

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094801.D
 Acq On : 2 May 2017 19:20
 Operator : SJ/MA
 Sample : PB98583BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:07 PM

Quant Time: May 03 17:38:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	94842	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	394644	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	187894	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	325049	20.00	ng	0.00
75) Chrysene-d12	18.65	240	265951	20.00	ng	0.00
86) Perylene-d12	20.31	264	194246	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	807948	142.03	ng	0.02
7) Phenol-d6	7.28	99	961693	140.90	ng	0.00
23) Nitrobenzene-d5	8.64	82	571149	91.26	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	213730	138.89	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1154803	88.46	ng	0.00
78) Terphenyl-d14	17.31	244	1049270	86.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	103650	37.152	ng	97
3) Pyridine	2.84	79	260546	40.294	ng	97
4) n-Nitrosodimethylamine	2.77	42	122978	45.628	ng	87
6) Aniline	7.24	93	226202	26.251	ng	98
8) 2-Chlorophenol	7.42	128	299219	46.213	ng	95
9) Benzaldehyde	7.05	77	47580	11.416	ng	95
10) Phenol	7.30	94	339826	47.247	ng	89
11) bis(2-Chloroethyl)ether	7.37	93	255242	42.986	ng	96
12) 1,3-Dichlorobenzene	7.64	146	317512	43.229	ng	98
13) 1,4-Dichlorobenzene	7.76	146	328451	44.096	ng	97
14) 1,2-Dichlorobenzene	8.00	146	303331	43.628	ng	96
15) Benzyl Alcohol	8.01	79	236298	53.825	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	346544	41.235	ng	# 37
17) 2-Methylphenol	8.23	107	235874	44.514	ng	# 93
18) Hexachloroethane	8.52	117	105090	41.649	ng	88
19) n-Nitroso-di-n-propylamine	8.44	70	198482	42.997	ng	94
20) 3+4-Methylphenols	8.48	107	321374	44.633	ng	# 62
22) Acetophenone	8.40	105	421853	44.553	ng	# 84
24) Nitrobenzene	8.66	77	290320	44.257	ng	94
25) Isophorone	9.06	82	506017	45.281	ng	95
26) 2-Nitrophenol	9.17	139	161789	45.707	ng	95
27) 2,4-Dimethylphenol	9.31	122	267923	46.816	ng	99
28) bis(2-Chloroethoxy)methane	9.43	93	340319	44.022	ng	99
29) 2,4-Dichlorophenol	9.58	162	253676	46.945	ng	96
30) 1,2,4-Trichlorobenzene	9.68	180	250384	43.250	ng	99
31) Naphthalene	9.79	128	845642	42.635	ng	99
32) Benzoic acid	9.58	122	102195	29.400	ng	95
33) 4-Chloroaniline	9.93	127	57027	7.715	ng	# 93
34) Hexachlorobutadiene	10.01	225	127281	41.668	ng	98
35) Caprolactam	10.54	113	76524m	47.161	ng	
36) 4-Chloro-3-methylphenol	10.78	107	256136	44.334	ng	92
37) 2-Methylnaphthalene	10.91	142	576271	44.269	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	229204	39.667	ng	99
40) Hexachlorocyclopentadiene	11.17	237	187812	77.520	ng	98

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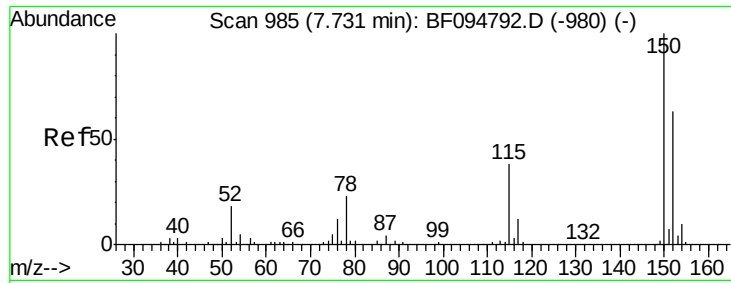
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	171497	44.453	ng	96
43) 2,4,5-Trichlorophenol	11.48	196	181601	43.796	ng	93
45) 1,1'-Biphenyl	11.68	154	647407	40.924	ng	98
46) 2-Chloronaphthalene	11.70	162	510904	39.997	ng	96
47) 2-Nitroaniline	11.90	65	141895	40.586	ng #	80
48) Acenaphthylene	12.35	152	885430	44.255	ng	98
49) Dimethylphthalate	12.23	163	662234	42.932	ng	98
50) 2,6-Dinitrotoluene	12.31	165	147107	46.747	ng	95
51) Acenaphthene	12.64	154	520277	43.537	ng	99
52) 3-Nitroaniline	12.58	138	61332	18.159	ng #	91
53) 2,4-Dinitrophenol	12.77	184	89364	53.779	ng #	66
54) Dibenzofuran	12.92	168	795866	48.126	ng	97
55) 4-Nitrophenol	12.95	139	195416	96.329	ng #	72
56) 2,4-Dinitrotoluene	12.97	165	195961	48.461	ng #	87
57) Fluorene	13.48	166	607179	42.225	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	122443	46.919	ng #	95
59) Diethylphthalate	13.38	149	590017	39.908	ng	99
60) 4-Chlorophenyl-phenylether	13.51	204	263836	41.748	ng	91
61) 4-Nitroaniline	13.58	138	133116	42.931	ng	95
62) Azobenzene	13.76	77	591450	49.784	ng	95
64) 4,6-Dinitro-2-methylphenol	13.64	198	76711	35.204	ng #	64
65) n-Nitrosodiphenylamine	13.71	169	534399	45.298	ng	99
66) 4-Bromophenyl-phenylether	14.29	248	157173	45.768	ng	99
67) Hexachlorobenzene	14.37	284	149207	42.396	ng #	89
68) Atrazine	14.63	200	151867	45.593	ng	97
69) Pentachlorophenol	14.72	266	121992	76.907	ng	97
70) Phenanthrene	15.02	178	845798	45.287	ng	97
71) Anthracene	15.11	178	886439	46.465	ng	98
72) Carbazole	15.38	167	841342	48.470	ng	98
73) Di-n-butylphthalate	15.95	149	1017547	47.007	ng	99
74) Fluoranthene	16.76	202	913726	47.694	ng	99
76) Benzidine	16.98	184	259957	37.769	ng #	92
77) Pyrene	17.07	202	918425	46.175	ng	98
79) Butylbenzylphthalate	17.97	149	430561	46.539	ng	89
80) Benzo(a)anthracene	18.64	228	728274	47.052	ng	98
81) 3,3'-Dichlorobenzidine	18.62	252	142364	26.631	ng #	96
82) Chrysene	18.68	228	677266	45.253	ng	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	605131	45.907	ng #	97
84) Di-n-octyl phthalate	19.48	149	959196	44.384	ng	96
85) Indeno(1,2,3-cd)pyrene	21.60	276	487986	40.150	ng	100
87) Benzo(b)fluoranthene	19.91	252	565092	47.080	ng	98
88) Benzo(k)fluoranthene	19.94	252	547120	47.256	ng #	95
89) Benzo(a)pyrene	20.25	252	517887	46.759	ng	99
90) Dibenzo(a,h)anthracene	21.61	278	405631	44.346	ng	99
91) Benzo(g,h,i)perylene	21.98	276	422904	47.114	ng	96

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



#1

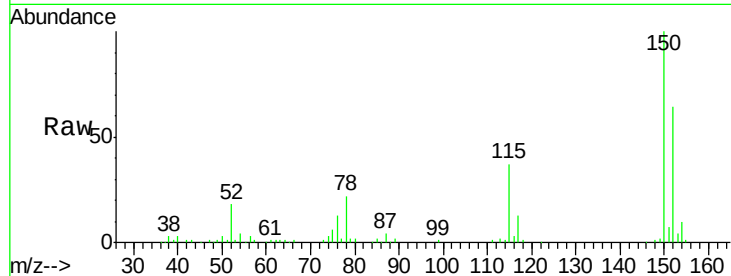
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

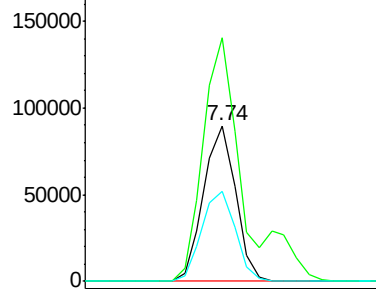
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	58.1	52.2	78.2

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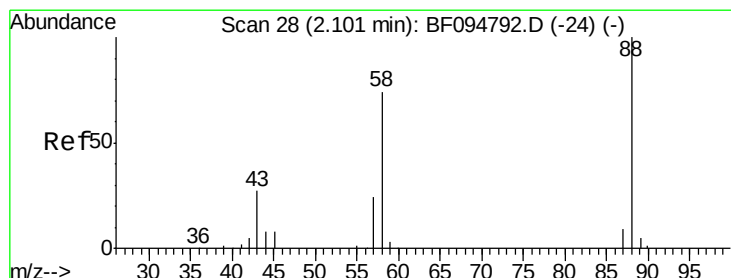
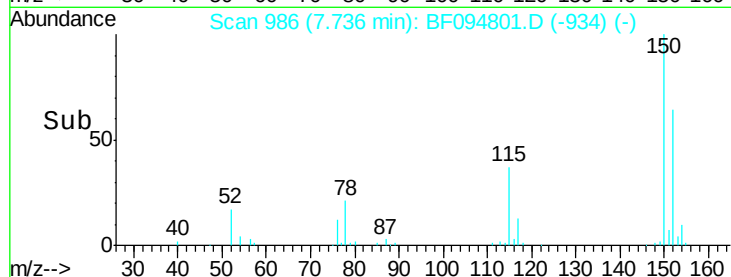
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



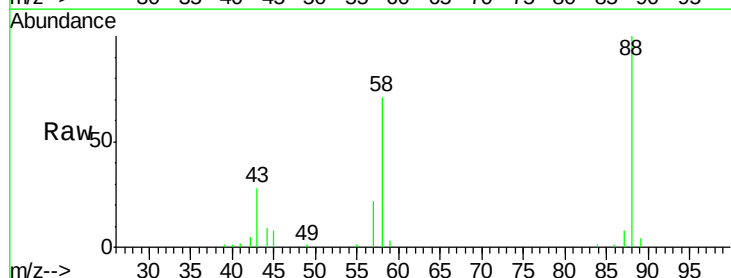
Time-->



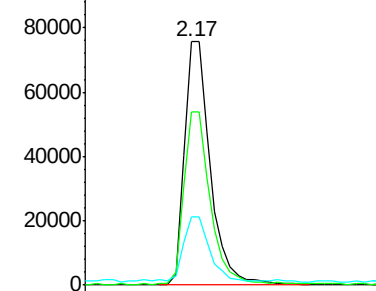
#2

1,4-Dioxane
Concen: 37.152 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.06 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

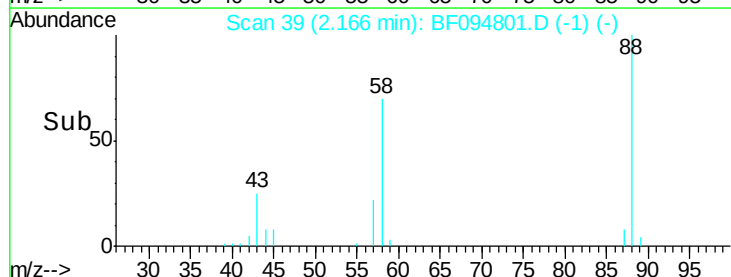
Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	61.4	92.0
43	27.4	23.4	35.0

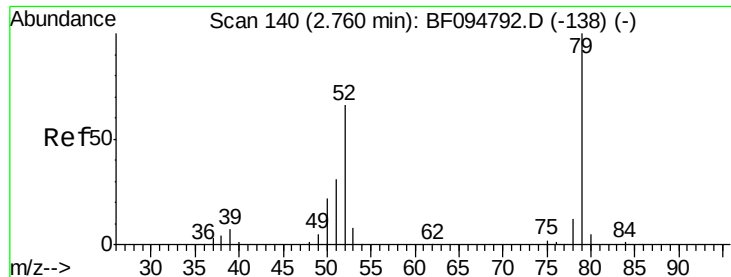


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





#3

Pyridine

Concen: 40.294 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.08 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

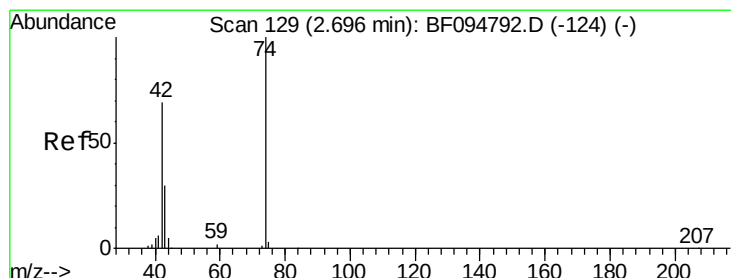
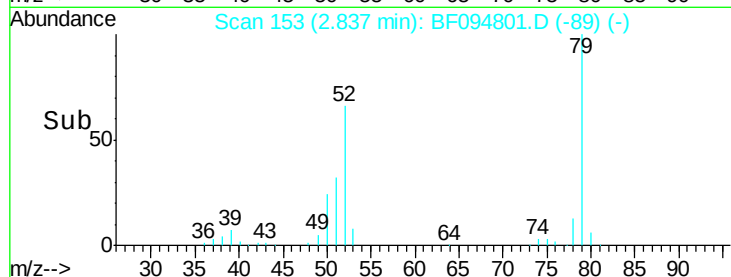
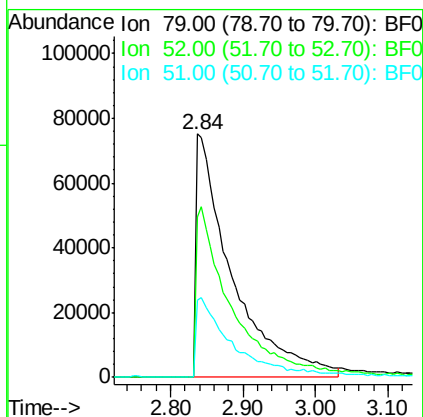
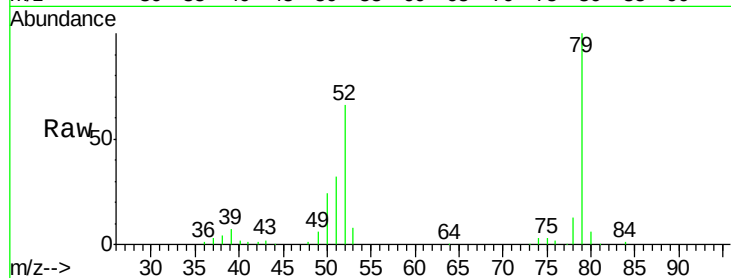
ClientSampleId :

PB98583BS

Tgt Ion:	79	Resp:	260546
Ion Ratio	Lower	Upper	
79	100		
52	65.7	54.8	82.2
51	31.9	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 45.628 ng

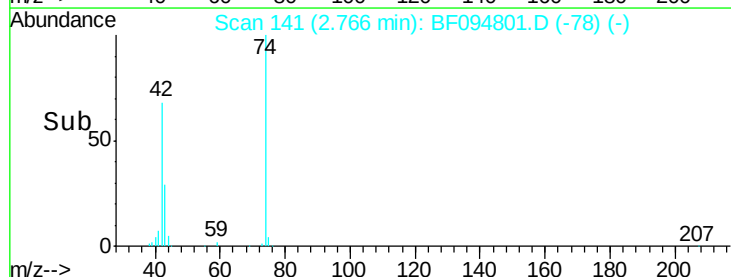
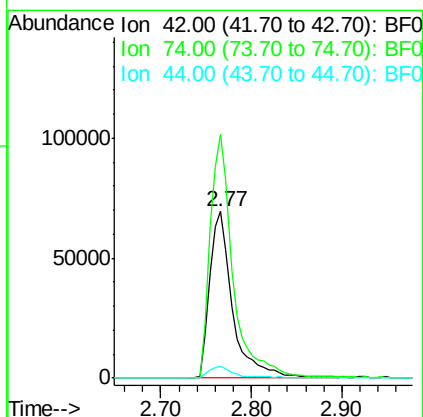
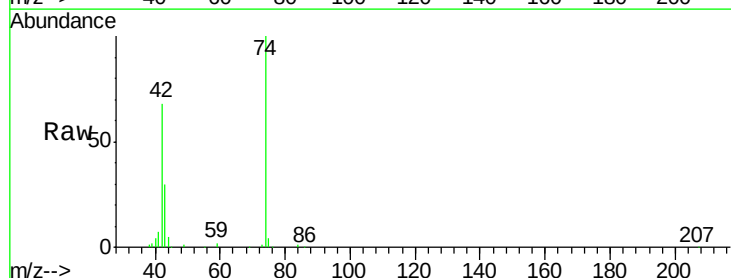
RT: 2.77 min Scan# 141

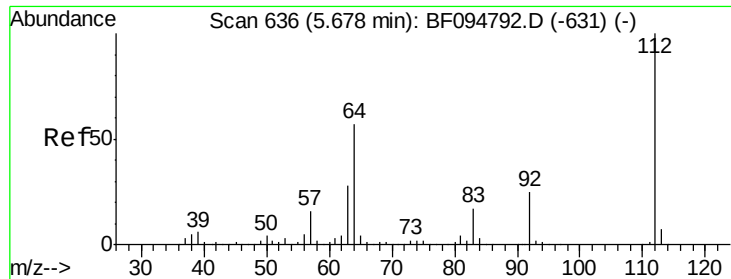
Delta R.T. 0.07 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion:	42	Resp:	122978
Ion Ratio	Lower	Upper	
42	100		
74	146.2	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 142.028 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.02 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

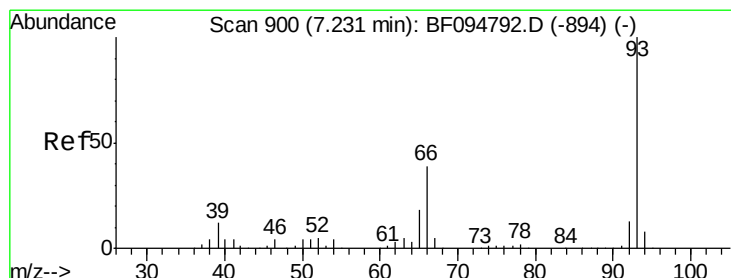
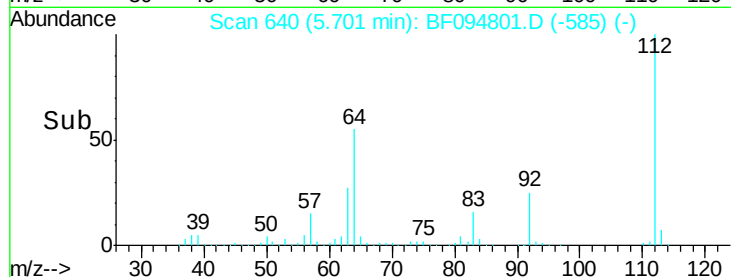
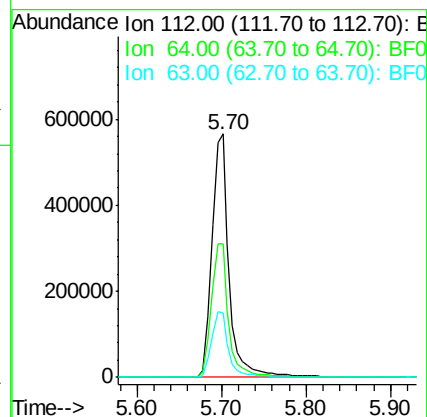
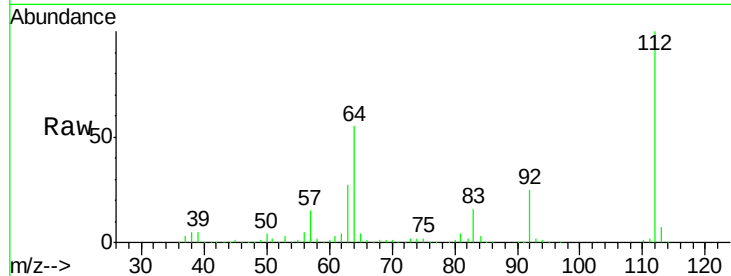
ClientSampleId :

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Tgt Ion:	112	Resp:	807948
Ion Ratio	Lower	Upper	
112	100		
64	54.8	46.0	69.0
63	26.6	23.4	35.0

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#6

Aniline

Concen: 26.251 ng

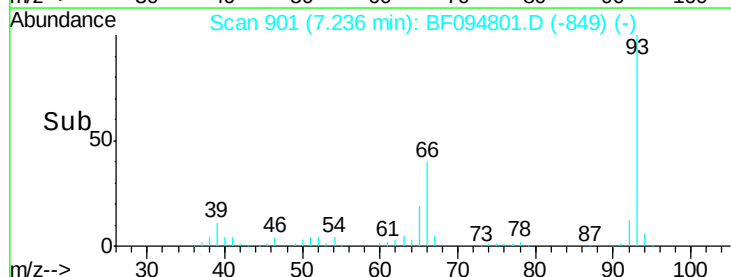
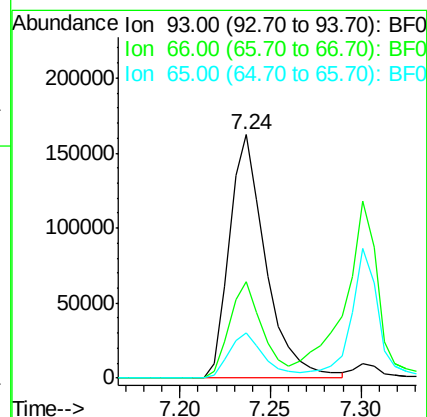
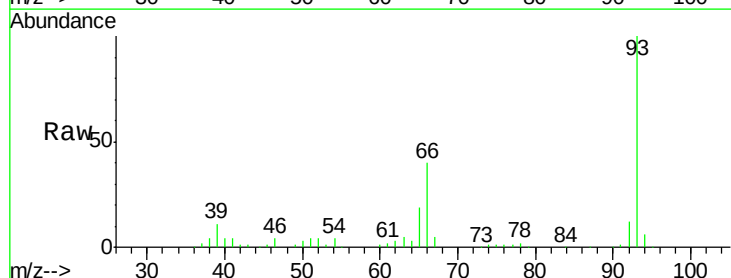
RT: 7.24 min Scan# 901

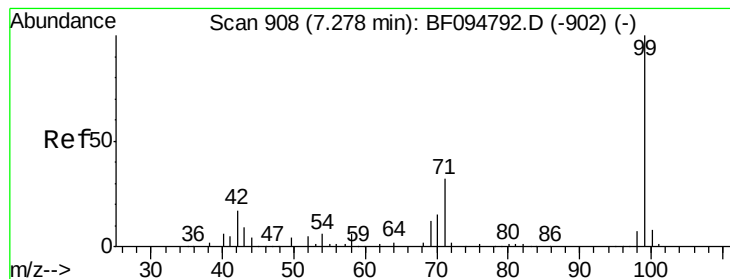
Delta R.T. 0.01 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion:	93	Resp:	226202
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.9	49.3
65	18.8	16.0	24.0





#7

Phenol-d6

Concen: 140.897 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

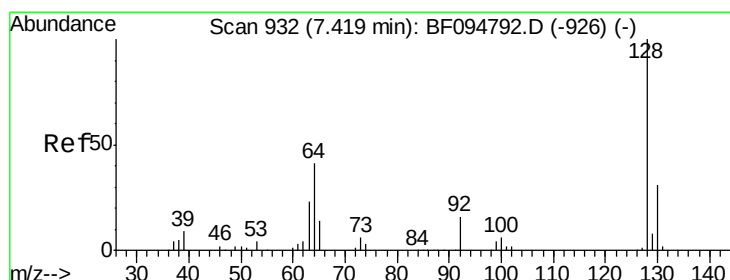
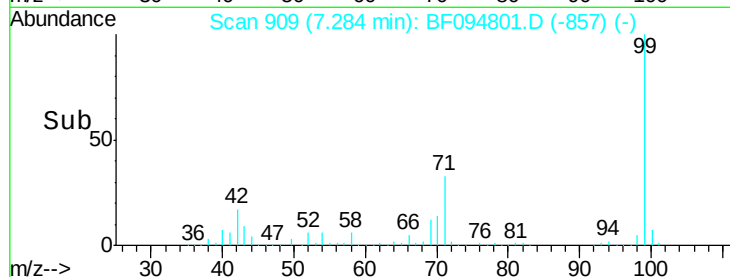
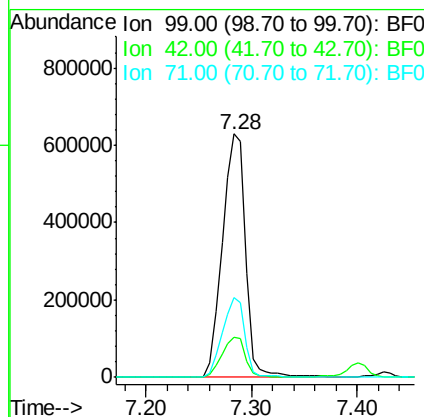
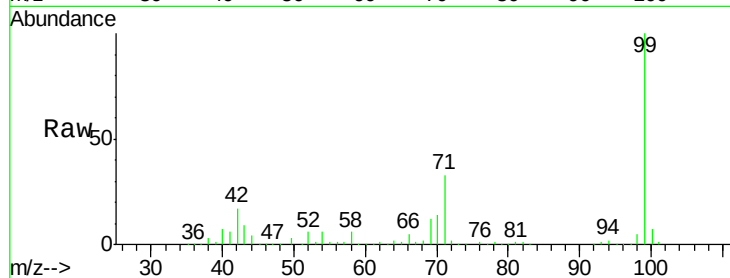
ClientSampleId :

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Tgt Ion:	99	Resp:	961693
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	33.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 46.213 ng

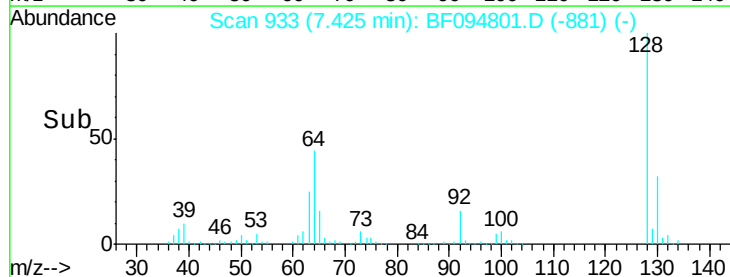
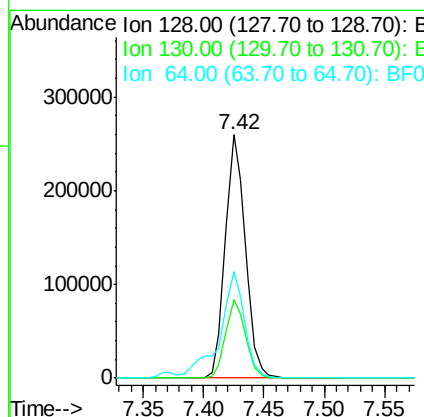
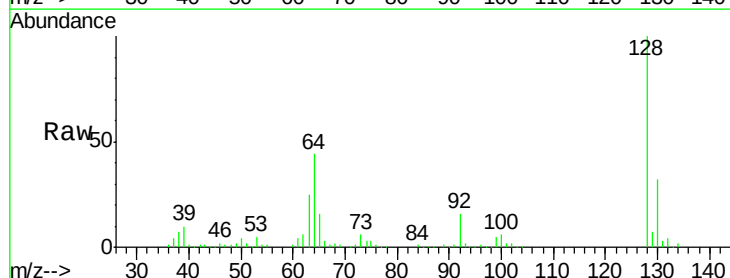
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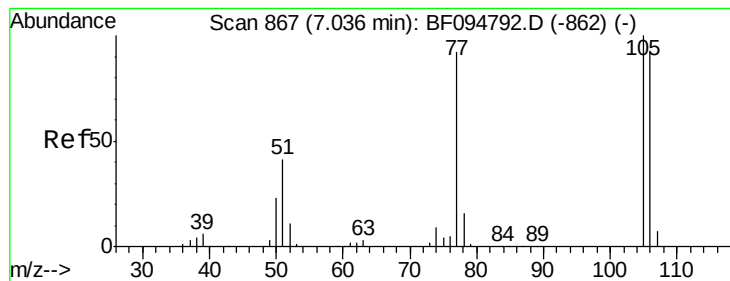
Delta R.T. 0.01 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion:	128	Resp:	299219
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	43.7	28.4	68.4





#9

Benzaldehyde

Concen: 11.416 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

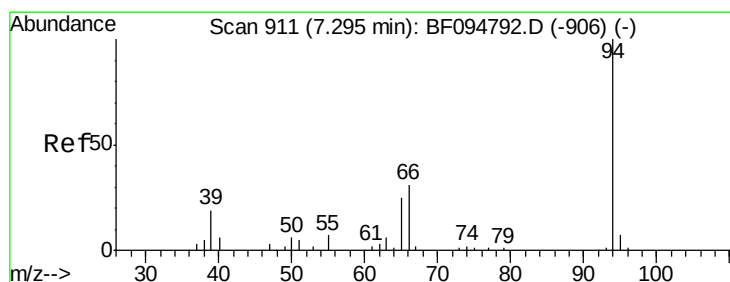
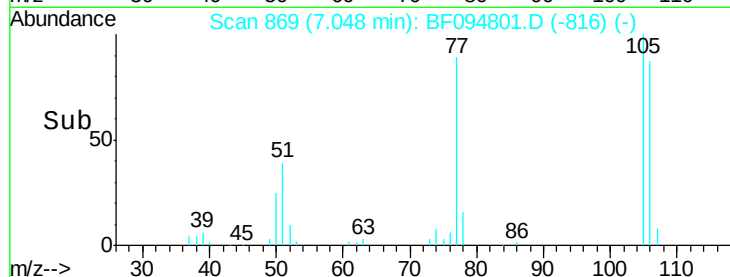
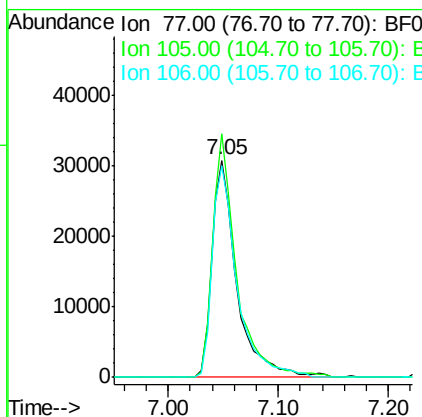
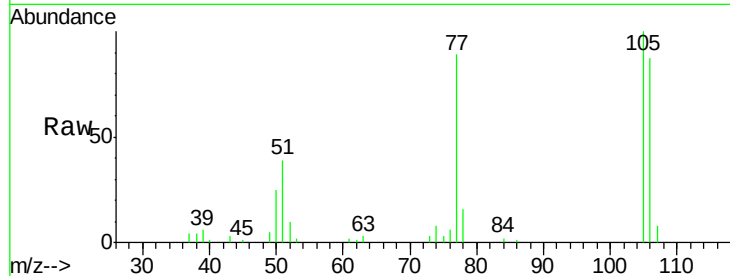
ClientSampleId :

PB98583BS

Tgt Ion:	77	Resp:	47580
Ion	Ratio	Lower	Upper
77	100		
105	112.1	83.8	123.8
106	97.4	79.1	119.1

