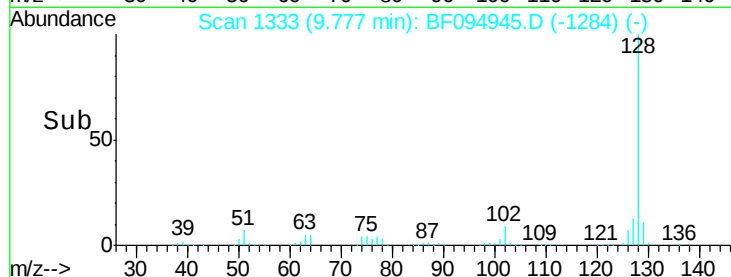
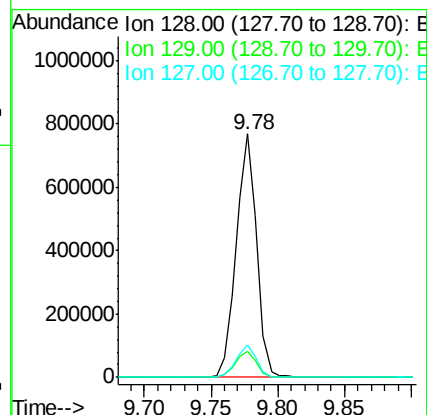
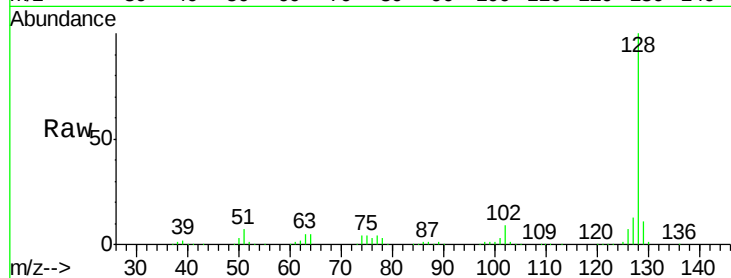
ClientSampled :

PB98586BS

Tgt Ion:	128	Resp:	823533
Ion Ratio		Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 42.46 ng

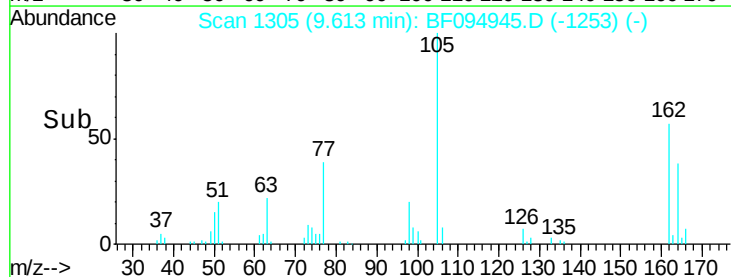
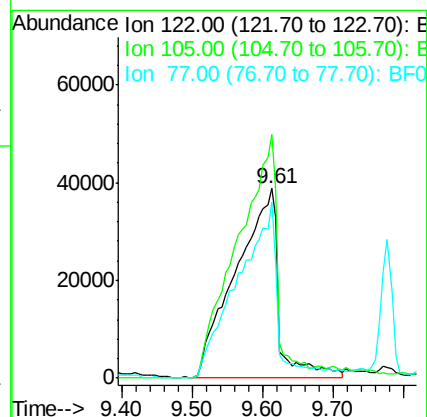
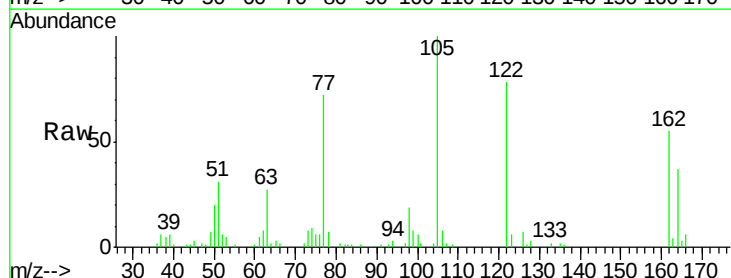
RT: 9.61 min Scan# 1305

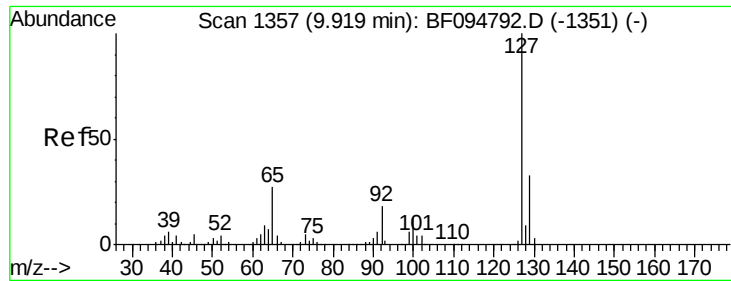
Delta R.T. 0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	122	Resp:	165327
Ion Ratio		Lower	Upper
122	100		
105	128.3	103.3	143.3
77	92.4	73.7	113.7





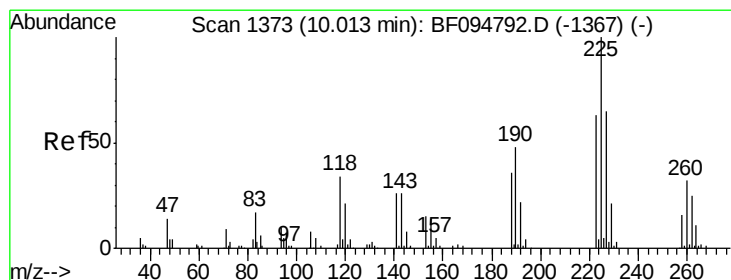
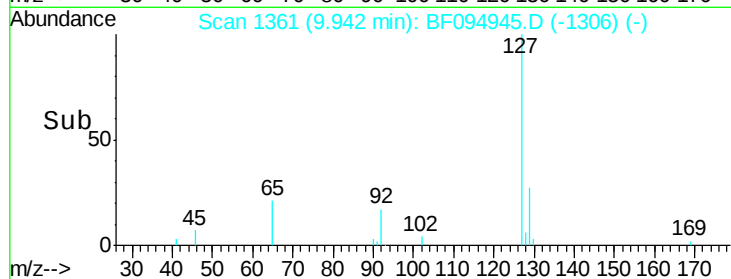
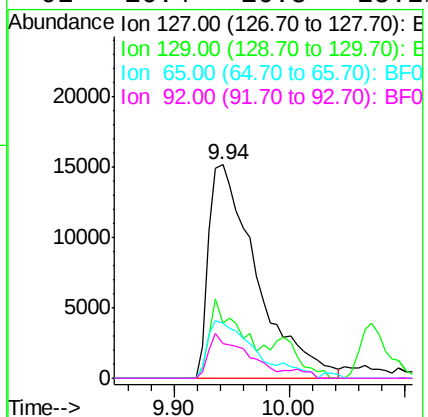
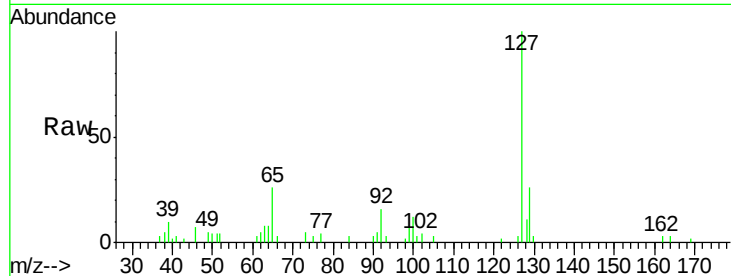
#33
4-Chloroaniline
Concen: 5.65 ng
RT: 9.94 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	43975		
129	25.9	26.2	39.2#	
65	25.9	27.8	41.8#	
92	16.4	16.8	25.2#	

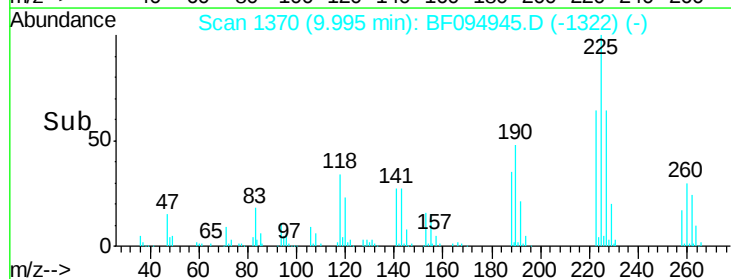
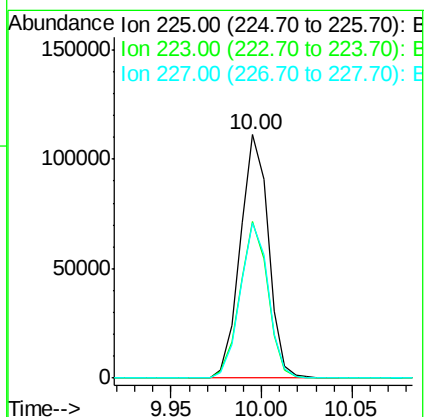
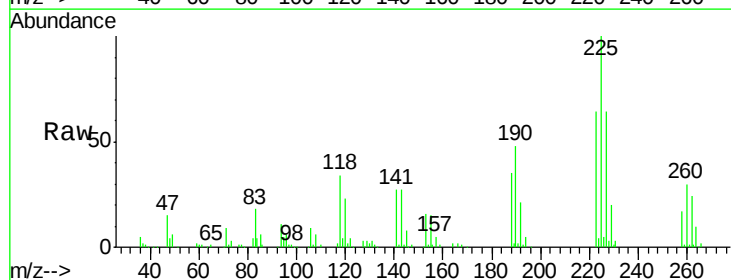
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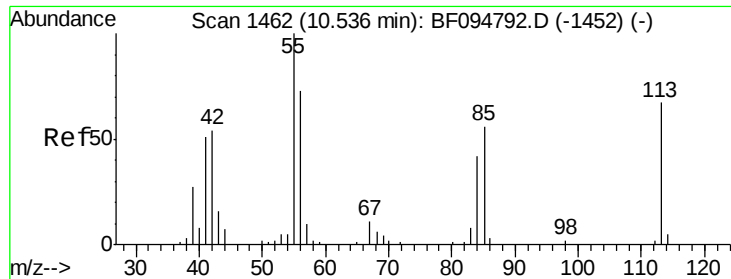
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#34
Hexachlorobutadiene
Concen: 37.23 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119689		
223	64.3	48.8	73.2	
227	63.5	51.1	76.7	





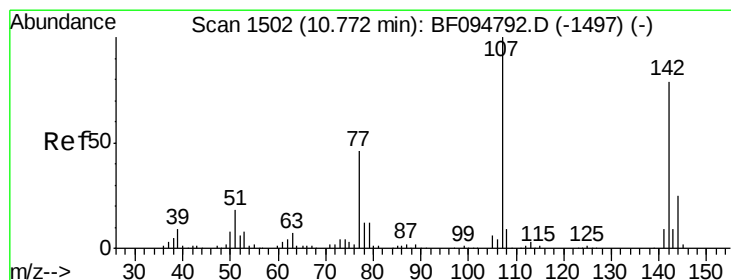
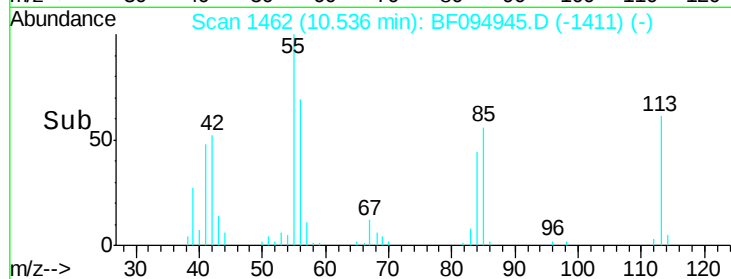
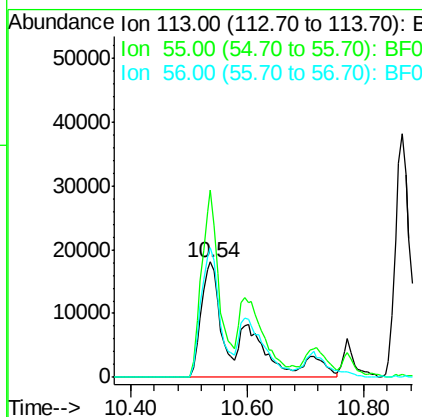
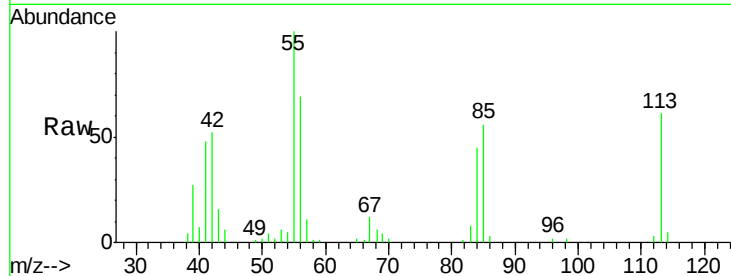
#35
 Caprolactam
 Concen: 44.13 ng m
 RT: 10.54 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampled :
 PB98586BS

Tgt Ion: 113 Resp: 75368
 Ion Ratio Lower Upper
 113 100
 55 162.6 150.2 190.2
 56 112.5 107.8 147.8

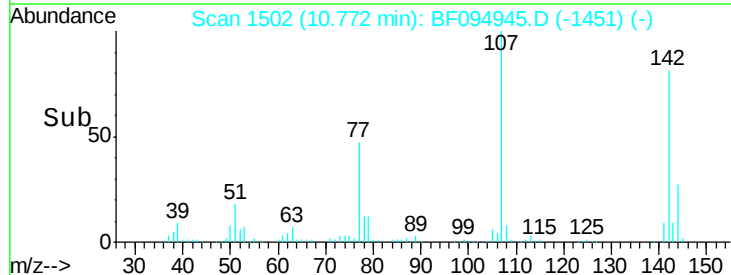
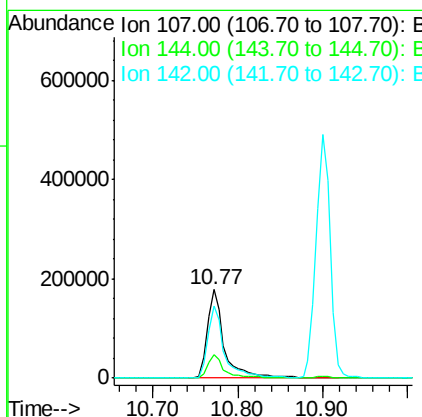
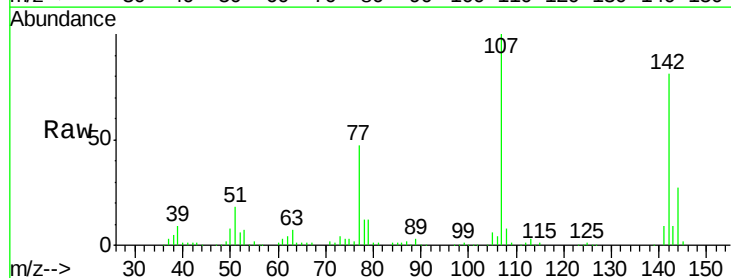
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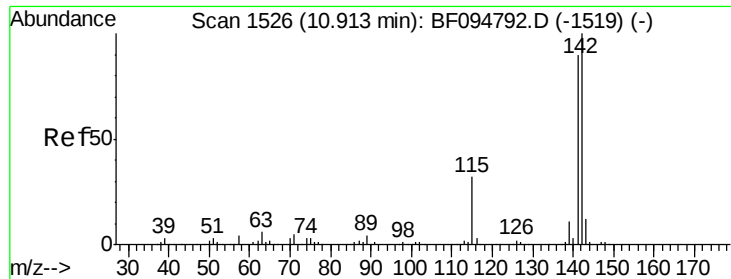
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#36
 4-Chloro-3-methylphenol
 Concen: 41.17 ng
 RT: 10.77 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion: 107 Resp: 250362
 Ion Ratio Lower Upper
 107 100
 144 27.1 24.2 36.4
 142 81.2 73.4 110.0





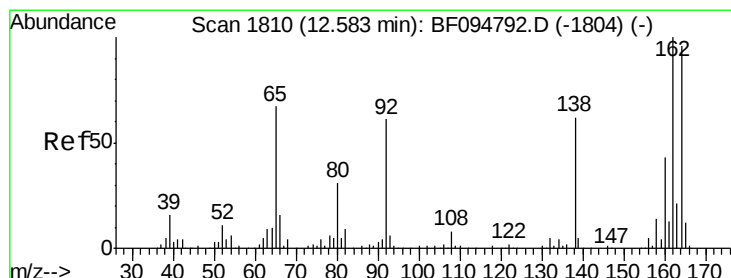
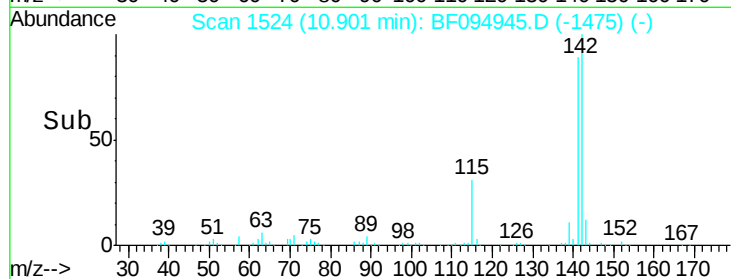
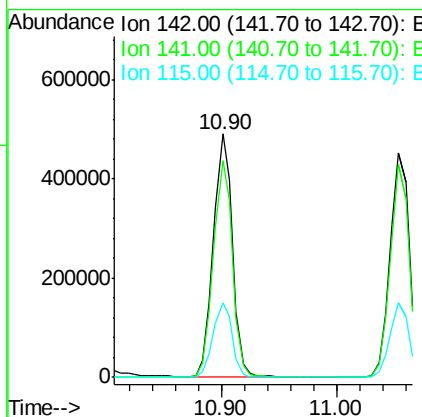
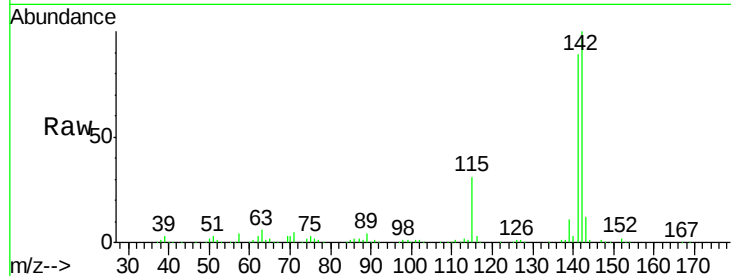
#37
2-Methylnaphthalene
Concen: 41.32 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	566171		
141	89.3	71.3	106.9	
115	30.9	27.1	40.7	

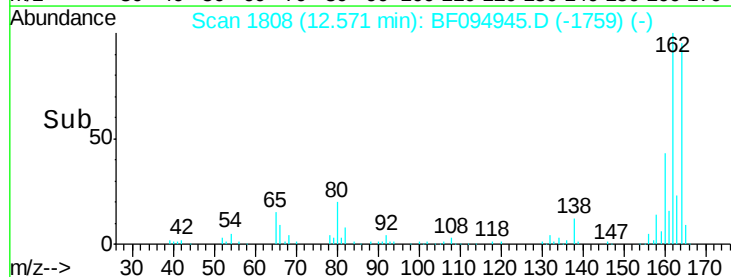
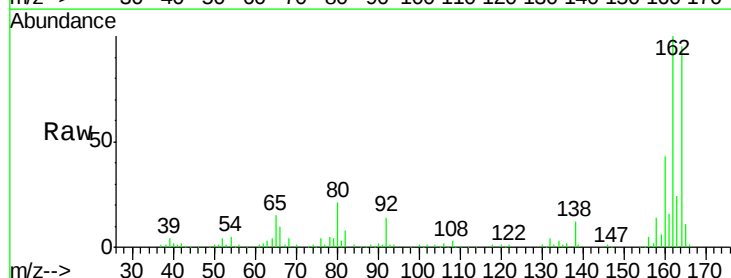
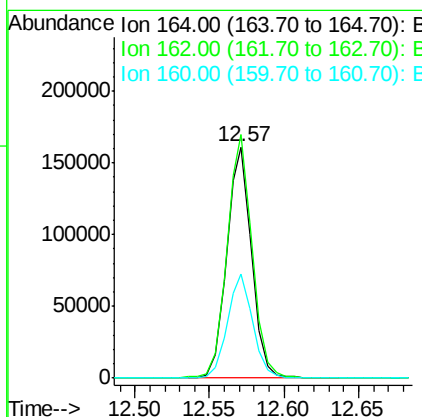
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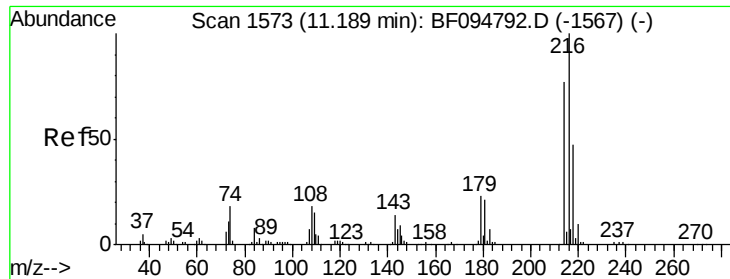
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187714		
162	105.2	82.6	123.8	
160	45.0	36.2	54.2	





