

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094926.D
 Acq On : 5 May 2017 20:09
 Operator : SJ/MA
 Sample : PB98685BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Manual Integrations
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mohammad
 5/8/2017 2:47:53 PM

Quant Time: May 05 23:54:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	96562	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	393926	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	163869	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	296921	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	281703	20.00	ng	-0.01
86) Perylene-d12	20.30	264	215034	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	788696	136.17	ng	0.01
7) Phenol-d6	7.28	99	969919	139.57	ng	0.00
23) Nitrobenzene-d5	8.63	82	563229	90.16	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	193493	144.18	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1096858	96.34	ng	-0.01
78) Terphenyl-d14	17.30	244	1000696	78.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	101314	35.67	ng	93
3) Pyridine	2.85	79	217597	33.05	ng	97
4) n-Nitrosodimethylamine	2.77	42	114448	41.71	ng	84
6) Aniline	7.24	93	115173	13.13	ng	96
8) 2-Chlorophenol	7.42	128	301310	45.71	ng	95
9) Benzaldehyde	7.05	77	47585	11.21	ng	98
10) Phenol	7.30	94	341363	46.62	ng	89
11) bis(2-Chloroethyl)ether	7.37	93	270875	44.81	ng	97
12) 1,3-Dichlorobenzene	7.63	146	324321	43.37	ng	99
13) 1,4-Dichlorobenzene	7.75	146	324271	42.76	ng	97
14) 1,2-Dichlorobenzene	7.99	146	306604	43.31	ng	95
15) Benzyl Alcohol	8.01	79	223226	49.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	346925	40.55	ng	70
17) 2-Methylphenol	8.23	107	243456	45.13	ng	96
18) Hexachloroethane	8.51	117	107319	41.77	ng	# 87
19) n-Nitroso-di-n-propylamine	8.44	70	201627	42.90	ng	94
20) 3+4-Methylphenols	8.49	107	321247	43.82	ng	# 61
22) Acetophenone	8.40	105	396831	41.99	ng	# 84
24) Nitrobenzene	8.65	77	294044	44.91	ng	96
25) Isophorone	9.05	82	486287	43.59	ng	96
26) 2-Nitrophenol	9.16	139	158002	44.72	ng	98
27) 2,4-Dimethylphenol	9.30	122	257871	45.14	ng	99
28) bis(2-Chloroethoxy)methane	9.42	93	326907	42.36	ng	98
29) 2,4-Dichlorophenol	9.58	162	244783	45.38	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	249890	43.24	ng	99
31) Naphthalene	9.78	128	840110	42.43	ng	100
32) Benzoic acid	9.62	122	175673	46.96	ng	97
33) 4-Chloroaniline	9.94	127	27787	3.77	ng	# 91
34) Hexachlorobutadiene	10.00	225	130166	42.69	ng	98
35) Caprolactam	10.54	113	79503m	49.09	ng	
36) 4-Chloro-3-methylphenol	10.78	107	269019	46.65	ng	91
37) 2-Methylnaphthalene	10.90	142	583615	44.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	232625	46.16	ng	100
40) Hexachlorocyclopentadiene	11.16	237	206350	96.08	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	172028	51.13	ng	96
43) 2,4,5-Trichlorophenol	11.49	196	167196	46.23	ng #	91
45) 1,1'-Biphenyl	11.67	154	676944	49.06	ng	97
46) 2-Chloronaphthalene	11.68	162	528081	47.40	ng	95
47) 2-Nitroaniline	11.90	65	141952	46.55	ng #	83
48) Acenaphthylene	12.34	152	883497	50.63	ng	99
49) Dimethylphthalate	12.22	163	656820	48.82	ng	98
50) 2,6-Dinitrotoluene	12.31	165	146005	53.20	ng	94
51) Acenaphthene	12.62	154	456971	43.85	ng	99
52) 3-Nitroaniline	12.58	138	26436	8.97	ng #	95
53) 2,4-Dinitrophenol	12.77	184	131046	86.17	ng #	67
54) Dibenzofuran	12.91	168	706912	49.01	ng	99
55) 4-Nitrophenol	12.95	139	170458	96.34	ng #	78
56) 2,4-Dinitrotoluene	12.97	165	170680	48.40	ng #	94
57) Fluorene	13.47	166	567254	45.23	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	121070	53.20	ng #	93
59) Diethylphthalate	13.37	149	548015	42.50	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	245212	44.49	ng	90
61) 4-Nitroaniline	13.58	138	108500	40.12	ng	96
62) Azobenzene	13.75	77	516276	49.83	ng	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	95127	47.79	ng #	69
65) n-Nitrosodiphenylamine	13.70	169	481261	44.66	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	140091	44.66	ng	99
67) Hexachlorobenzene	14.36	284	137477	42.76	ng #	85
68) Atrazine	14.62	200	138763	45.61	ng	98
69) Pentachlorophenol	14.71	266	129006	88.11	ng	98
70) Phenanthrene	15.01	178	785325	46.03	ng	99
71) Anthracene	15.09	178	820455	47.08	ng	98
72) Carbazole	15.38	167	741834	46.79	ng	98
73) Di-n-butylphthalate	15.95	149	905281	45.78	ng	98
74) Fluoranthene	16.75	202	864292	49.39	ng	98
76) Benzidine	16.98	184	62850	13.71	ng #	91
77) Pyrene	17.05	202	910392	43.21	ng	99
79) Butylbenzylphthalate	17.96	149	435236	44.41	ng	89
80) Benzo(a)anthracene	18.63	228	726598	44.32	ng	99
81) 3,3'-Dichlorobenzidine	18.61	252	118246	20.88	ng #	96
82) Chrysene	18.68	228	697367	43.99	ng	98
83) Bis(2-ethylhexyl)phthalate	18.70	149	611318	43.78	ng #	100
84) Di-n-octyl phthalate	19.47	149	983457	42.96	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	535105	41.57	ng	99
87) Benzo(b)fluoranthene	19.90	252	634022	47.72	ng	98
88) Benzo(k)fluoranthene	19.93	252	604601	47.17	ng #	94
89) Benzo(a)pyrene	20.25	252	572431	46.69	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	441277	43.58	ng	97
91) Benzo(g,h,i)perylene	21.96	276	455626	45.85	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