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#10

Phenol

Concen: 47.247 ng

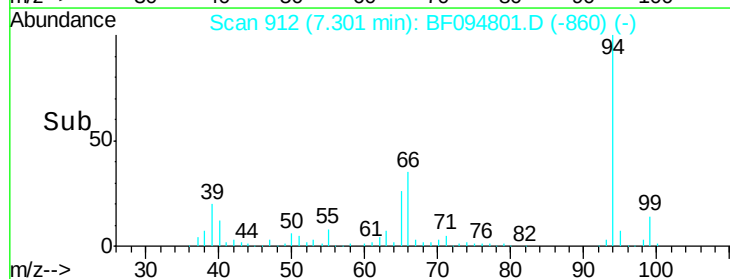
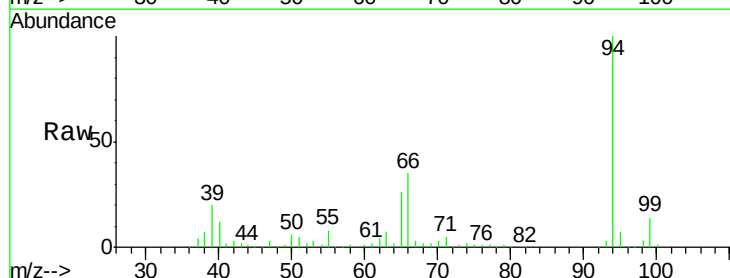
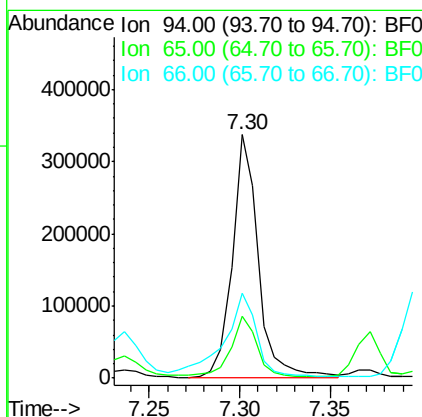
RT: 7.30 min Scan# 912

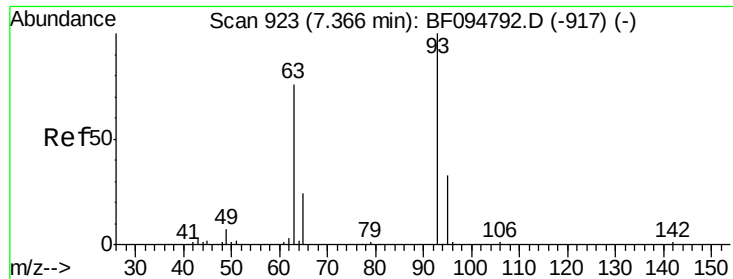
Delta R.T. 0.01 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion:	94	Resp:	339826
Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.9	49.9
66	34.9	23.1	63.1





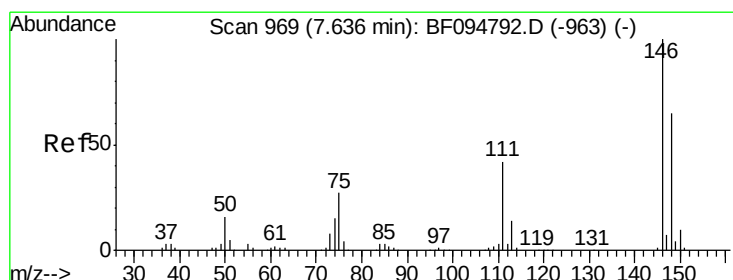
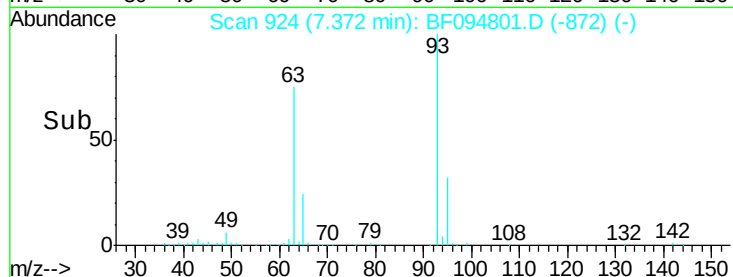
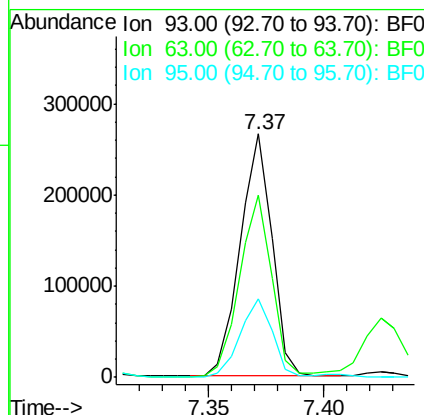
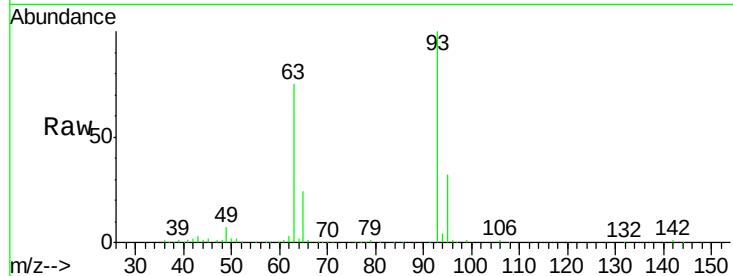
#11
bis(2-Chloroethyl)ether
Concen: 42.986 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion:	93	Resp:	255242
Ion	Ratio	Lower	Upper
93	100		
63	74.8	59.2	99.2
95	32.3	12.8	52.8

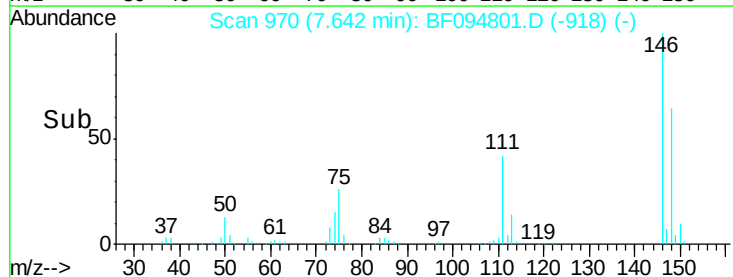
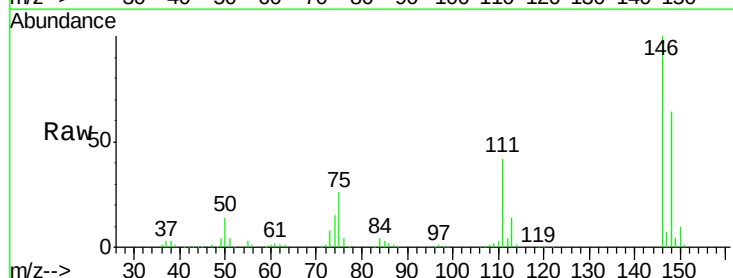
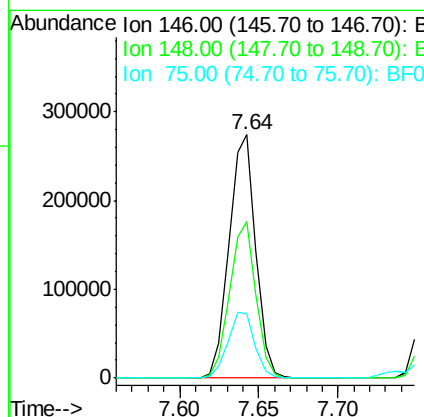
Manual Integrations
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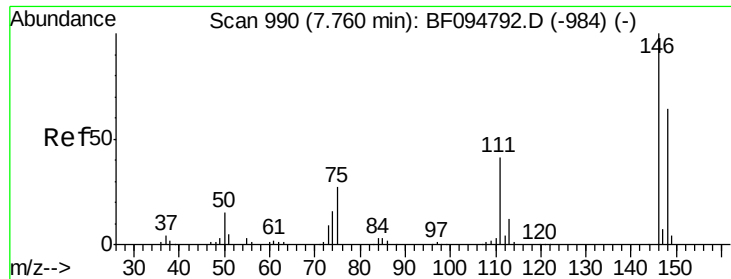
mohammad
5/4/2017 1:44:07 PM



#12
1,3-Dichlorobenzene
Concen: 43.229 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion:	146	Resp:	317512
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	26.5	23.1	34.7





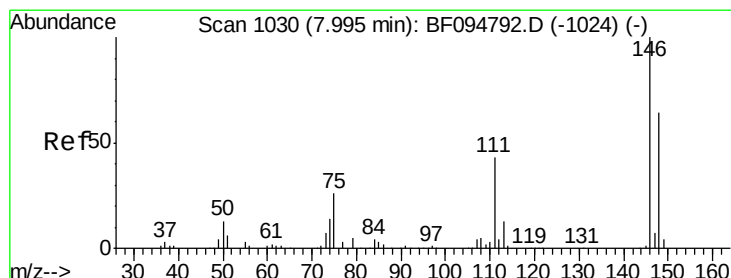
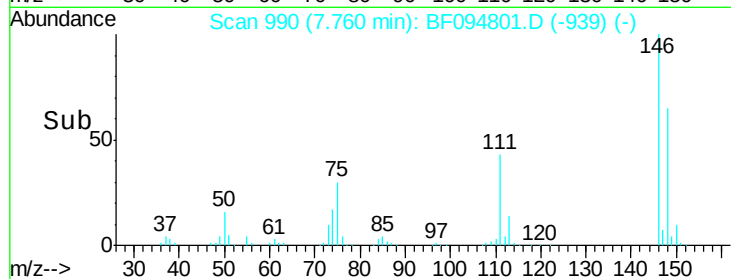
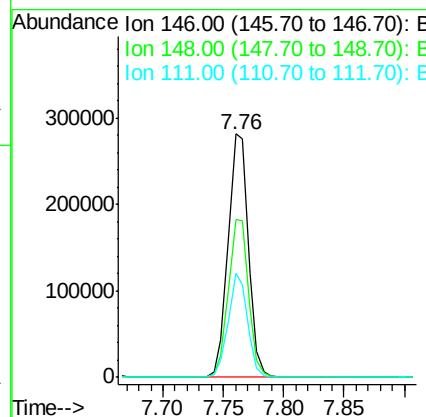
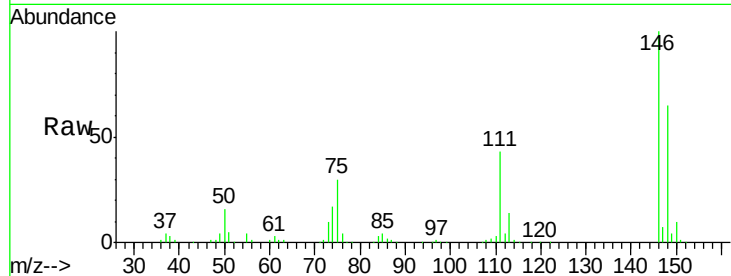
#13
 1,4-Dichlorobenzene
 Concen: 44.096 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	42.6	30.3	45.5

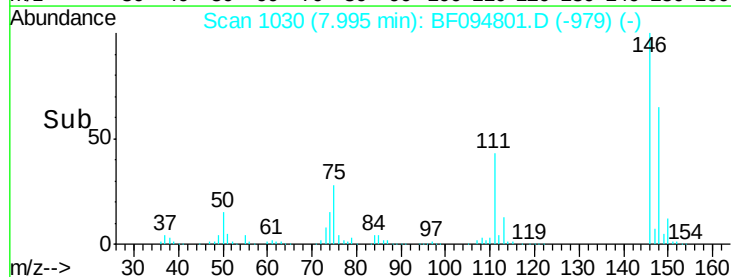
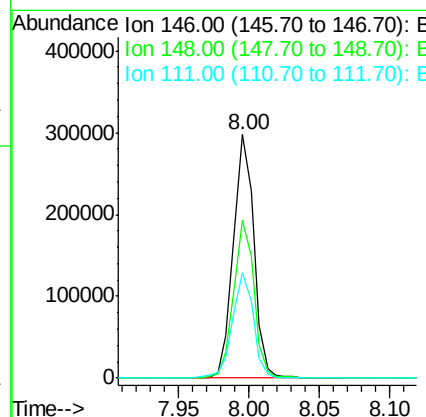
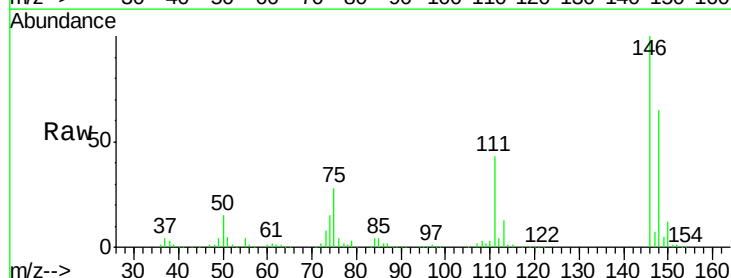
Manual Integrations
 APPROVED

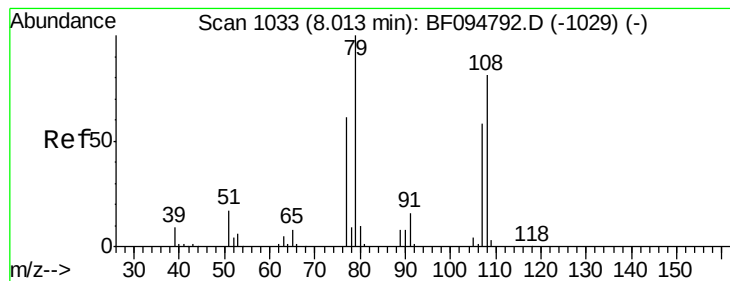
mohammad
 5/4/2017 1:44:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.628 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
111	43.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 53.825 ng

RT: 8.01 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

ClientSampleId :

PB98583BS

Tgt Ion: 79 Resp: 236298

Ion Ratio Lower Upper

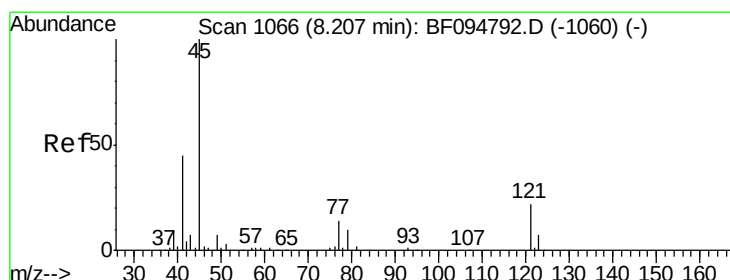
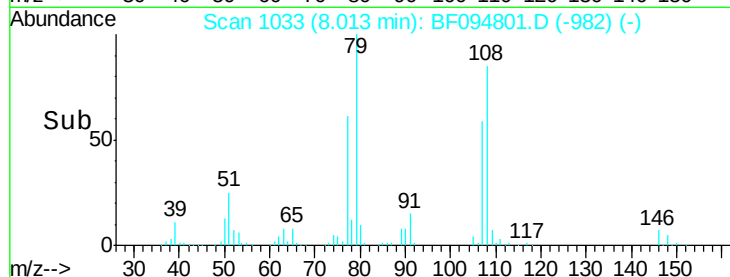
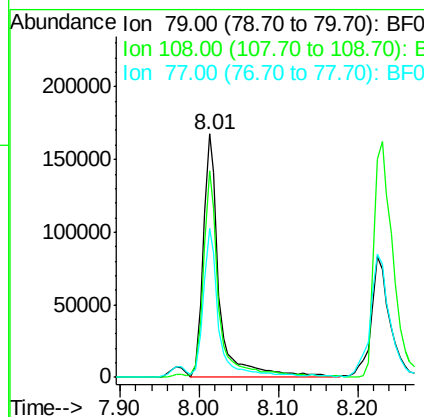
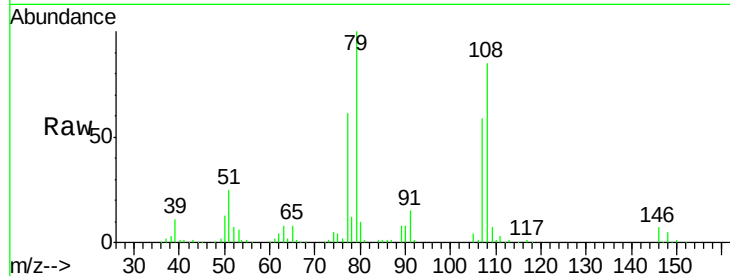
79 100

108 85.1 63.4 95.0

77 61.0 49.2 73.8

Manual Integrations
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5/4/2017 1:44:07 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.235 ng

RT: 8.22 min Scan# 1069

Delta R.T. 0.02 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

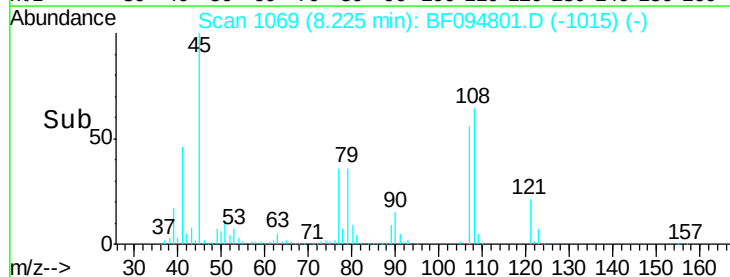
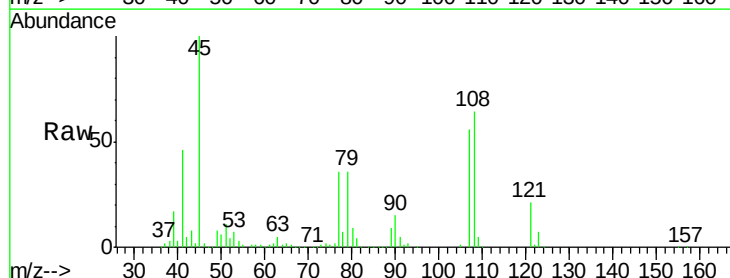
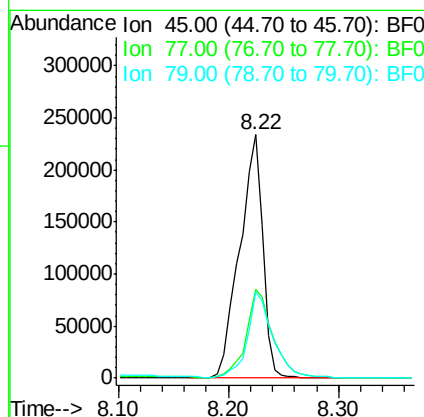
Tgt Ion: 45 Resp: 346544

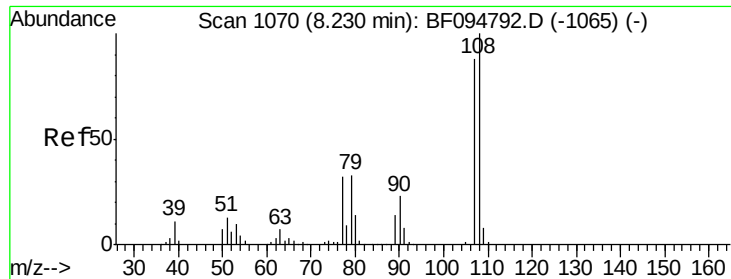
Ion Ratio Lower Upper

45 100

77 36.4 0.0 33.2#

79 35.6 0.0 30.0#





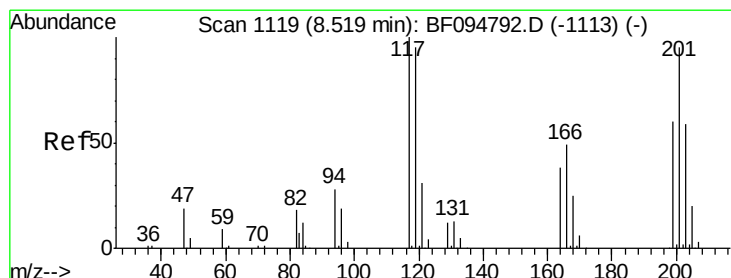
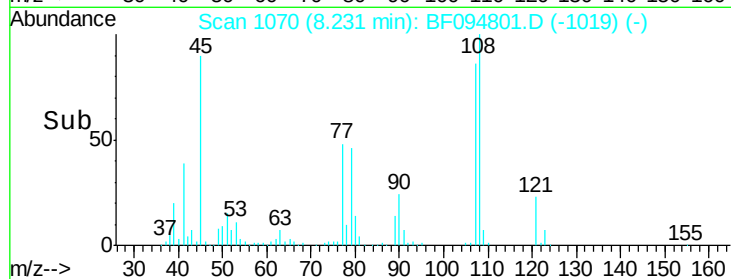
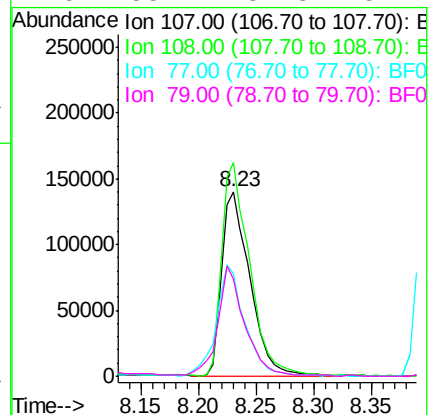
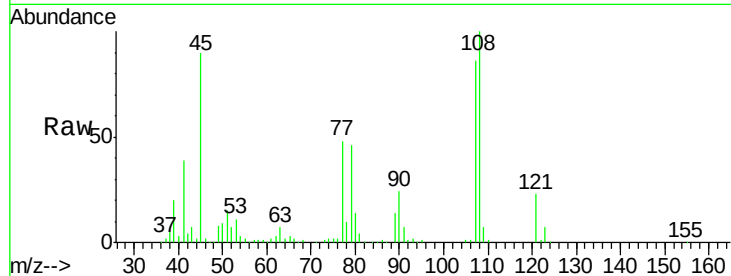
#17
2-Methylphenol
Concen: 44.514 ng
RT: 8.23 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	235874		
108	115.7	93.4	140.0	
77	55.6	35.8	53.6#	
79	53.1	34.8	52.2#	

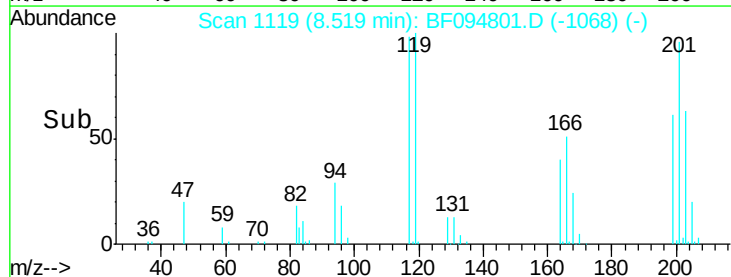
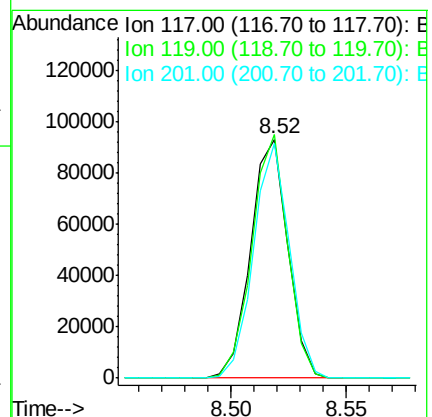
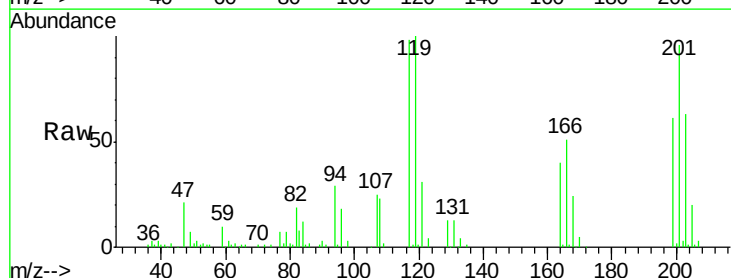
Manual Integrations
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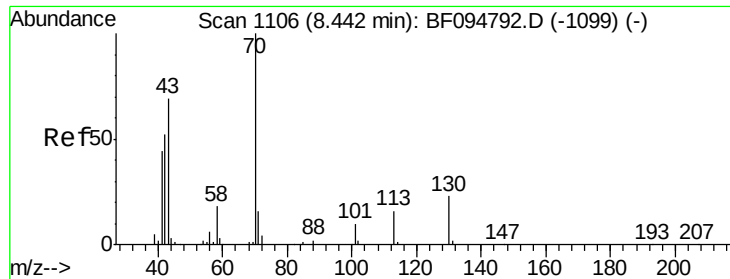
mohammad
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#18
Hexachloroethane
Concen: 41.649 ng
RT: 8.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105090		
119	101.8	77.4	116.0	
201	98.0	94.6	141.8	





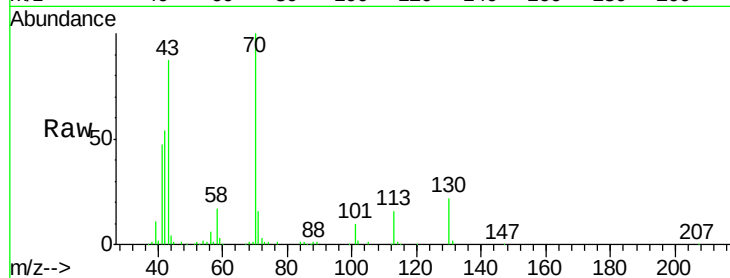
#19
n-Nitroso-di-n-propylamine
Concen: 42.997 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampled :
PB98583BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.2	70.8
101	10.3	7.2	10.8
130	21.7	15.9	23.9

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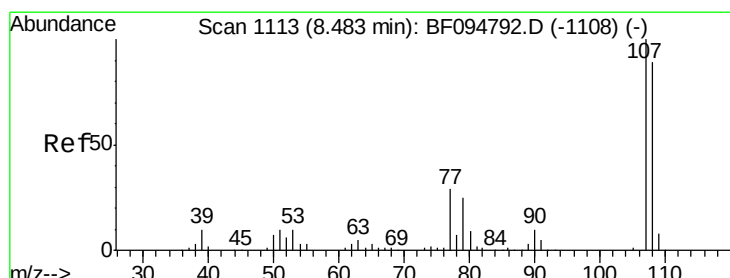
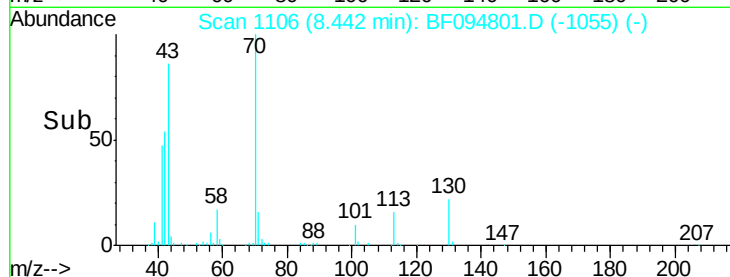
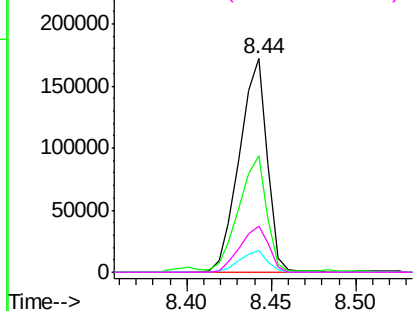
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 44.633 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.0	111.0
77	29.8	90.5	130.5#
79	25.4	8.4	48.4

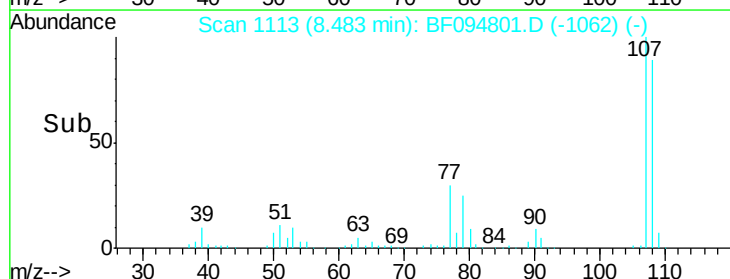
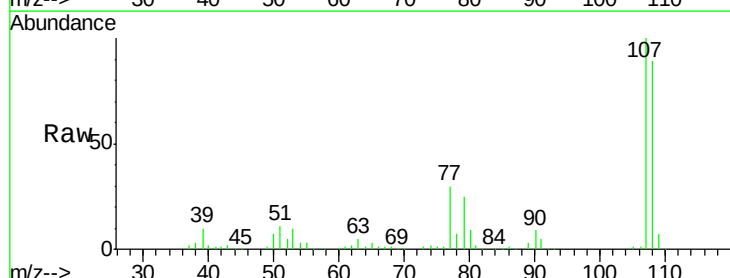
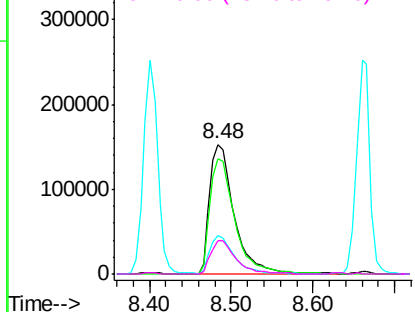
Abundance

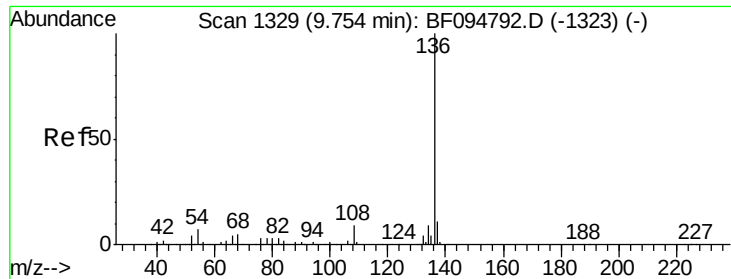
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

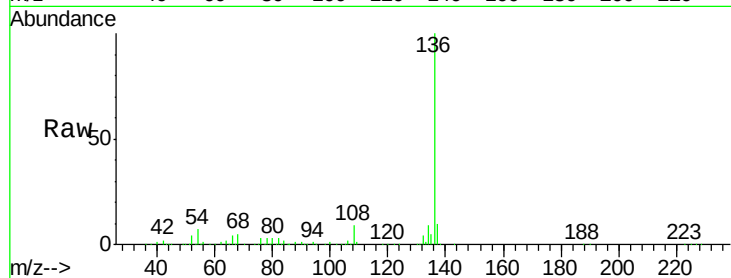
ClientSampleId :

PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	394644		
137	10.3	8.5	12.7	
54	6.8	4.9	7.3	
68	5.0	4.1	6.1	