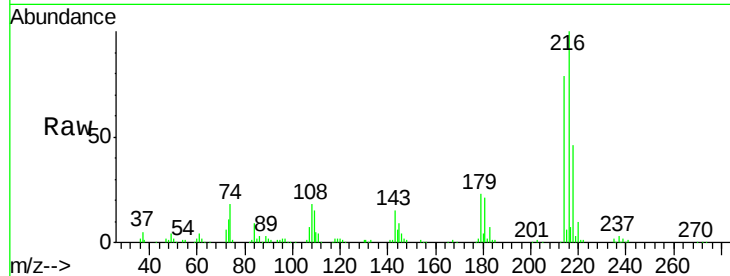
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.77 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

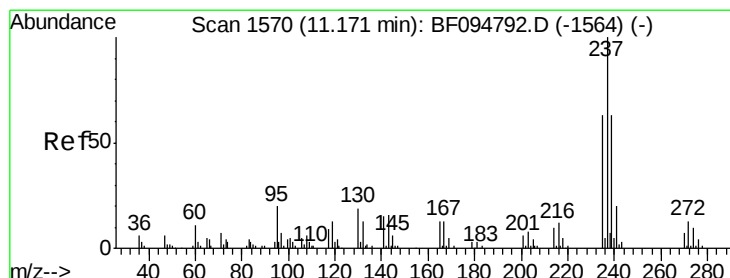
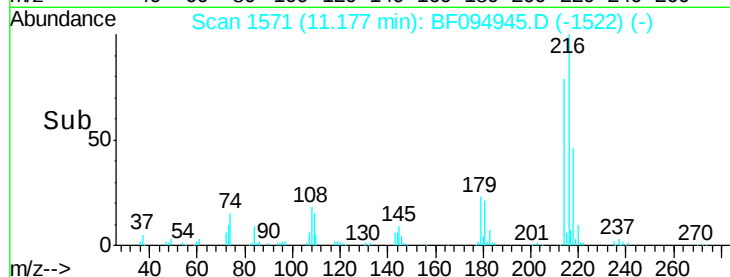
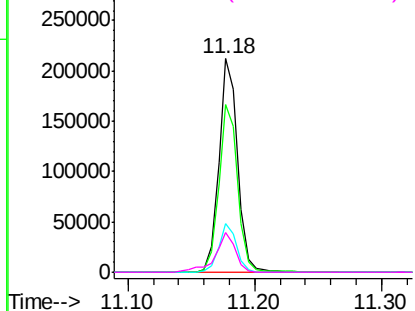
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	218060		
214	79.4	63.4	95.2	
179	21.8	17.9	26.9	
108	20.2	16.5	24.7	

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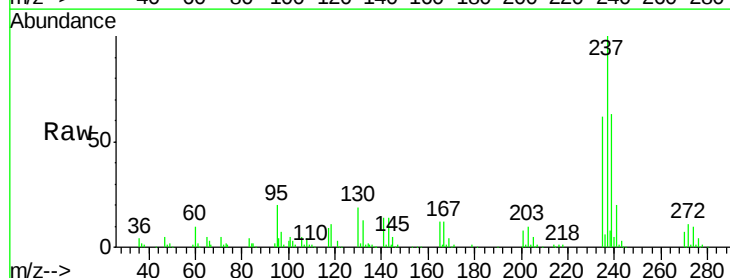


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

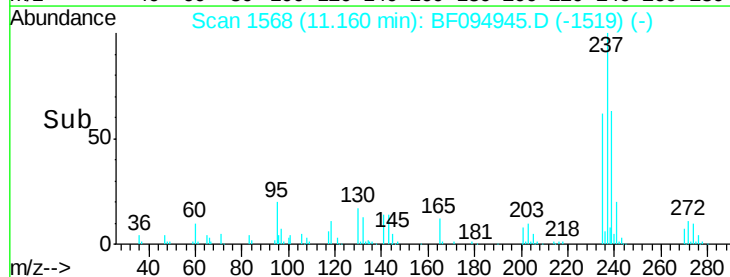
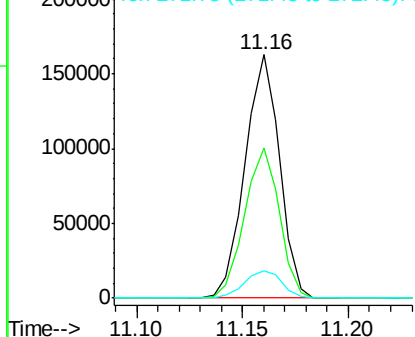


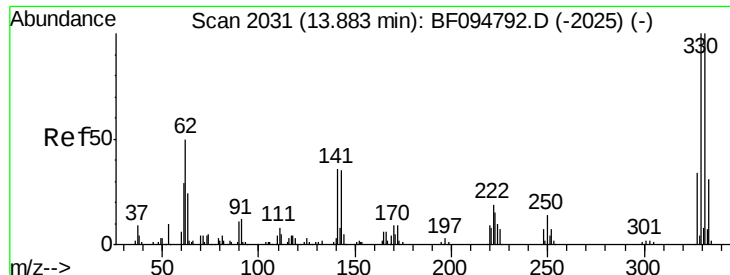
#40
 Hexachlorocyclopentadiene
 Concen: 76.27 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	184353		
235	61.7	42.6	82.6	
272	11.3	0.0	31.9	



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





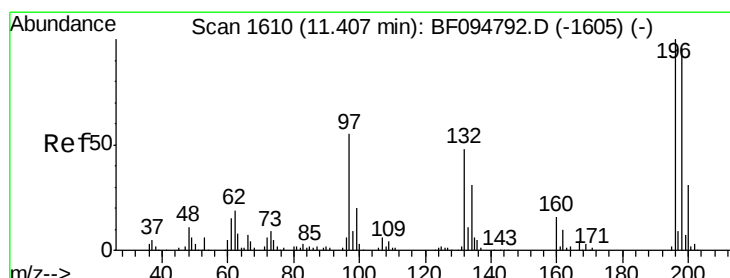
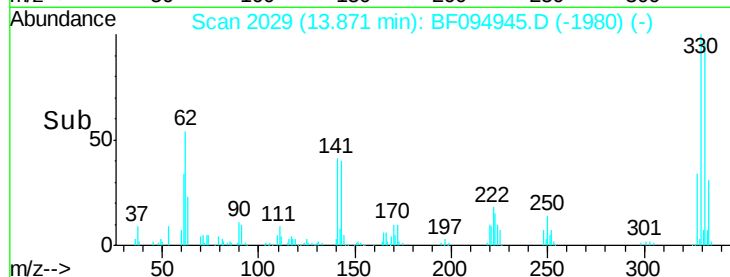
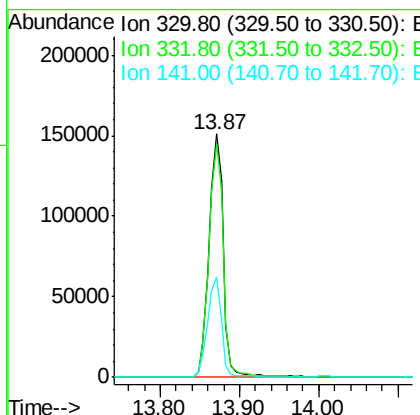
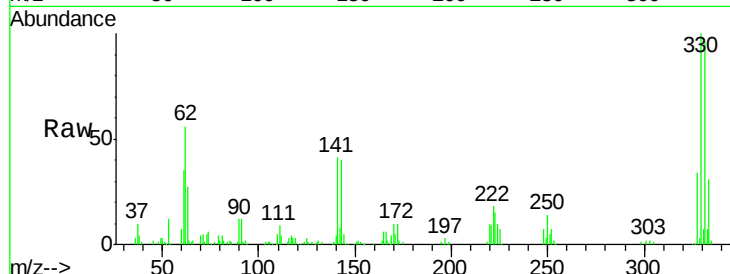
#41
 2,4,6-Tribromophenol
 Concen: 124.42 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	191277		
332	96.4	76.6	115.0	
141	40.0	31.4	47.2	

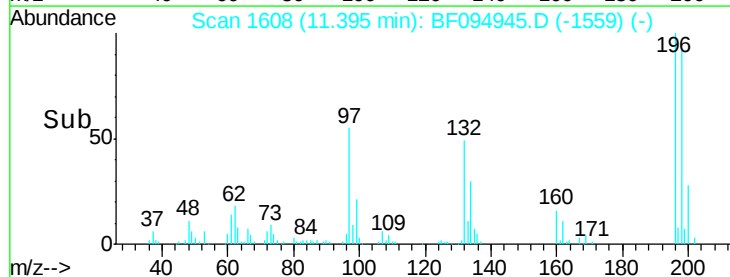
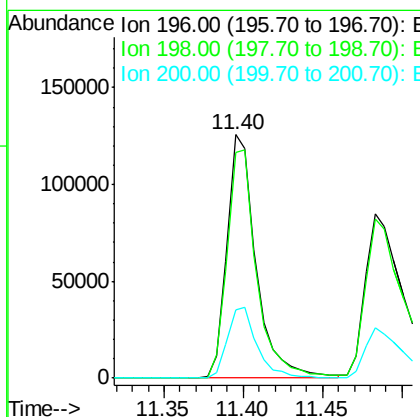
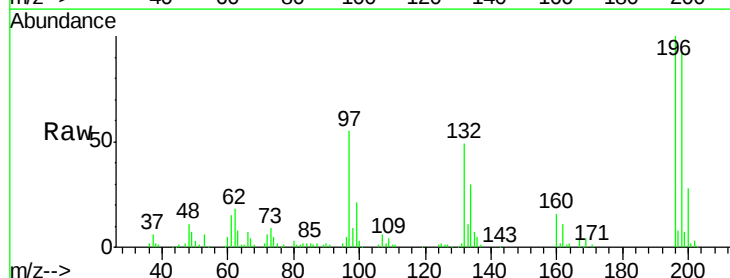
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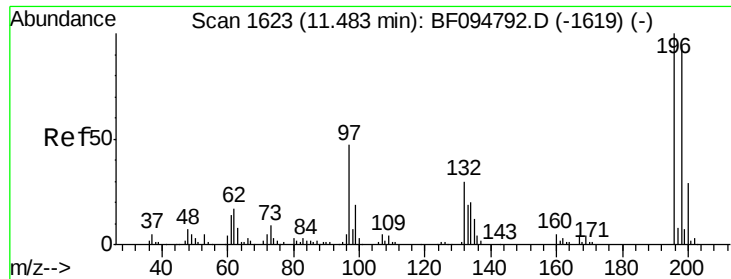
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#42
 2,4,6-Trichlorophenol
 Concen: 41.55 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160131		
198	92.8	74.2	111.4	
200	28.1	24.0	36.0	





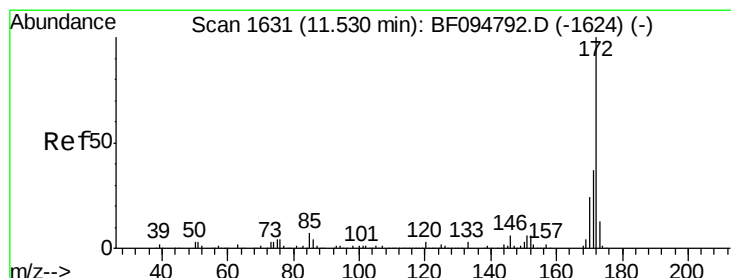
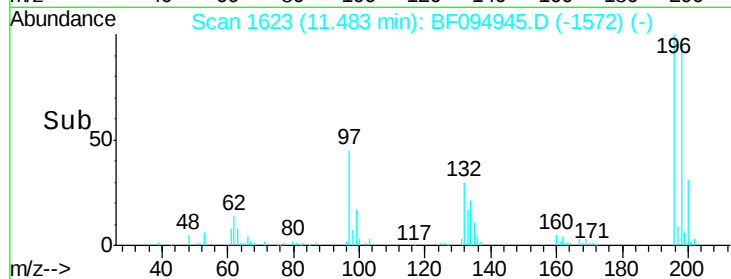
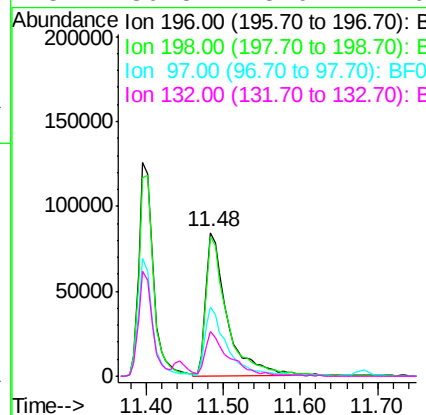
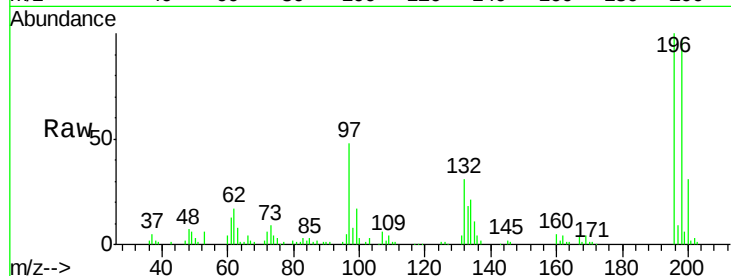
#43
 2,4,5-Trichlorophenol
 Concen: 39.65 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164261		
198	96.7	75.7	113.5	
97	47.6	47.7	71.5#	
132	30.8	28.0	42.0	

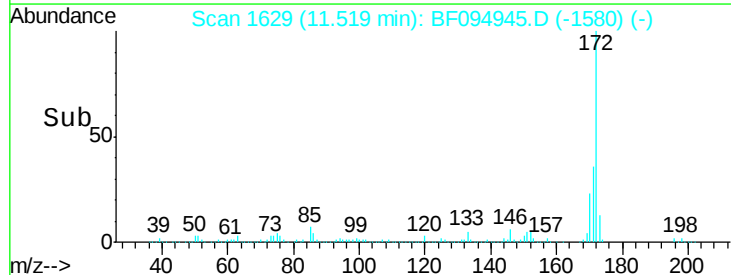
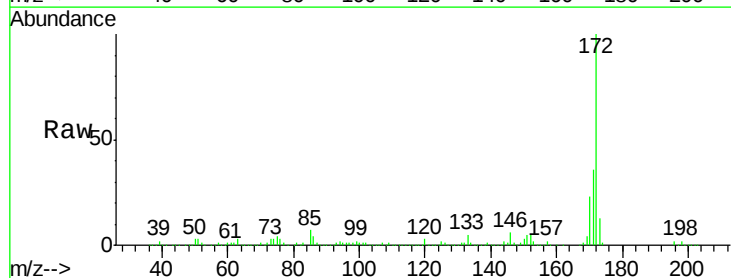
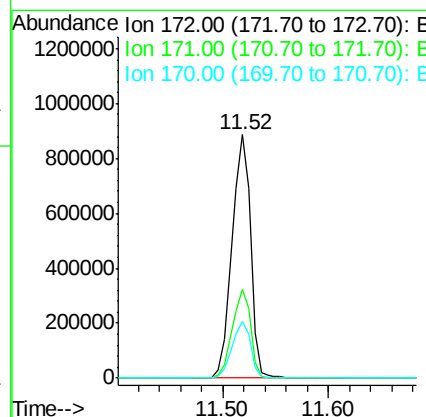
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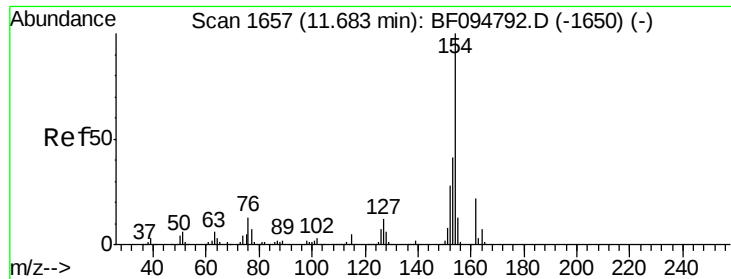
mohammad
 5/8/2017 2:48:42 PM



#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1075714		
171	36.4	29.6	44.4	
170	23.3	19.8	29.8	





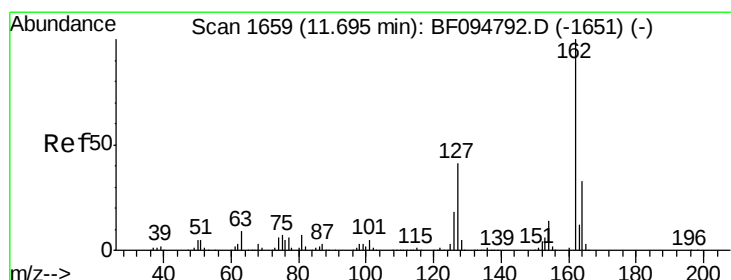
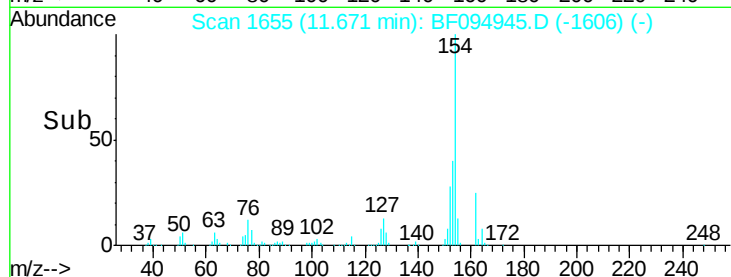
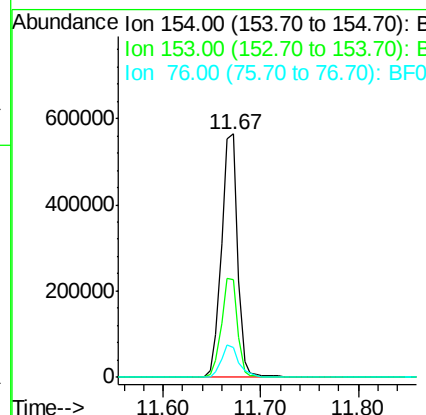
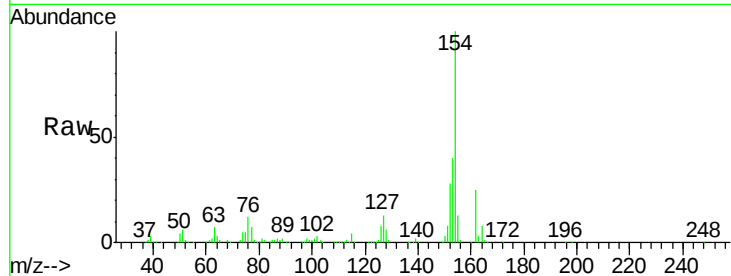
#45
 1,1'-Biphenyl
 Concen: 41.14 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	650214		
153	40.0	21.2	61.2	
76	12.3	0.0	29.9	