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Instrument :

BNA_F

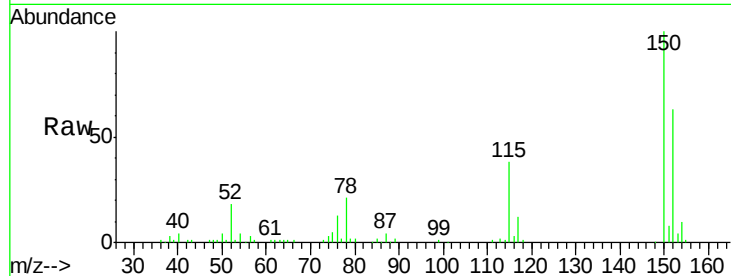
ClientSampleId :

PB98685BS

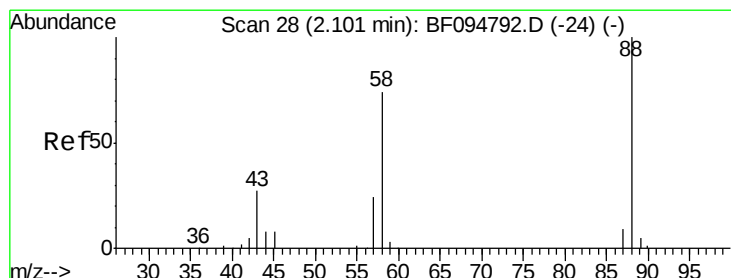
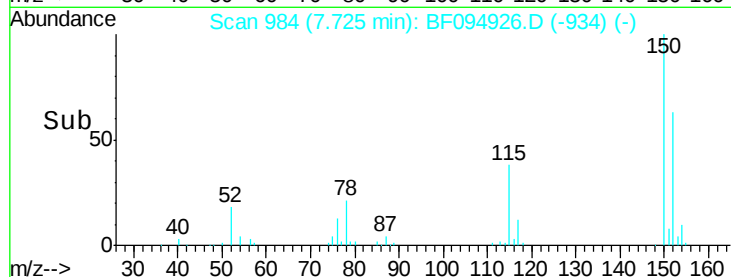
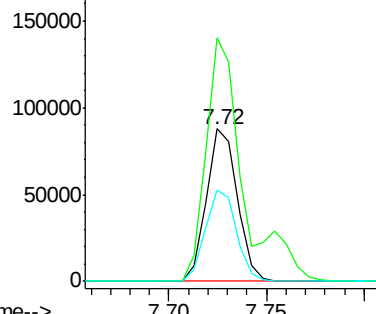
Tgt Ion:	152	Resp:	96562
Ion Ratio	Lower	Upper	
152	100		
150	159.6	126.2	189.2
115	60.0	52.2	78.2