Manual Integrations
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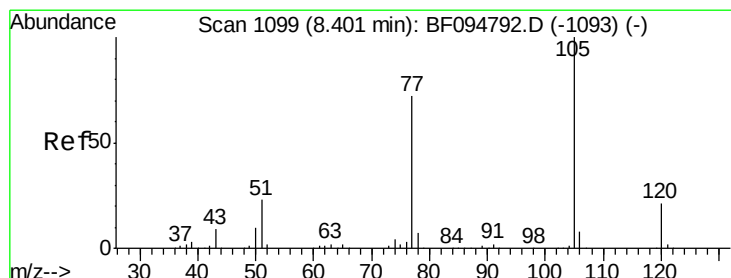
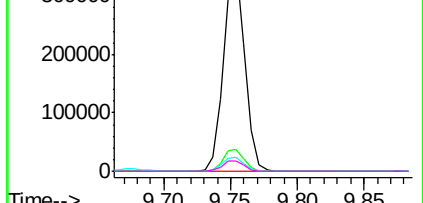
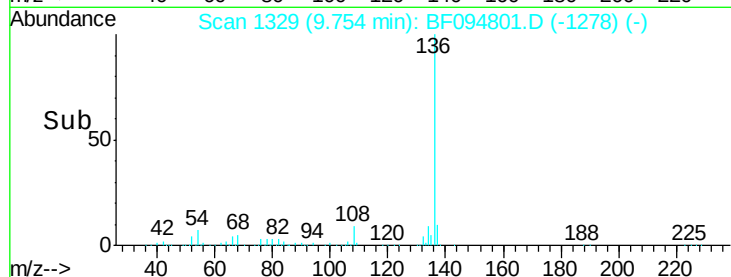
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



#22

Acetophenone

Concen: 44.553 ng

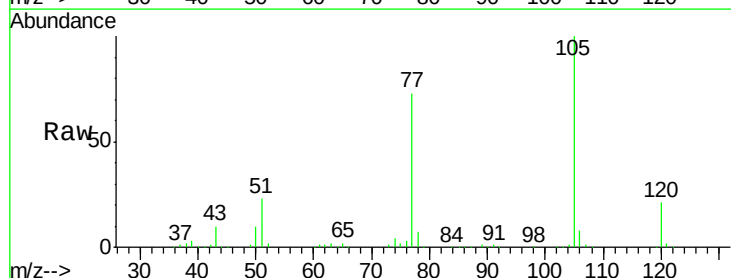
RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	421853		
71	0.0	2.8	4.2#	
51	23.2	30.7	46.1#	
120	21.2	17.4	26.0	



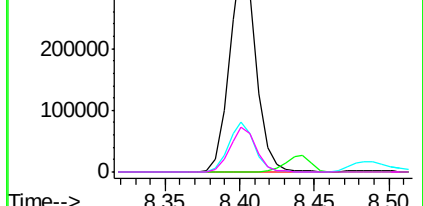
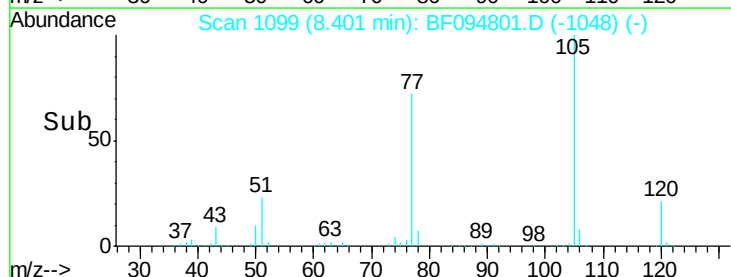
Abundance Ion 105.00 (104.70 to 105.70): E

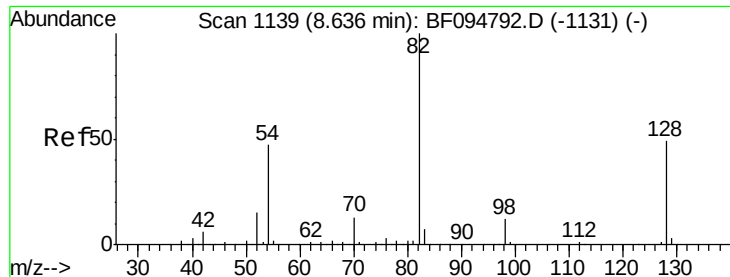
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->





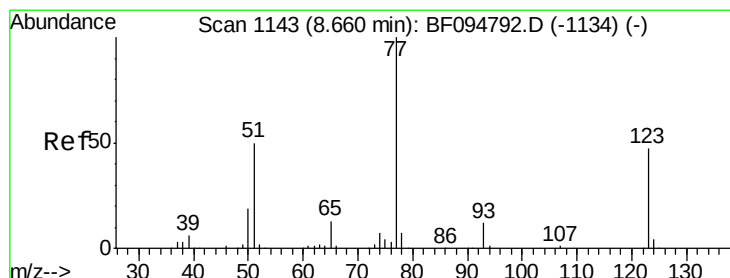
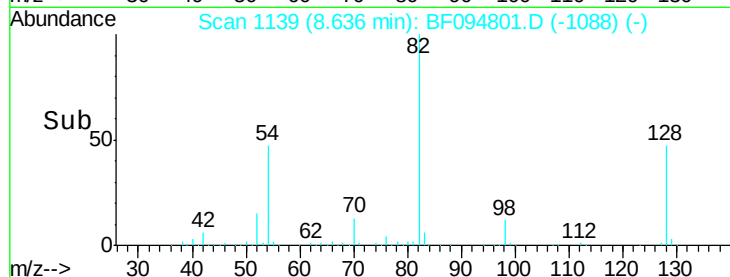
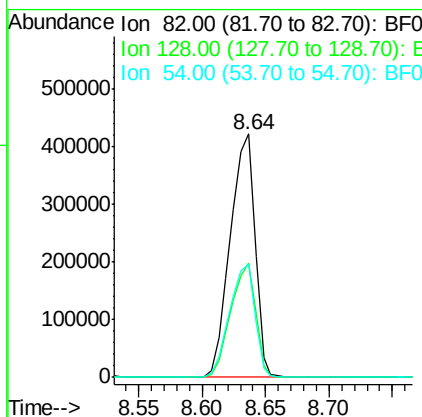
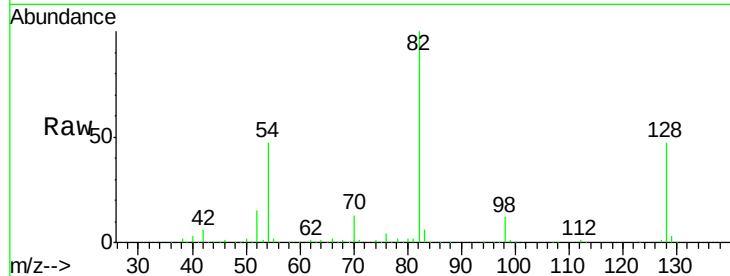
#23
 Nitrobenzene-d5
 Concen: 91.262 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleID :
 PB98583BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	46.5	42.2	63.2

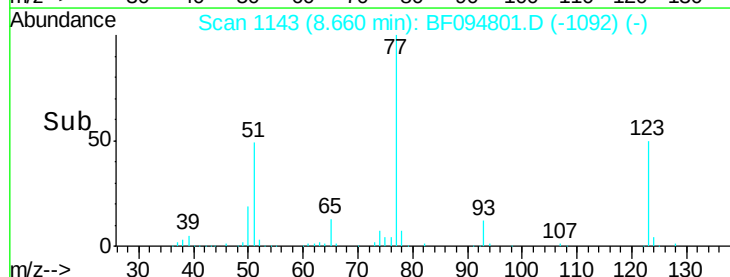
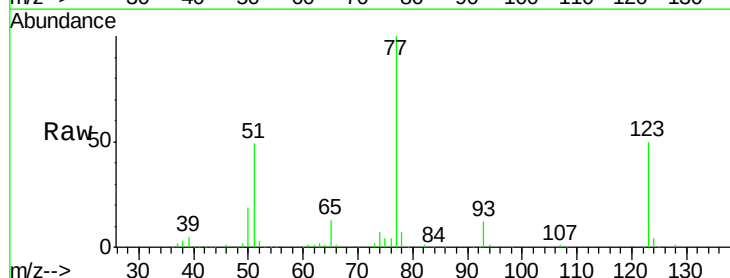
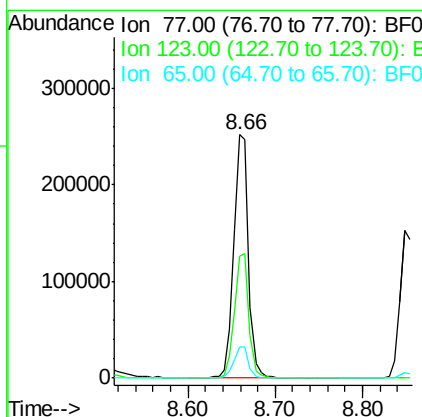
Manual Integrations
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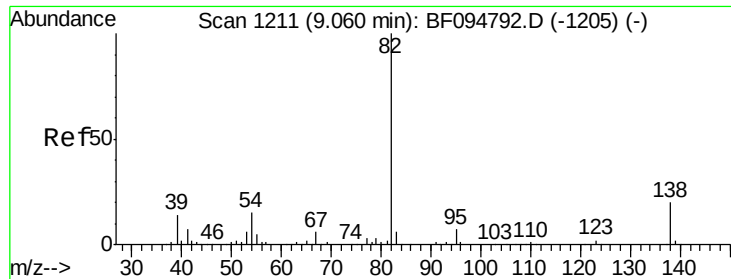
mohammad
 5/4/2017 1:44:07 PM



#24
 Nitrobenzene
 Concen: 44.257 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	35.8	53.8
65	12.9	10.6	15.8





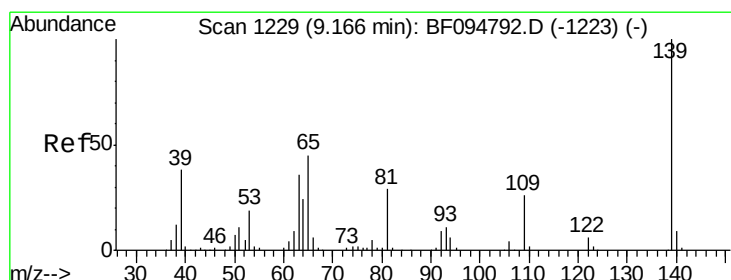
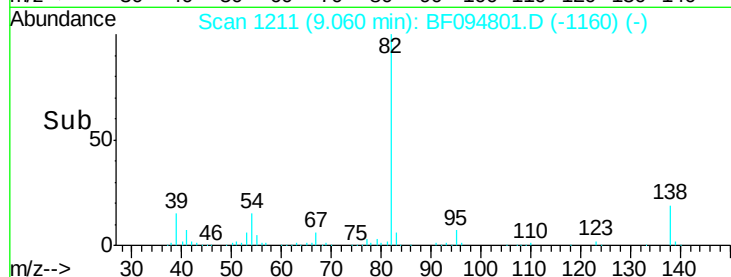
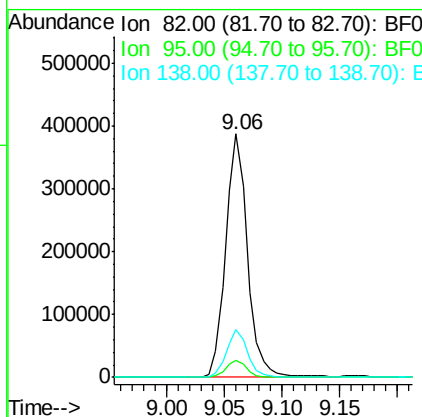
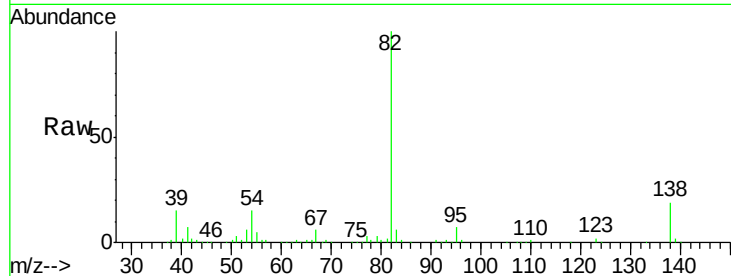
#25
Isophorone
Concen: 45.281 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	506017		
95	6.8	5.3	7.9	
138	19.4	13.1	19.7	

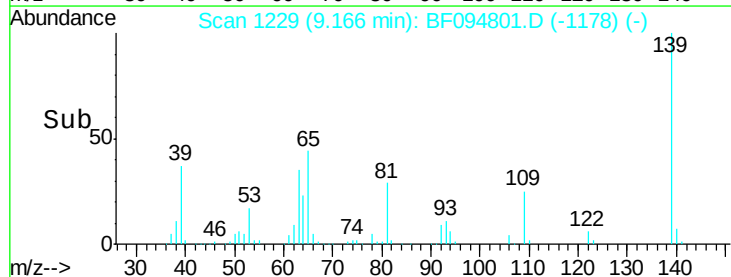
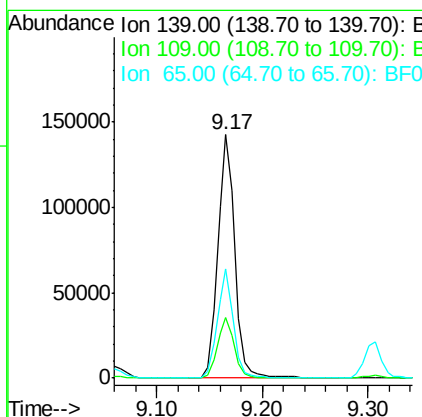
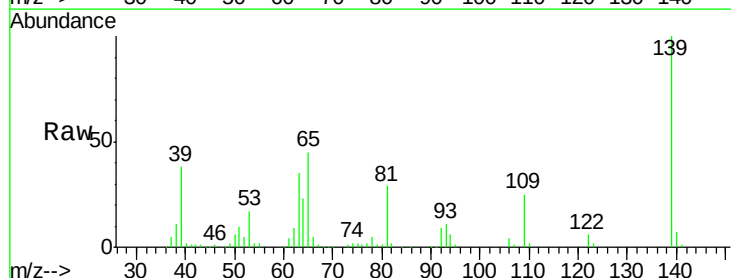
Manual Integrations
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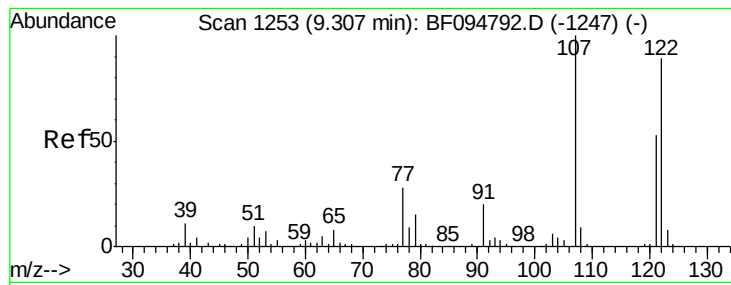
mohammad
5/4/2017 1:44:07 PM



#26
2-Nitrophenol
Concen: 45.707 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	161789		
109	24.7	21.0	31.6	
65	44.9	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 46.816 ng

RT: 9.31 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

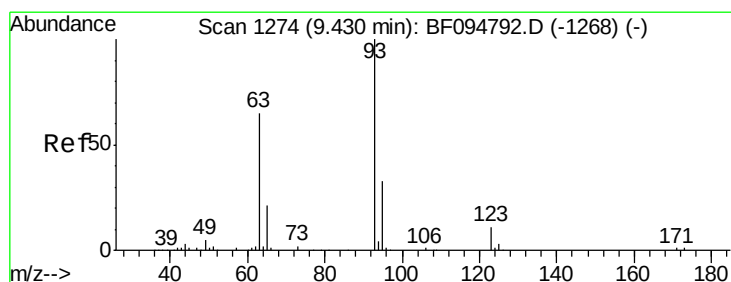
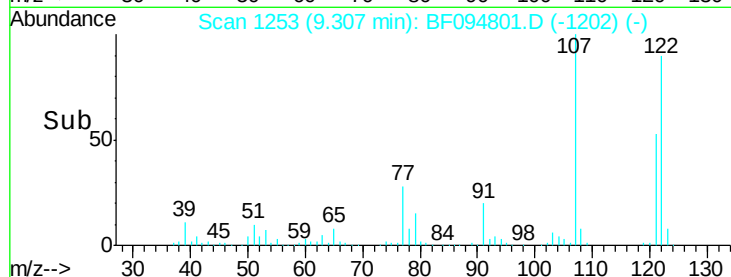
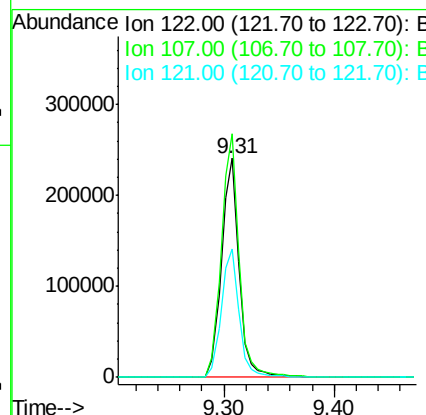
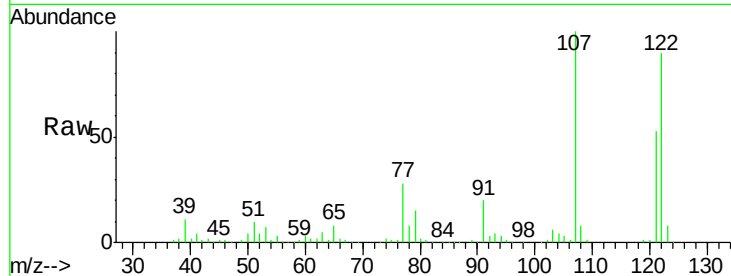
ClientSampleId :

PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	267923		
107	111.1	89.2	133.8	
121	58.8	45.2	67.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 44.022 ng

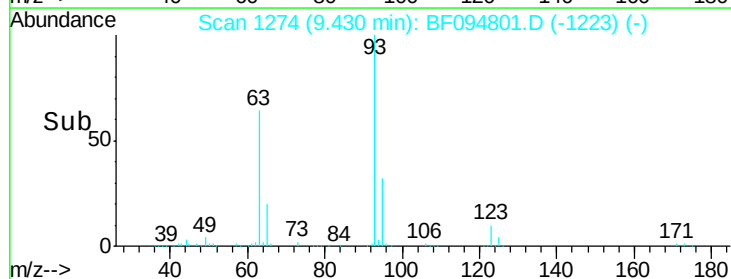
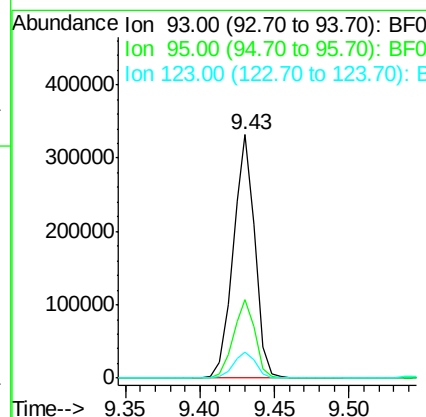
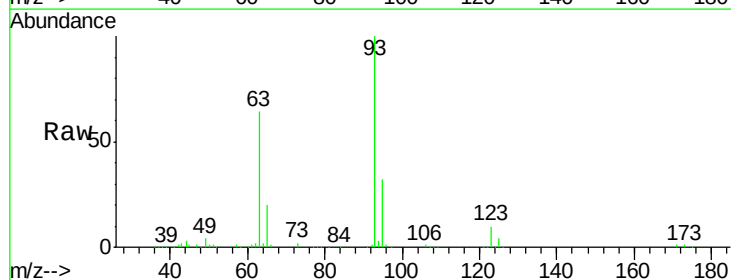
RT: 9.43 min Scan# 1274

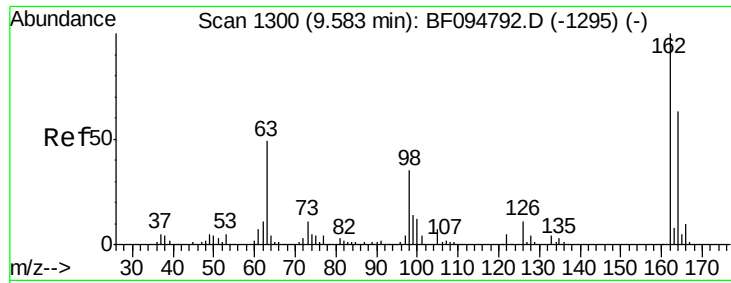
Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	340319		
95	32.5	26.5	39.7	
123	10.5	9.0	13.4	





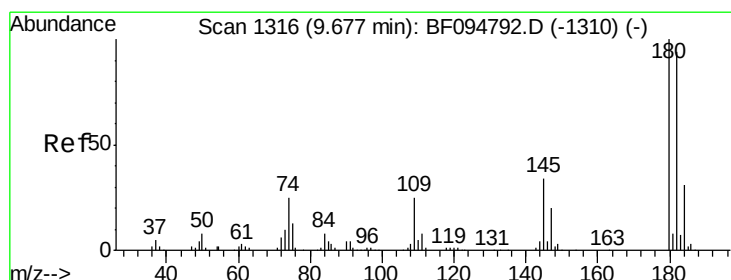
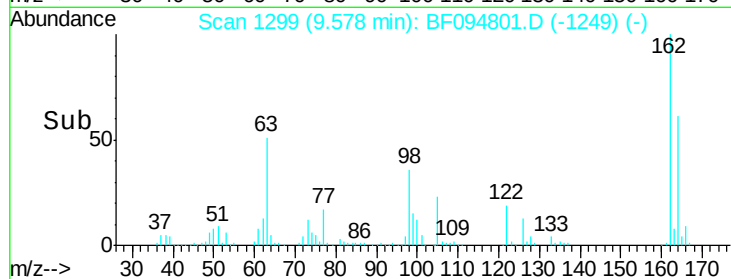
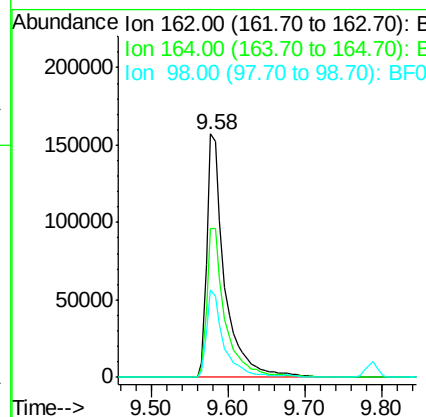
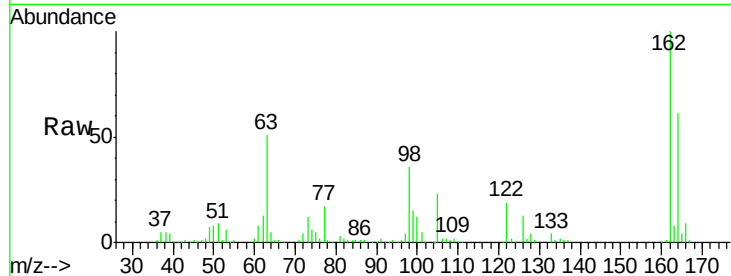
#29
 2,4-Dichlorophenol
 Concen: 46.945 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.0	44.6	84.6
98	35.8	14.8	54.8

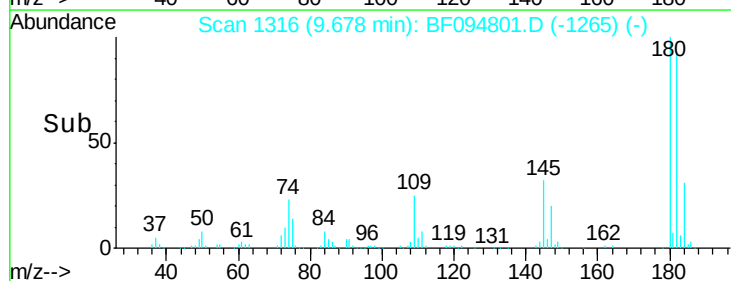
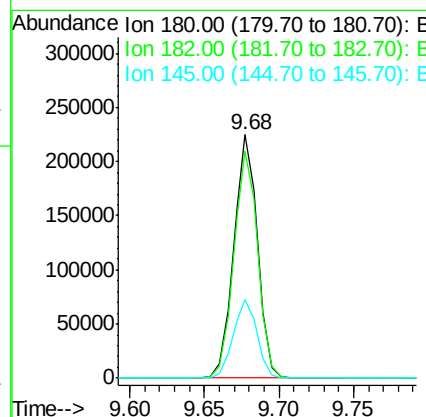
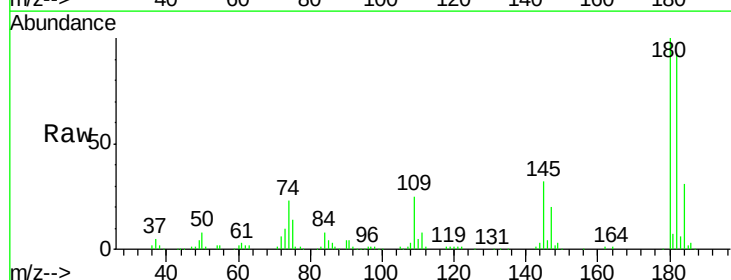
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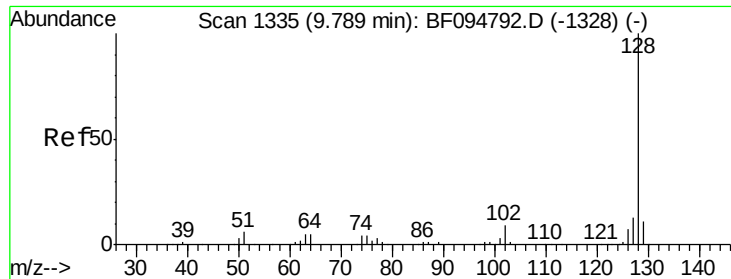
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.250 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	75.8	113.6
145	32.0	25.3	37.9





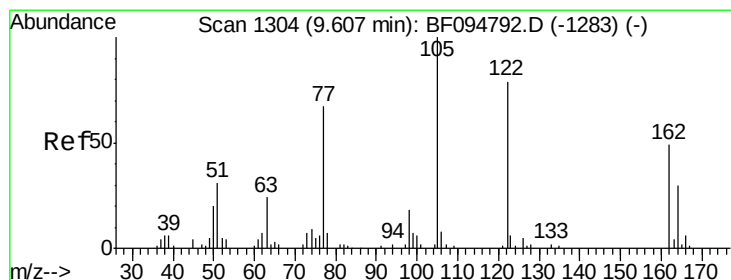
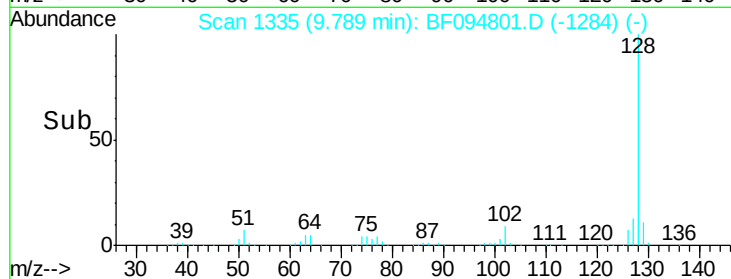
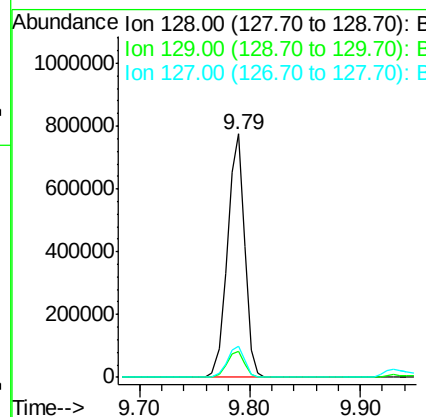
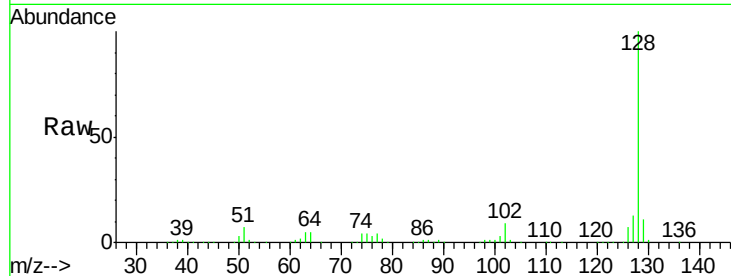
#31
Naphthalene
Concen: 42.635 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	845642		
129	10.9	9.0	13.6	
127	13.0	10.8	16.2	

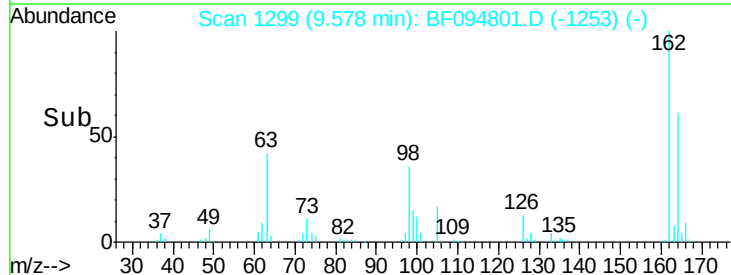
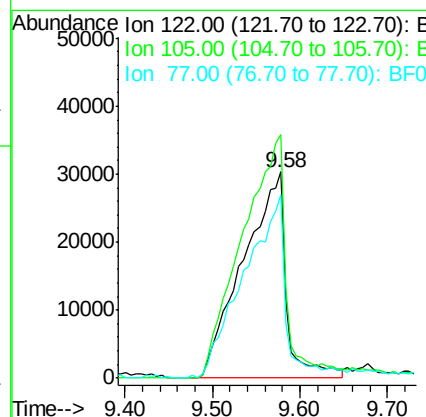
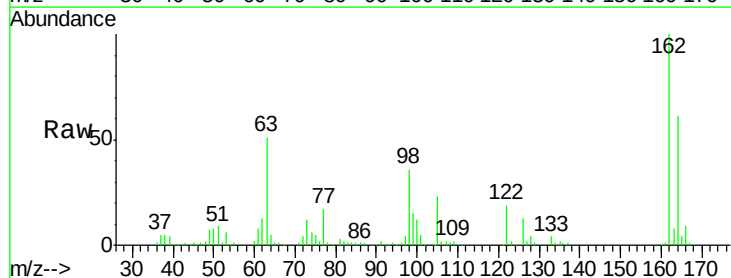
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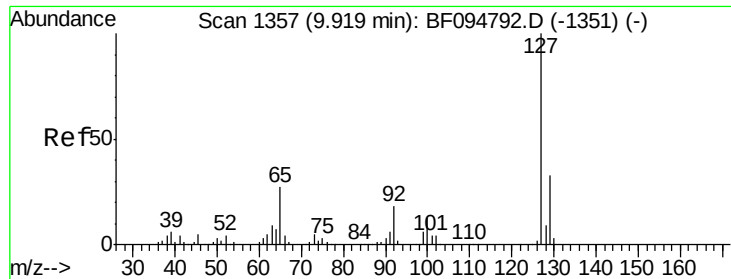
mohammad
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#32
Benzoic acid
Concen: 29.400 ng
RT: 9.58 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102195		
105	118.1	103.3	143.3	
77	88.7	73.7	113.7	