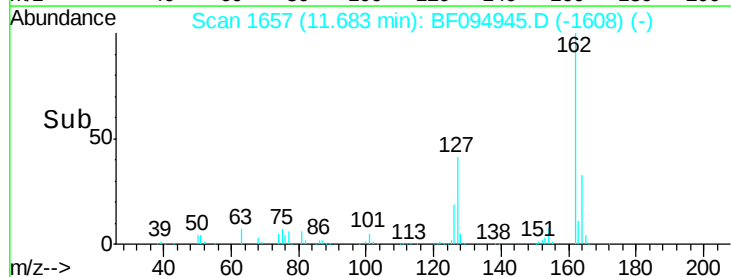
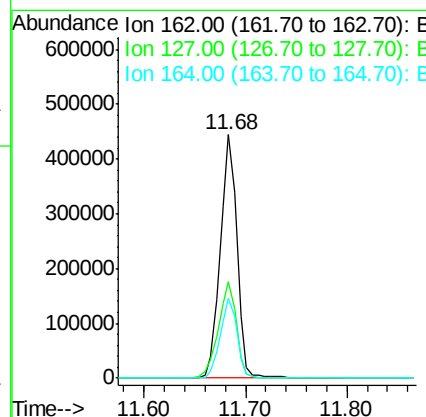
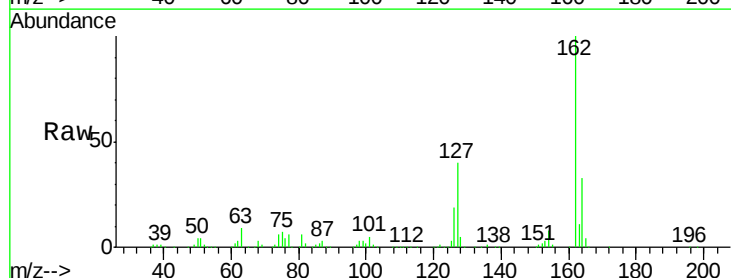
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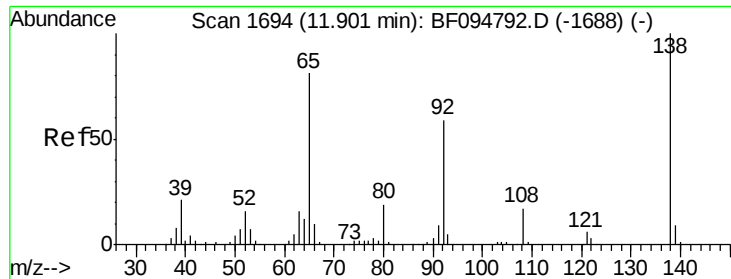
mohammad
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#46
 2-Chloronaphthalene
 Concen: 40.13 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	512138		
127	39.9	28.3	42.5	
164	33.0	27.0	40.4	





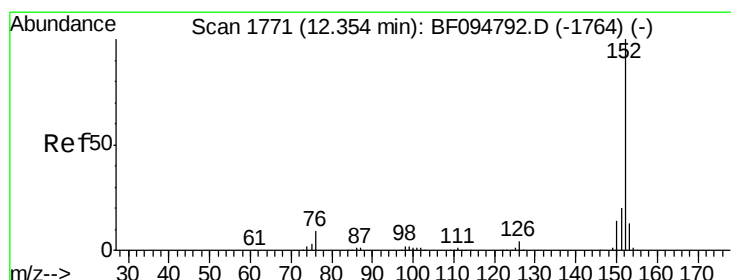
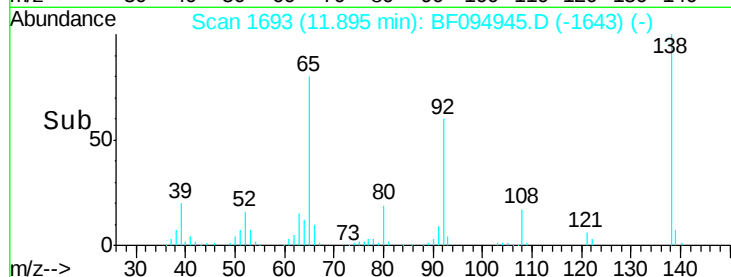
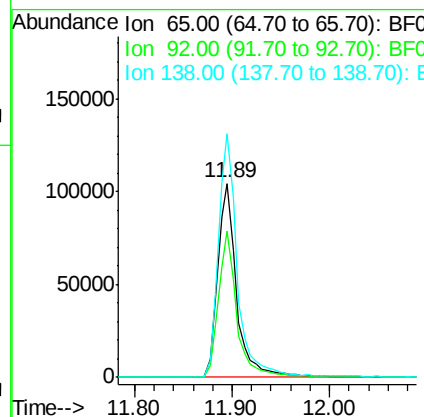
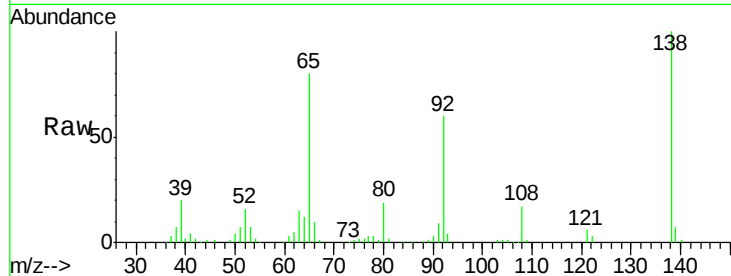
#47
 2-Nitroaniline
 Concen: 40.23 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	53.9	80.9
138	125.7	78.8	118.2

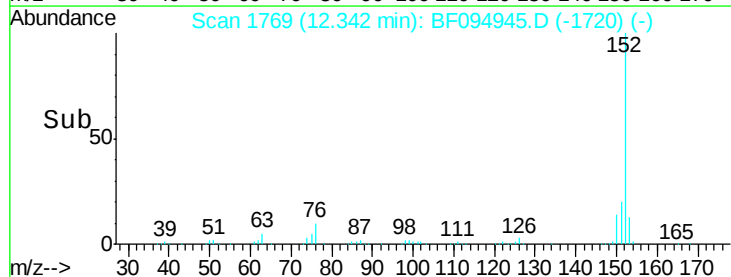
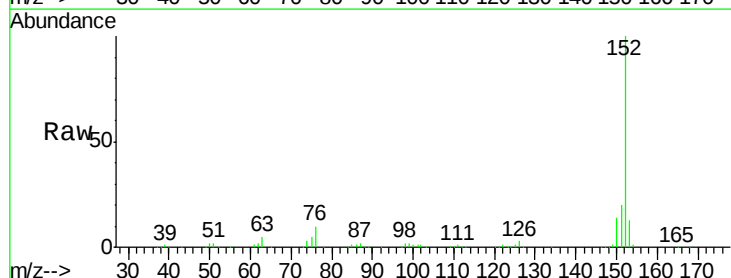
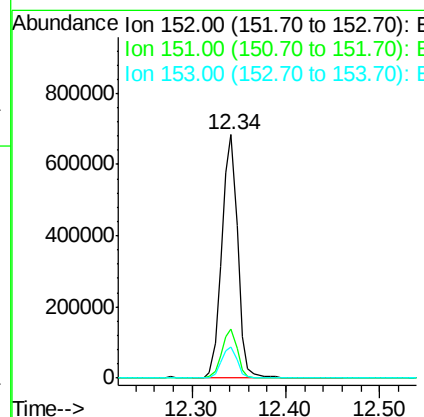
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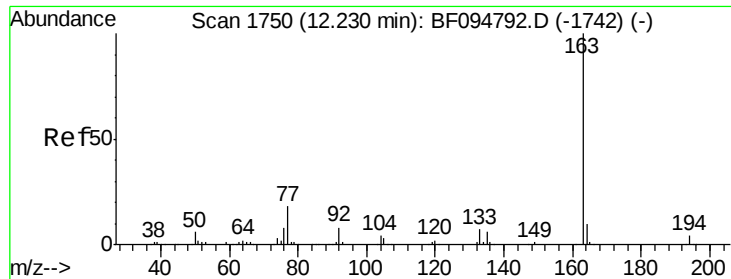
mohammad
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#48
 Acenaphthylene
 Concen: 40.67 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.7	10.8	16.2





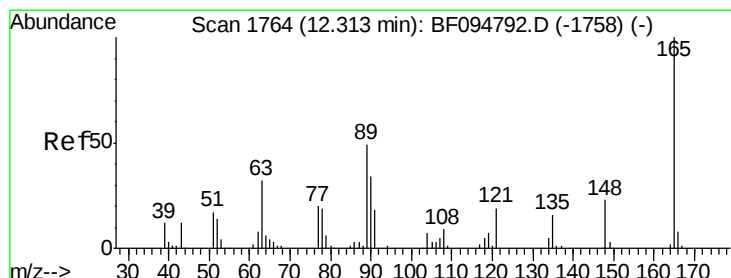
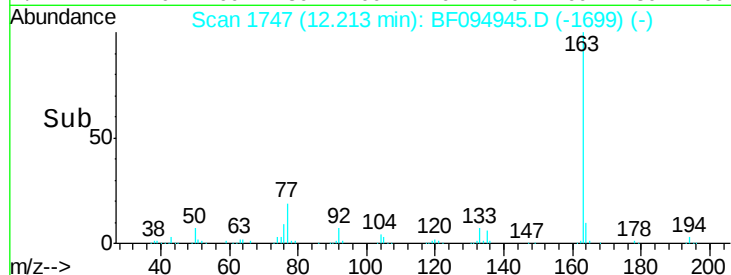
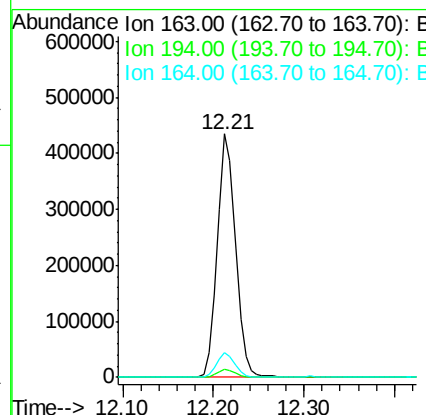
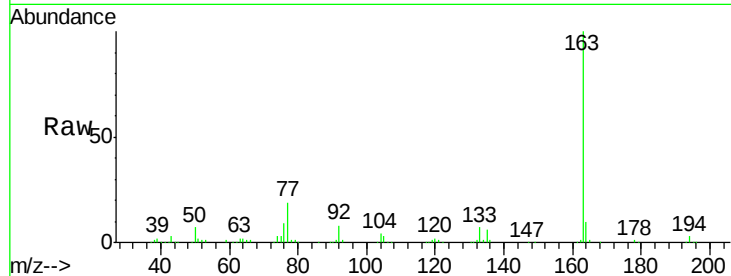
#49
Dimethylphthalate
Concen: 39.46 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	608042		
194	3.3	2.6	4.0	
164	10.2	8.4	12.6	

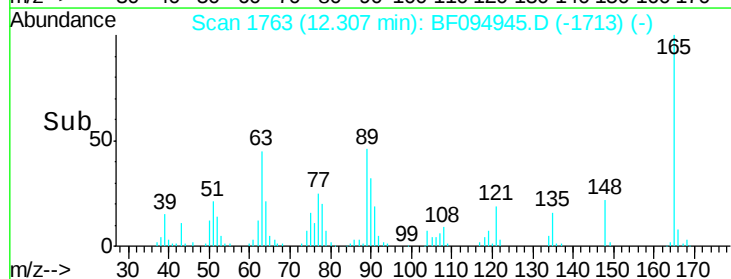
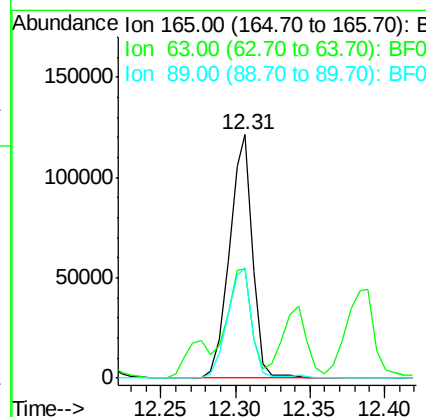
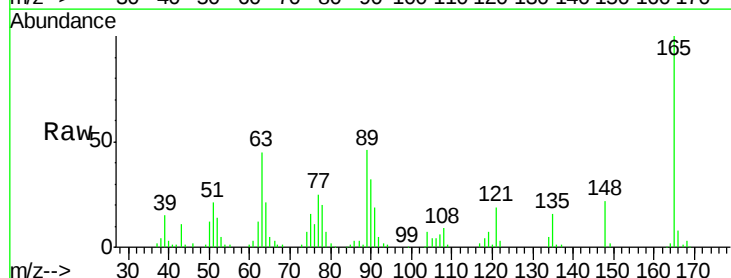
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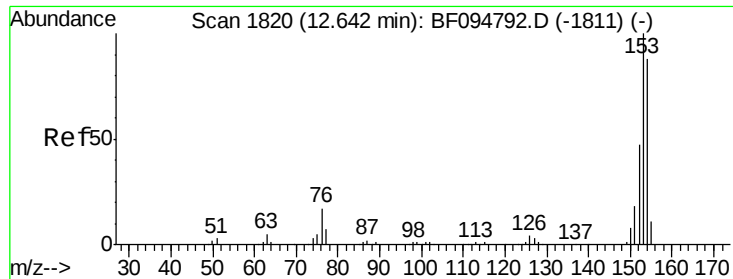
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#50
2,6-Dinitrotoluene
Concen: 42.07 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132259		
63	45.0	34.3	51.5	
89	45.5	37.1	55.7	





#51

Acenaphthene

Concen: 40.58 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

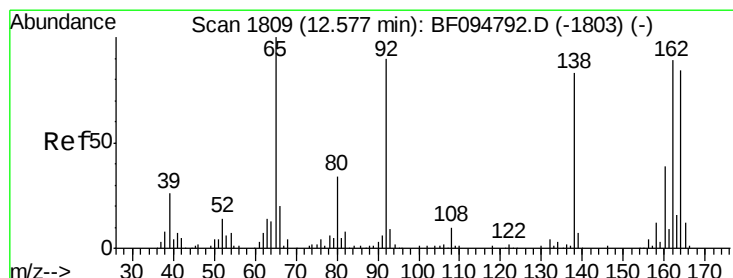
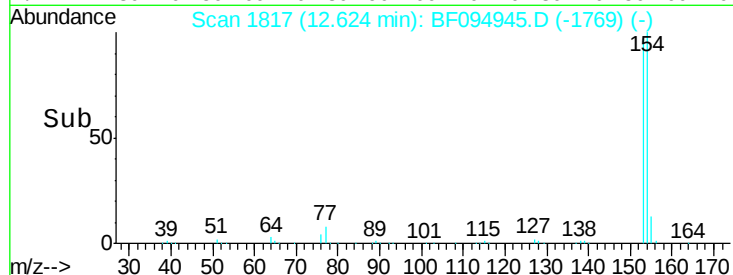
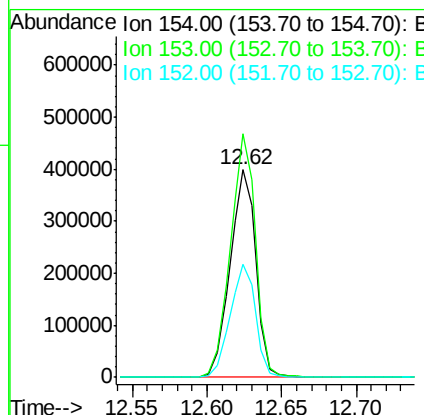
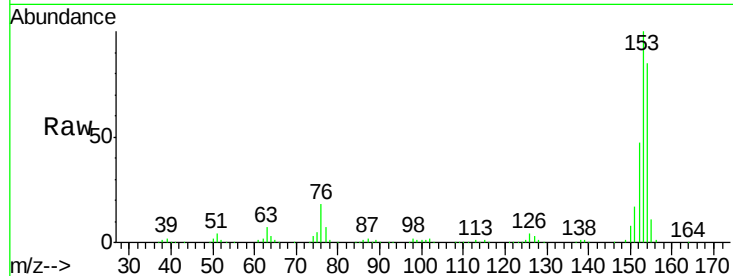
ClientSampleId :

PB98586BS

Tgt Ion:	154	Resp:	484484
Ion Ratio	Lower	Upper	
154	100		
153	117.5	90.5	135.7
152	54.7	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 16.20 ng

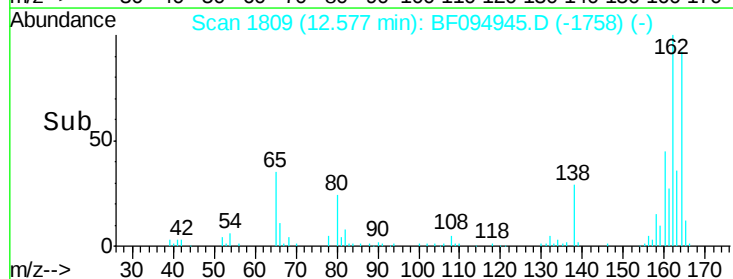
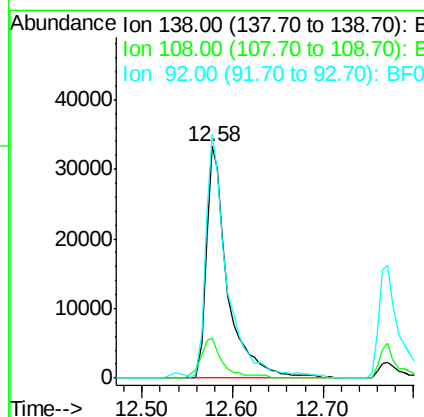
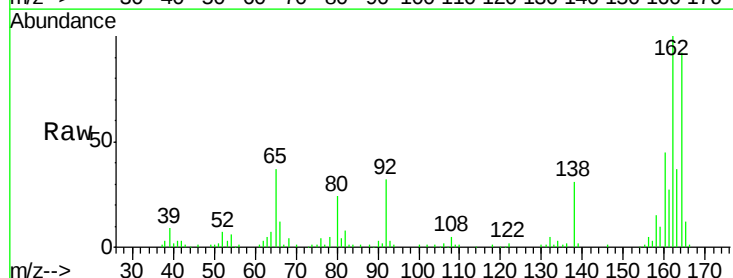
RT: 12.58 min Scan# 1809

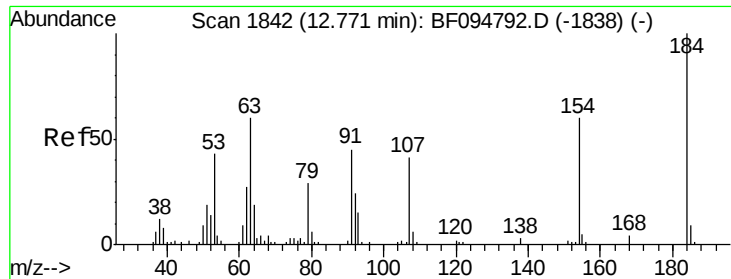
Delta R.T. 0.00 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	138	Resp:	54662
Ion Ratio	Lower	Upper	
138	100		
108	17.2	9.1	13.7#
92	105.0	93.8	140.6





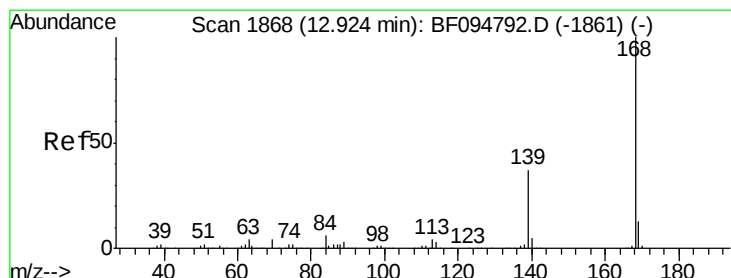
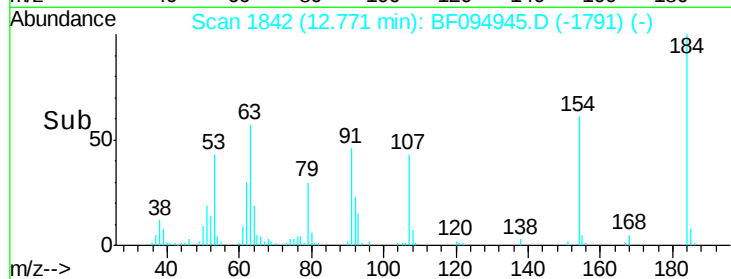
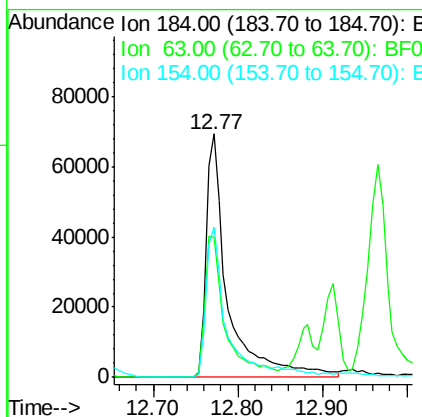
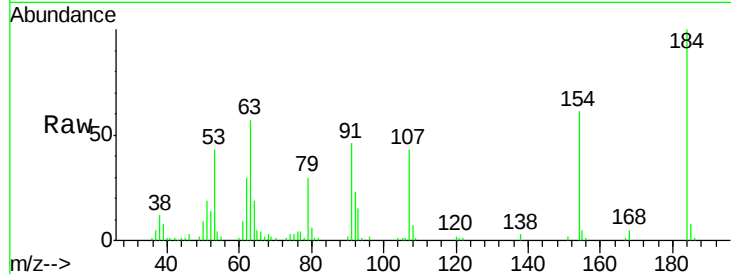
#53
 2,4-Dinitrophenol
 Concen: 72.02 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	123531		
63	57.4	62.7	94.1#	
154	61.5	81.1	121.7#	