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



#2

1,4-Dioxane

Concen: 35.67 ng

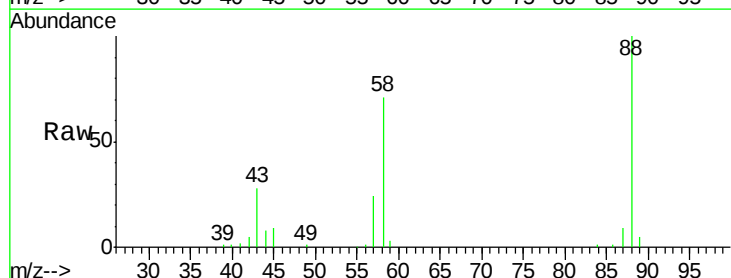
RT: 2.17 min Scan# 40

Delta R.T. 0.07 min

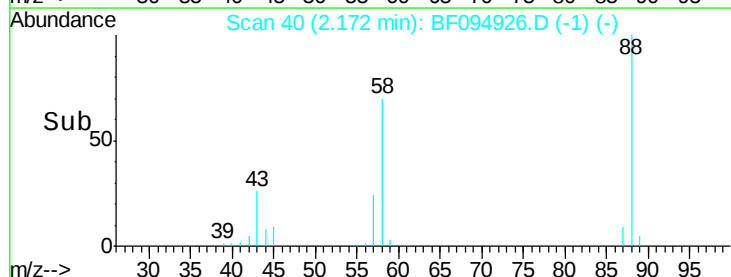
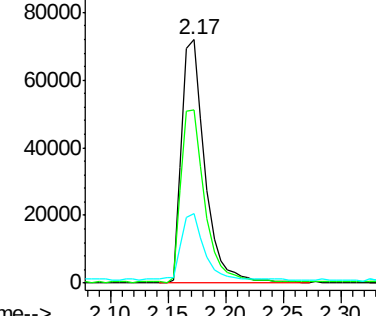
Lab File: BF094926.D

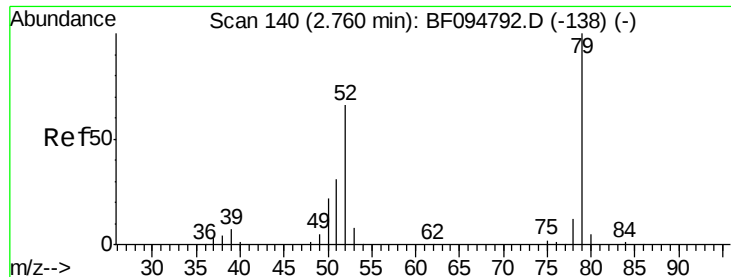
Acq: 5 May 2017 20:09

Tgt Ion:	88	Resp:	101314
Ion Ratio	Lower	Upper	
88	100		
58	71.0	61.4	92.0
43	25.9	23.4	35.0