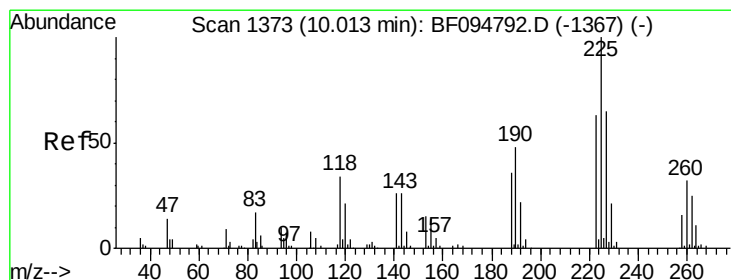
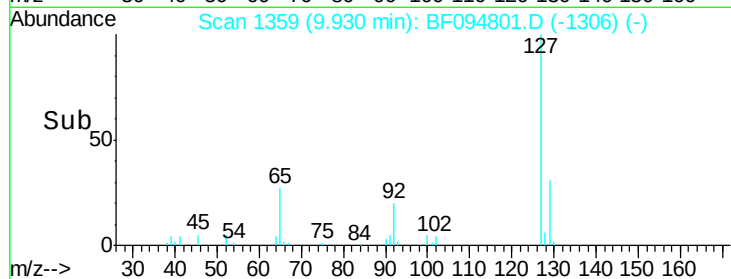
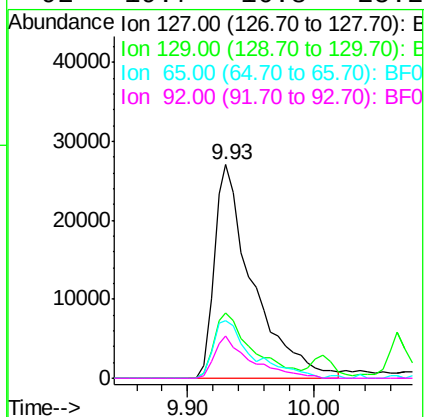
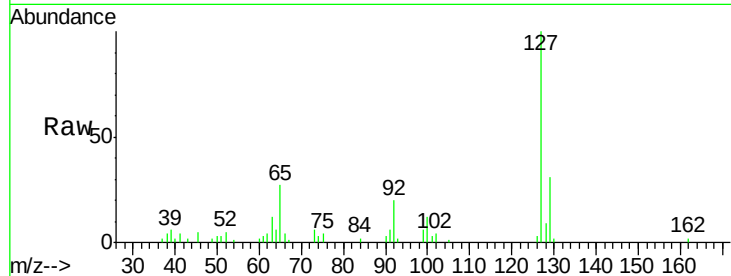
#33
4-Chloroaniline
Concen: 7.715 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.2	39.2
65	27.0	27.8	41.8
92	19.7	16.8	25.2

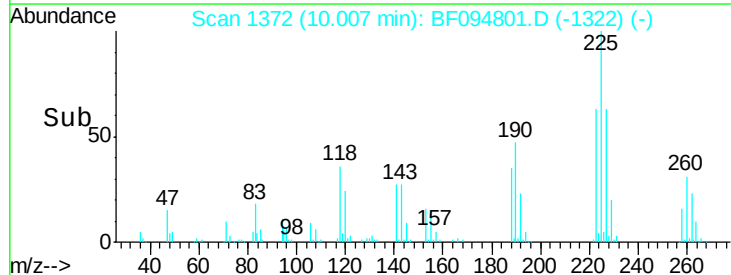
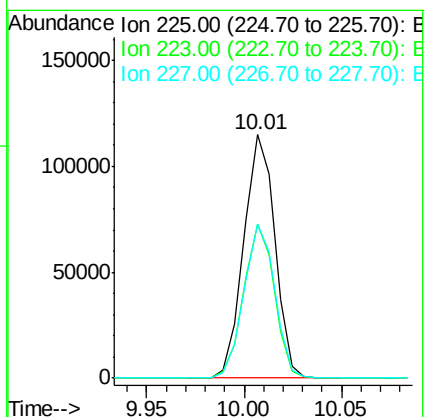
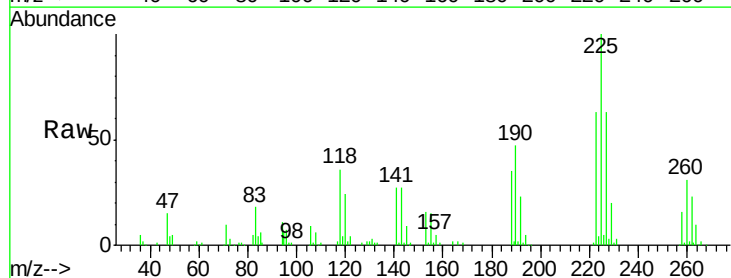
Manual Integrations
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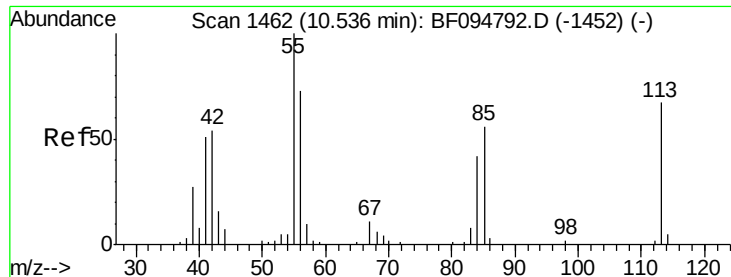
mohammad
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#34
Hexachlorobutadiene
Concen: 41.668 ng
RT: 10.01 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	63.0	51.1	76.7





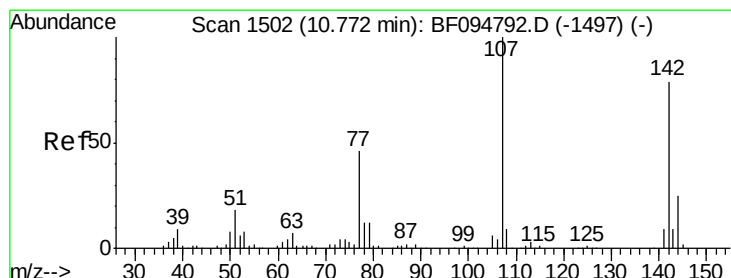
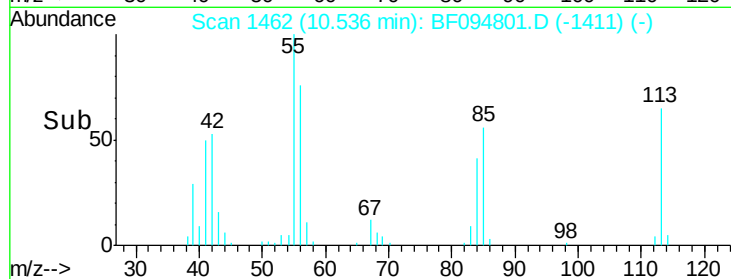
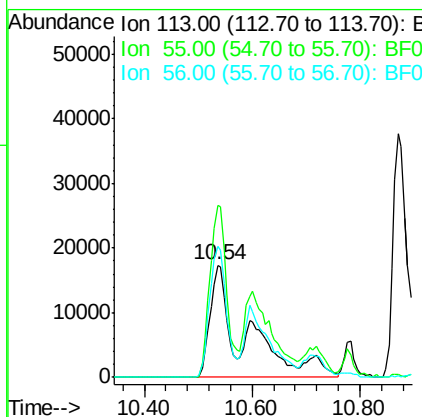
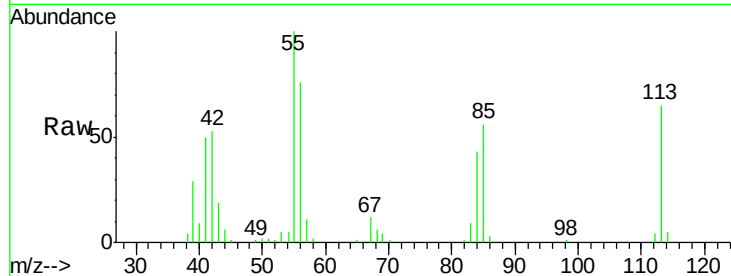
#35
 Caprolactam
 Concen: 47.161 ng m
 RT: 10.54 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampled :
 PB98583BS

Tgt Ion:113 Resp: 76524
 Ion Ratio Lower Upper
 113 100
 55 153.4 150.2 190.2
 56 117.2 107.8 147.8

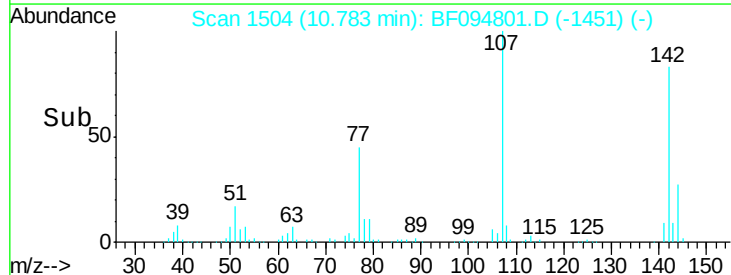
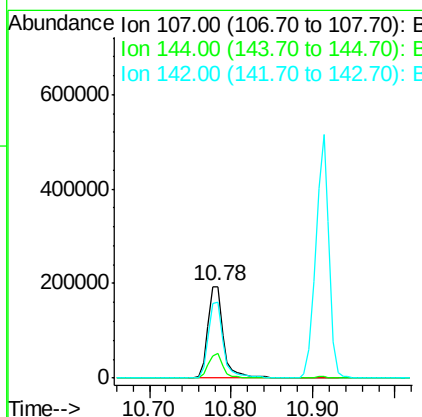
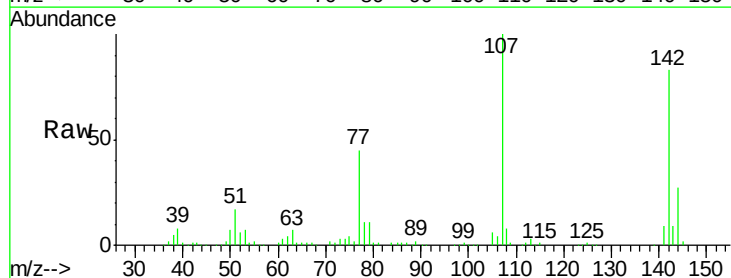
Manual Integrations
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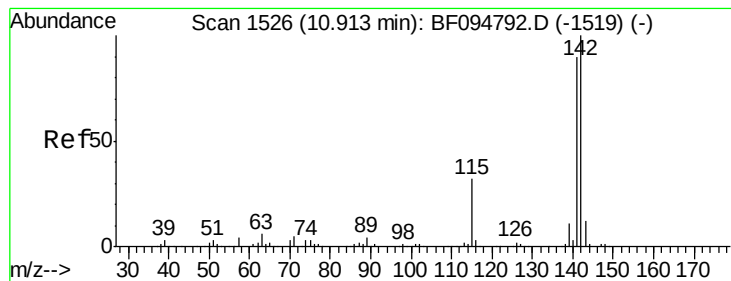
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.334 ng
 RT: 10.78 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion:107 Resp: 256136
 Ion Ratio Lower Upper
 107 100
 144 26.8 24.2 36.4
 142 83.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 44.269 ng

RT: 10.91 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

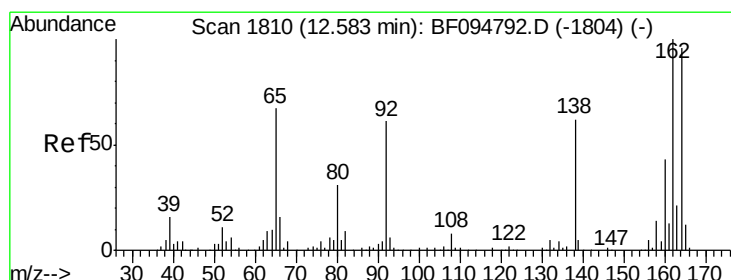
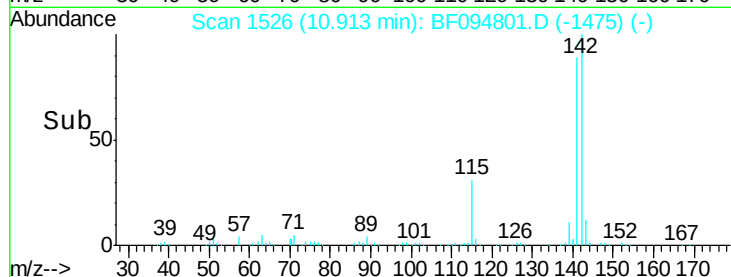
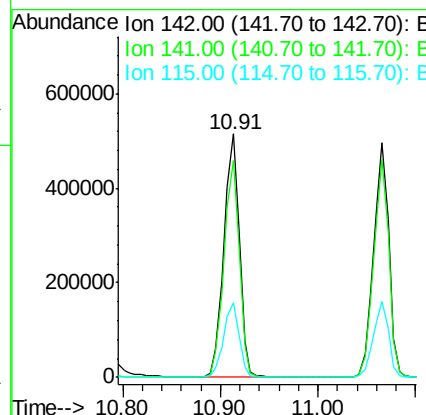
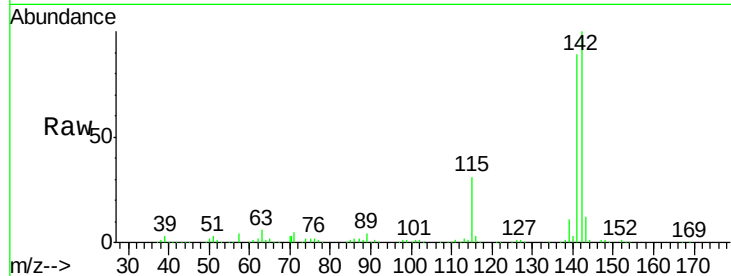
ClientSampleId :

PB98583BS

Tgt Ion:	142	Resp:	576271
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.3	106.9
115	30.6	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

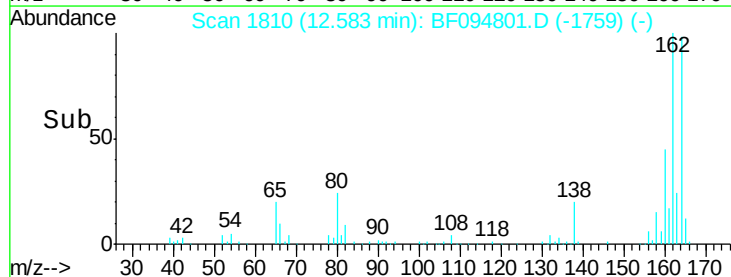
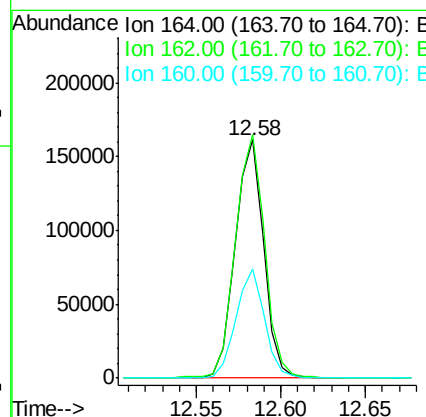
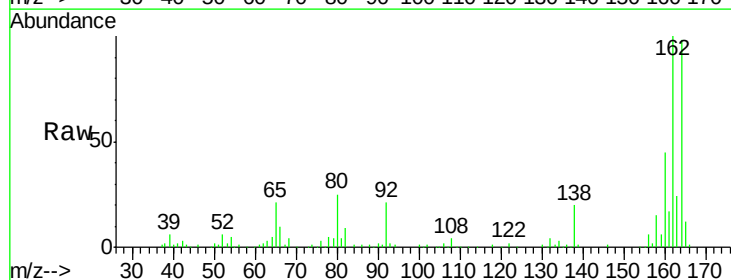
RT: 12.58 min Scan# 1810

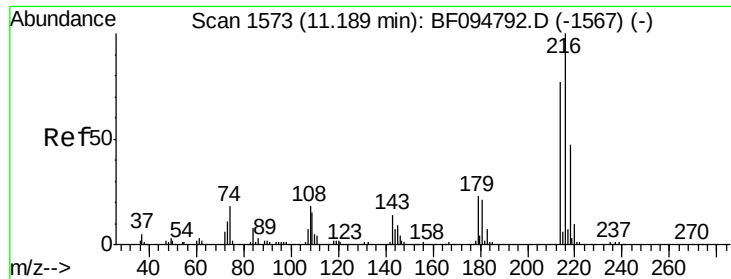
Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion:	164	Resp:	187894
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.6	123.8
160	45.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.667 ng

RT: 11.19 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

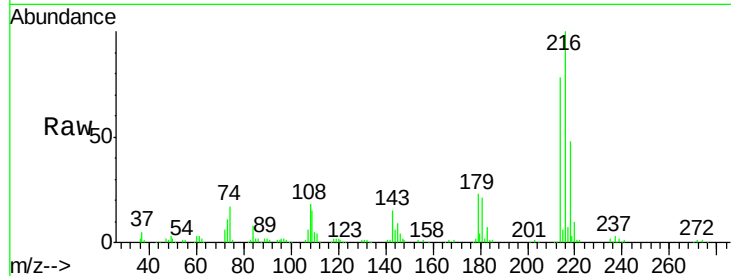
ClientSampleId :

PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	229204		
214	78.3	63.4	95.2	
179	22.1	17.9	26.9	
108	20.3	16.5	24.7	

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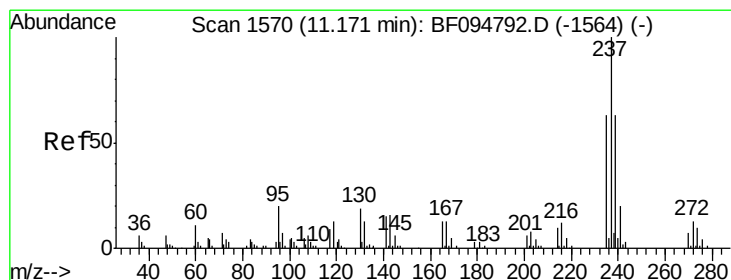
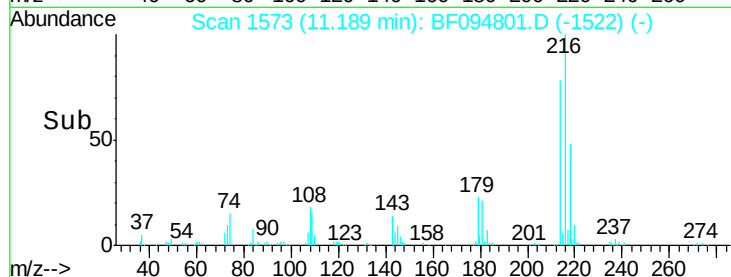
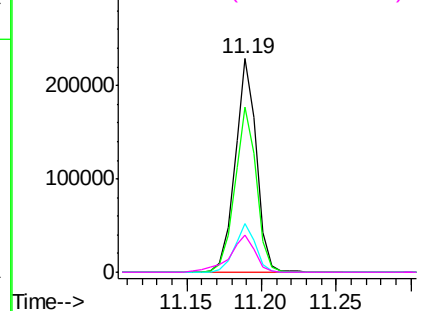


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.520 ng

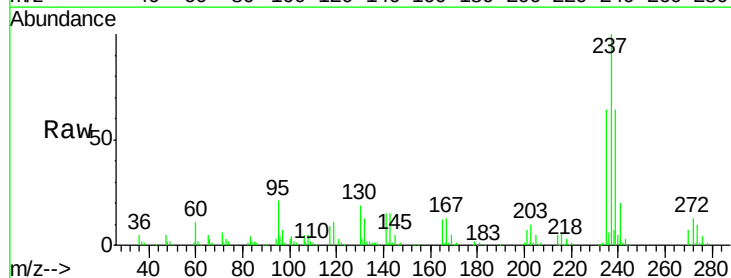
RT: 11.17 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

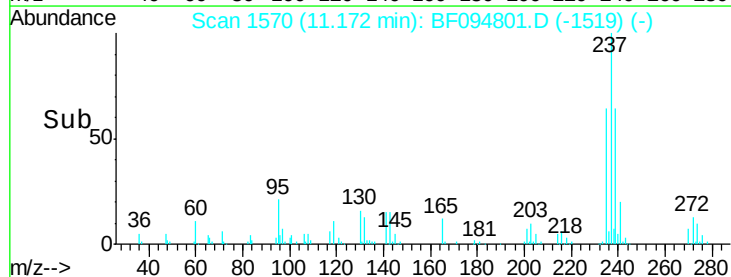
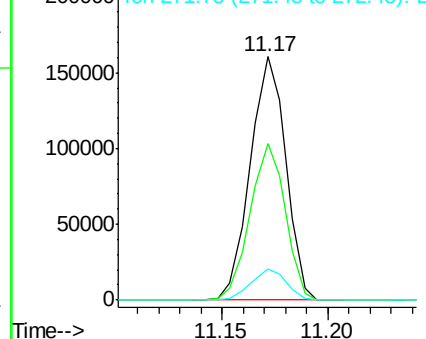
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	187812		
235	64.2	42.6	82.6	
272	12.7	0.0	31.9	

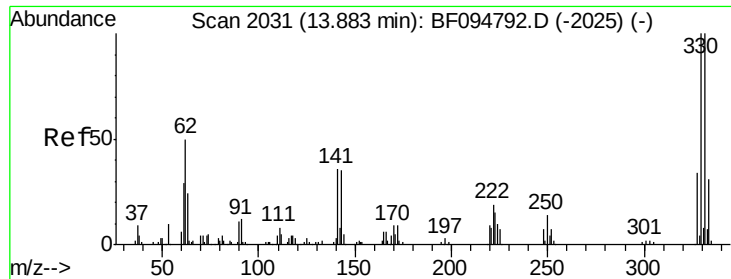


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





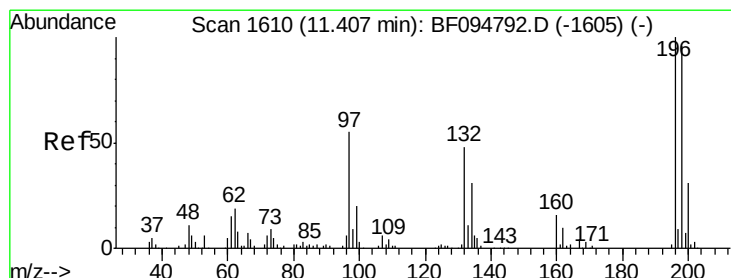
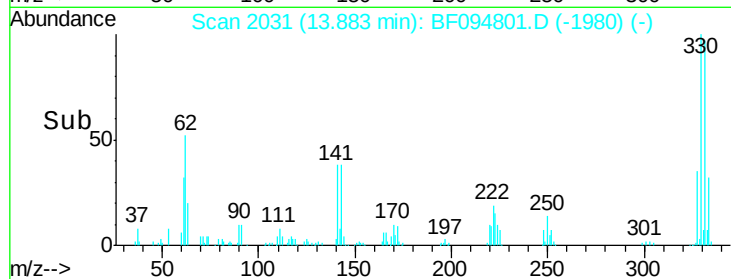
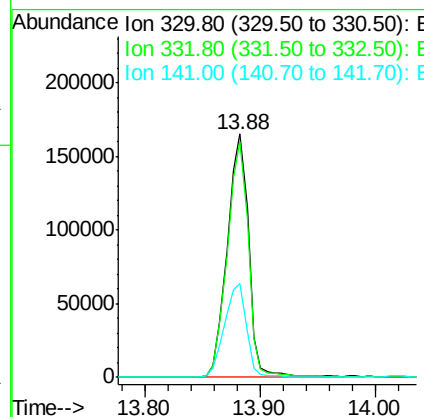
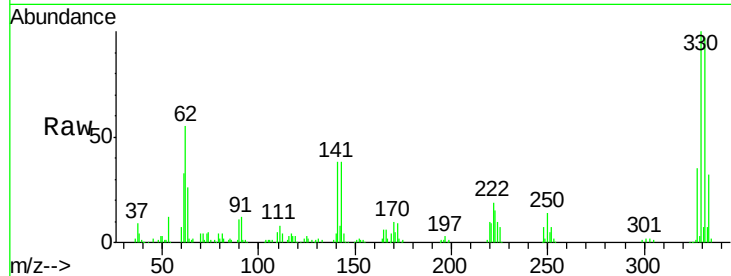
#41
 2,4,6-Tribromophenol
 Concen: 138.895 ng
 RT: 13.88 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	213730		
332	95.9	76.6	115.0	
141	39.9	31.4	47.2	

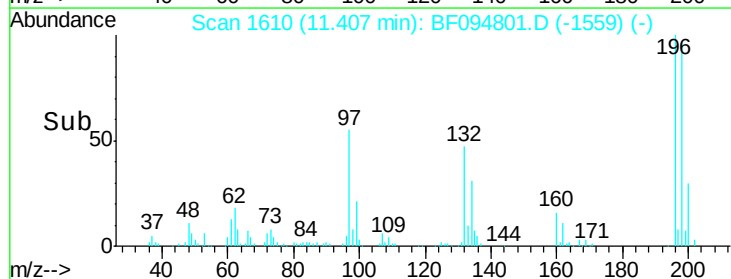
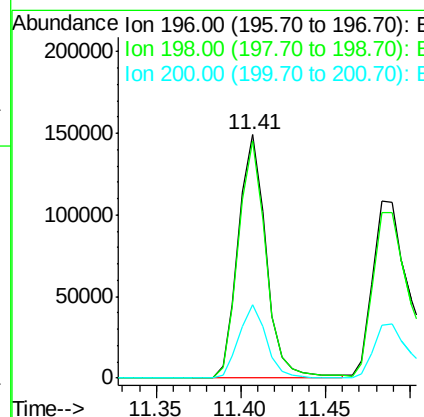
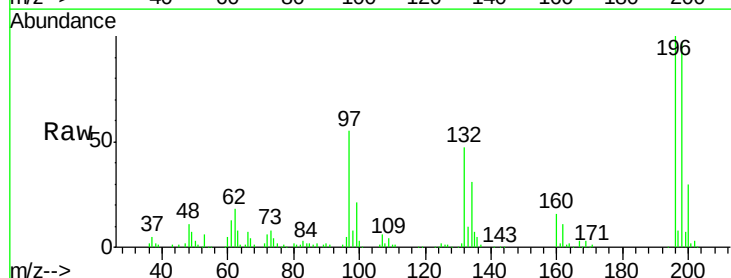
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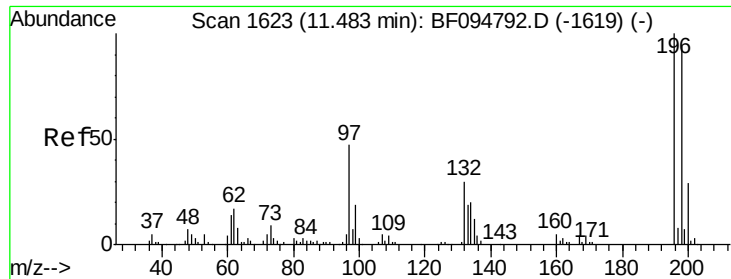
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 44.453 ng
 RT: 11.41 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171497		
198	97.3	74.2	111.4	
200	30.2	24.0	36.0	





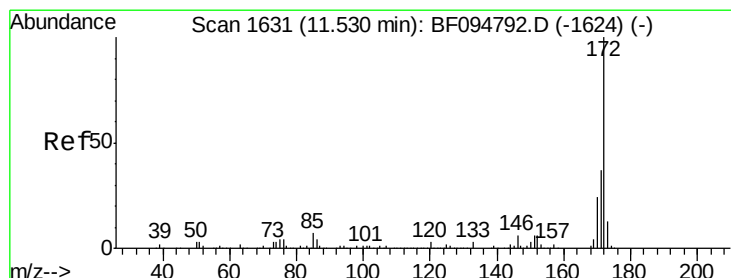
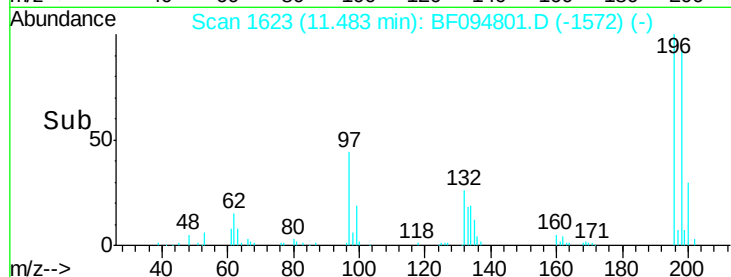
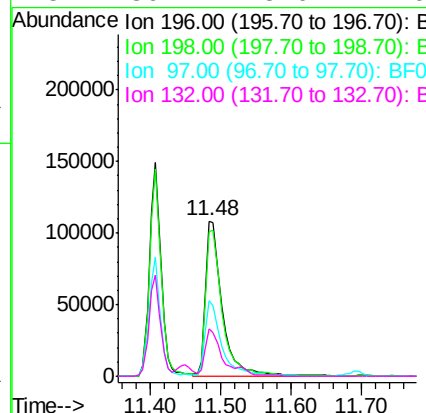
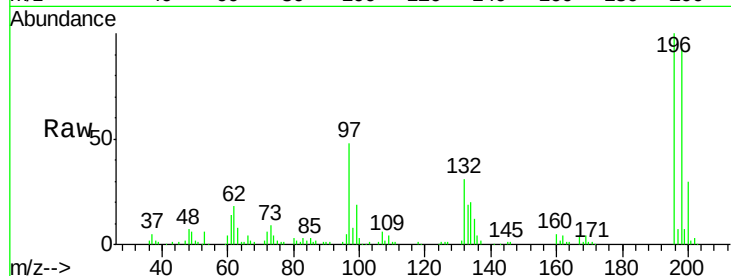
#43
 2,4,5-Trichlorophenol
 Concen: 43.796 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion:	196	Resp:	181601
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.7	113.5
97	48.4	47.7	71.5
132	30.7	28.0	42.0

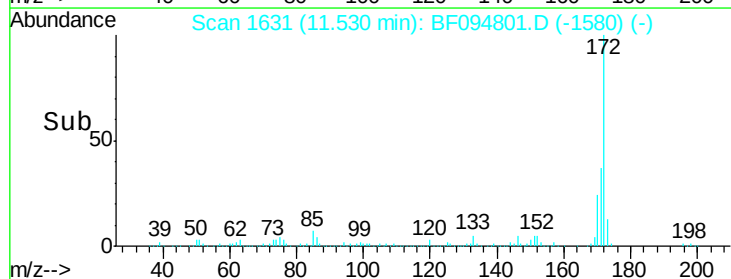
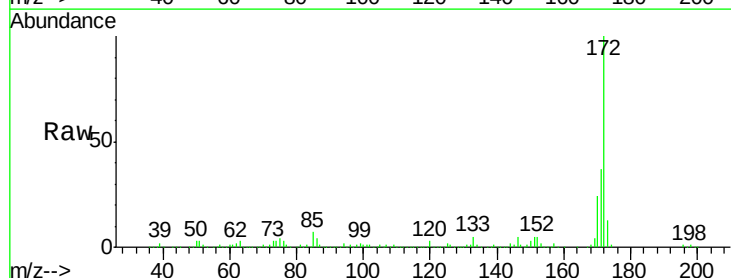
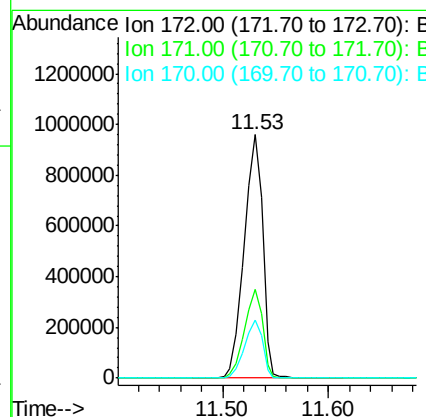
Manual Integrations
 APPROVED