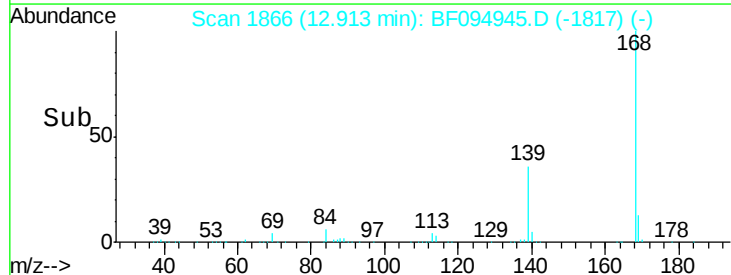
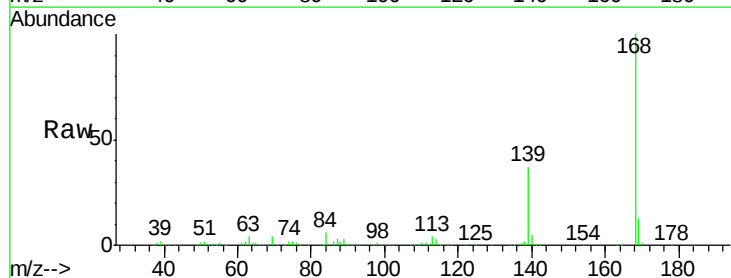
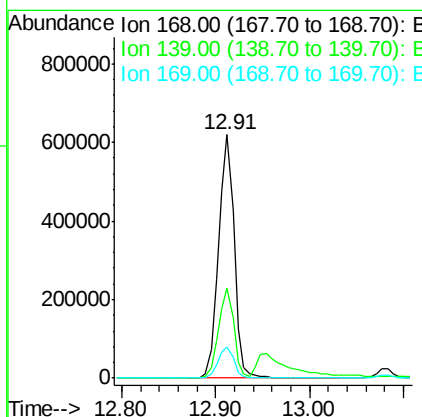
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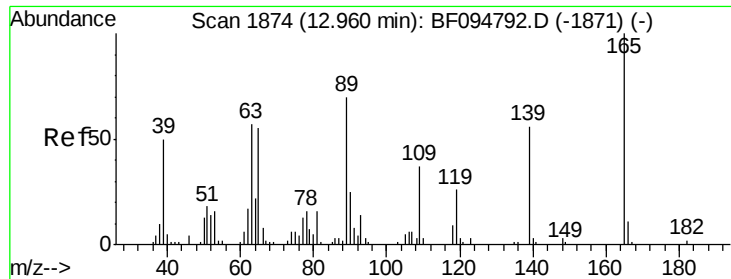
mohammad
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#54
 Dibenzofuran
 Concen: 43.67 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	721431		
139	36.8	30.6	45.8	
169	13.0	10.8	16.2	





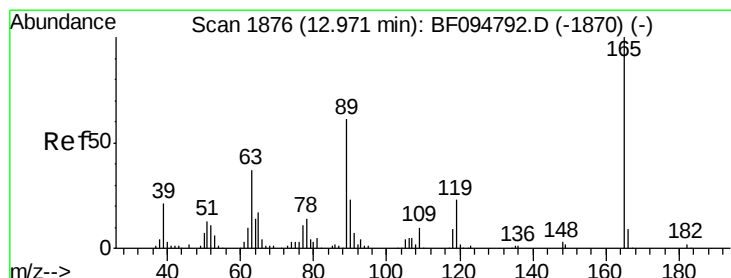
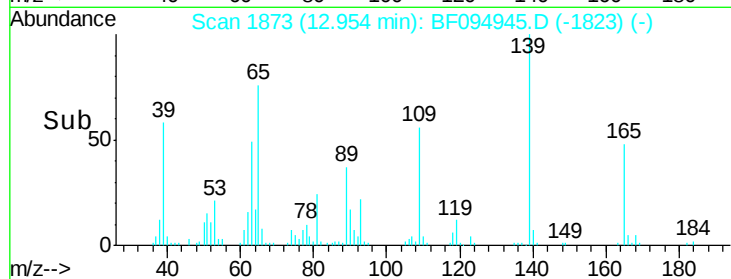
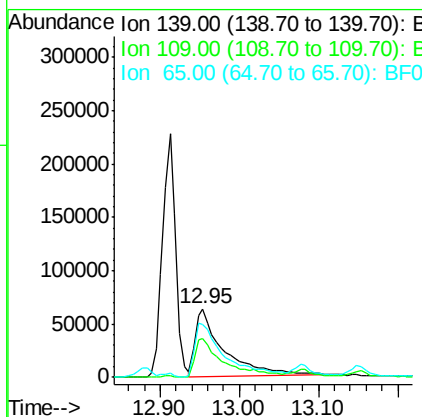
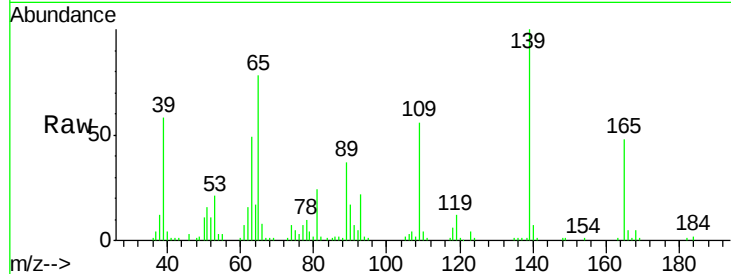
#55
4-Nitrophenol
Concen: 79.68 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	161481		
109	56.3	34.1	74.1	
65	77.5	31.4	71.4	

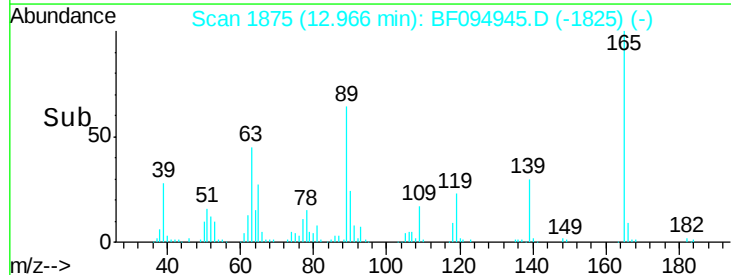
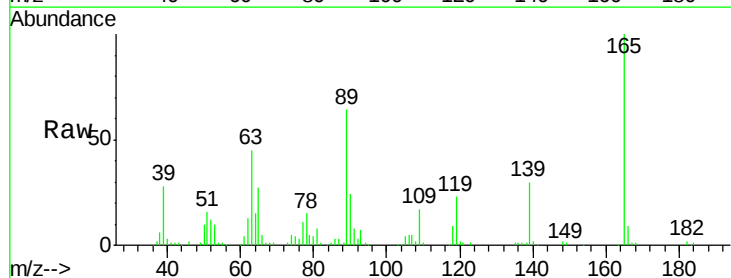
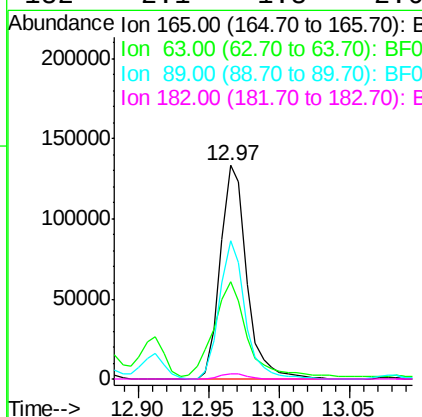
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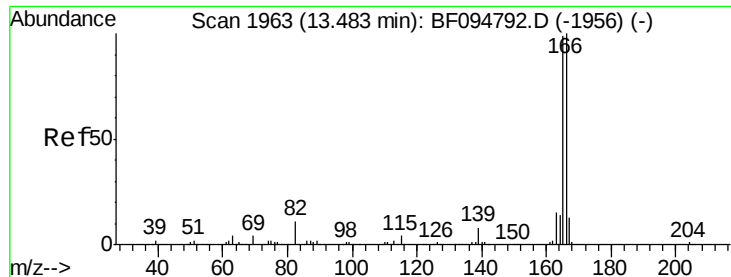
mohammad
5/8/2017 2:48:42 PM



#56
2,4-Dinitrotoluene
Concen: 42.99 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173671		
63	45.5	25.4	38.0	
89	64.4	46.4	69.6	
182	2.1	1.8	2.6	





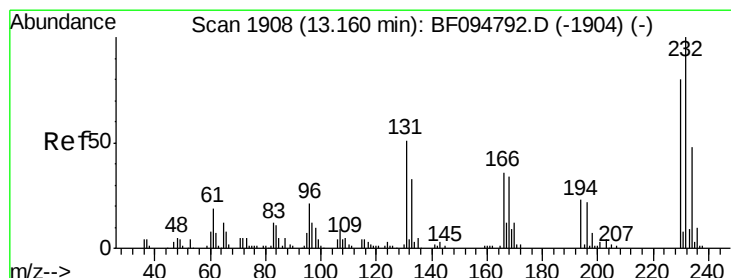
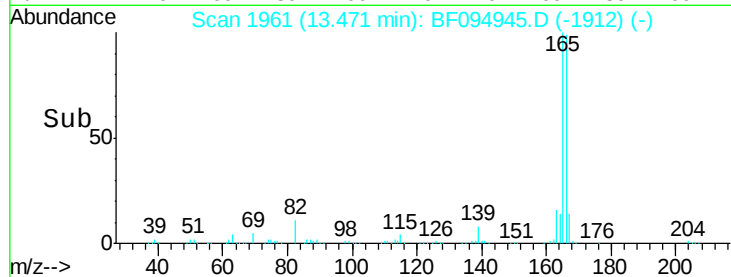
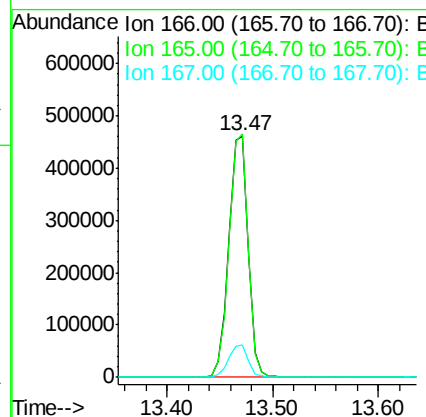
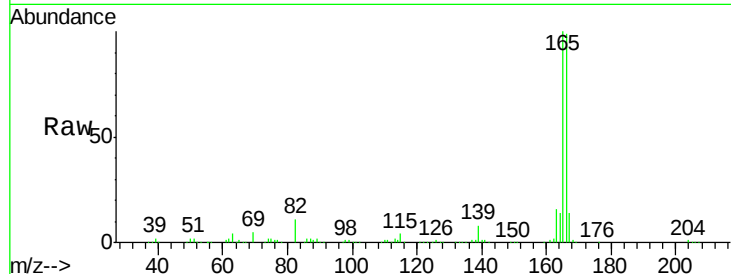
#57
Fluorene
Concen: 40.68 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	584378		
165	100.8	78.8	118.2	
167	13.7	10.6	16.0	

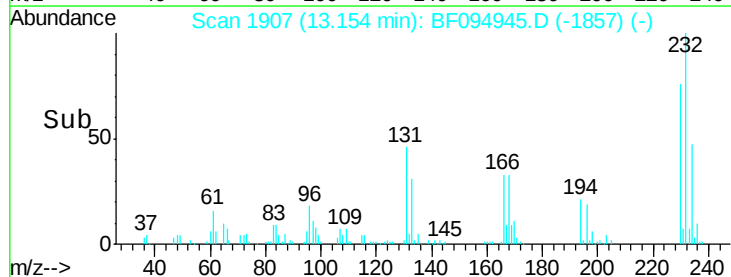
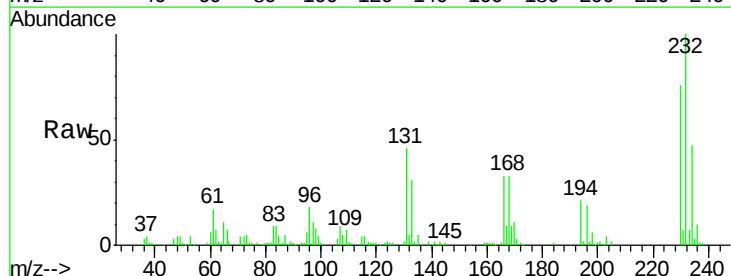
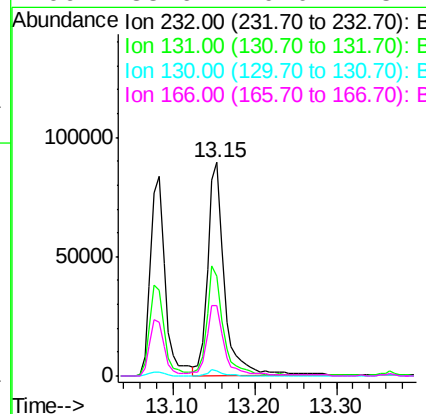
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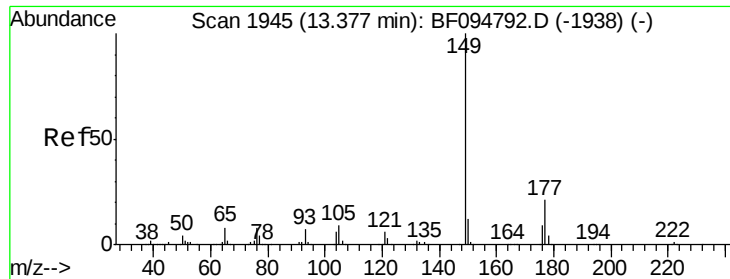
mohammad
5/8/2017 2:48:42 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.81 ng
RT: 13.15 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	127245		
131	48.7	44.8	67.2	
130	2.3	2.3	3.5	
166	33.6	29.0	43.4	





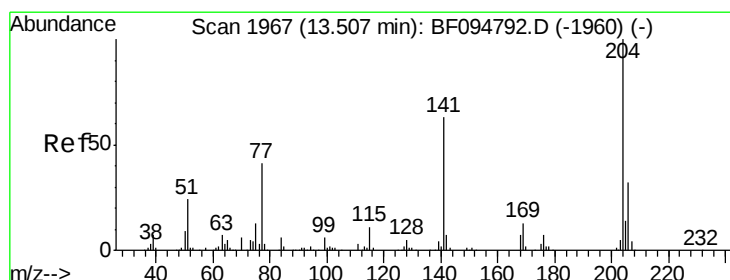
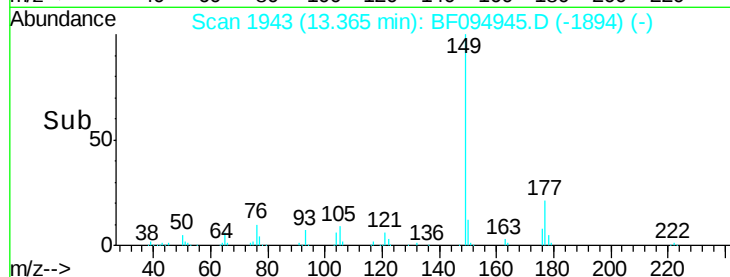
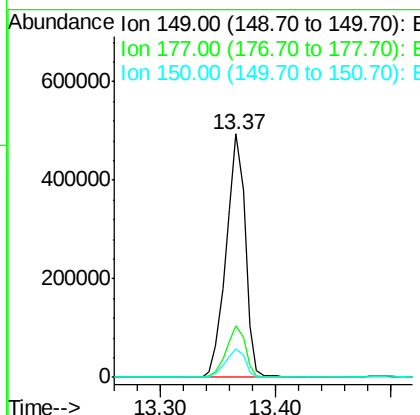
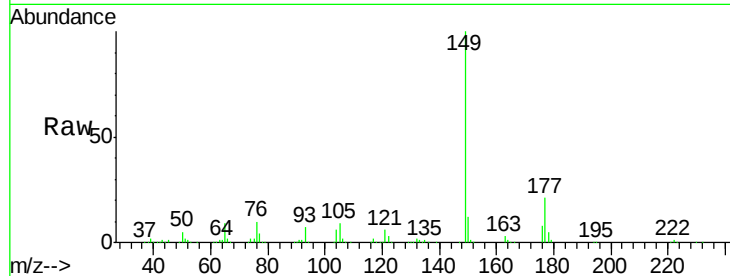
#59
Diethylphthalate
Concen: 38.43 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	567655		
177	21.1	16.7	25.1	
150	12.0	10.2	15.2	

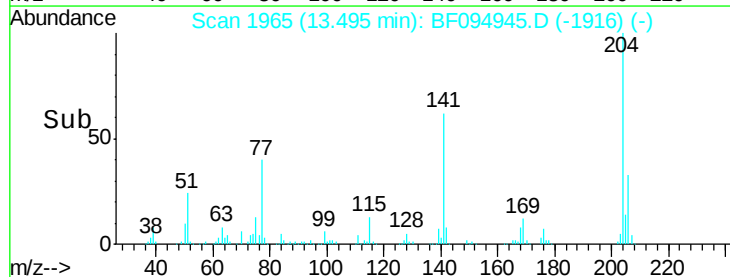
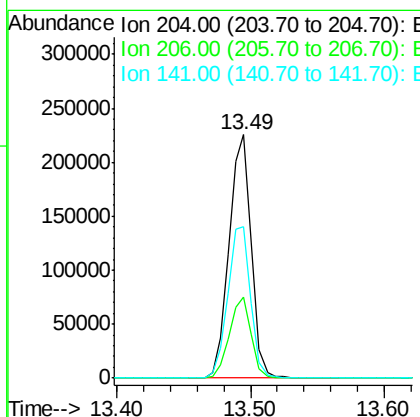
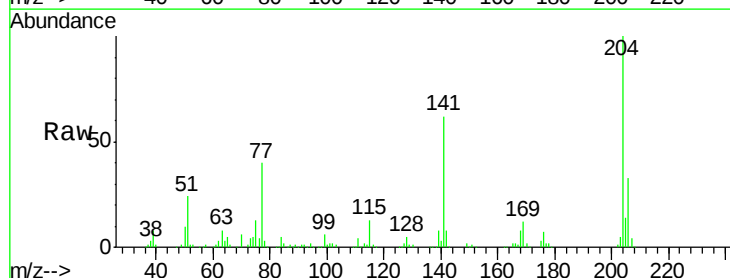
Manual Integrations
APPROVED

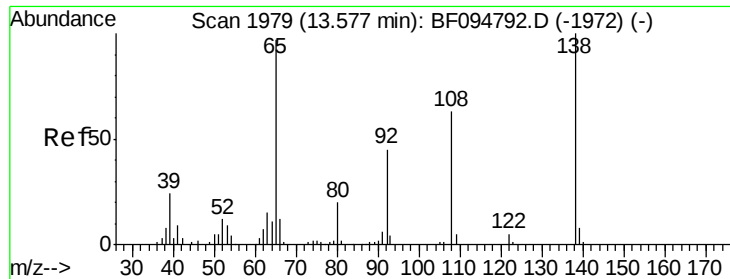
mohammad
5/8/2017 2:48:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.71 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	263348		
206	33.2	26.2	39.2	
141	62.3	60.8	91.2	