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





#3

Pyridine

Concen: 33.05 ng

RT: 2.85 min Scan# 155

Delta R.T. 0.09 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

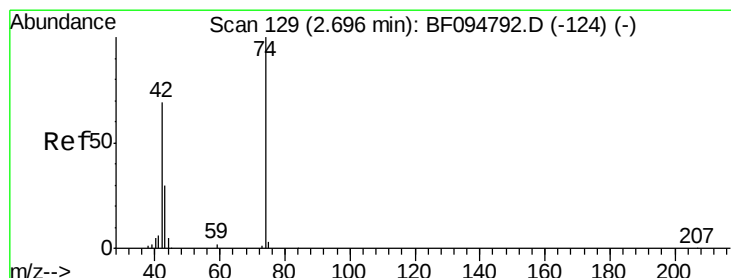
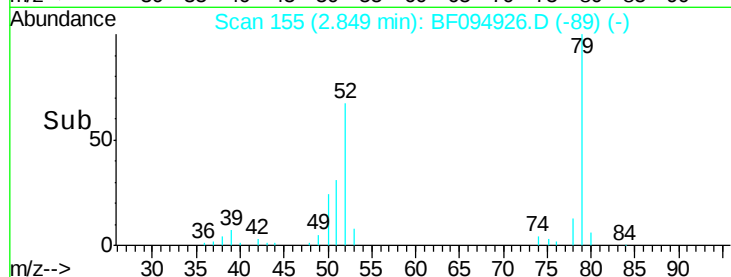
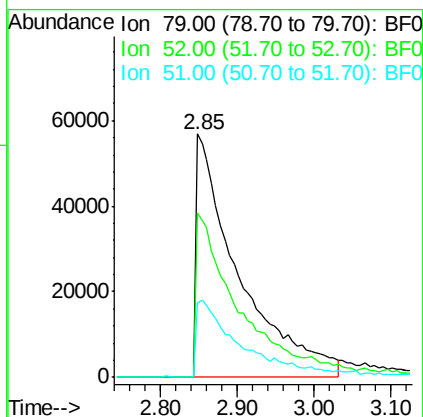
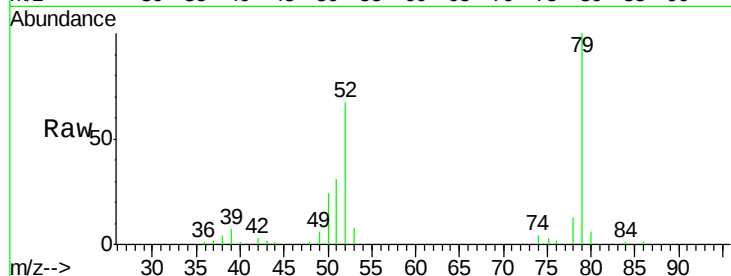
ClientSampleId :

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Tgt Ion:	79	Resp:	217597
Ion	Ratio	Lower	Upper
79	100		
52	67.3	54.8	82.2
51	30.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 41.71 ng

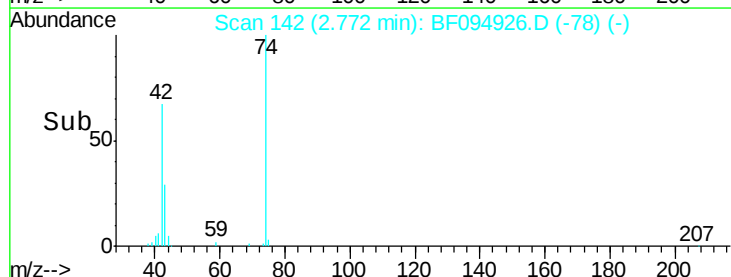
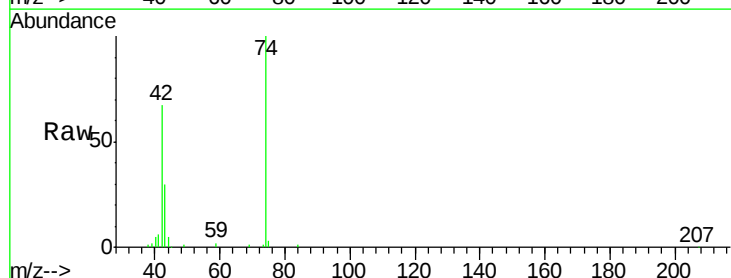
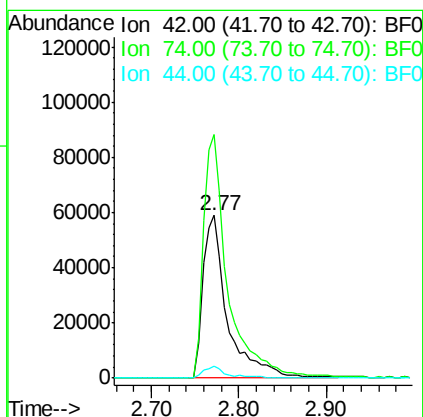
RT: 2.77 min Scan# 142