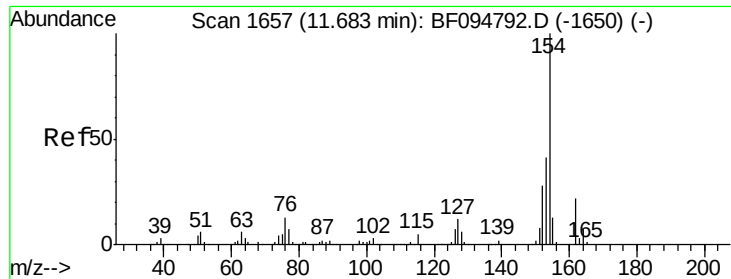
mohammad
 5/4/2017 1:44:07 PM



#44
 2-Fluorobiphenyl
 Concen: 88.462 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion:	172	Resp:	1154803
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	23.6	19.8	29.8





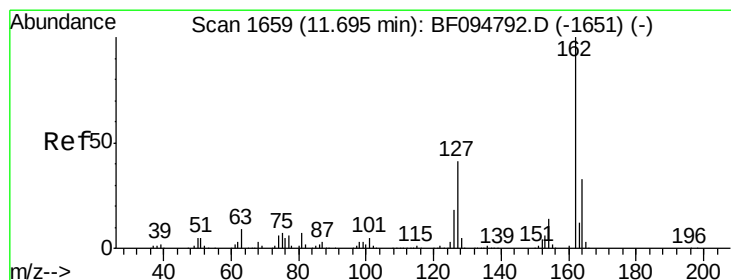
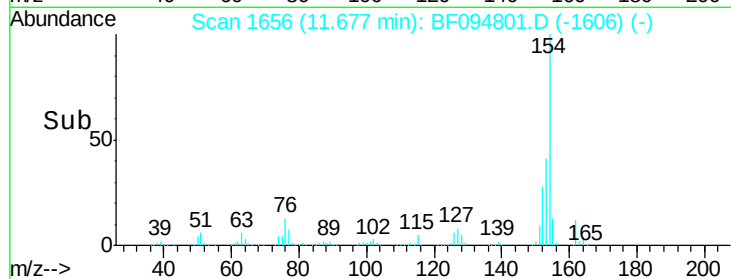
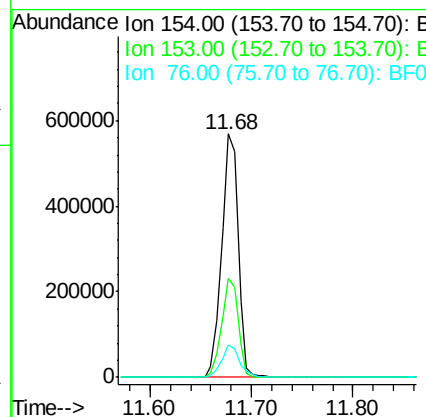
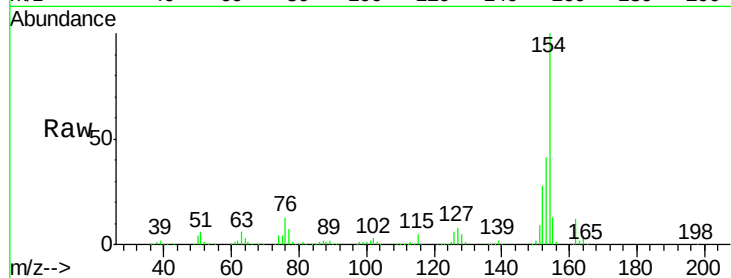
#45
 1,1'-Biphenyl
 Concen: 40.924 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.3	0.0	29.9

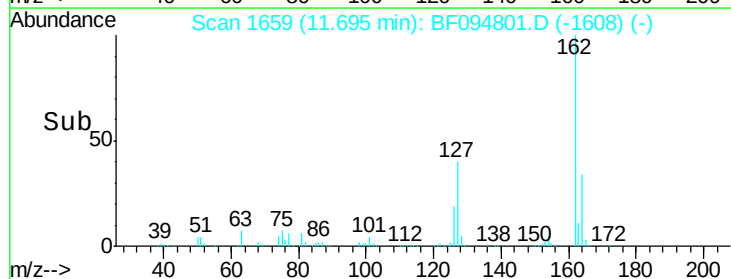
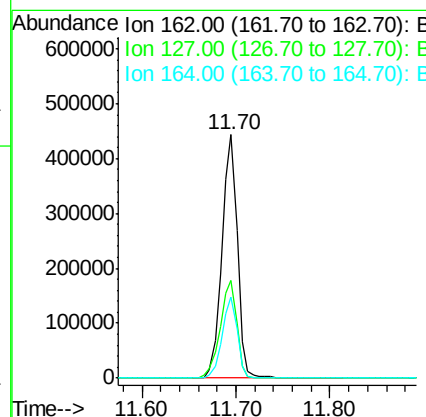
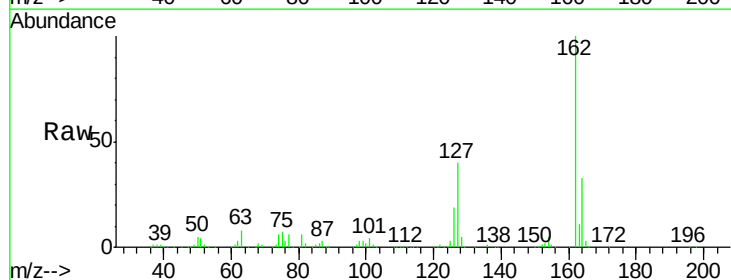
Manual Integrations
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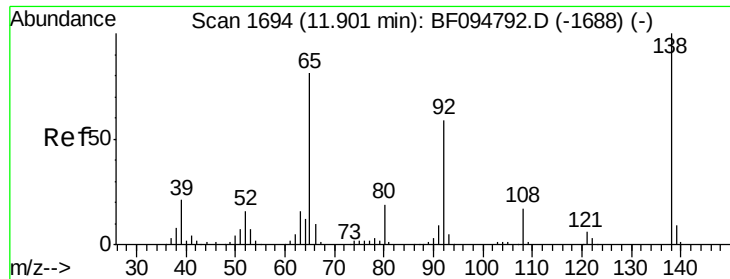
mohammad
 5/4/2017 1:44:07 PM



#46
 2-Chloronaphthalene
 Concen: 39.997 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	28.3	42.5
164	33.4	27.0	40.4





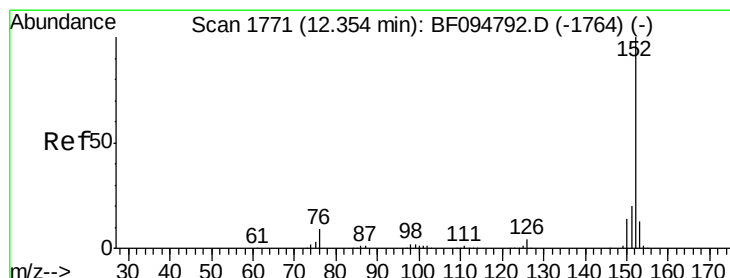
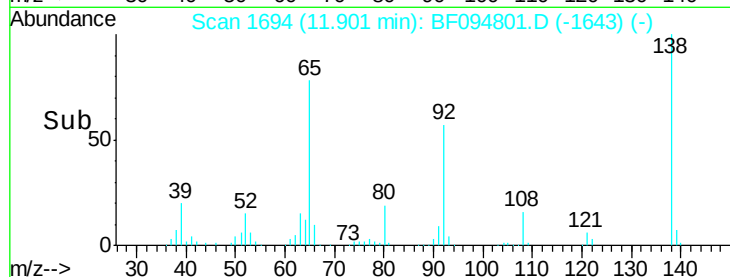
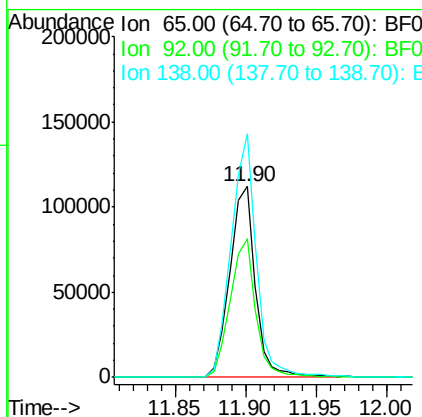
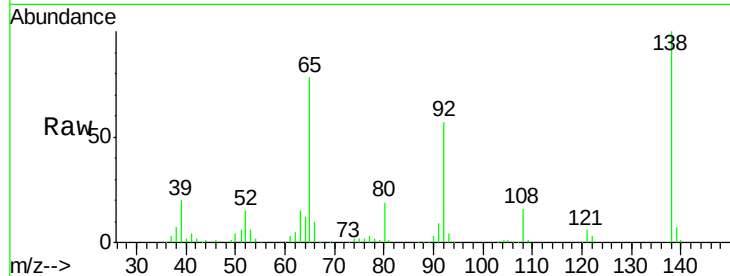
#47
 2-Nitroaniline
 Concen: 40.586 ng
 RT: 11.90 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion:	65	Resp:	141895
Ion Ratio	Lower	Upper	
65	100		
92	72.5	53.9	80.9
138	127.5	78.8	118.2

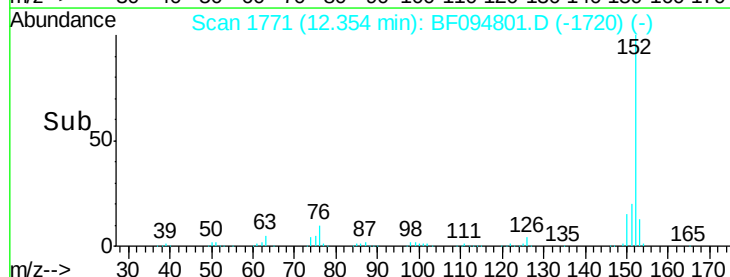
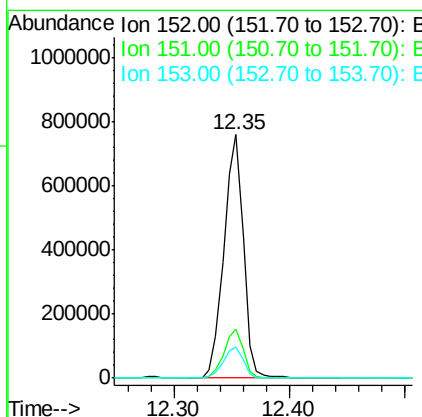
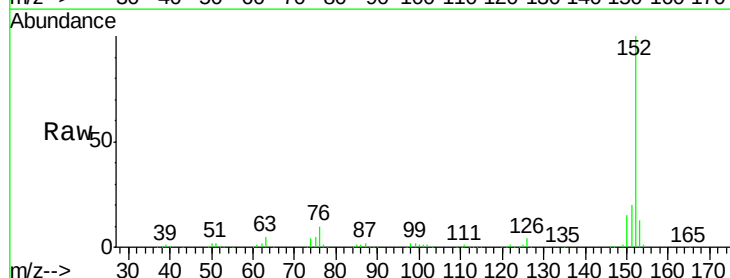
Manual Integrations
 APPROVED

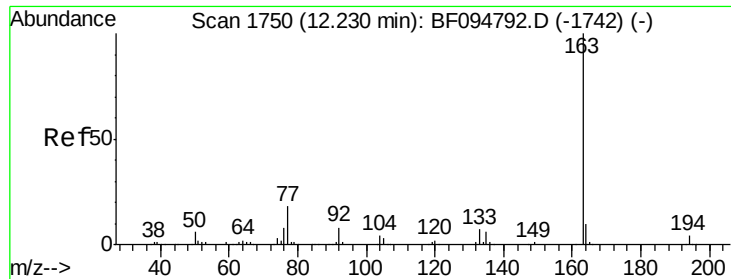
mohammad
 5/4/2017 1:44:07 PM



#48
 Acenaphthylene
 Concen: 44.255 ng
 RT: 12.35 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion:	152	Resp:	885430
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.8	25.2
153	13.0	10.8	16.2





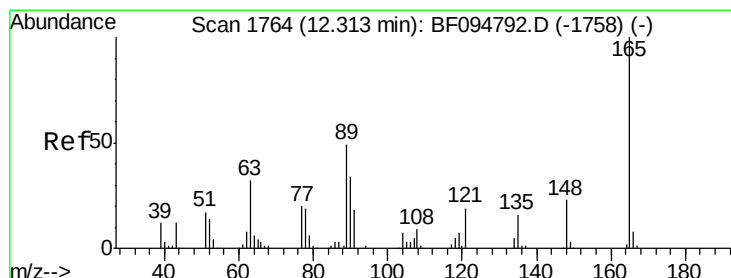
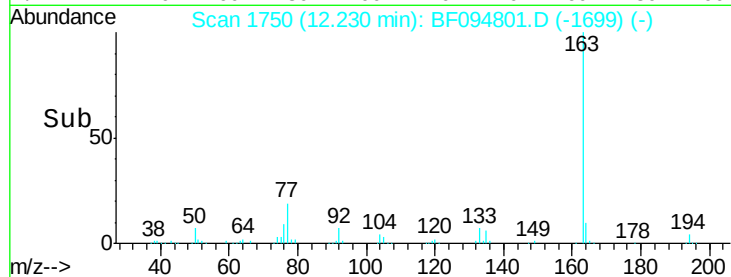
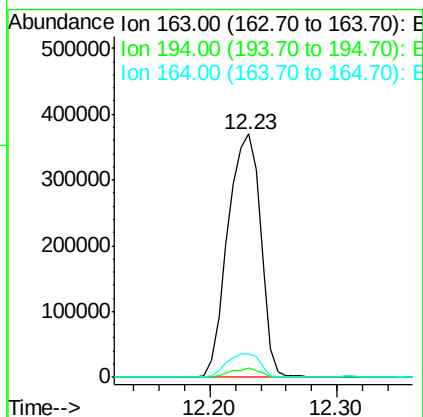
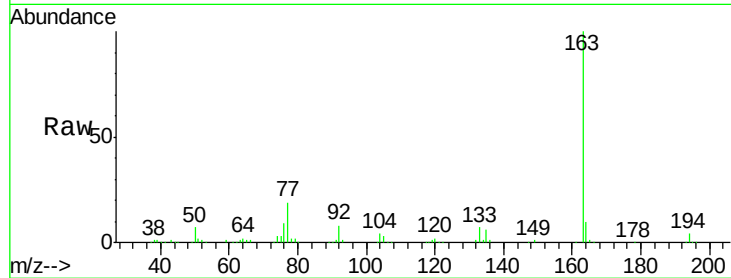
#49
Dimethylphthalate
Concen: 42.932 ng
RT: 12.23 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	662234		
194	3.7	2.6	4.0	
164	9.8	8.4	12.6	

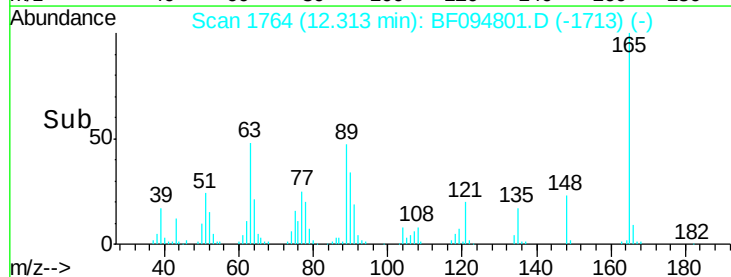
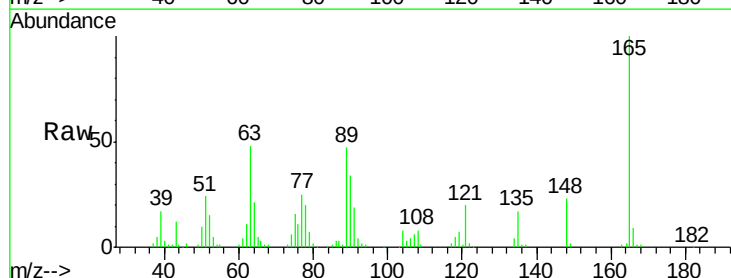
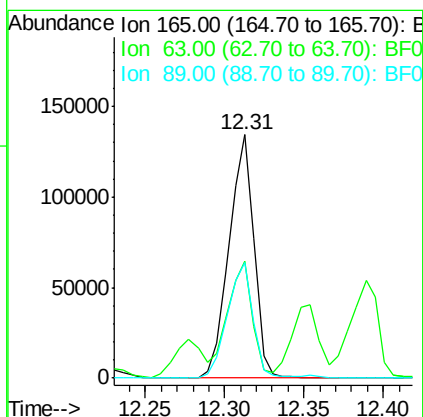
Manual Integrations
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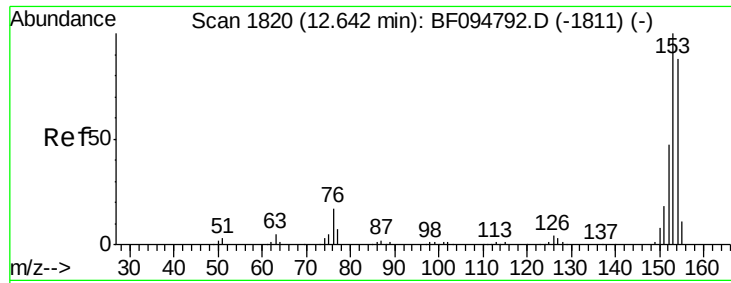
mohammad
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#50
2,6-Dinitrotoluene
Concen: 46.747 ng
RT: 12.31 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147107		
63	48.0	34.3	51.5	
89	47.4	37.1	55.7	





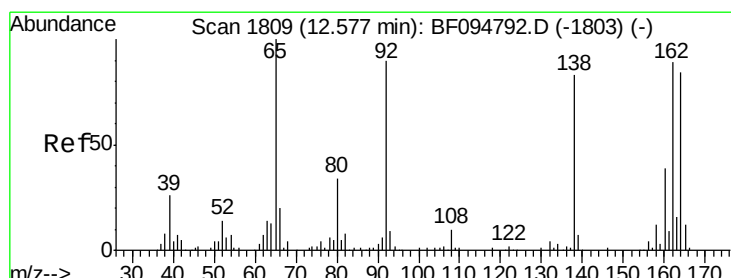
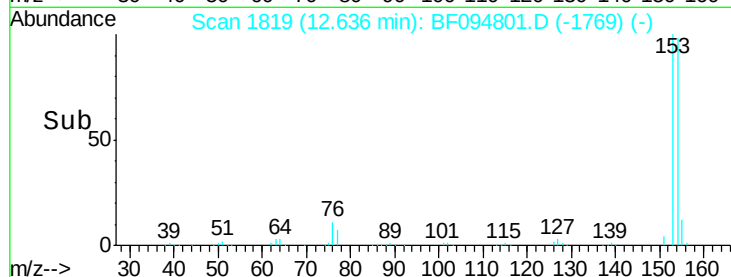
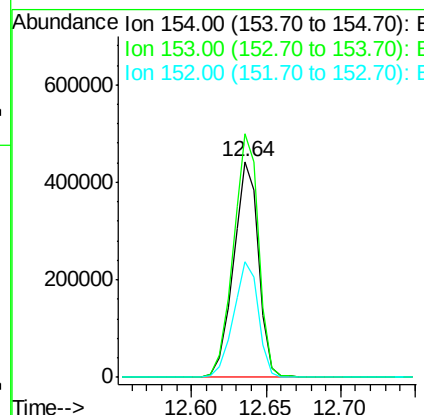
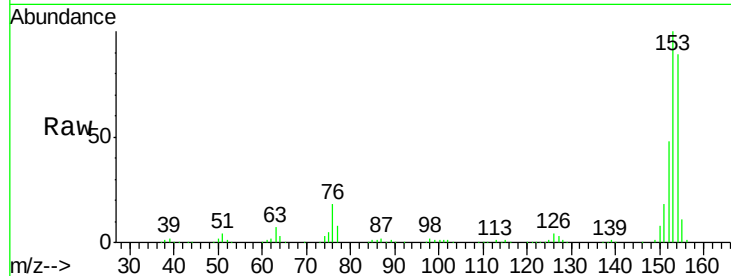
#51
Acenaphthene
Concen: 43.537 ng
RT: 12.64 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	520277		
153	112.8	90.5	135.7	
152	53.8	43.6	65.4	

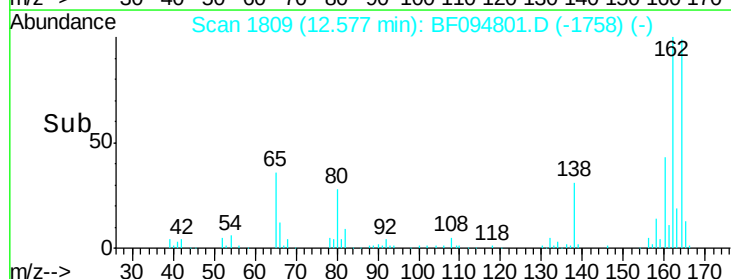
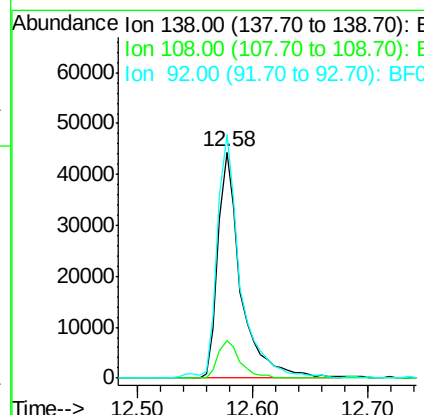
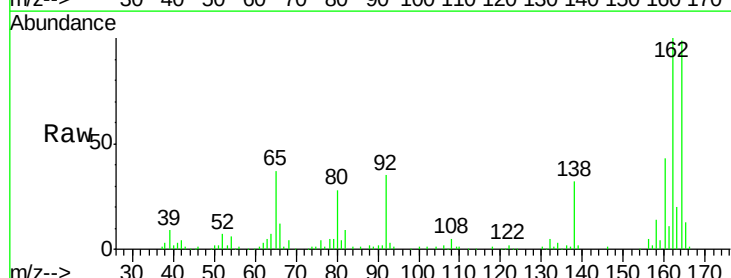
Manual Integrations
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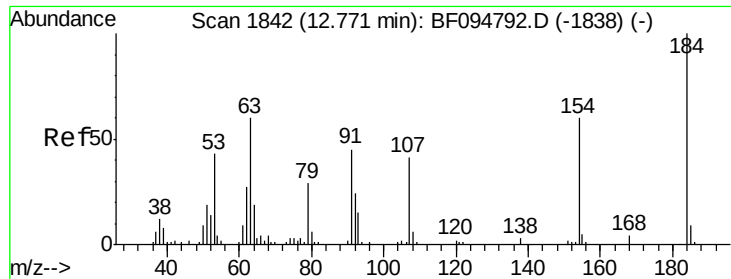
mohammad
5/4/2017 1:44:07 PM



#52
3-Nitroaniline
Concen: 18.159 ng
RT: 12.58 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	61332		
108	16.5	9.1	13.7#	
92	107.8	93.8	140.6	





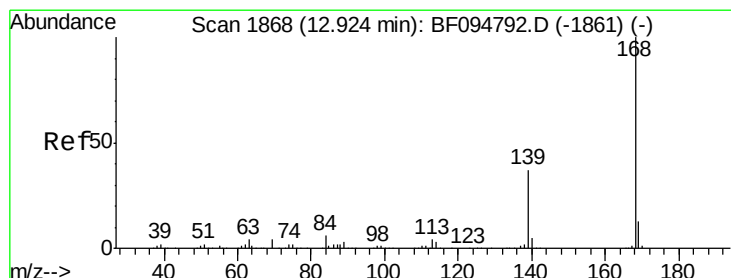
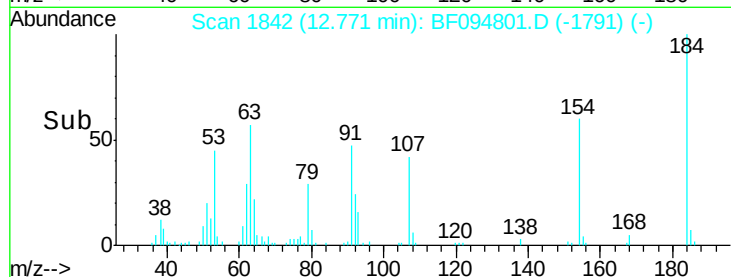
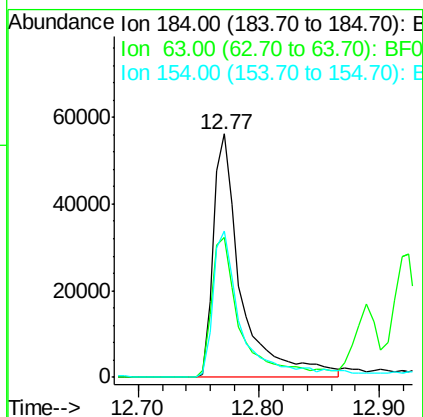
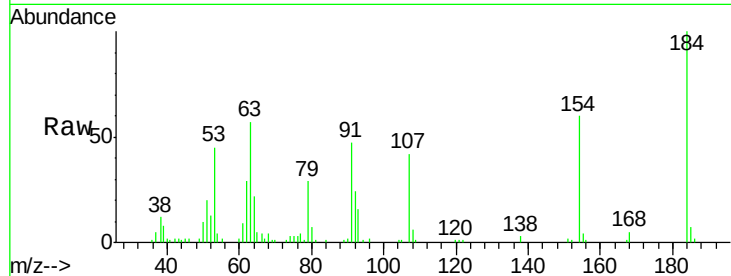
#53
2,4-Dinitrophenol
Concen: 53.779 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	89364		
63	57.4	62.7	94.1#	
154	59.9	81.1	121.7#	

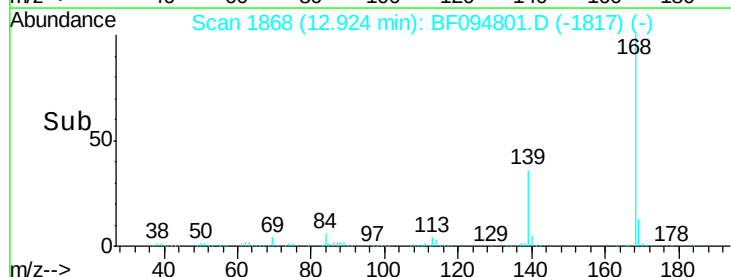
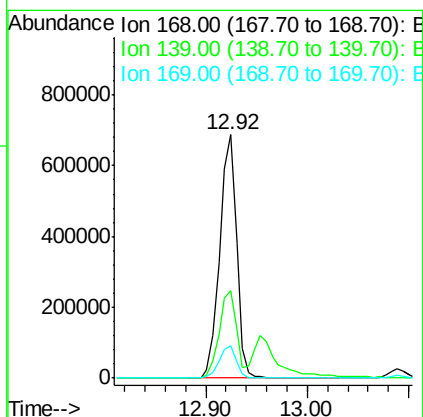
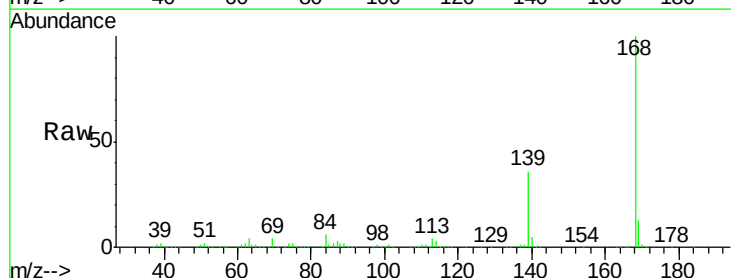
Manual Integrations
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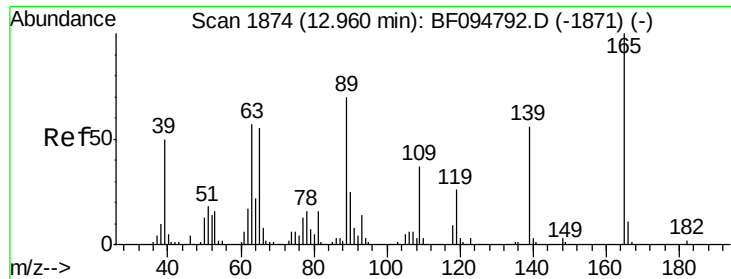
mohammad
5/4/2017 1:44:07 PM



#54
Dibenzofuran
Concen: 48.126 ng
RT: 12.92 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	795866		
139	36.1	30.6	45.8	
169	13.3	10.8	16.2	





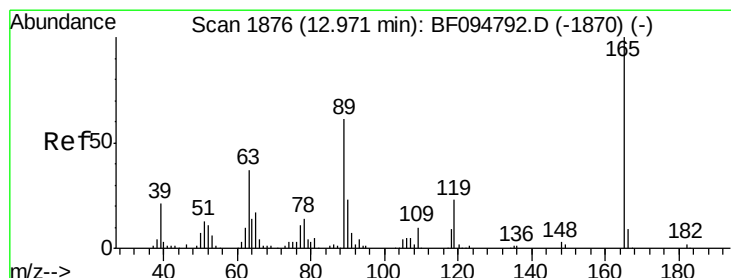
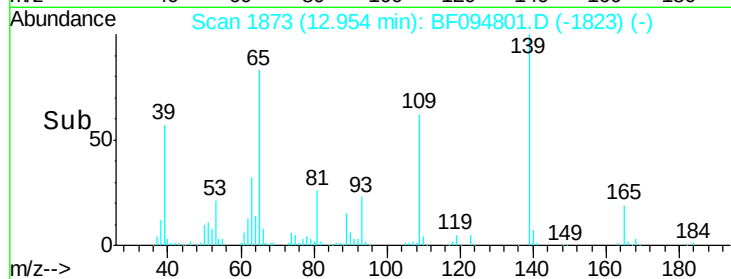
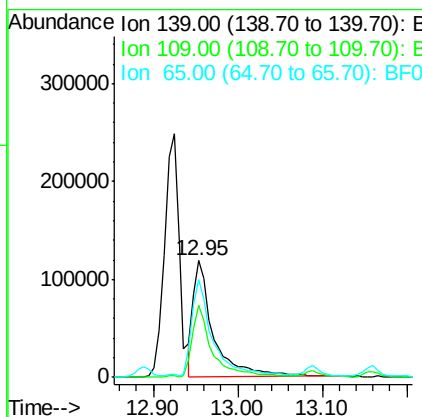
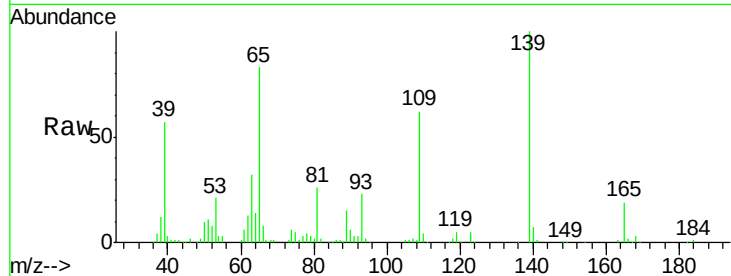
#55
4-Nitrophenol
Concen: 96.329 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	195416		
109	61.7	34.1	74.1	
65	83.3	31.4	71.4	