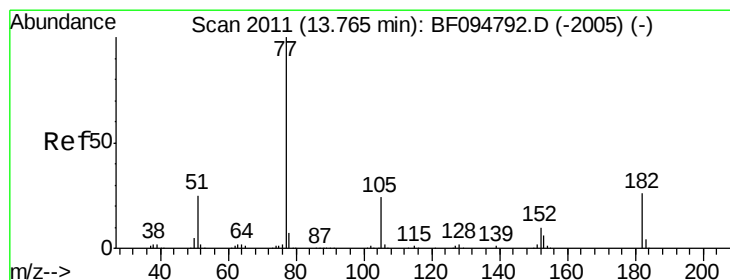
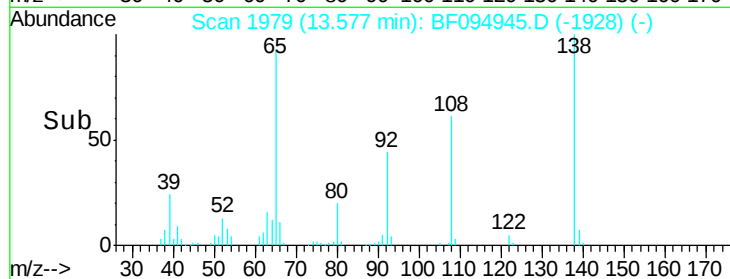
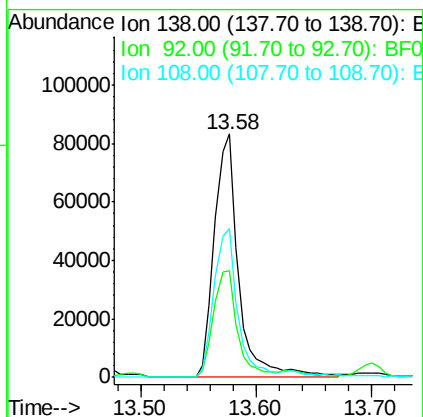
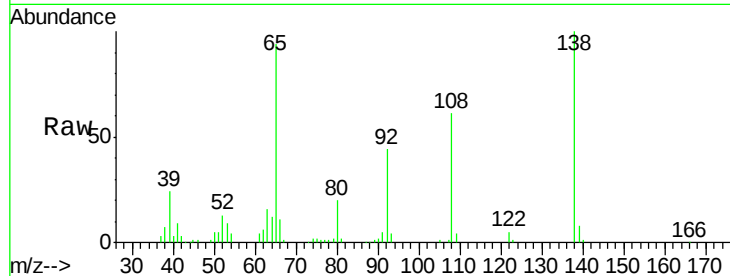
#61
4-Nitroaniline
Concen: 39.59 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampled :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	122640		
92	43.8	21.8	61.8	
108	61.0	42.3	82.3	

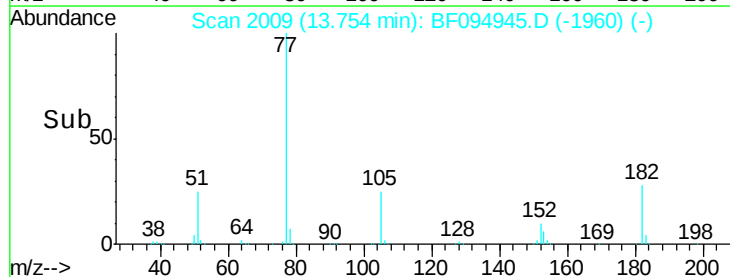
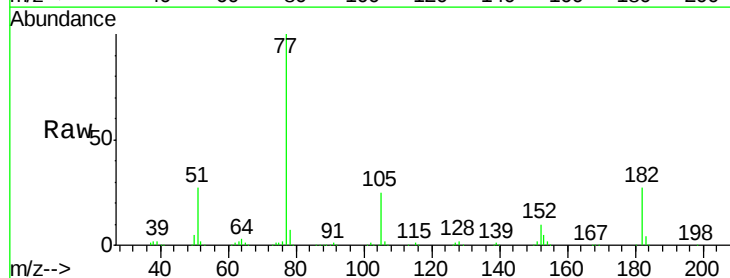
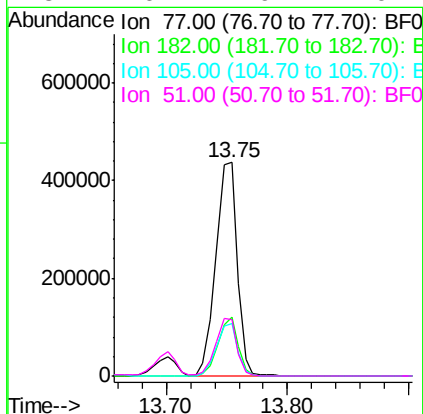
Manual Integrations
APPROVED

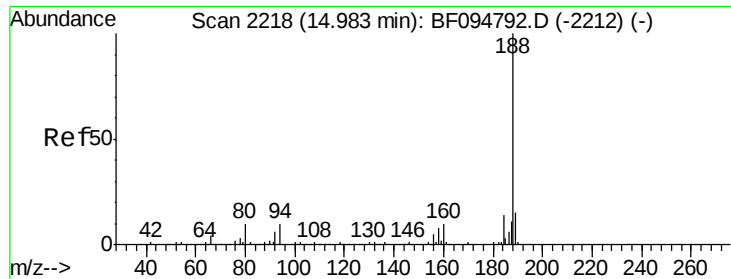
mohammad
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#62
Azobenzene
Concen: 45.01 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	534161		
182	27.5	0.1	40.1	
105	24.7	3.6	43.6	
51	26.7	9.4	49.4	





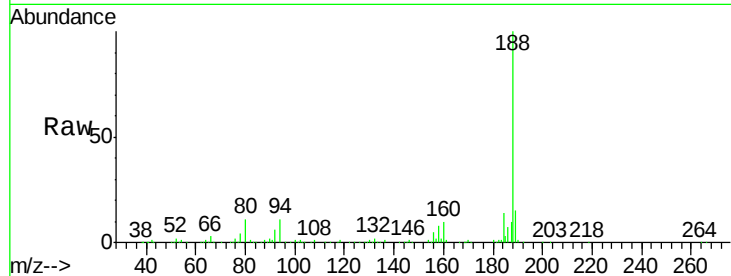
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	9.4	14.2
80	11.4	10.2	15.2

Manual Integrations
APPROVED

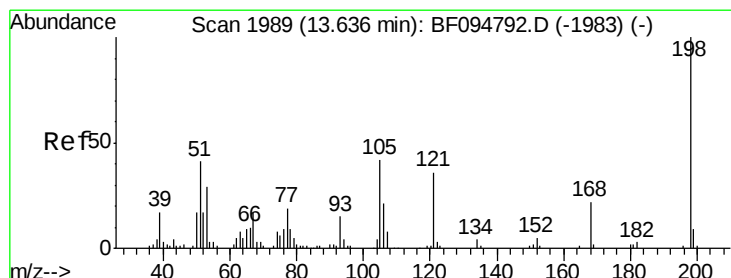
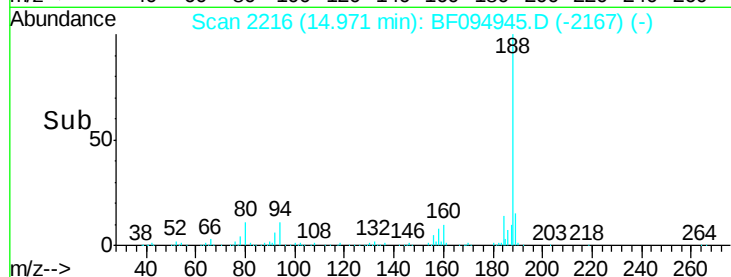
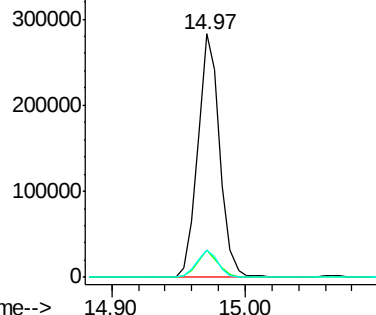
mohammad
5/8/2017 2:48:42 PM



Abundance Ion 188.00 (187.70 to 188.70): E

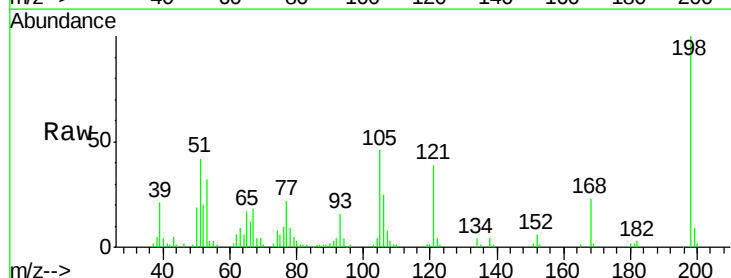
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 40.57 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

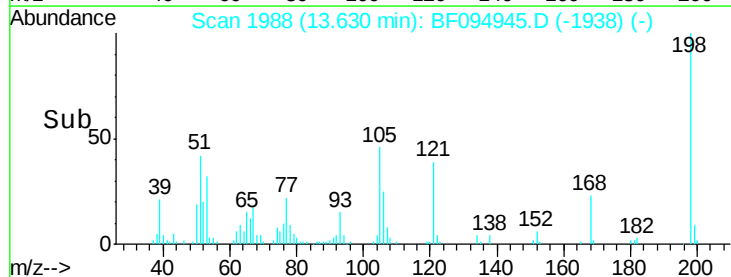
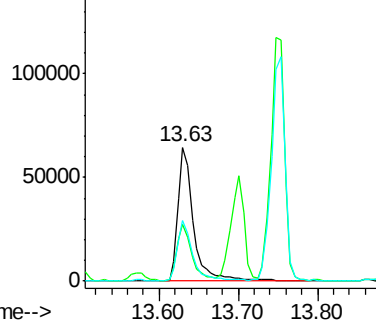
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.9	53.2	93.2#
105	45.6	45.8	85.8#

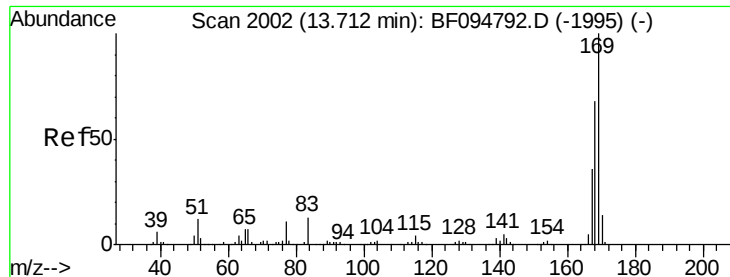


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





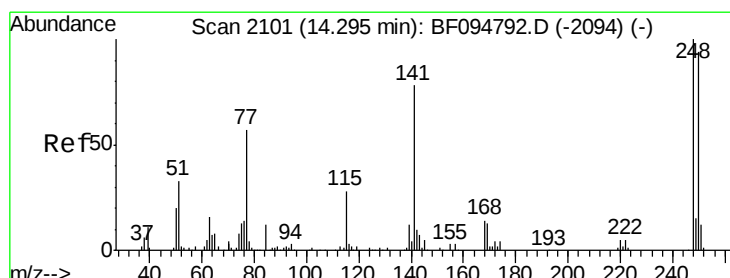
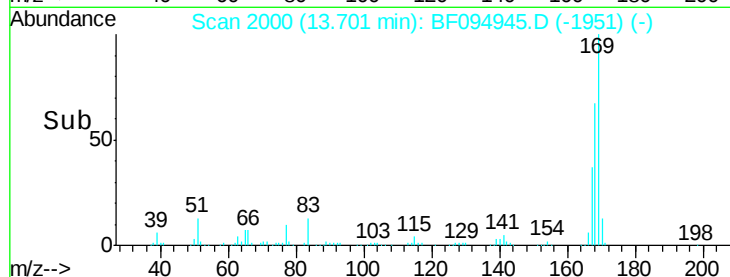
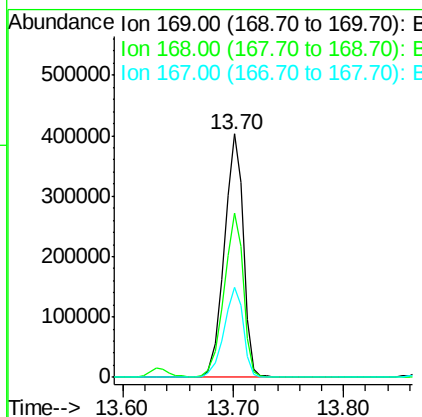
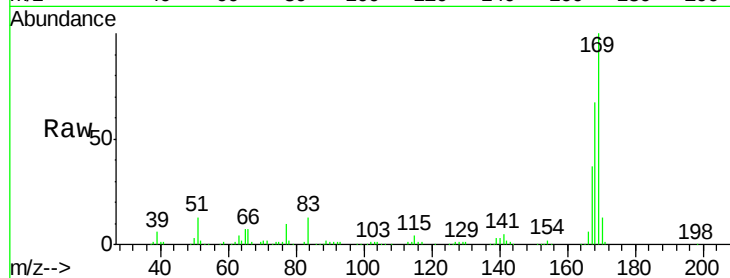
#65
 n-Nitrosodiphenylamine
 Concen: 41.16 ng
 RT: 13.70 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleID :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	487634		
168	67.3	53.2	79.8	
167	37.0	29.5	44.3	

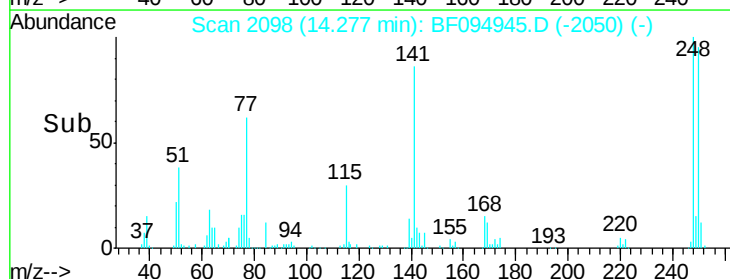
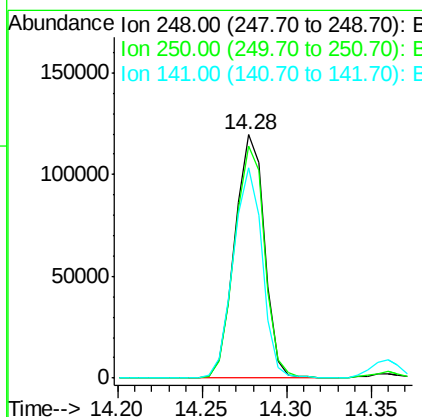
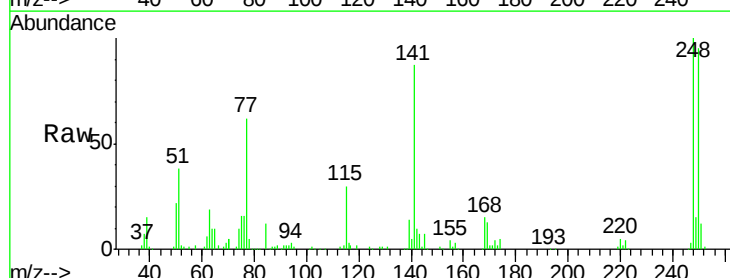
Manual Integrations
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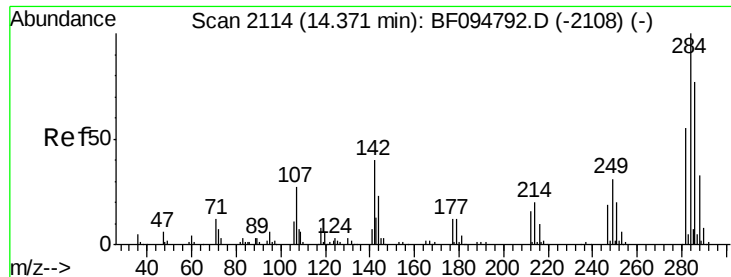
mohammad
 5/8/2017 2:48:42 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.54 ng
 RT: 14.28 min Scan# 2098
 Delta R.T. -0.02 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	146694		
250	95.4	76.8	115.2	
141	86.5	68.6	103.0	





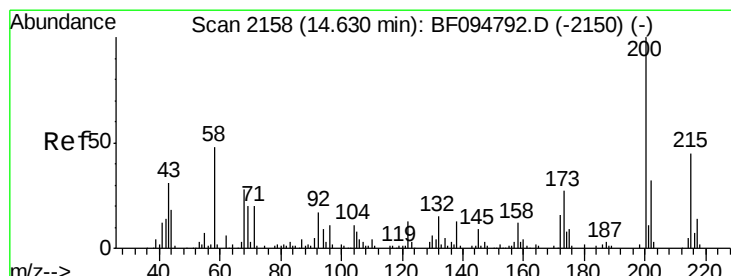
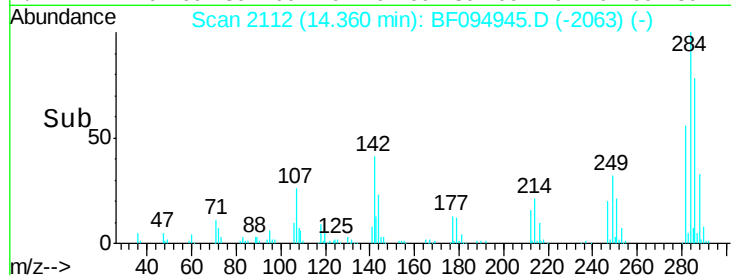
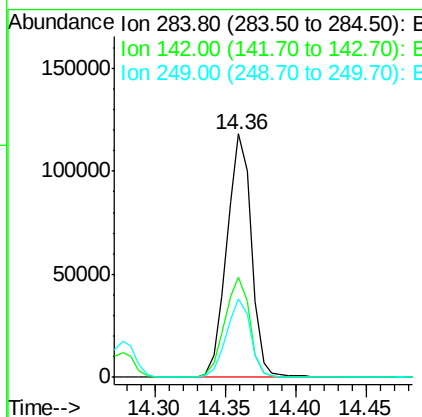
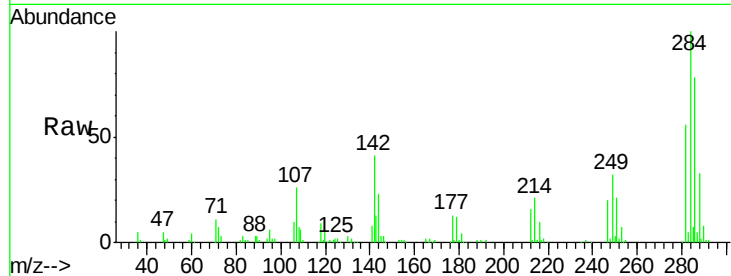
#67
Hexachlorobenzene
Concen: 40.42 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	142839		
142	41.4	22.8	34.2	
249	32.2	24.0	36.0	