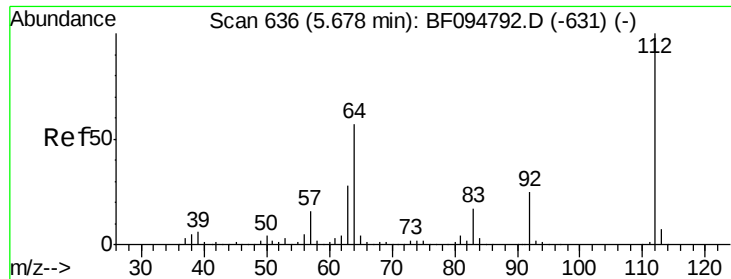
Delta R.T. 0.08 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	42	Resp:	114448
Ion	Ratio	Lower	Upper
42	100		
74	149.7	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 136.17 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

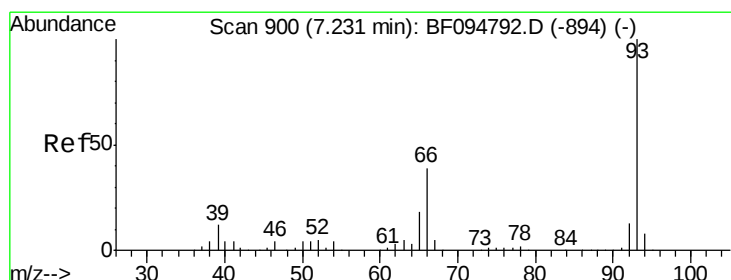
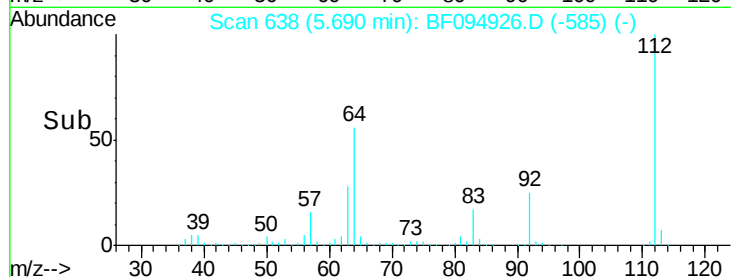
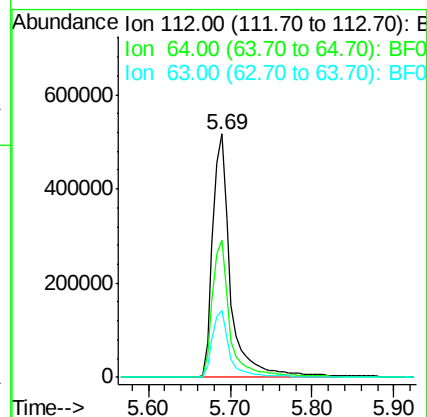
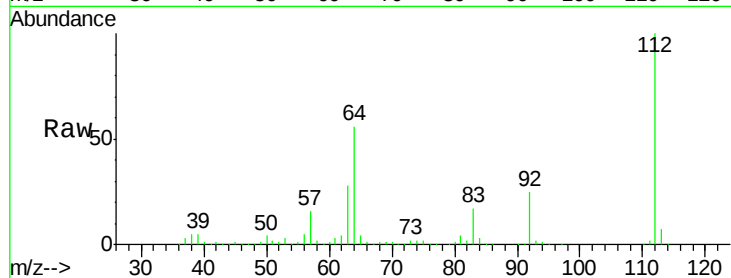
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Tgt Ion:	112	Resp:	788696
Ion Ratio	Lower	Upper	
112	100		
64	56.3	46.0	69.0
63	27.7	23.4	35.0