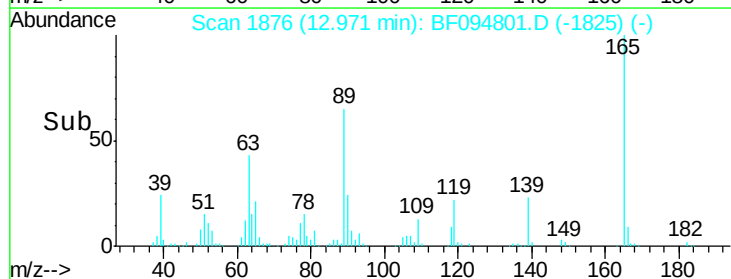
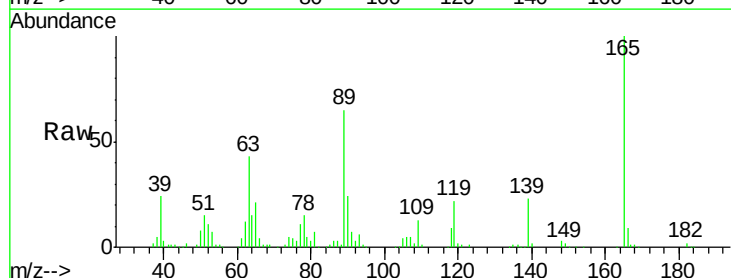
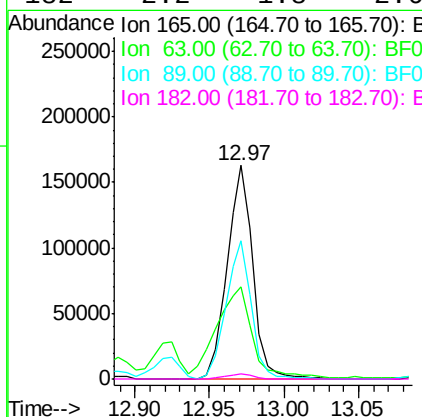
Manual Integrations
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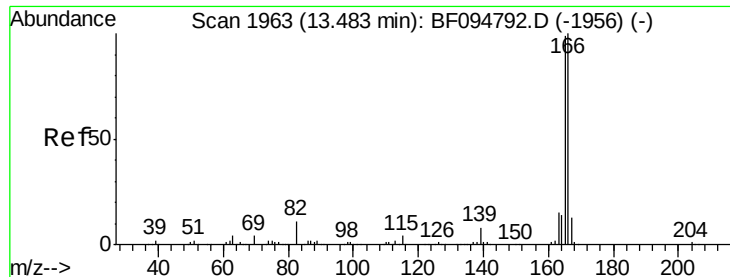
mohammad
5/4/2017 1:44:07 PM



#56
2,4-Dinitrotoluene
Concen: 48.461 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195961		
63	43.0	25.4	38.0	
89	64.5	46.4	69.6	
182	2.2	1.8	2.6	





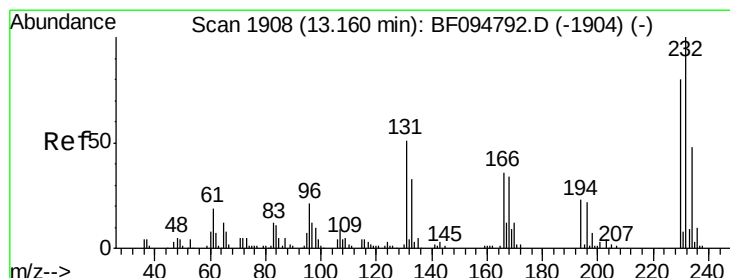
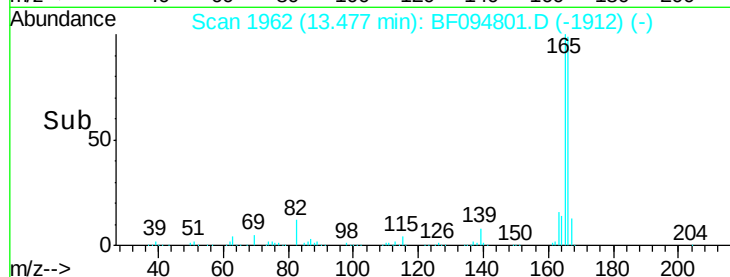
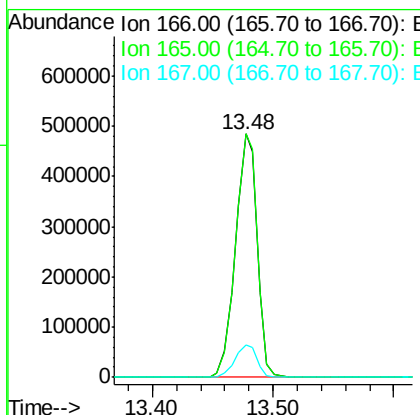
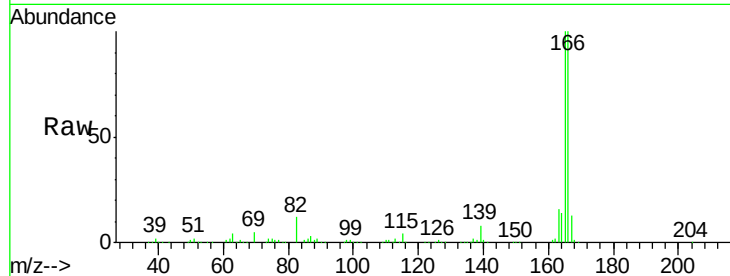
#57
Fluorene
Concen: 42.225 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	607179		
165	100.0	78.8	118.2	
167	13.1	10.6	16.0	

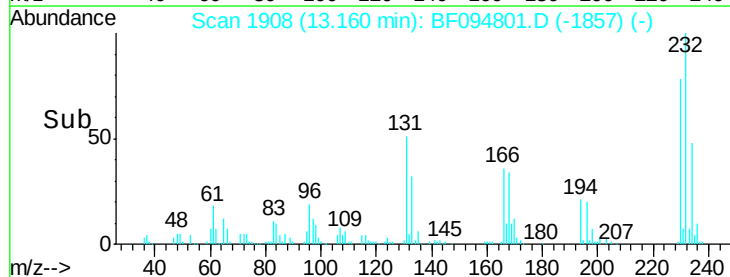
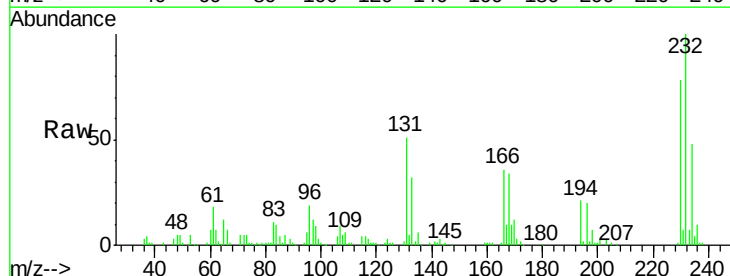
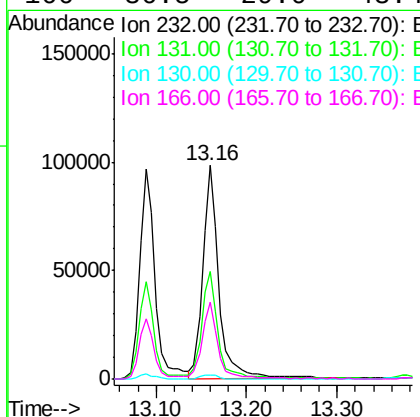
Manual Integrations
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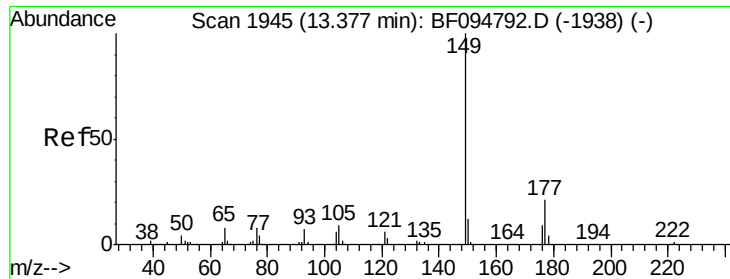
mohammad
5/4/2017 1:44:07 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 46.919 ng
RT: 13.16 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	122443		
131	50.0	44.8	67.2	
130	2.1	2.3	3.5#	
166	36.5	29.0	43.4	





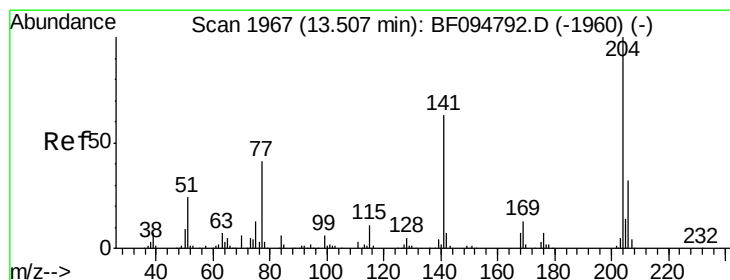
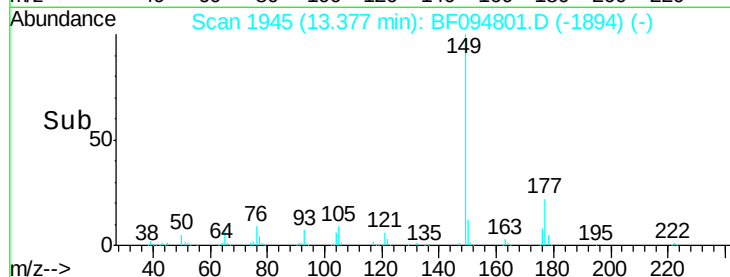
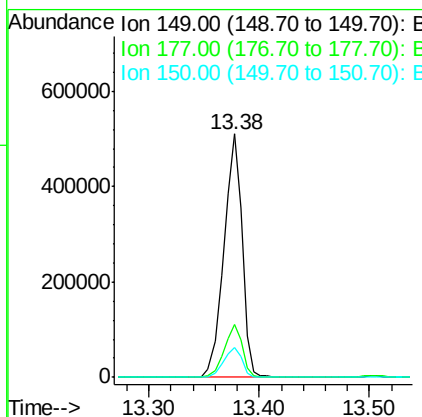
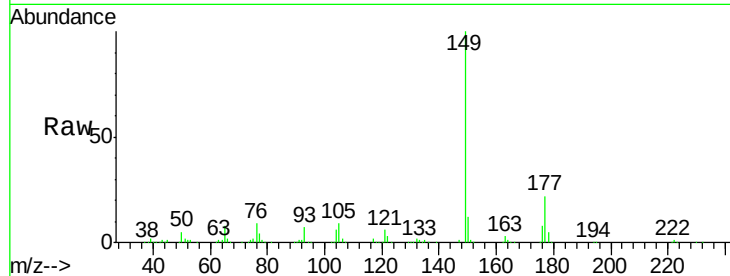
#59
Diethylphthalate
Concen: 39.908 ng
RT: 13.38 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	590017		
177	21.6	16.7	25.1	
150	12.3	10.2	15.2	

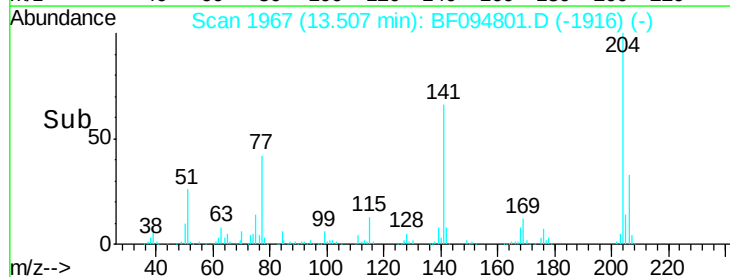
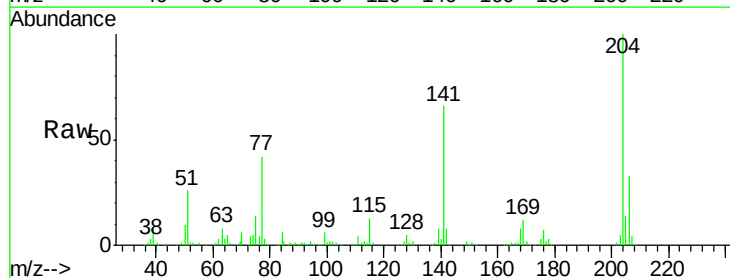
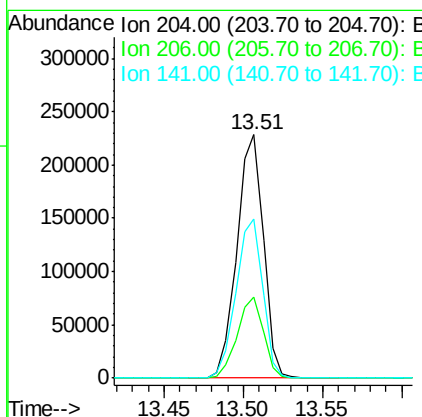
Manual Integrations
APPROVED

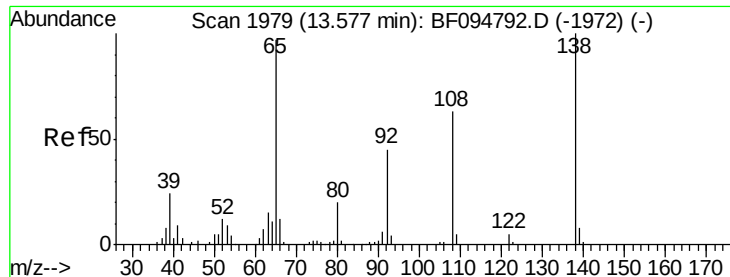
mohammad
5/4/2017 1:44:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.748 ng
RT: 13.51 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	263836		
206	33.4	26.2	39.2	
141	65.6	60.8	91.2	





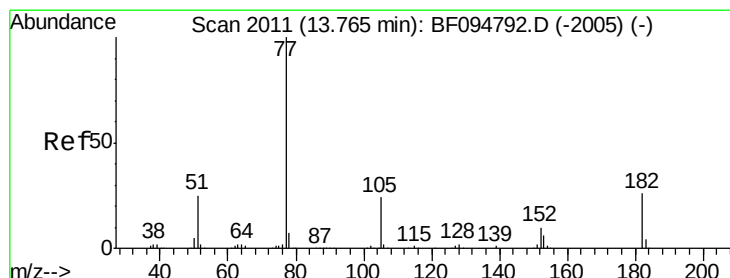
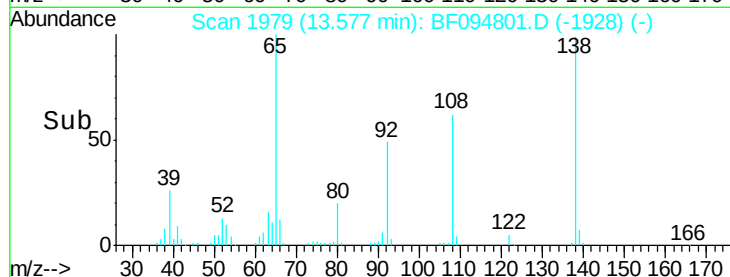
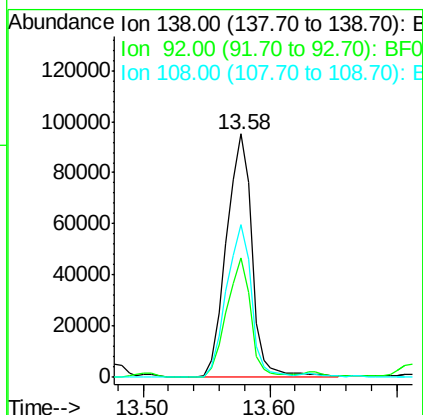
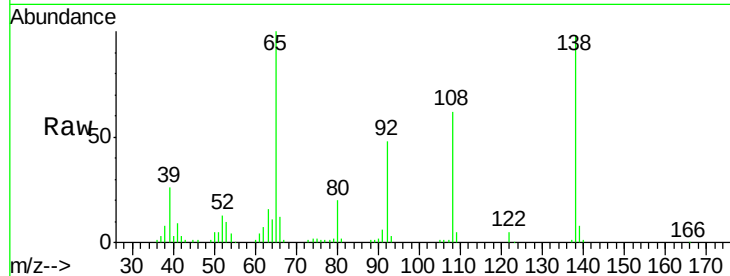
#61
4-Nitroaniline
Concen: 42.931 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	133116		
92	49.2	21.8	61.8	
108	62.9	42.3	82.3	

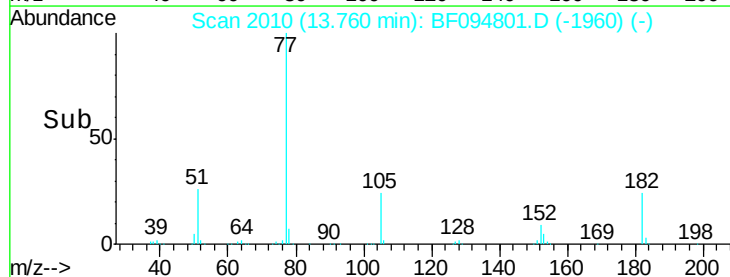
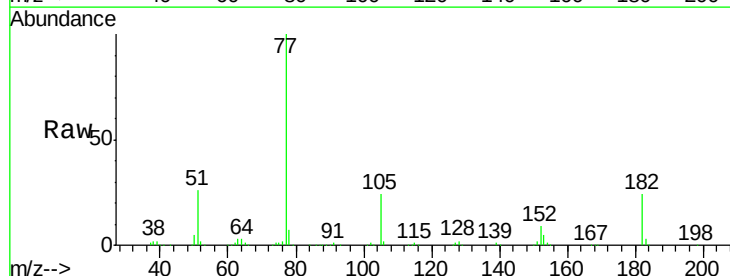
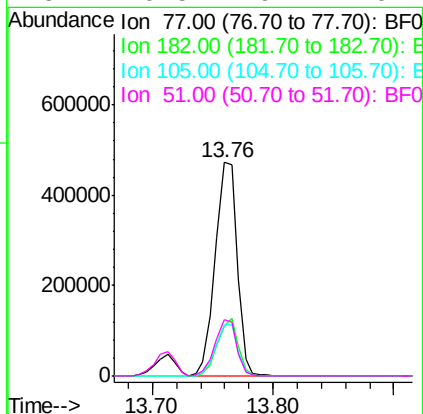
Manual Integrations
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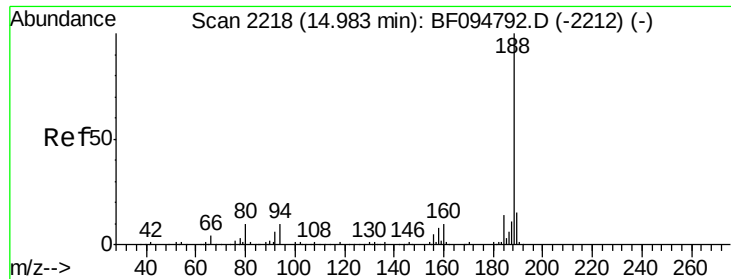
mohammad
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#62
Azobenzene
Concen: 49.784 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	591450		
182	23.7	0.1	40.1	
105	24.2	3.6	43.6	
51	26.5	9.4	49.4	





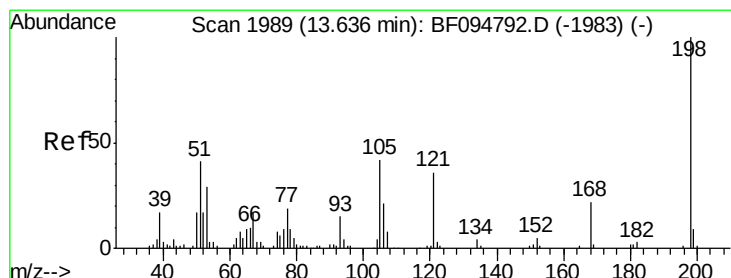
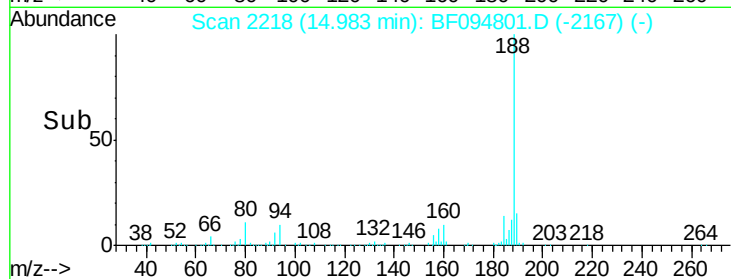
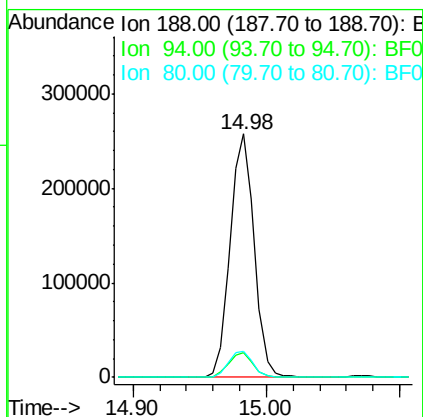
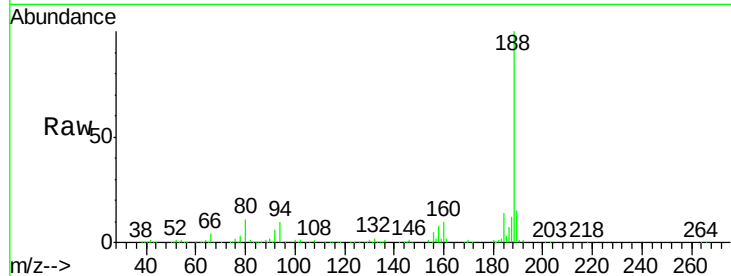
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	325049		
94	10.3		9.4	14.2
80	10.6		10.2	15.2

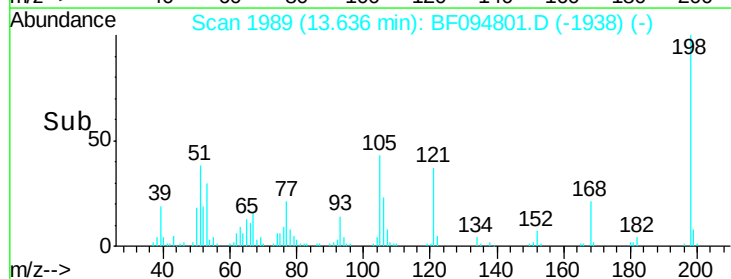
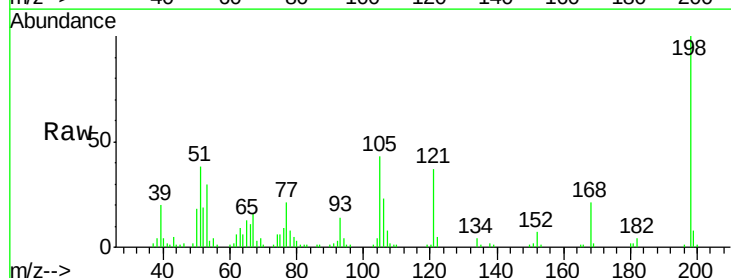
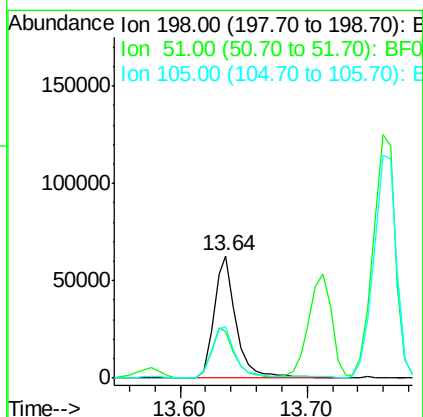
Manual Integrations
 APPROVED

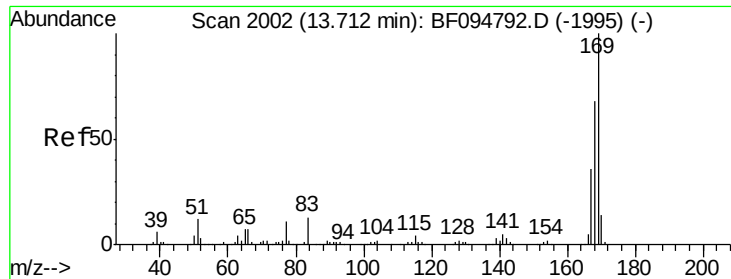
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.204 ng
 RT: 13.64 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	76711		
51	38.2		53.2	93.2#
105	42.6		45.8	85.8#





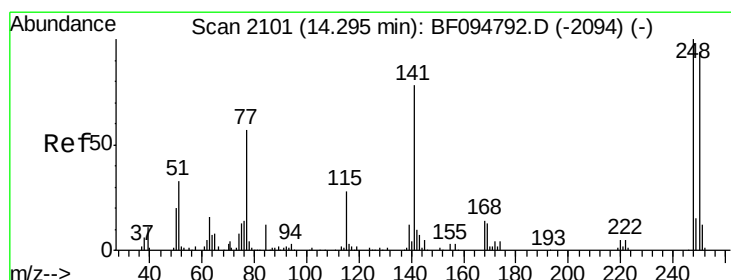
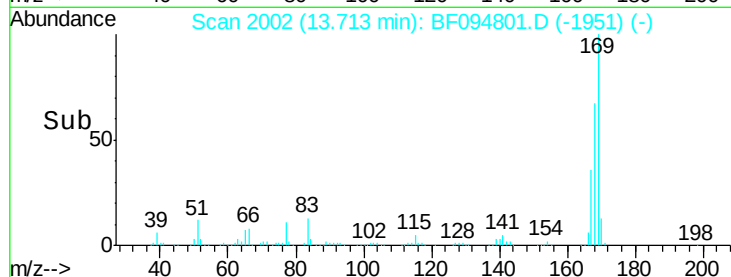
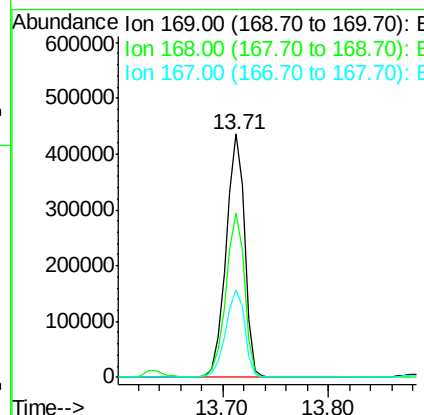
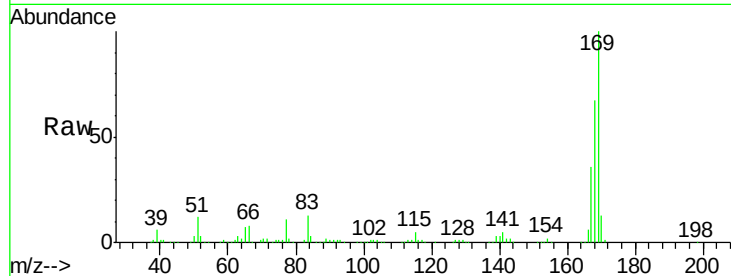
#65
 n-Nitrosodiphenylamine
 Concen: 45.298 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	534399		
168	67.3	53.2	79.8	
167	35.9	29.5	44.3	

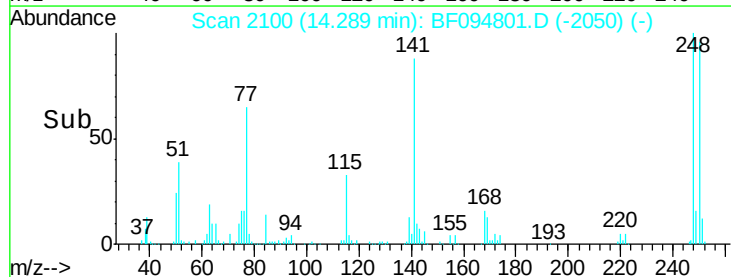
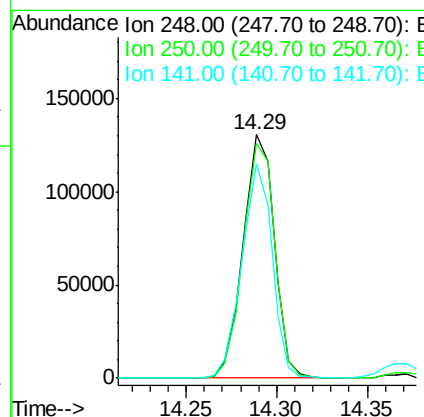
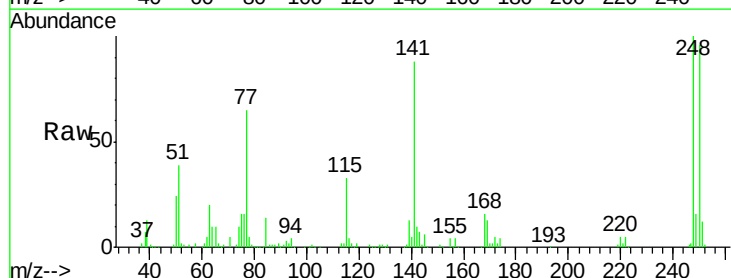
Manual Integrations
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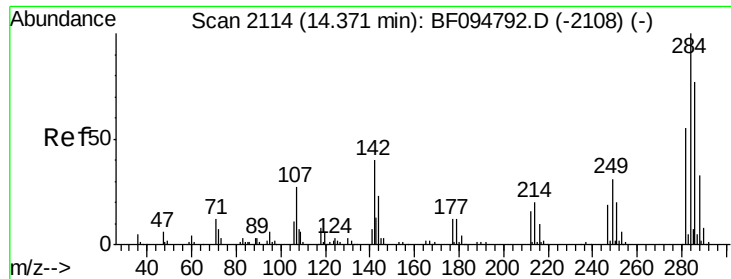
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 45.768 ng
 RT: 14.29 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	157173		
250	96.3	76.8	115.2	
141	87.8	68.6	103.0	





#67

Hexachlorobenzene

Concen: 42.396 ng

RT: 14.37 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

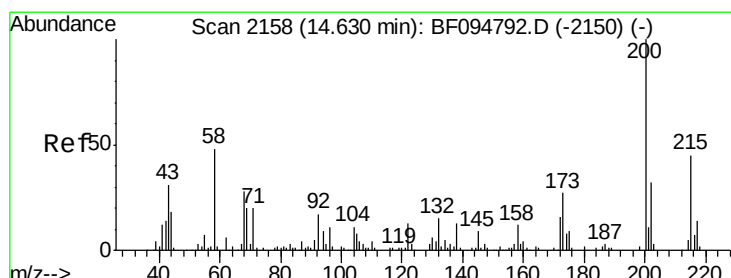
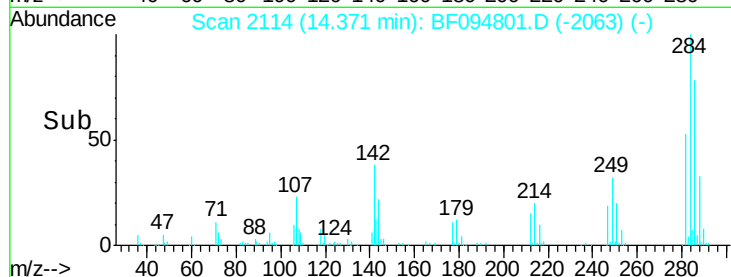
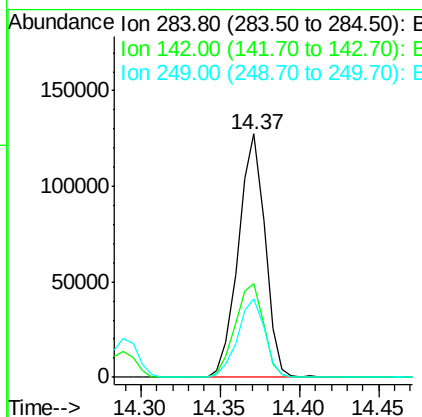
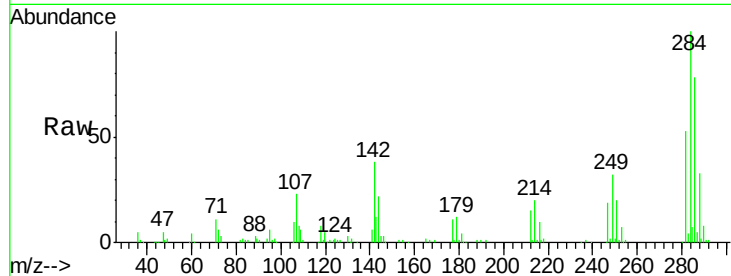
ClientSampleId :

PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	149207		
142	38.5	22.8	34.2#	
249	32.1	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 45.593 ng

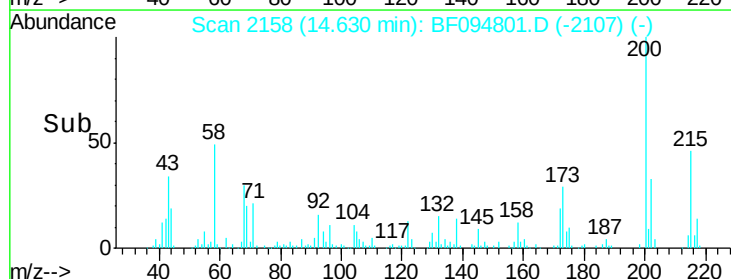
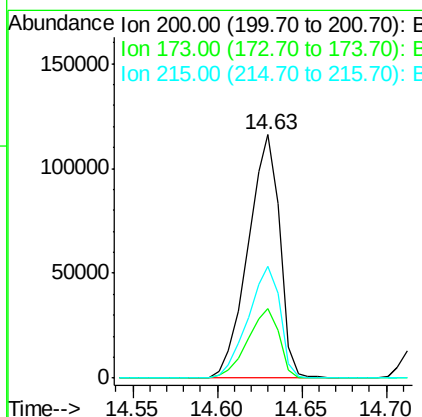
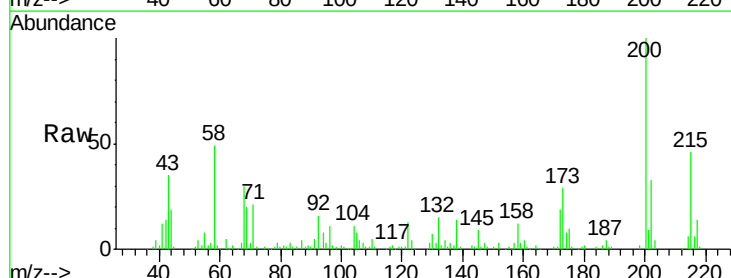
RT: 14.63 min Scan# 2158

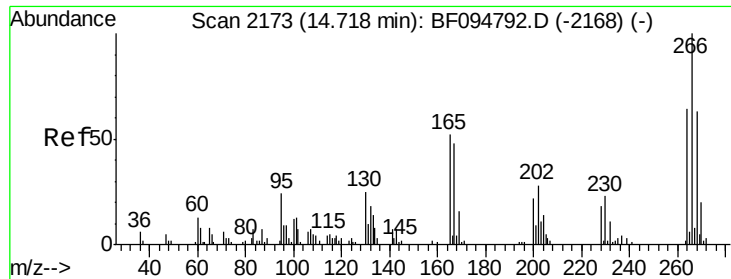
Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	151867		
173	28.8	6.3	46.3	
215	46.0	27.2	67.2	





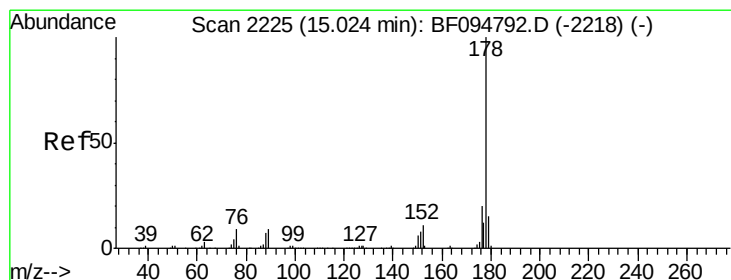
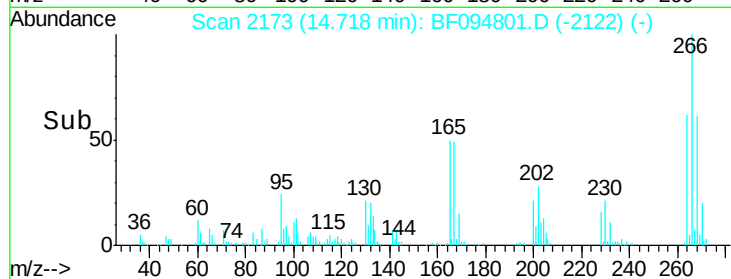
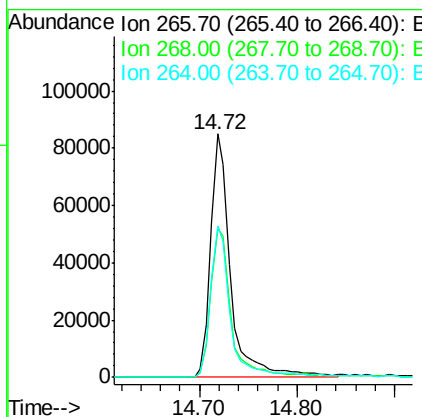
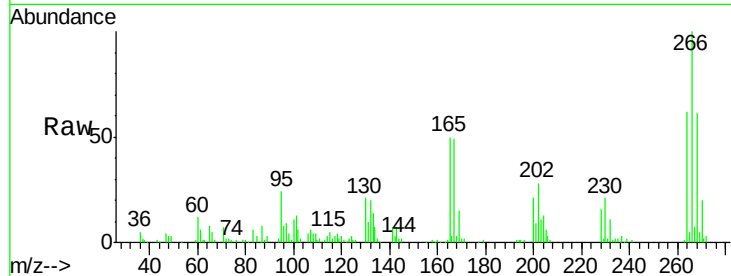
#69
 Pentachlorophenol
 Concen: 76.907 ng
 RT: 14.72 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	121992		
268	61.4	51.1	76.7	
264	62.0	51.7	77.5	

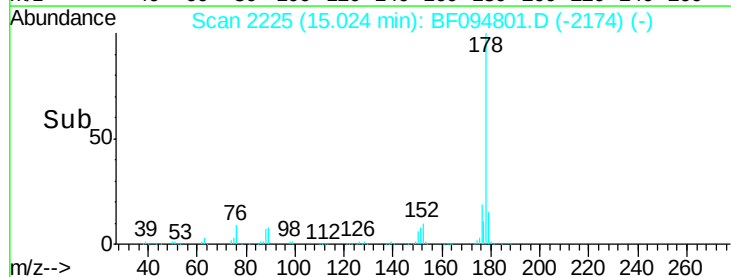
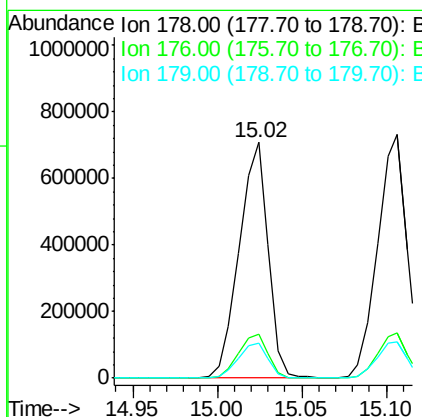
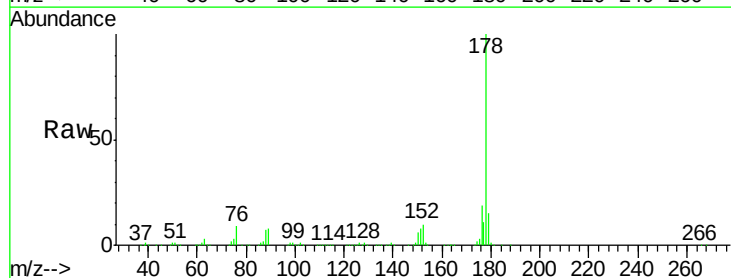
Manual Integrations
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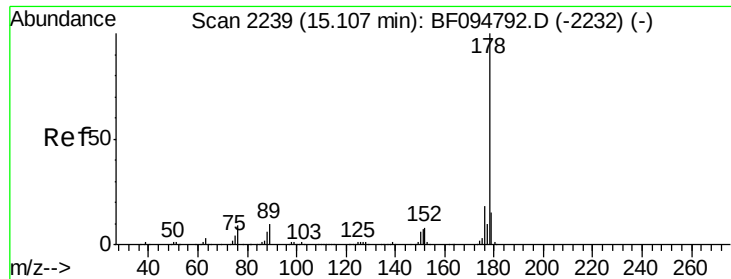
mohammad
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#70
 Phenanthrene
 Concen: 45.287 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	845798		
176	18.5	16.2	24.4	
179	15.1	12.6	19.0	





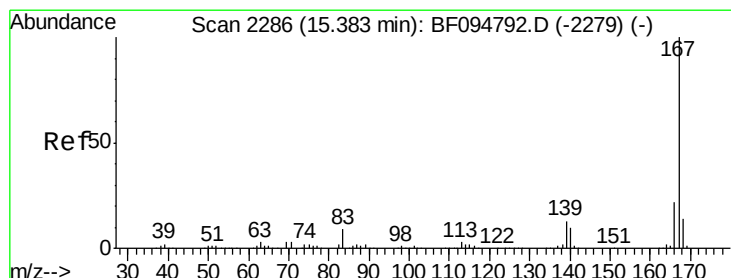
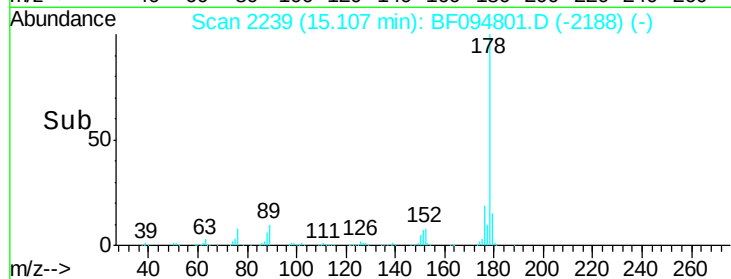
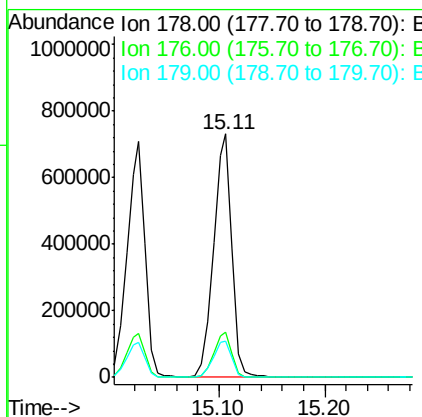
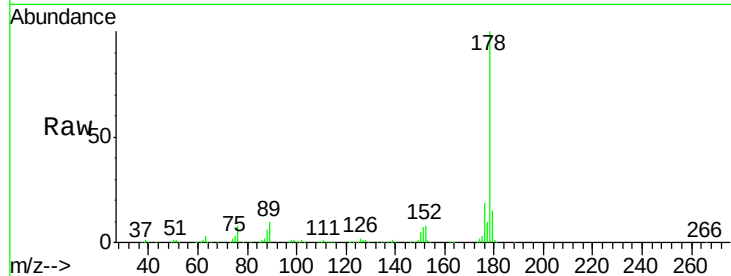
#71
 Anthracene
 Concen: 46.465 ng
 RT: 15.11 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.1	12.7	19.1

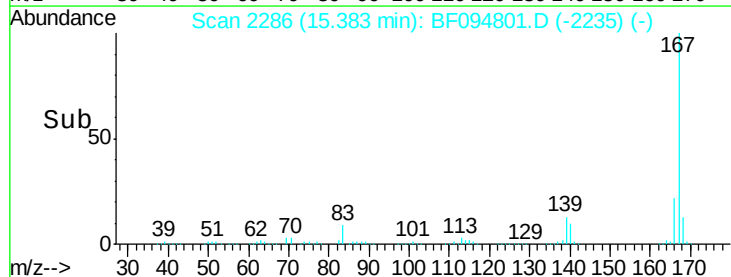
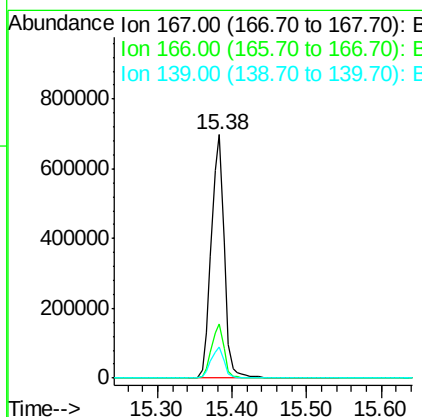
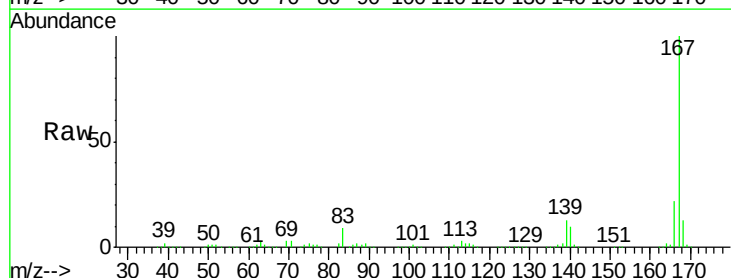
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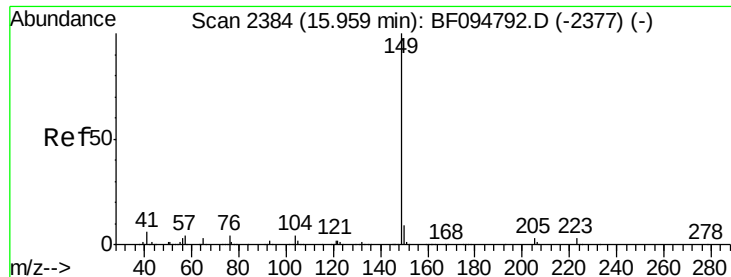
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#72
 Carbazole
 Concen: 48.470 ng
 RT: 15.38 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 47.007 ng

RT: 15.95 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

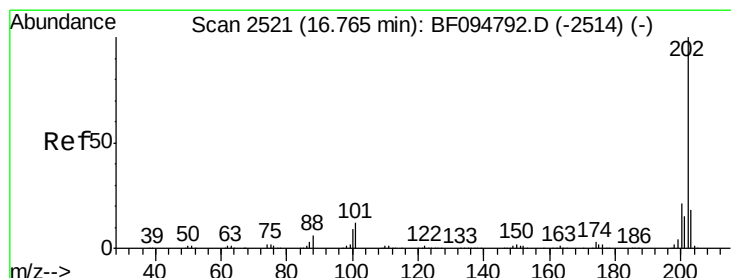
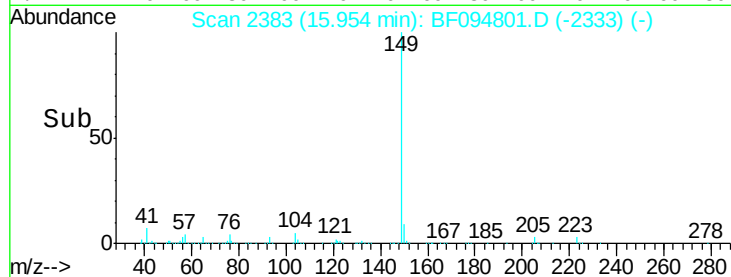
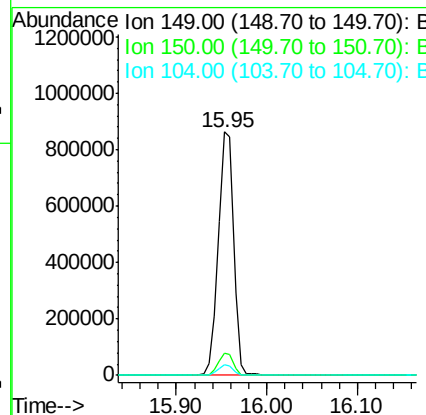
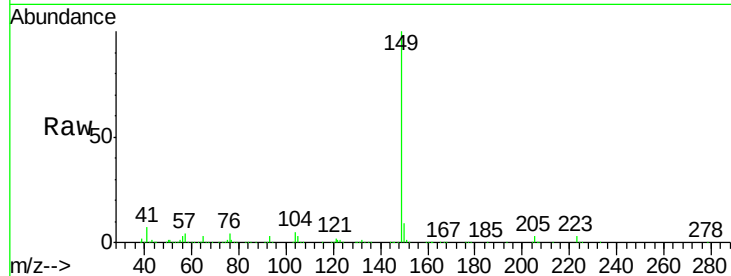
ClientSampleId :

PB98583BS

Tgt Ion:	149	Resp:	1017547
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 47.694 ng

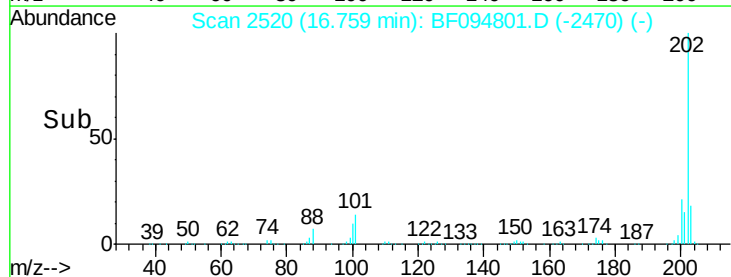
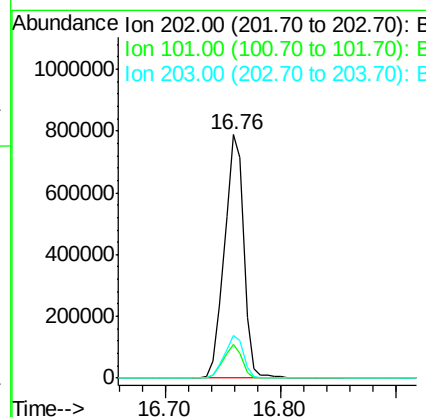
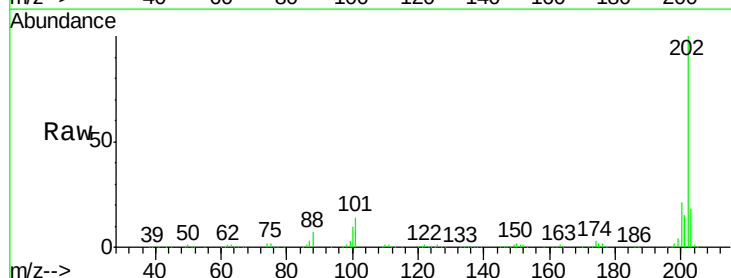
RT: 16.76 min Scan# 2520

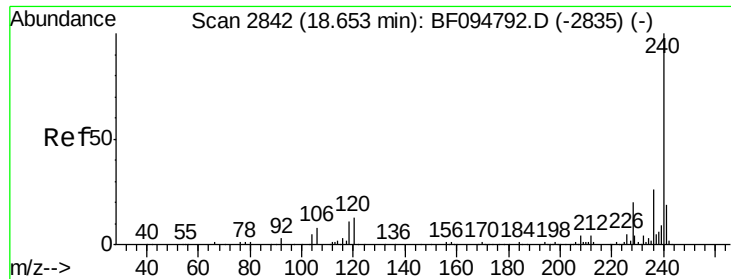
Delta R.T. -0.01 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion:	202	Resp:	913726
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	33.2
203	17.7	0.0	38.1





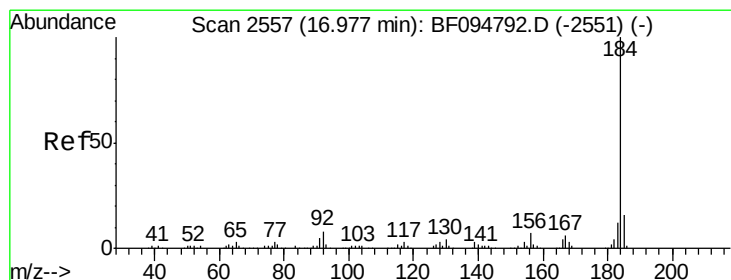
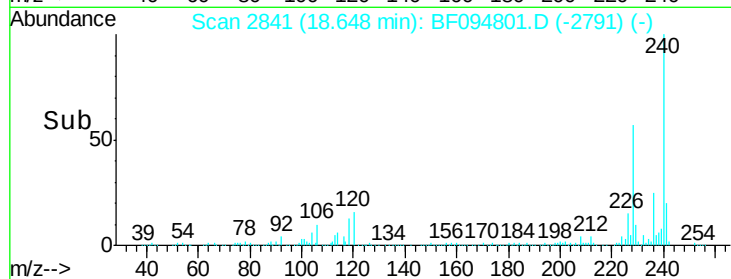
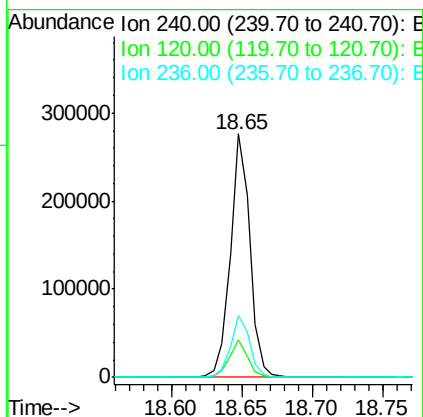
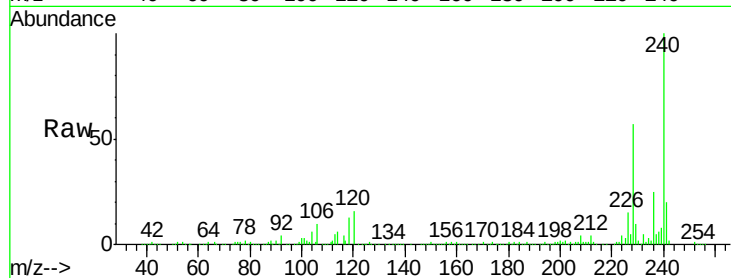
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	265951		
120	15.7	5.8	8.8#	
236	25.5	20.5	30.7	

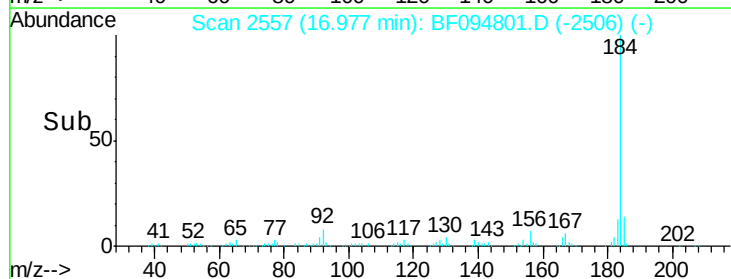
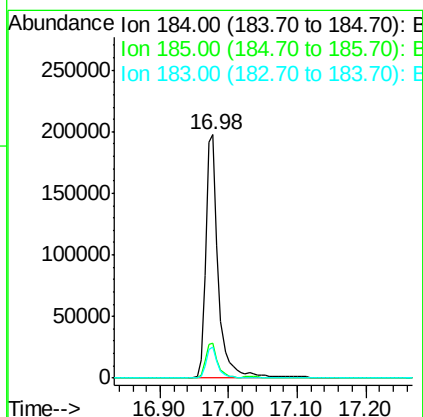
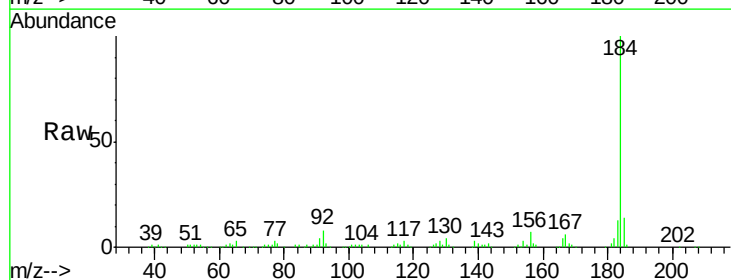
Manual Integrations
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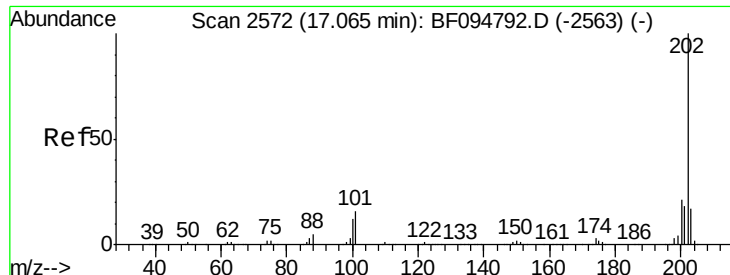
mohammad
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#76
Benzidine
Concen: 37.769 ng
RT: 16.98 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	259957		
185	14.2	15.5	23.3#	
183	12.7	9.8	14.6	





#77

Pyrene

Concen: 46.175 ng

RT: 17.07 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Instrument :

BNA_F

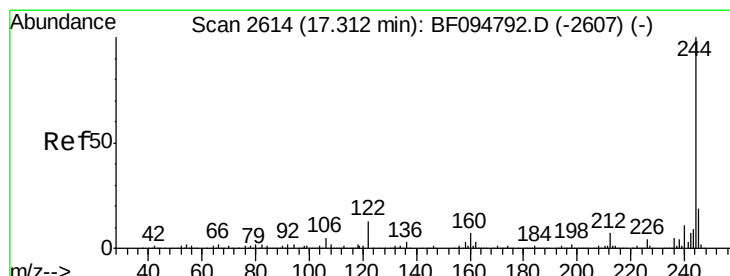
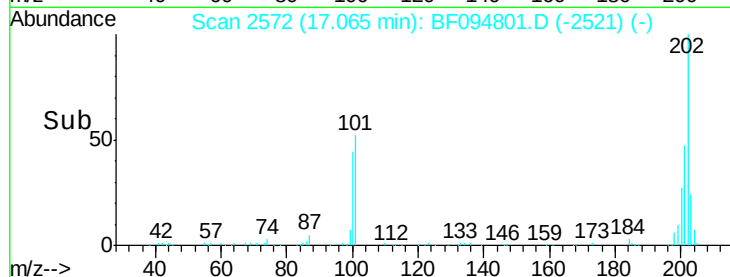
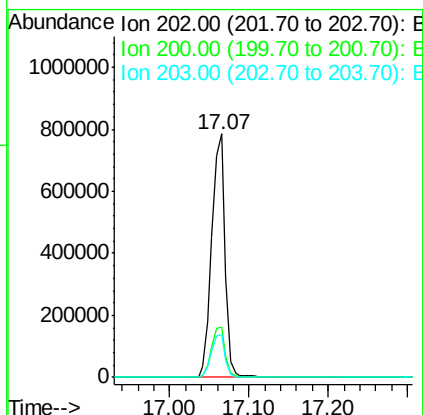
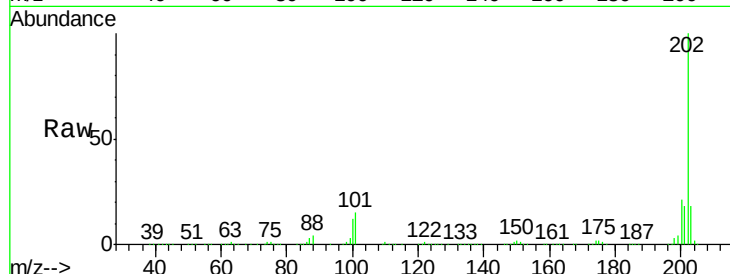
ClientSampleId :

PB98583BS

Tgt Ion:	202	Resp:	918425
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 86.899 ng

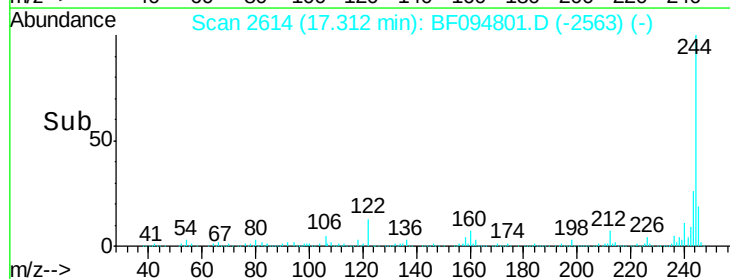
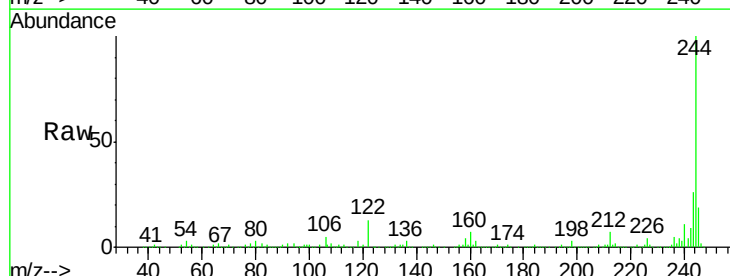
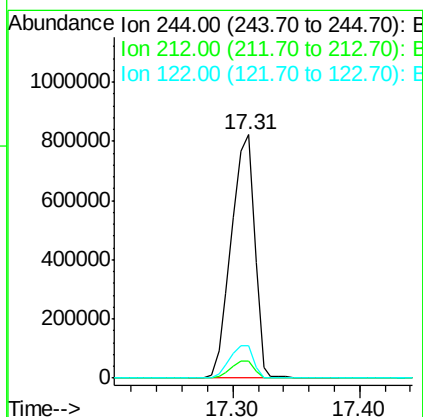
RT: 17.31 min Scan# 2614

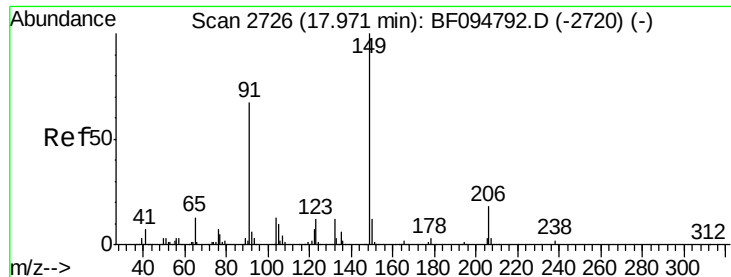
Delta R.T. 0.00 min

Lab File: BF094801.D

Acq: 2 May 2017 19:20

Tgt Ion:	244	Resp:	1049270
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.4	10.3	15.5