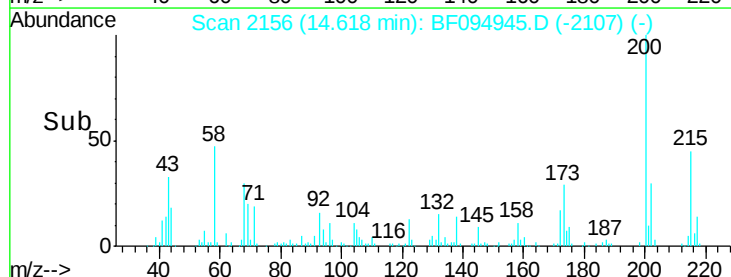
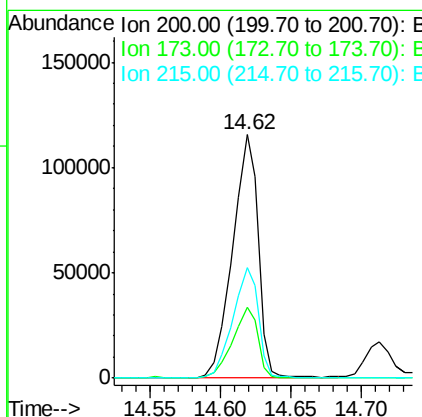
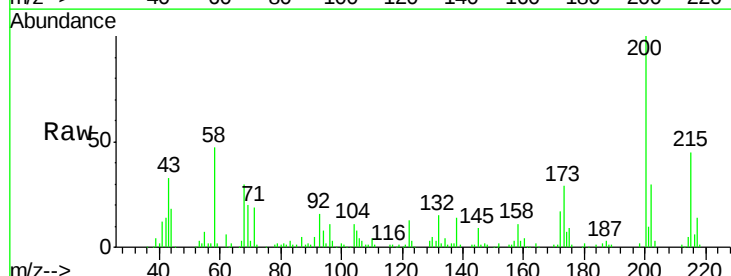
Manual Integrations
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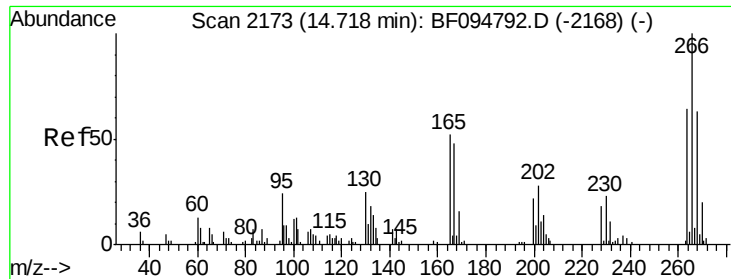
mohammad
5/8/2017 2:48:42 PM



#68
Atrazine
Concen: 43.71 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	146209		
173	29.0	6.3	46.3	
215	45.4	27.2	67.2	





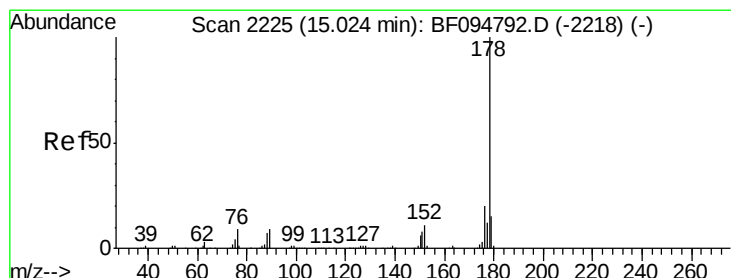
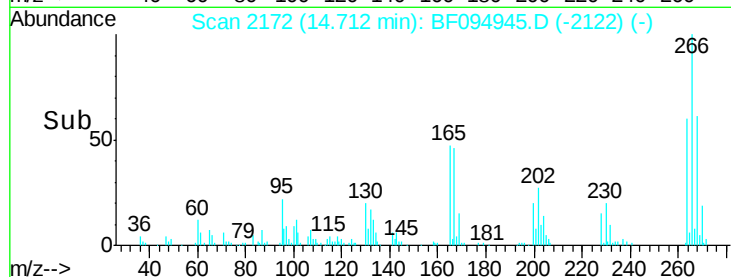
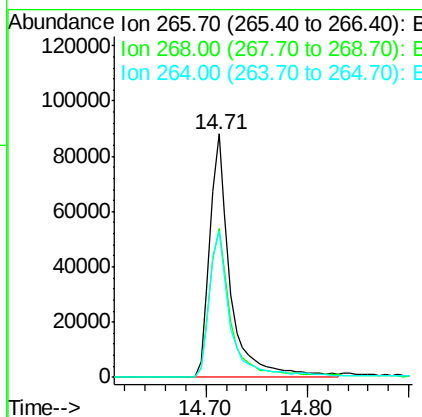
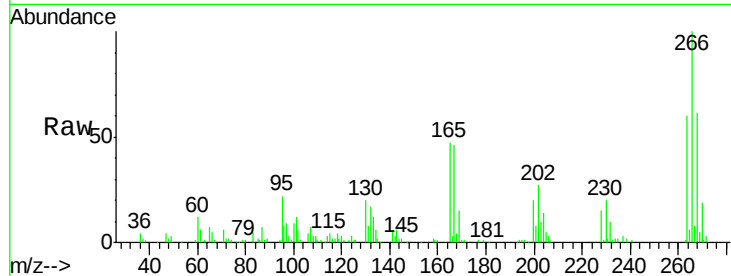
#69
 Pentachlorophenol
 Concen: 78.42 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	125110		
268	61.2	51.1	76.7	
264	60.3	51.7	77.5	

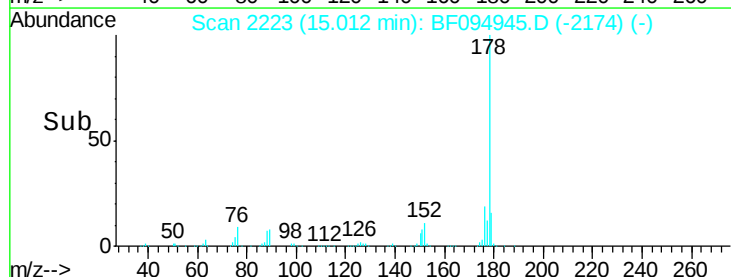
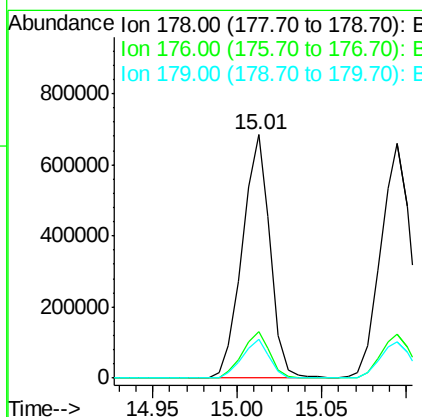
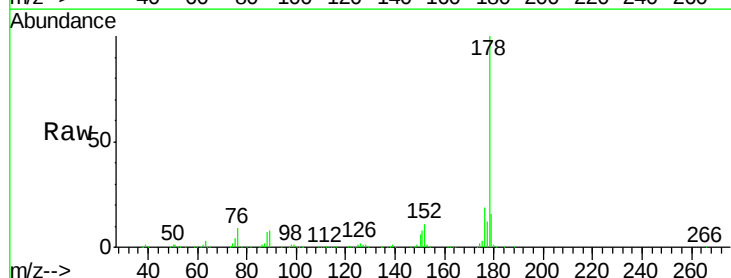
Manual Integrations
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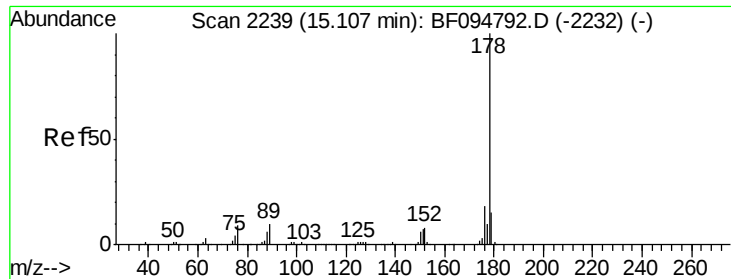
mohammad
 5/8/2017 2:48:42 PM



#70
 Phenanthrene
 Concen: 41.78 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	783555		
176	19.0	16.2	24.4	
179	15.8	12.6	19.0	





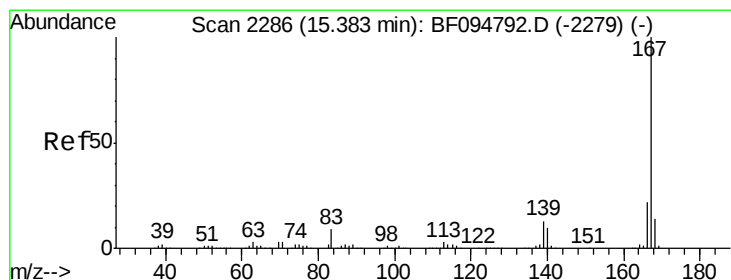
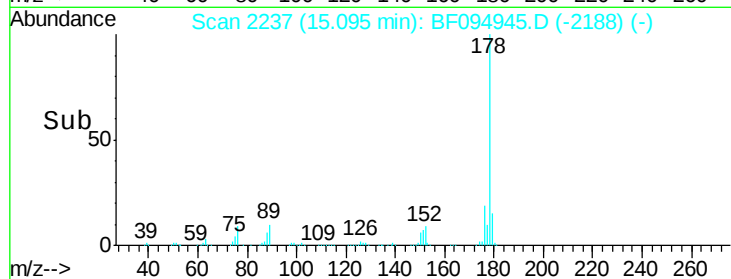
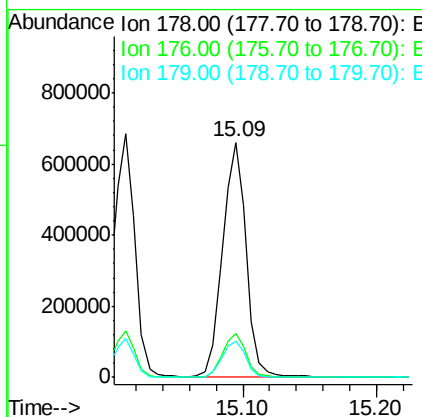
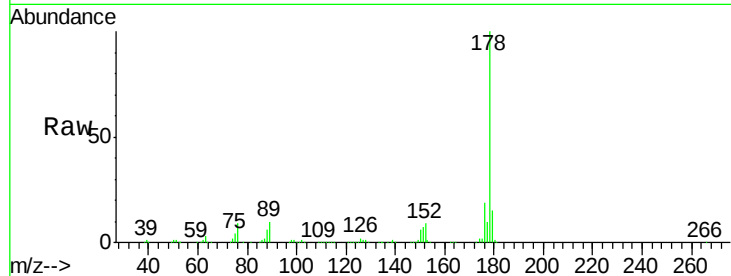
#71
 Anthracene
 Concen: 42.82 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.2	12.7	19.1

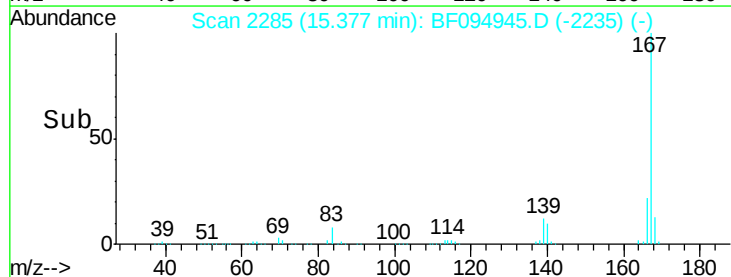
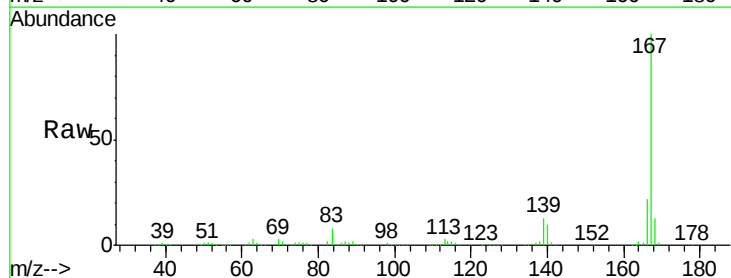
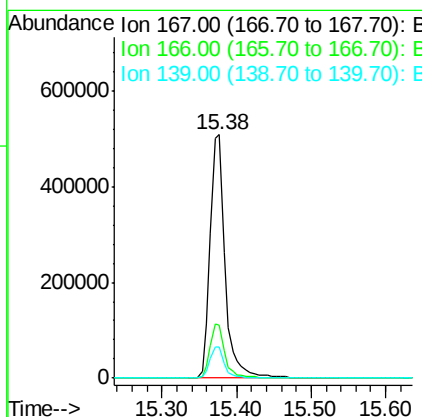
Manual Integrations
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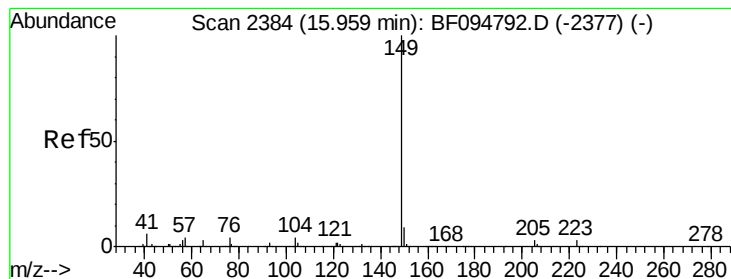
mohammad
 5/8/2017 2:48:42 PM



#72
 Carbazole
 Concen: 40.66 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	12.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.90 ng

RT: 15.94 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

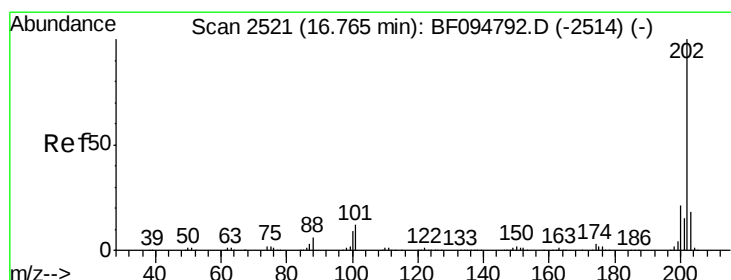
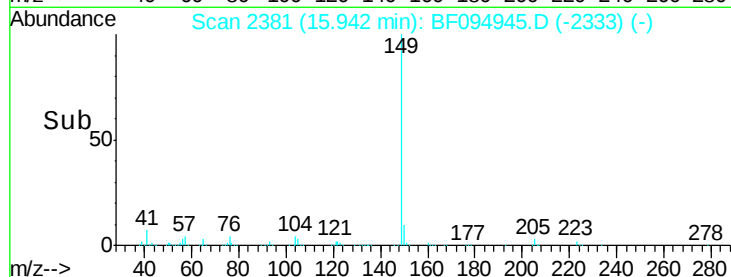
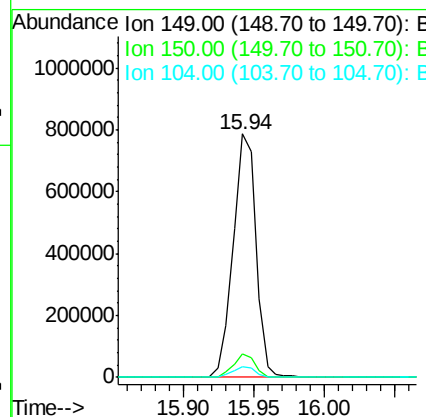
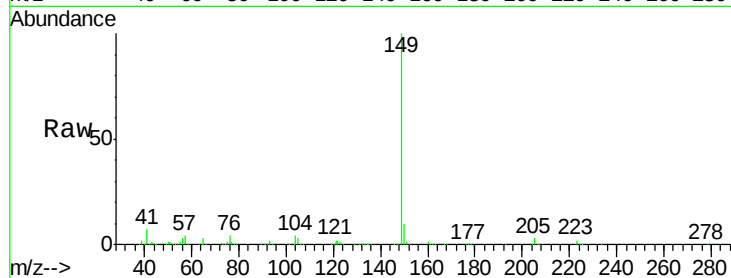
ClientSampled :

PB98586BS

Tgt Ion:	149	Resp:	889101
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
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mohammad
5/8/2017 2:48:42 PM



#74

Fluoranthene

Concen: 42.93 ng

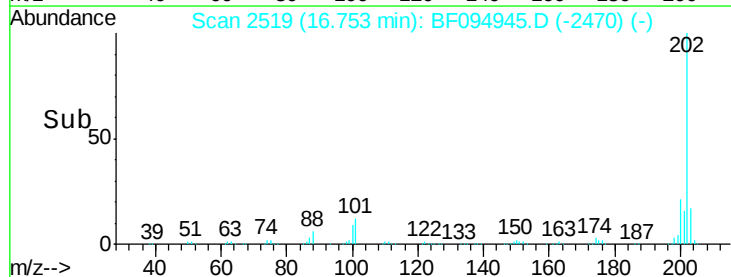
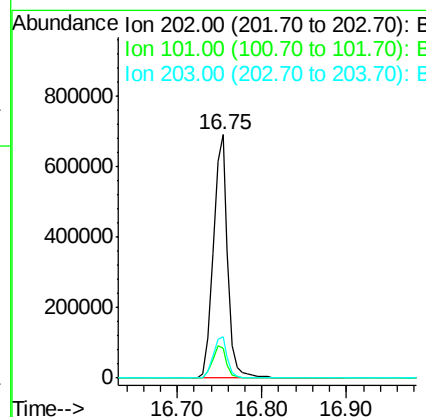
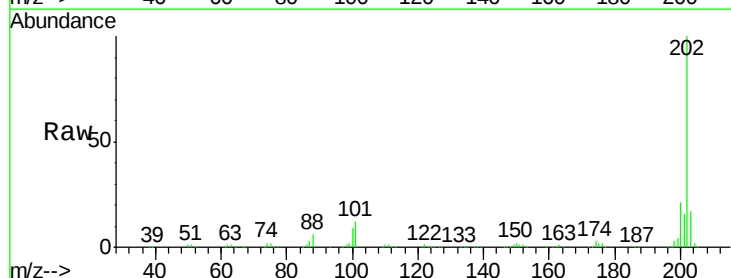
RT: 16.75 min Scan# 2519

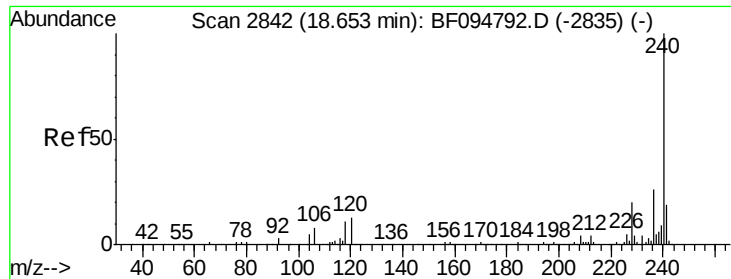
Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	202	Resp:	825920
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	33.2
203	17.2	0.0	38.1





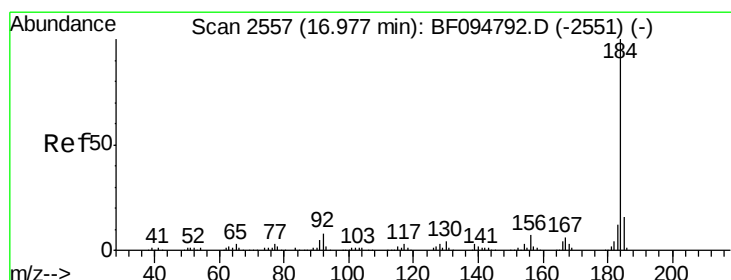
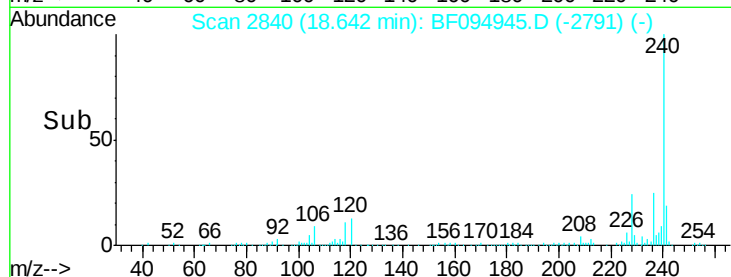
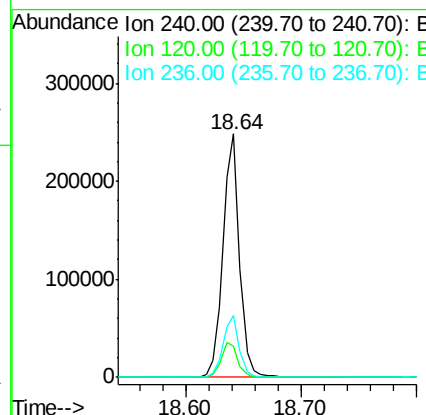
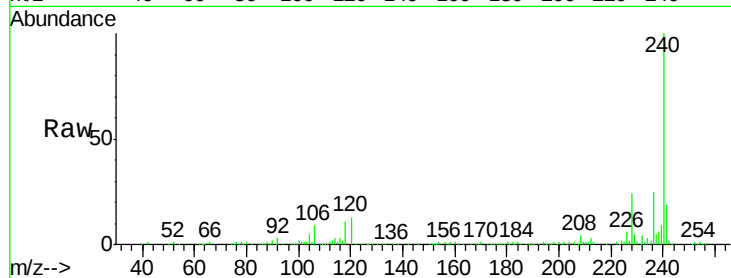
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	245647		
120	12.9	5.8	8.8#	
236	25.5	20.5	30.7	