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#6

Aniline

Concen: 13.13 ng

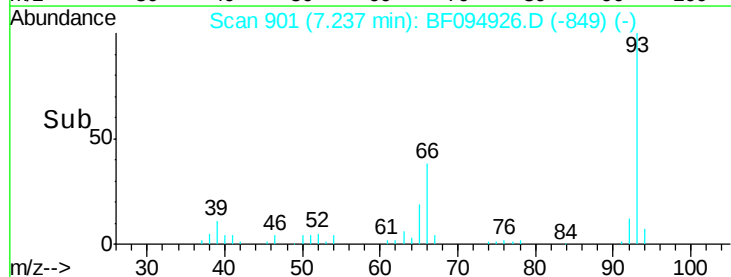
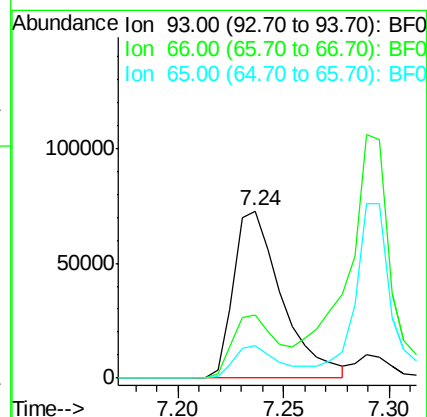
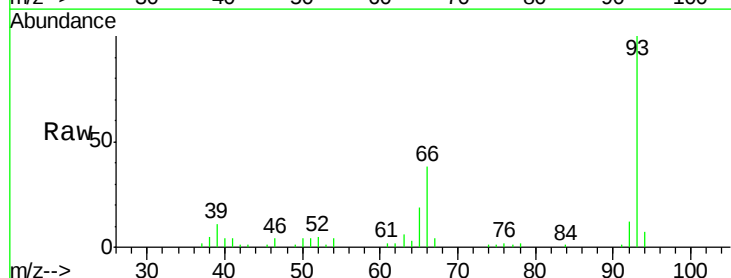
RT: 7.24 min Scan# 901

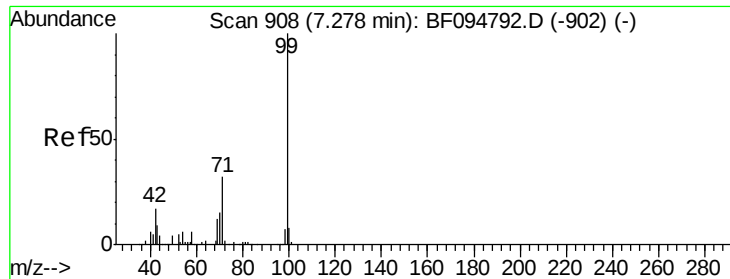
Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	93	Resp:	115173
Ion Ratio	Lower	Upper	
93	100		
66	38.1	32.9	49.3
65	19.2	16.0	24.0





#7

Phenol-d6

Concen: 139.57 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

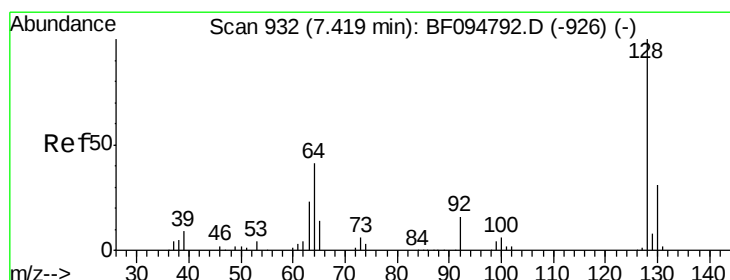
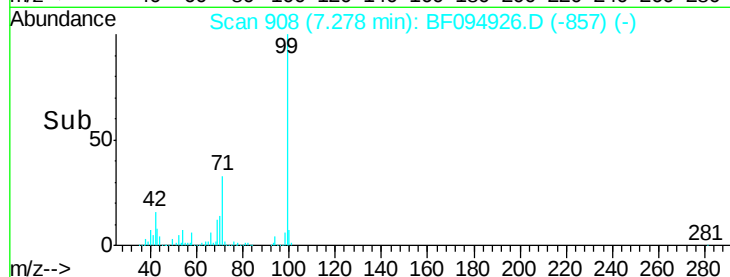
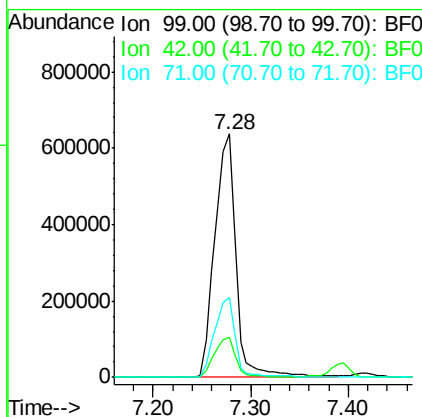
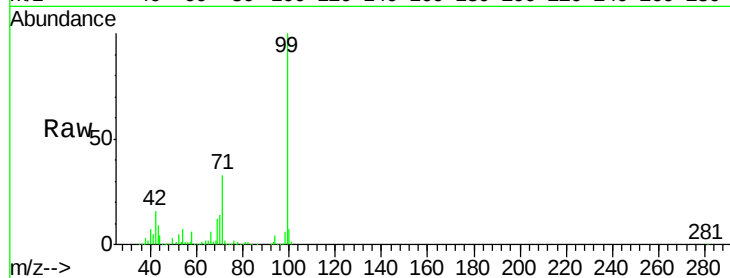
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Tgt Ion:	99	Resp:	969919
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	33.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 45.71 ng