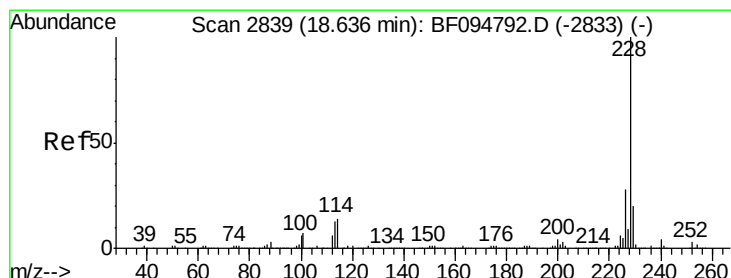
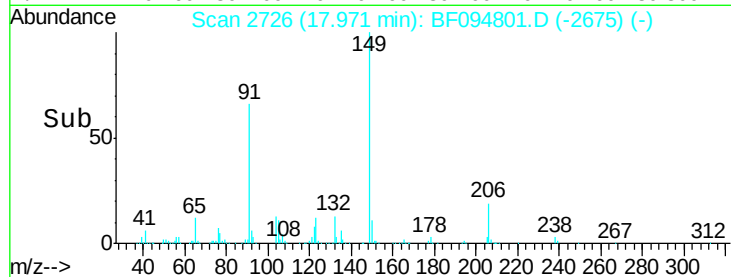
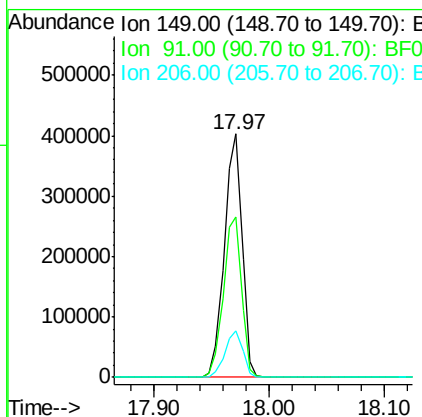
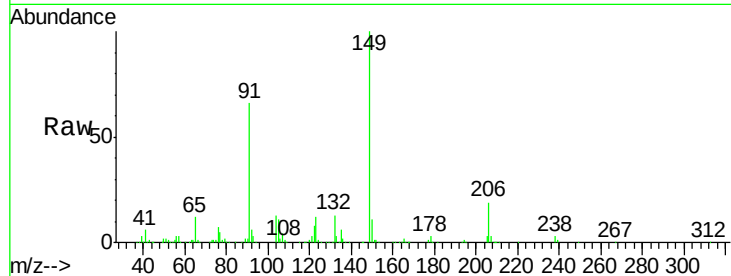
#79
Butylbenzylphthalate
Concen: 46.539 ng
RT: 17.97 min Scan# 2726
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	430561		
91	65.8	45.0	67.4	
206	19.3	17.0	25.6	

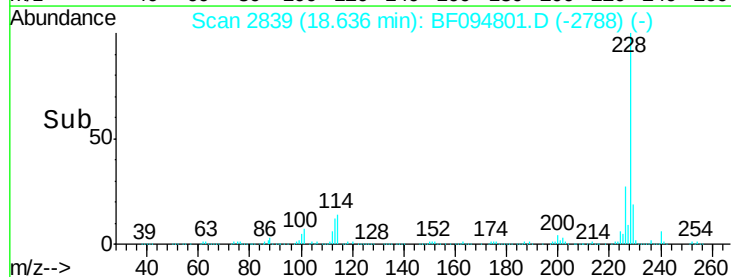
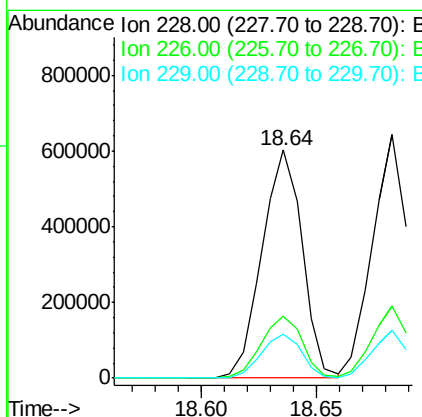
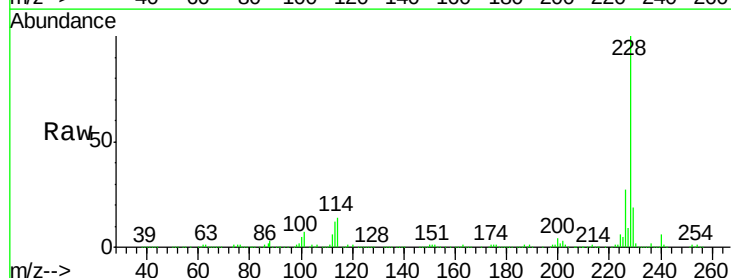
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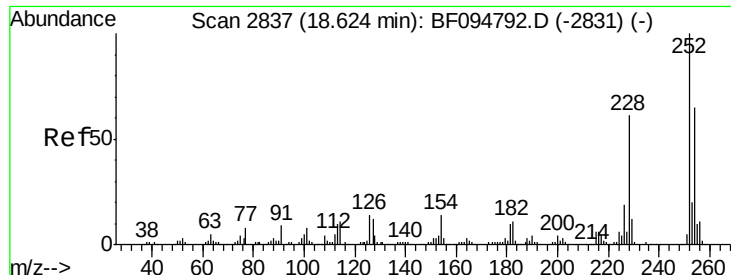
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#80
Benzo(a)anthracene
Concen: 47.052 ng
RT: 18.64 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	728274		
226	27.4	22.6	33.8	
229	19.1	16.3	24.5	





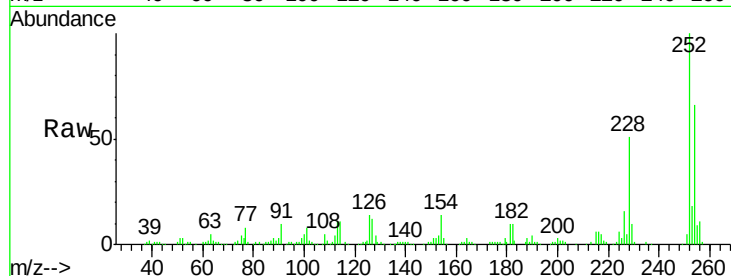
#81
 3,3'-Dichlorobenzidine
 Concen: 26.631 ng
 RT: 18.62 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

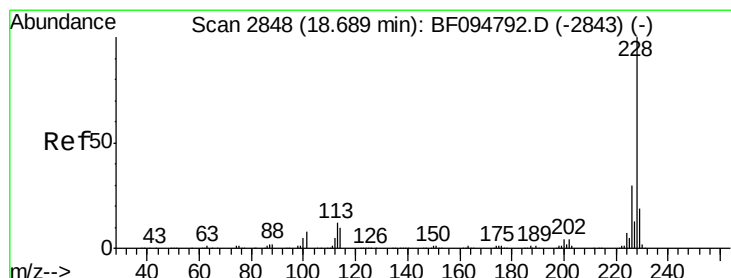
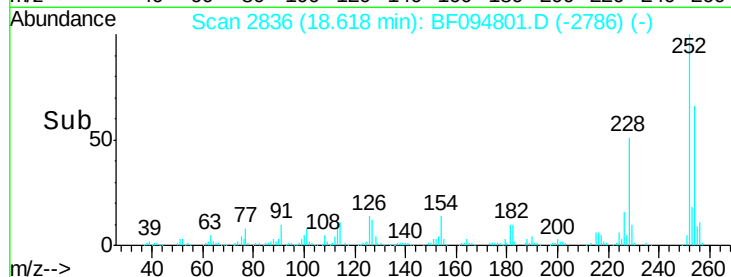
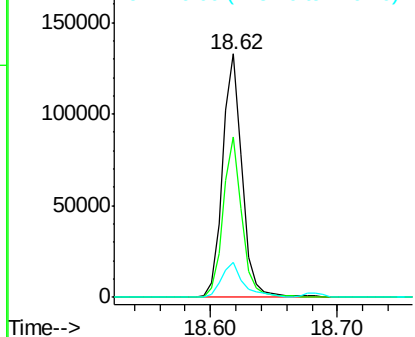
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	142364		
254	66.0	51.5	77.3	
126	14.4	15.8	23.8	

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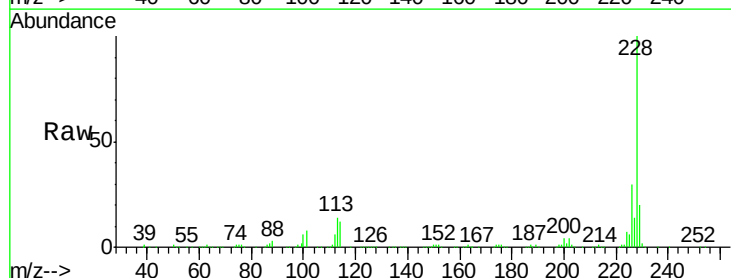


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

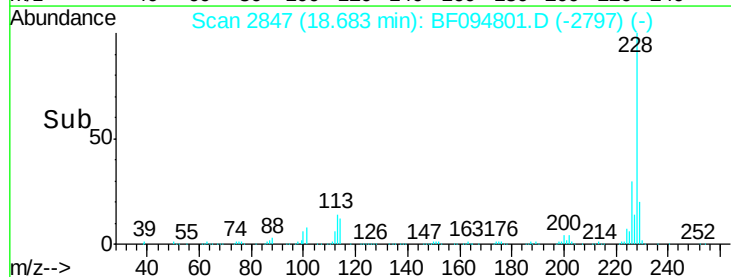
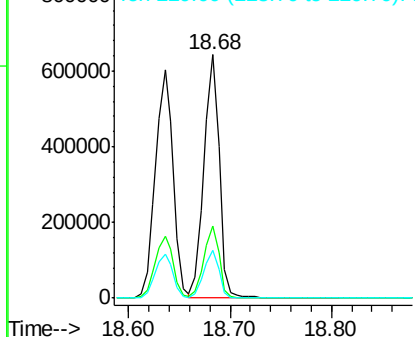


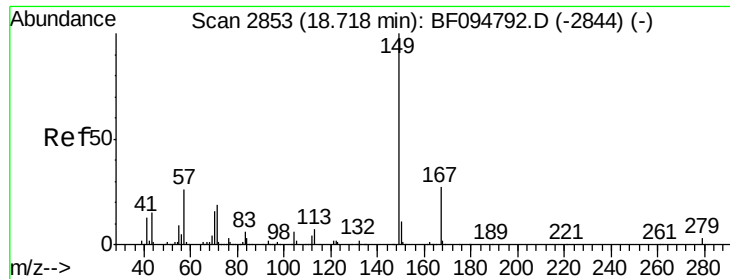
#82
 Chrysene
 Concen: 45.253 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	677266		
226	29.7	24.9	37.3	
229	19.8	15.8	23.6	



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





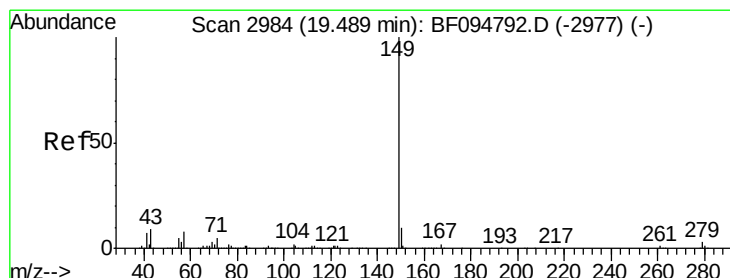
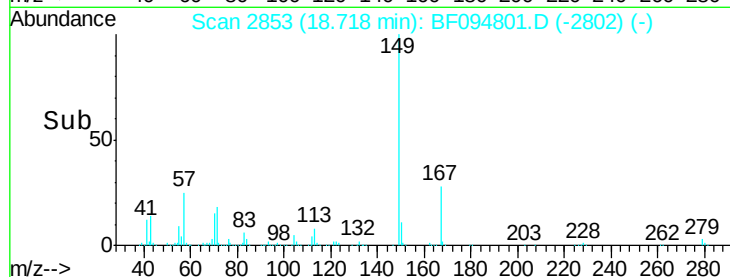
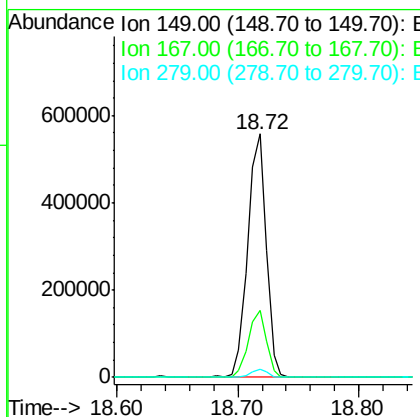
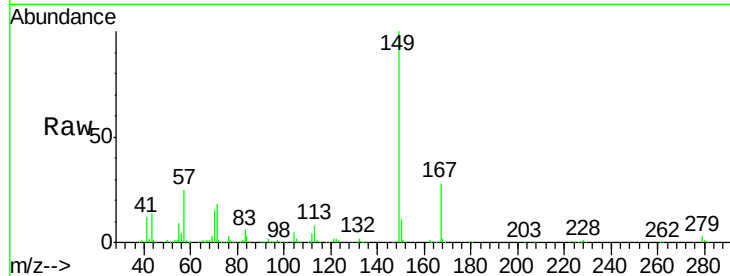
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.907 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	605131		
167	27.7	21.0	31.4	
279	3.3	1.9	2.9#	

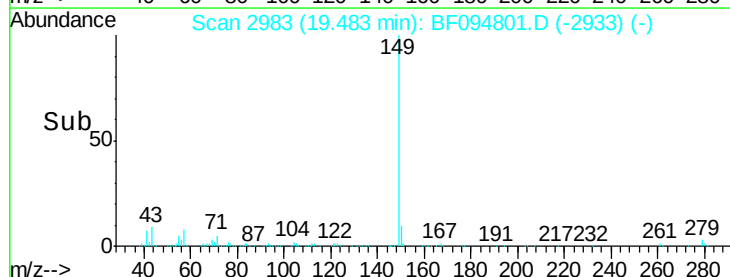
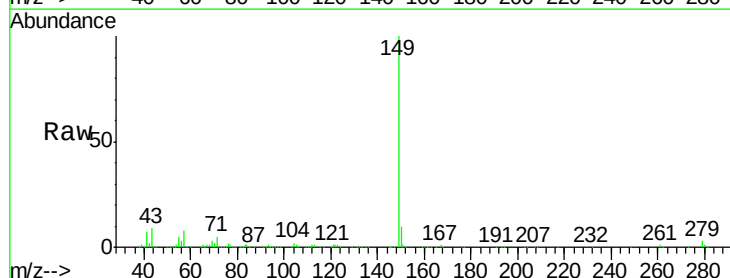
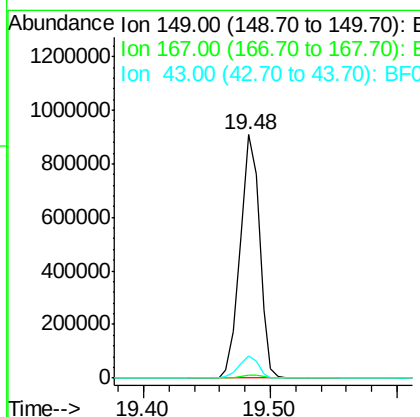
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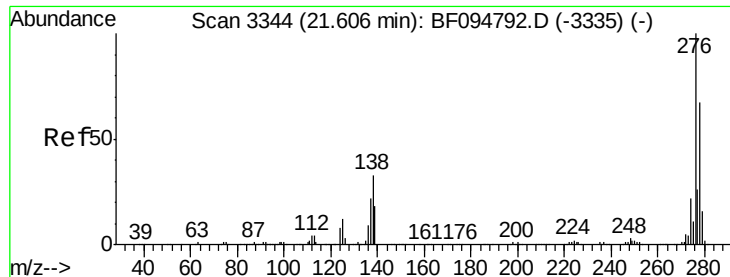
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#84
 Di-n-octyl phthalate
 Concen: 44.384 ng
 RT: 19.48 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	959196		
167	1.6	1.2	1.8	
43	8.8	8.5	12.7	





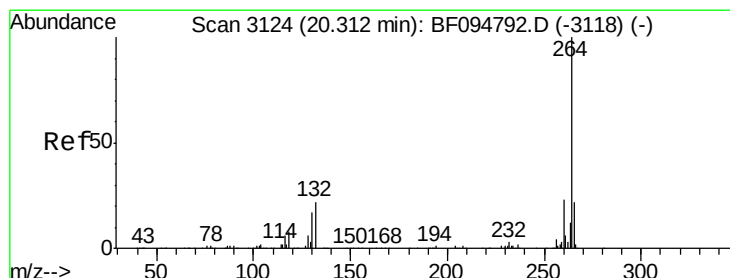
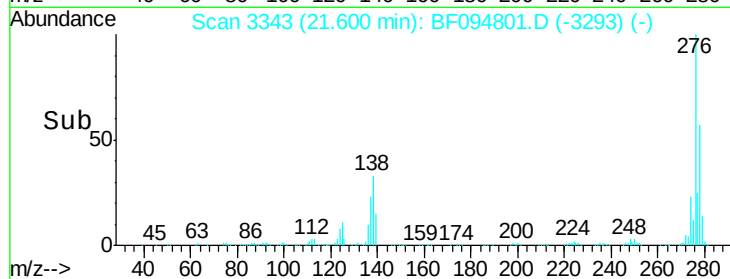
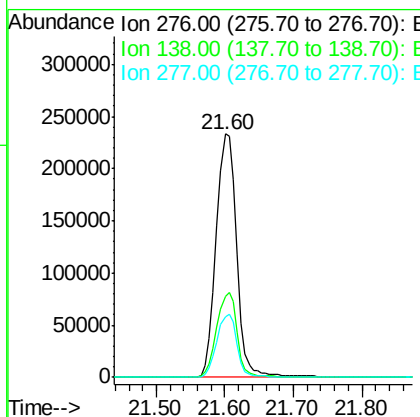
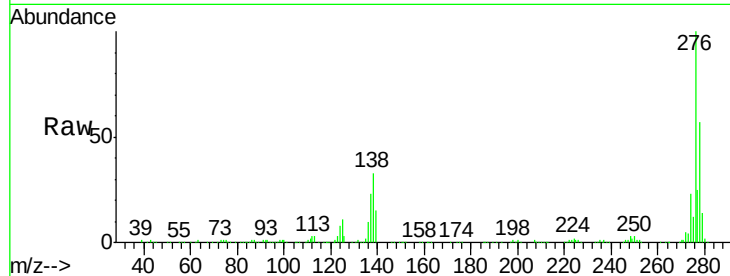
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.150 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	487986		
138	34.5		27.8	41.6
277	25.6		20.2	30.4

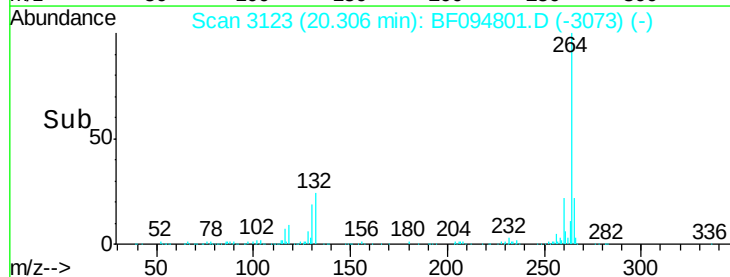
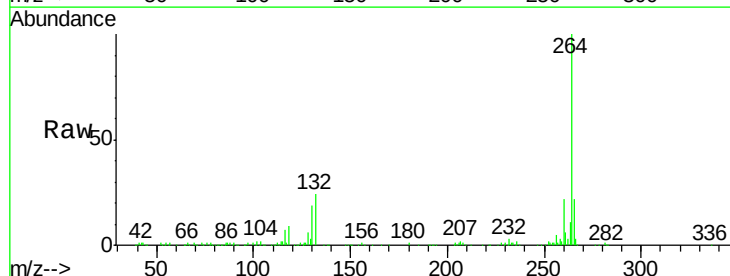
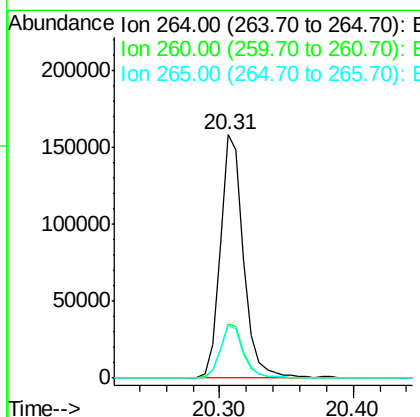
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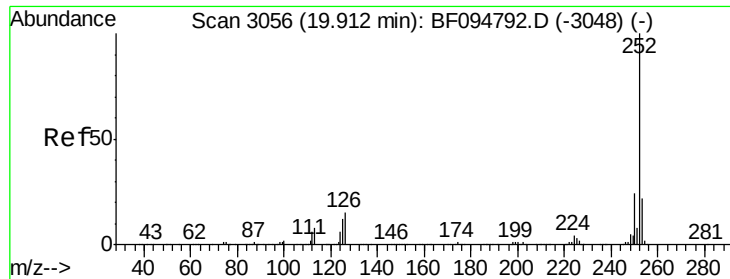
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	194246		
260	22.5		19.5	29.3
265	21.9		17.2	25.8





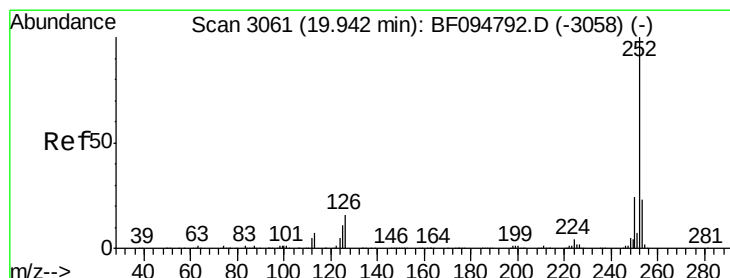
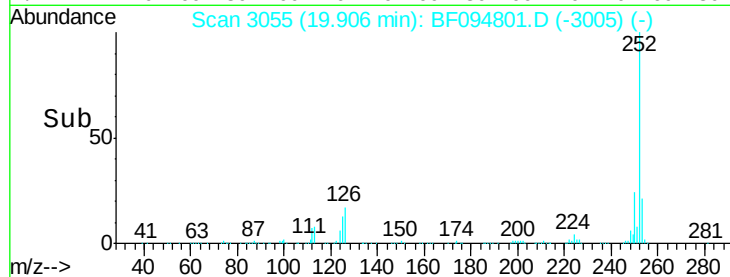
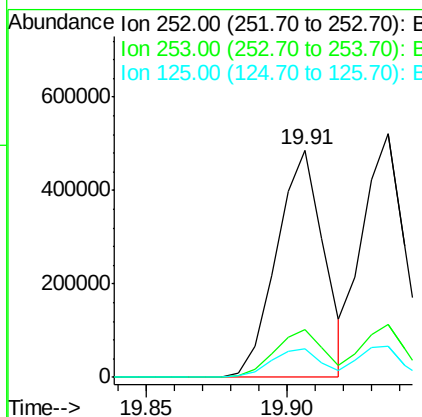
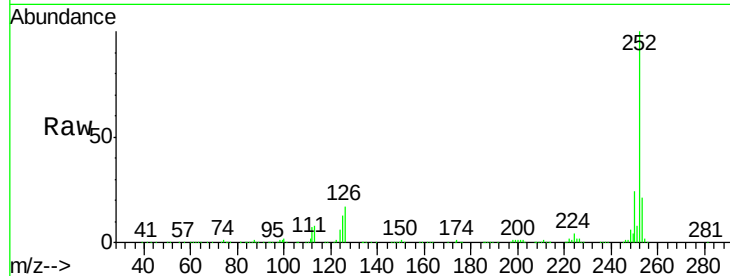
#87
Benzo(b)fluoranthene
Concen: 47.080 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

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

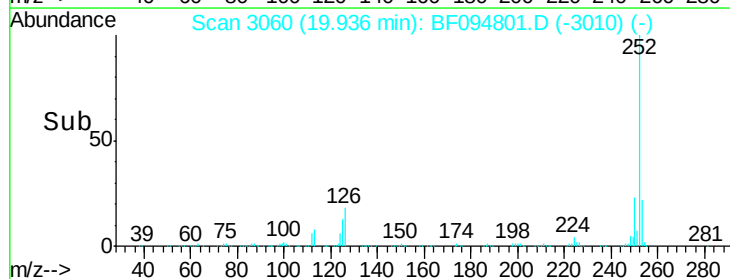
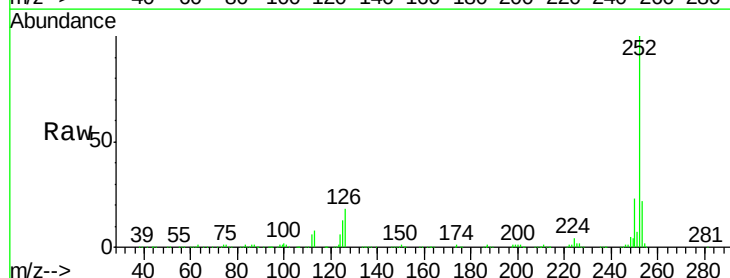
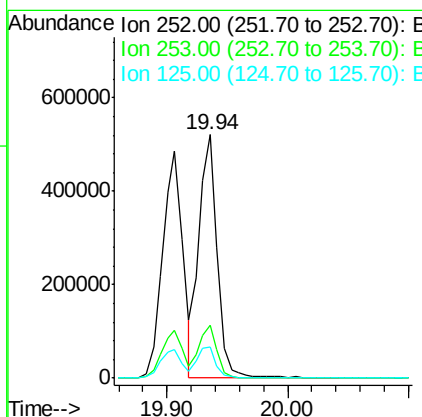
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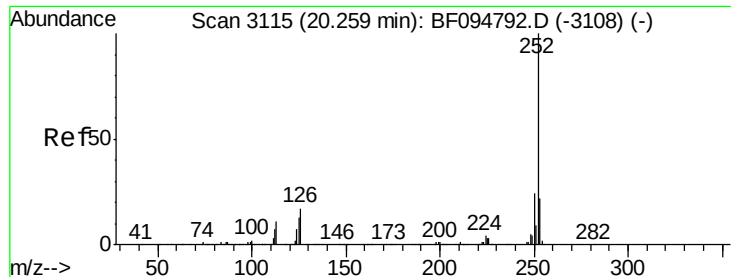
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#88
Benzo(k)fluoranthene
Concen: 47.256 ng
RT: 19.94 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.0	13.1	19.7#





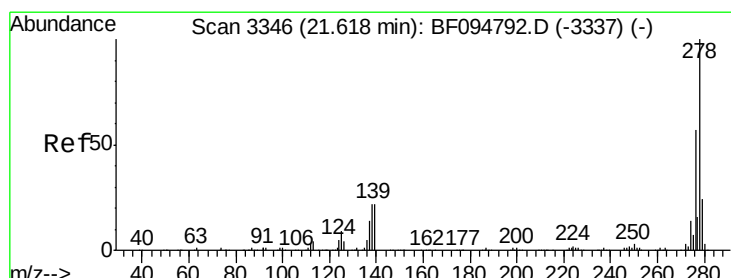
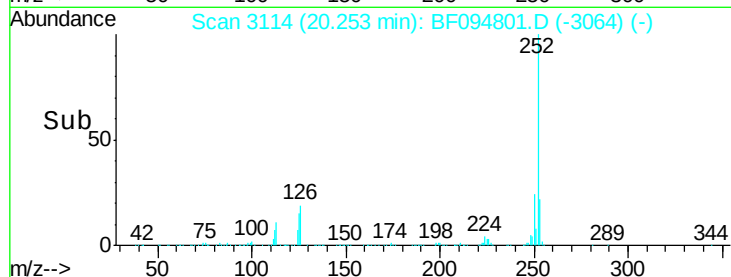
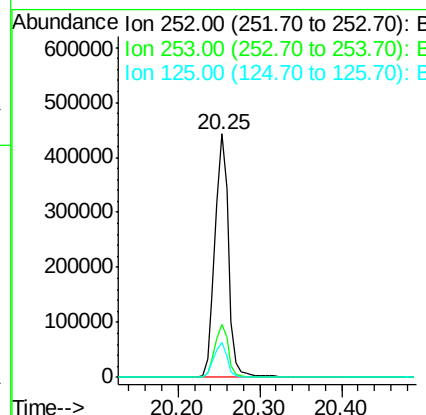
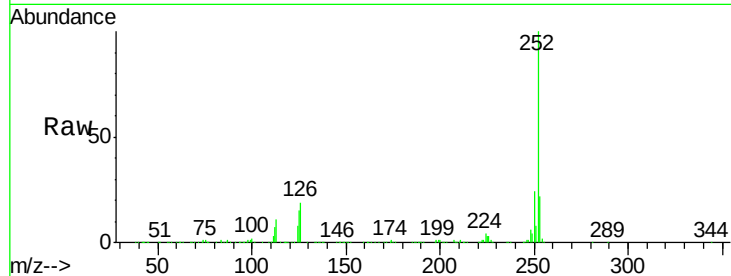
#89
Benzo(a)pyrene
Concen: 46.759 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.6	11.0	16.4

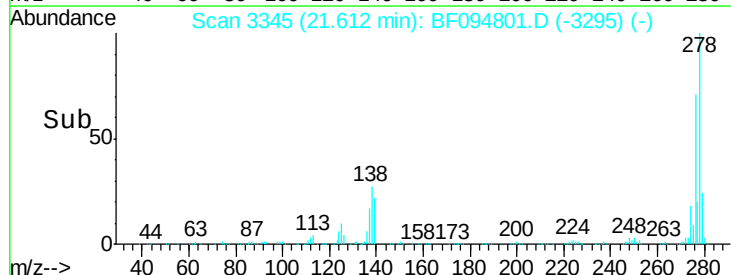
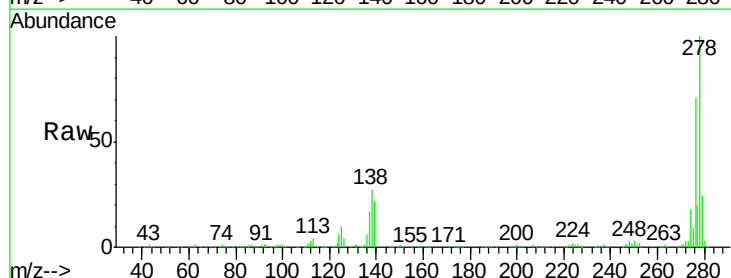
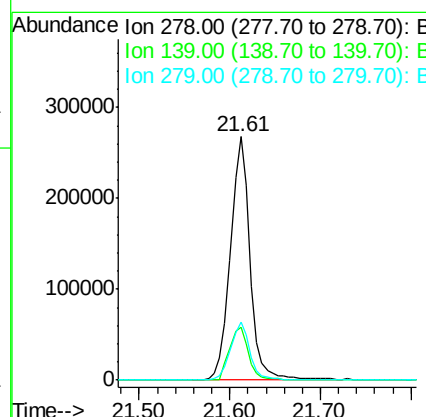
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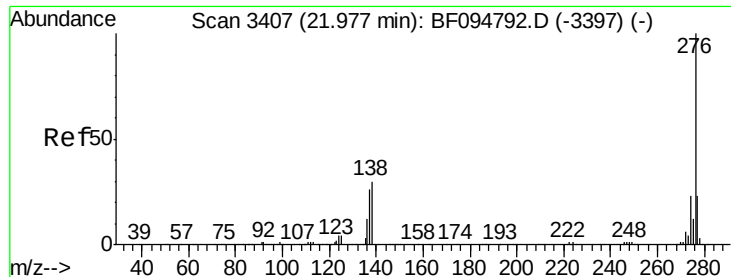
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#90
Dibenzo(a,h)anthracene
Concen: 44.346 ng
RT: 21.61 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BF094801.D
Acq: 2 May 2017 19:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	16.6	24.8
279	24.0	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 47.114 ng
 RT: 21.98 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: BF094801.D
 Acq: 2 May 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB98583BS

Tgt Ion:	276	Resp:	422904
Ion Ratio		Lower	Upper
276	100		
277	22.6	18.6	28.0
138	28.5	25.4	38.0

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