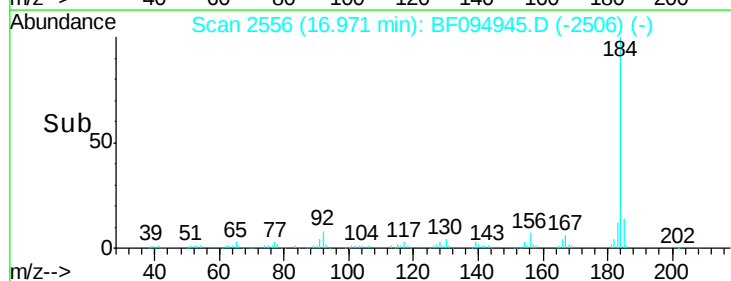
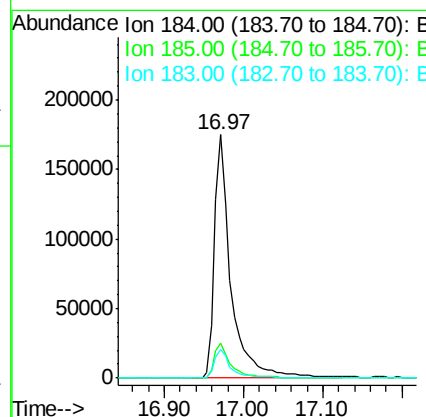
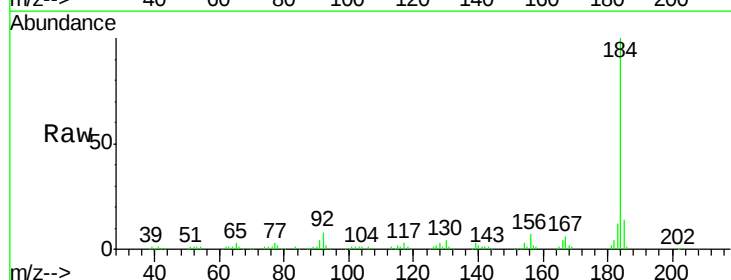
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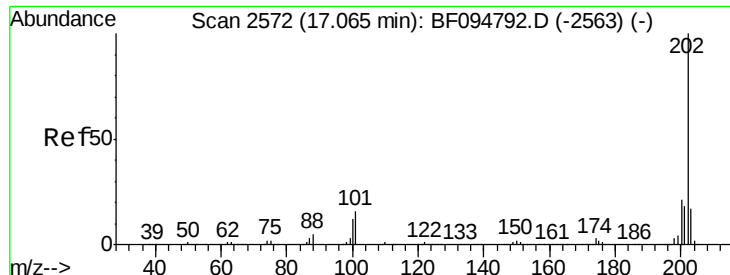
mohammad
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#76
 Benzidine
 Concen: 39.61 ng
 RT: 16.97 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	254268		
185	14.4	15.5	23.3#	
183	11.8	9.8	14.6	





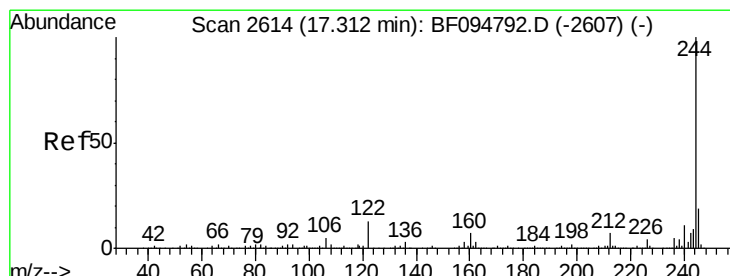
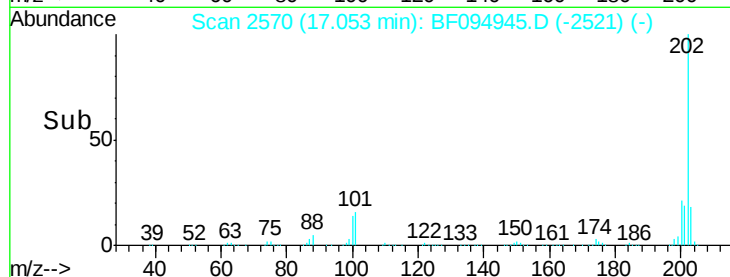
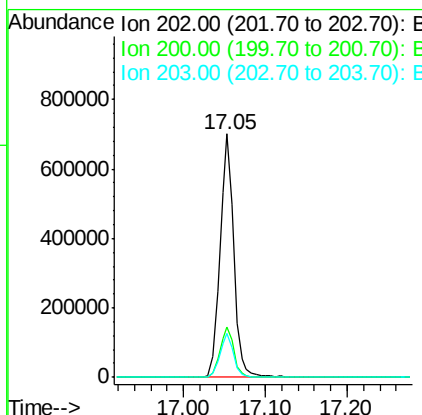
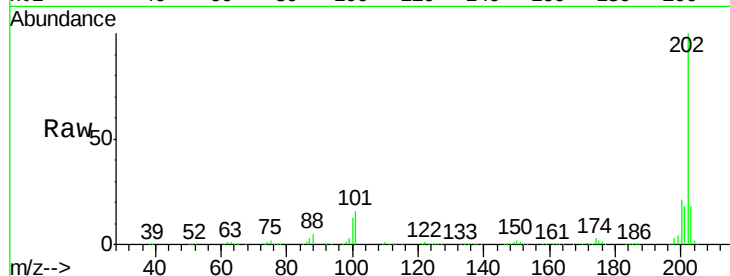
#77
 Pyrene
 Concen: 44.82 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	823468		
200	20.9	17.6	26.4	
203	18.0	14.4	21.6	

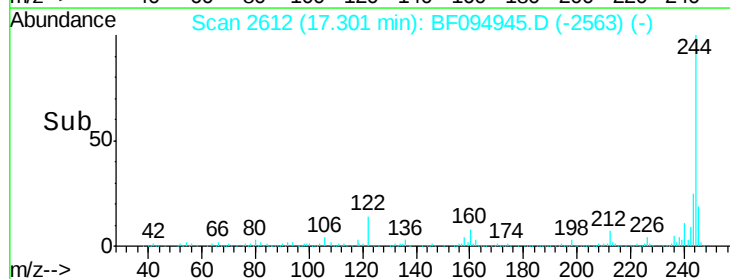
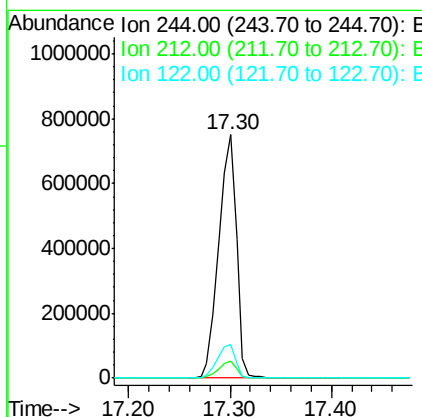
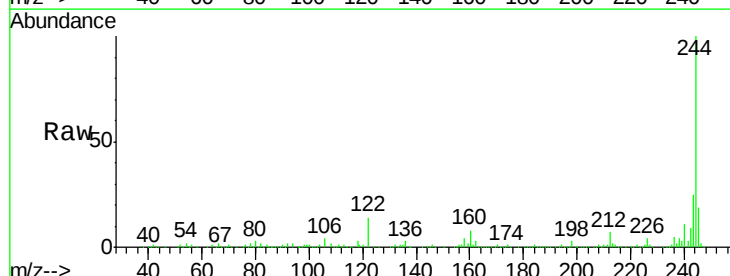
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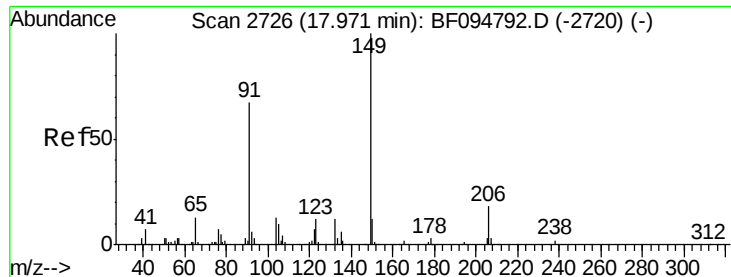
mohammad
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#78
 Terphenyl-d14
 Concen: 81.86 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	912965		
212	7.1	6.0	9.0	
122	13.9	10.3	15.5	





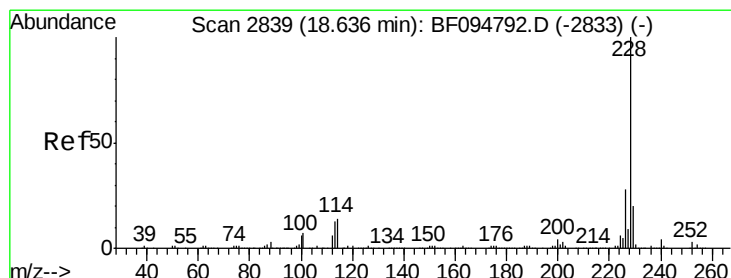
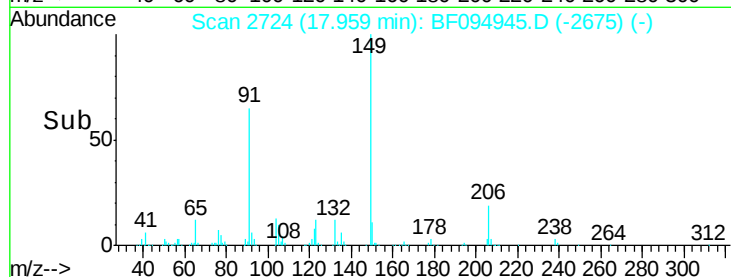
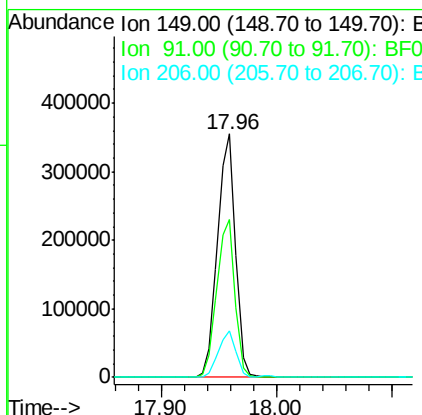
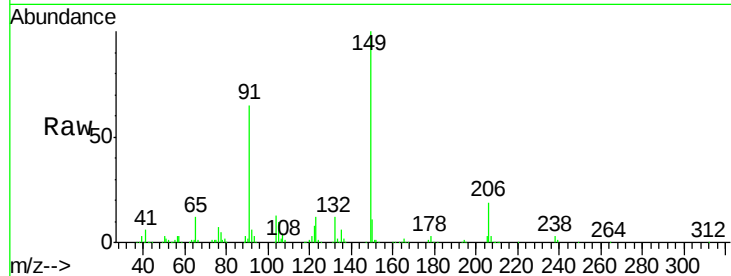
#79
Butylbenzylphthalate
Concen: 45.01 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	384661		
91	64.9	45.0	67.4	
206	19.0	17.0	25.6	

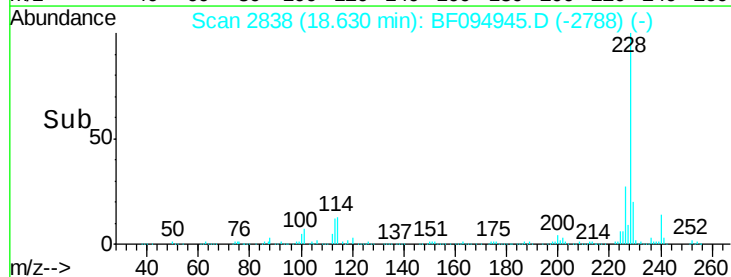
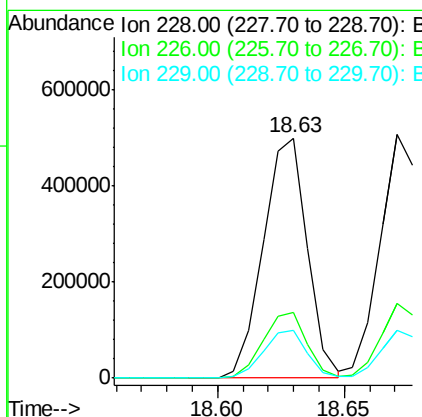
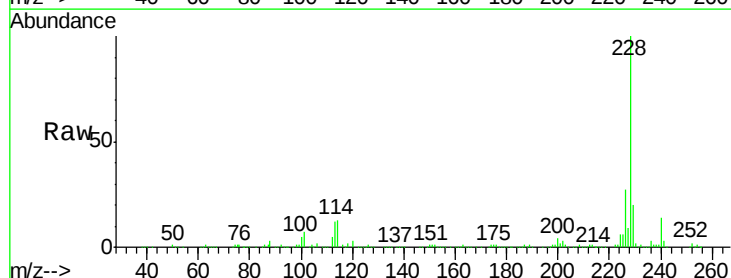
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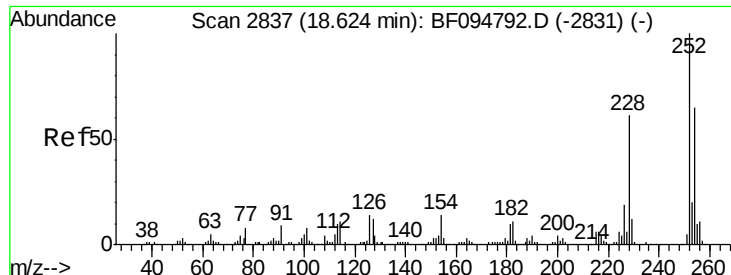
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#80
Benzo(a)anthracene
Concen: 42.31 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	604945		
226	27.4	22.6	33.8	
229	19.7	16.3	24.5	





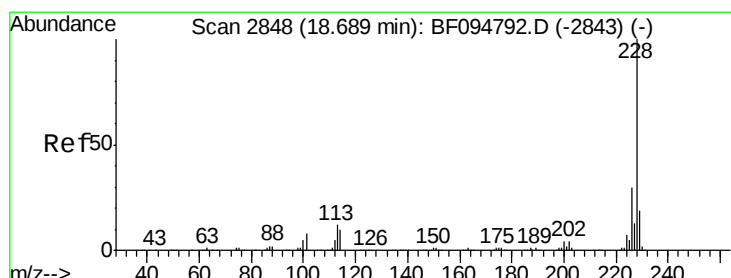
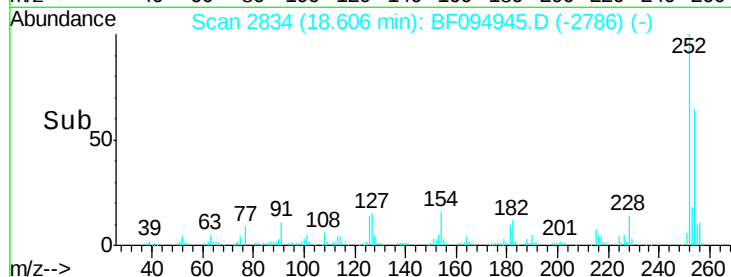
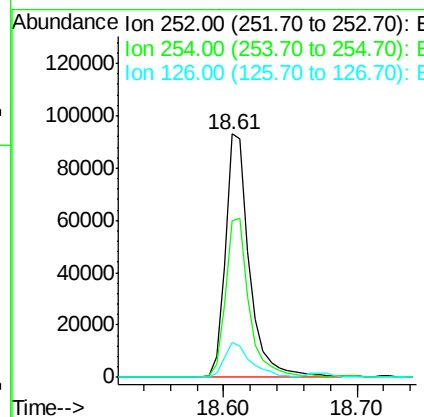
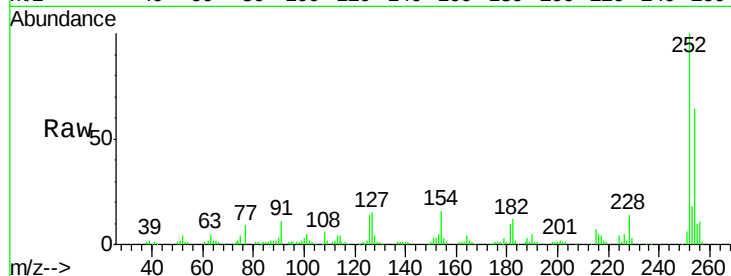
#81
 3,3'-Dichlorobenzidine
 Concen: 23.92 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	51.5	77.3
126	14.2	15.8	23.8

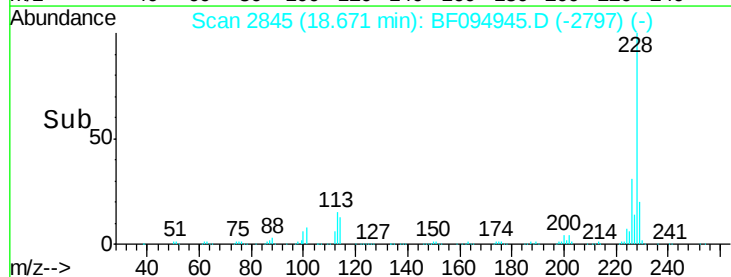
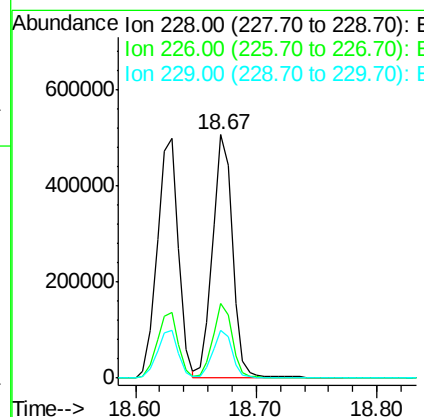
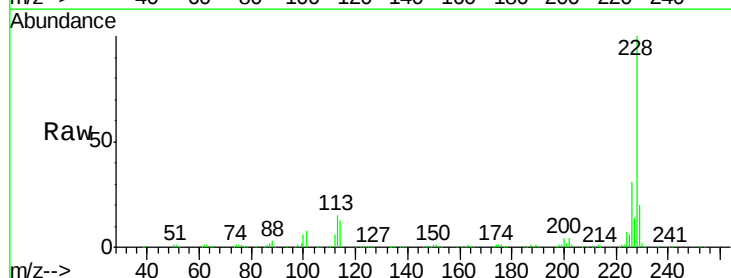
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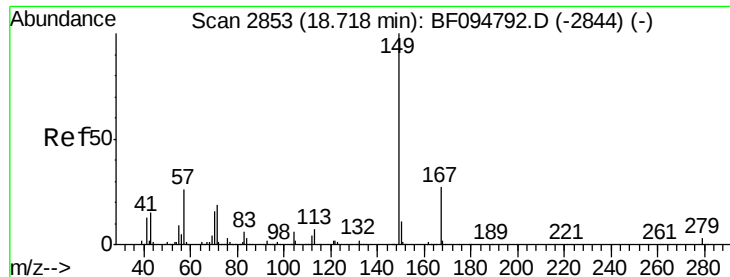
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#82
 Chrysene
 Concen: 41.66 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.18 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

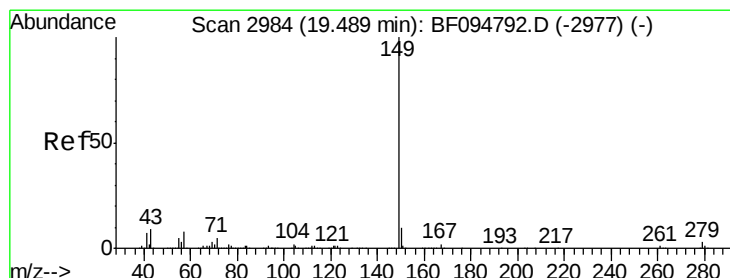
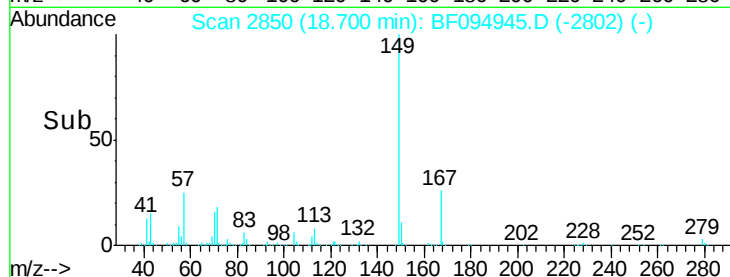
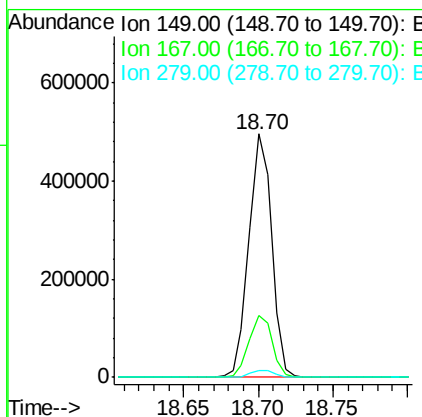
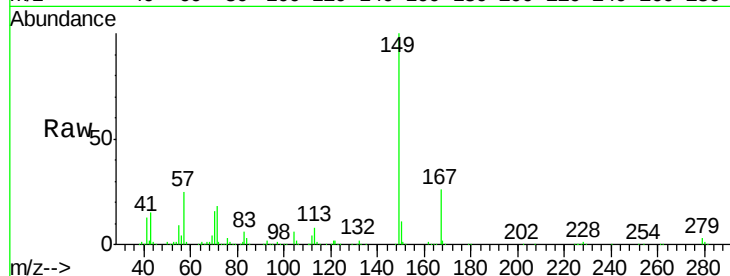
ClientSampleId :

PB98586BS

Tgt Ion:	149	Resp:	525762
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.0	31.4
279	3.0	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 42.41 ng

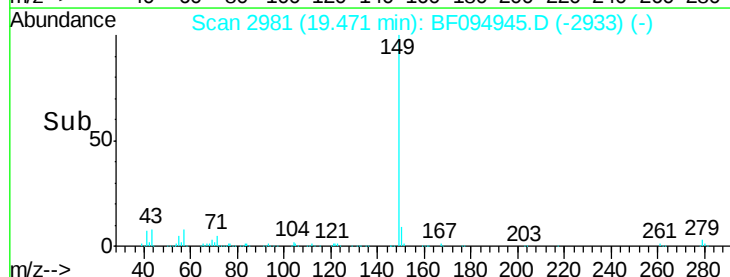
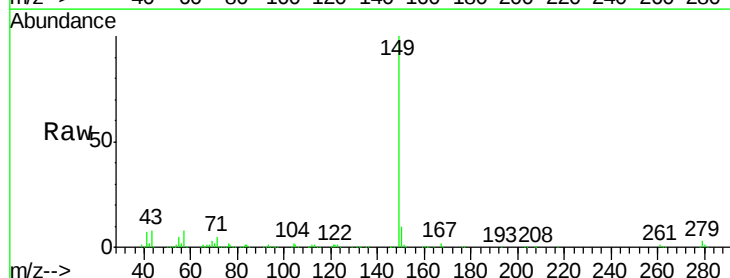
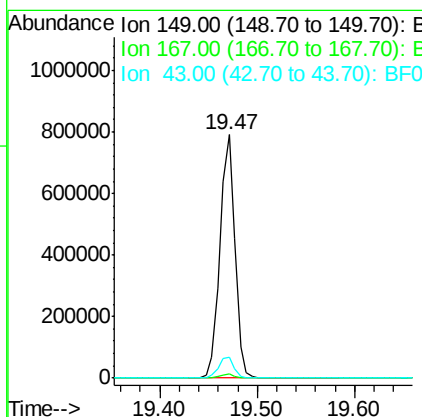
RT: 19.47 min Scan# 2981

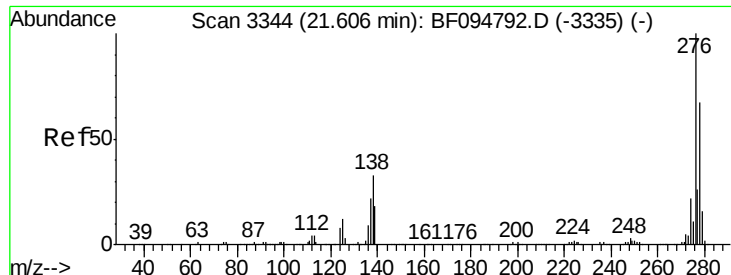
Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Tgt Ion:	149	Resp:	846600
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7





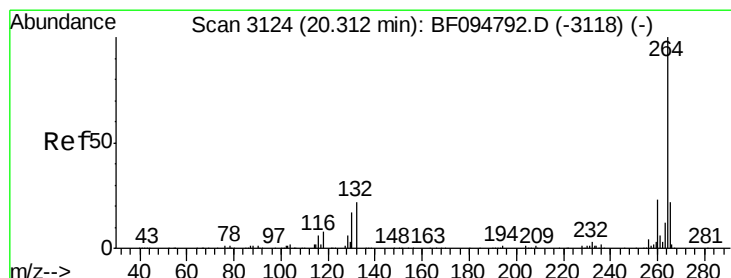
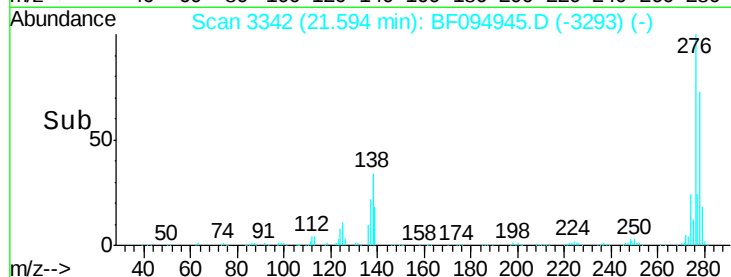
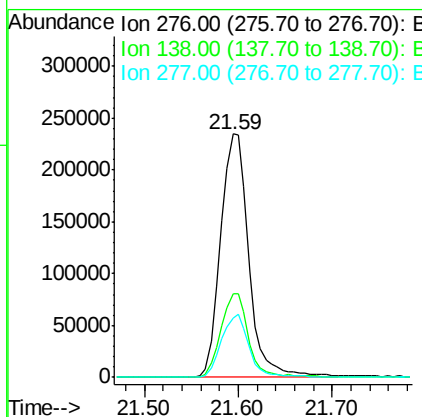
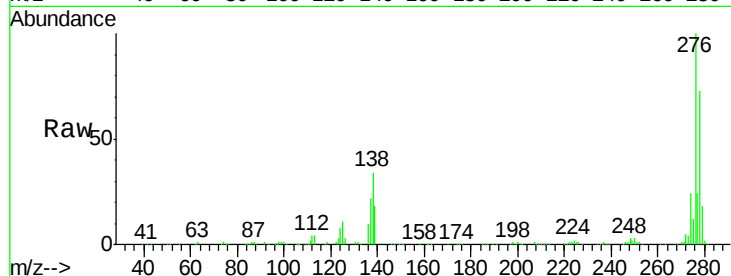
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.95 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.6	20.2	30.4

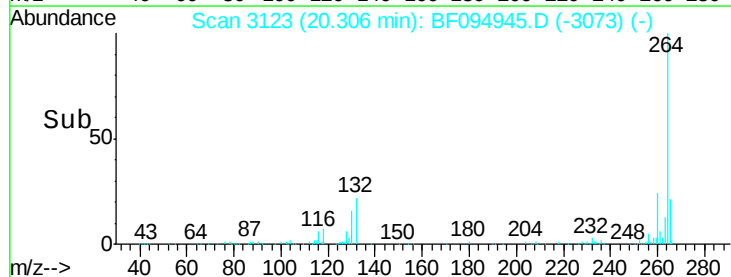
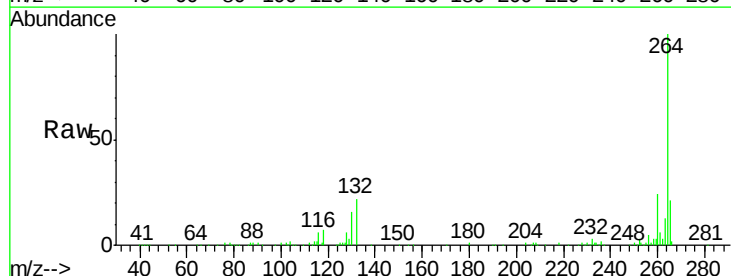
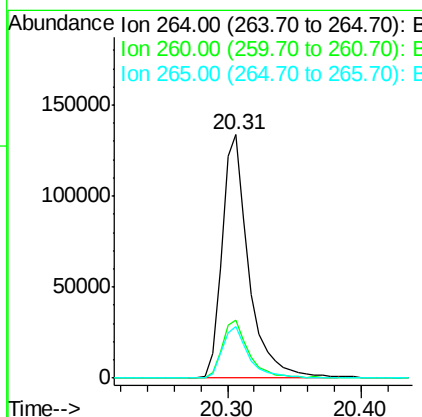
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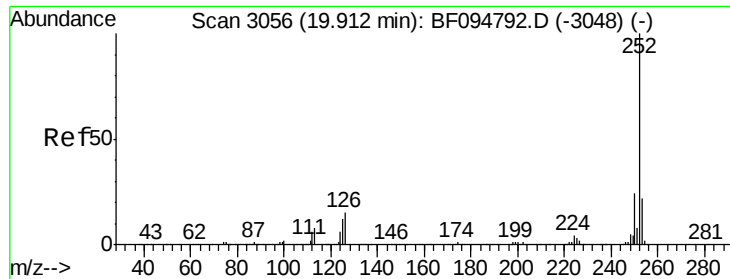
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.1	17.2	25.8





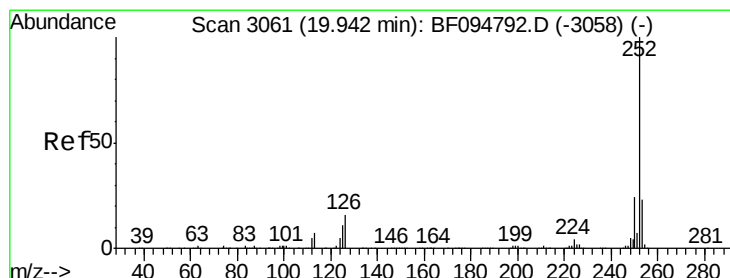
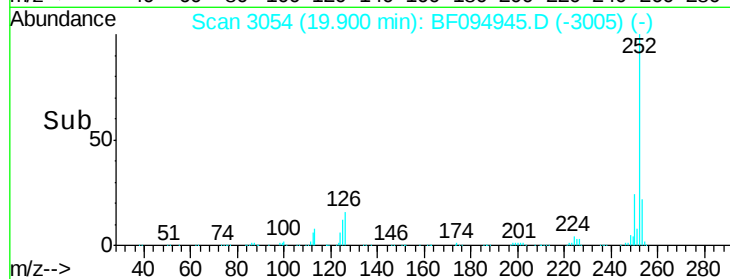
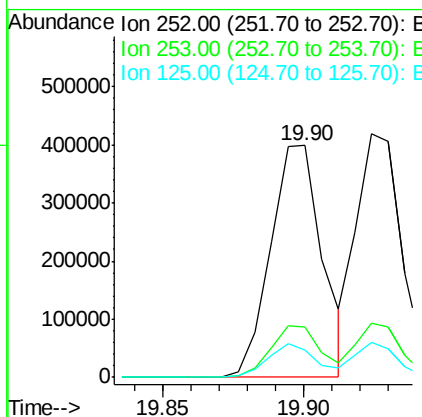
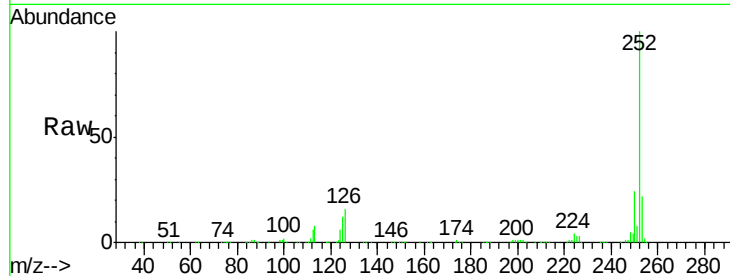
#87
Benzo(b)fluoranthene
Concen: 43.85 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.9	9.8	14.8

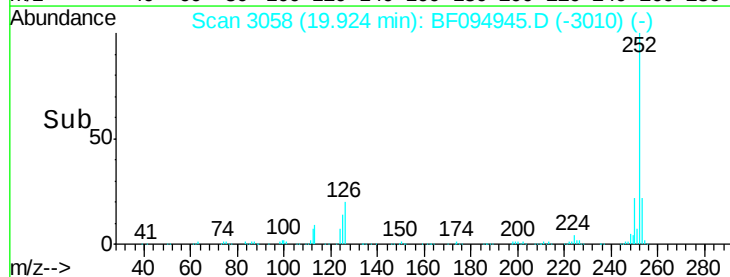
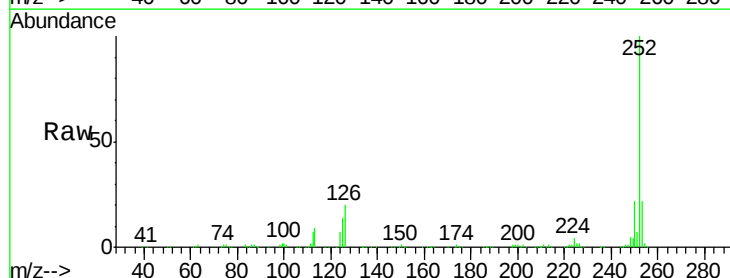
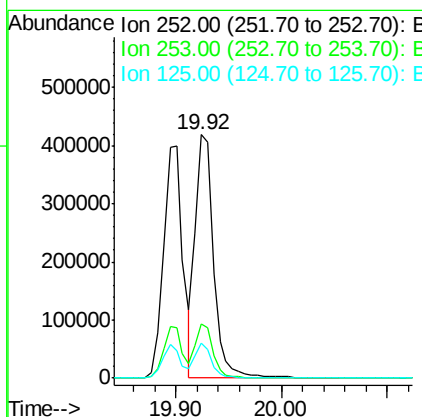
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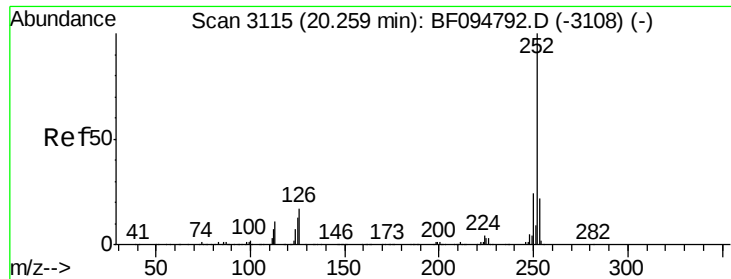
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#88
Benzo(k)fluoranthene
Concen: 44.38 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	14.4	13.1	19.7





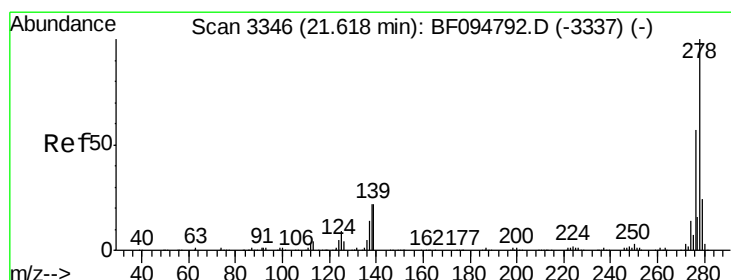
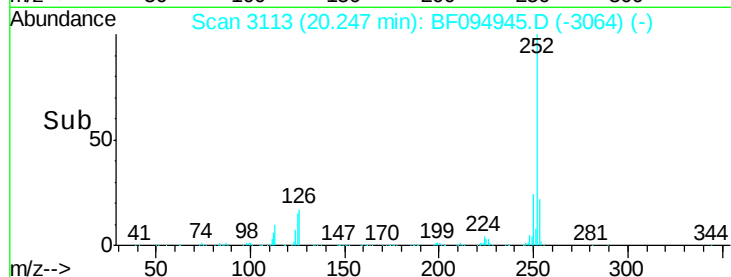
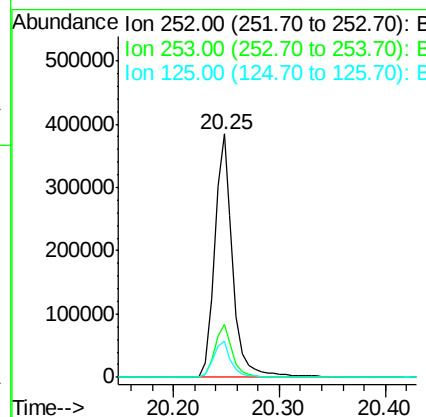
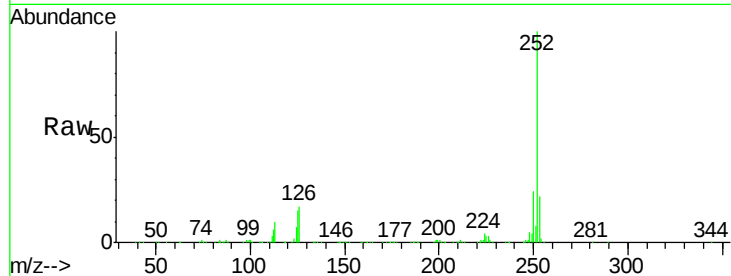
#89
Benzo(a)pyrene
Concen: 43.16 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampled :
PB98586BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.7	11.0	16.4

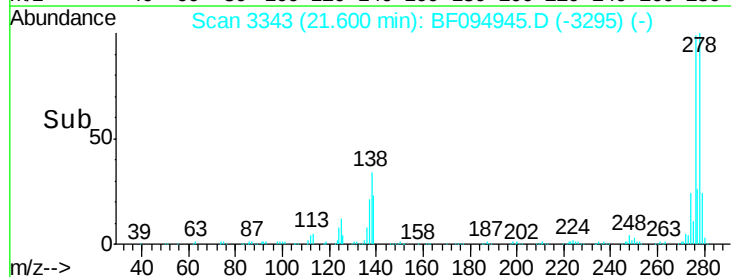
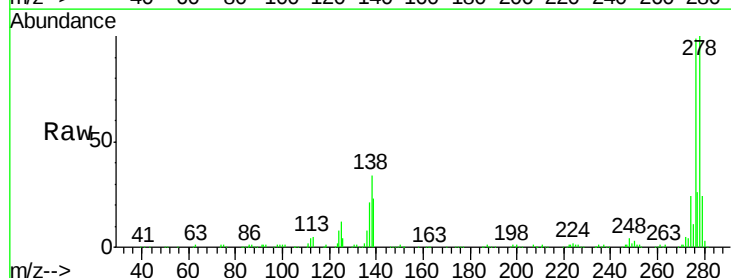
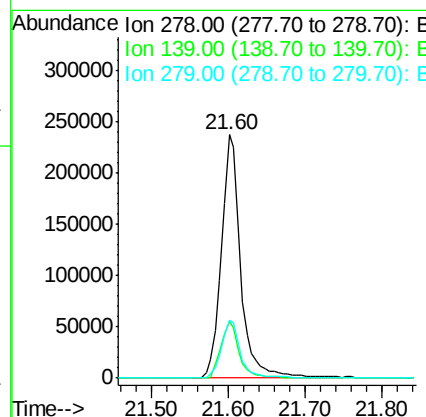
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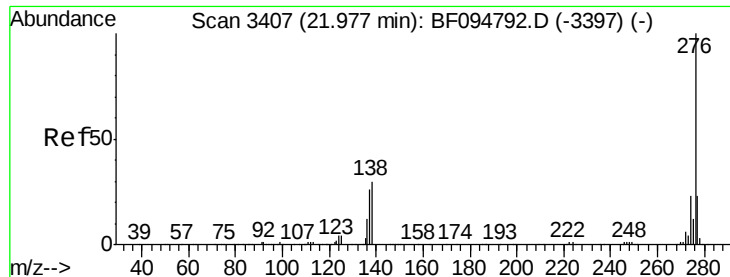
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 46.70 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 49.02 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BS

Tgt Ion:	276	Resp:	423953
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.6	28.0
138	29.9	25.4	38.0

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