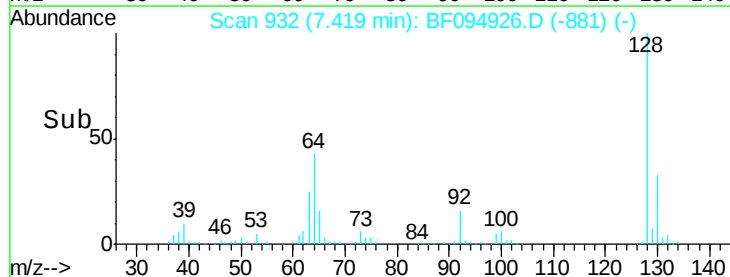
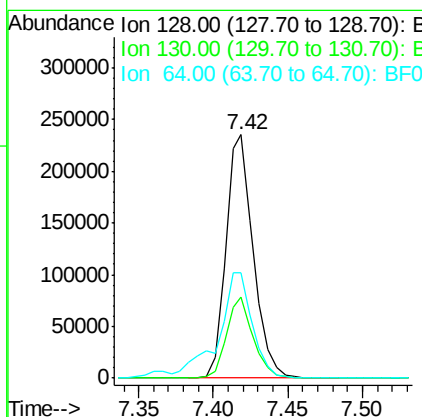
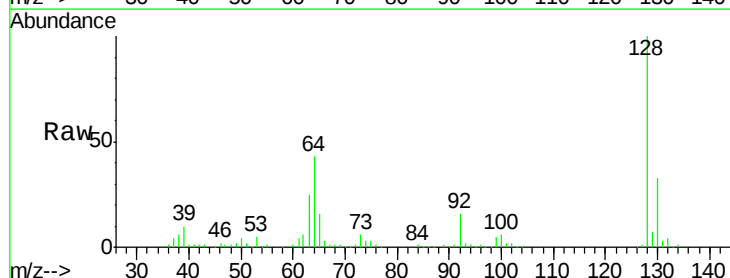
RT: 7.42 min Scan# 932

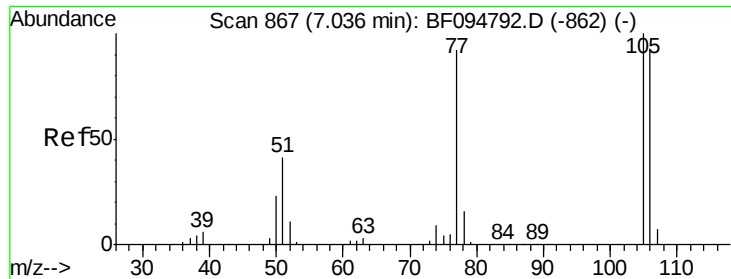
Delta R.T. 0.00 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	128	Resp:	301310
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	43.2	28.4	68.4





#9

Benzaldehyde

Concen: 11.21 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

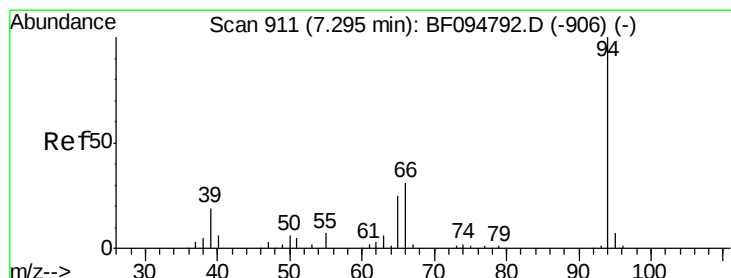
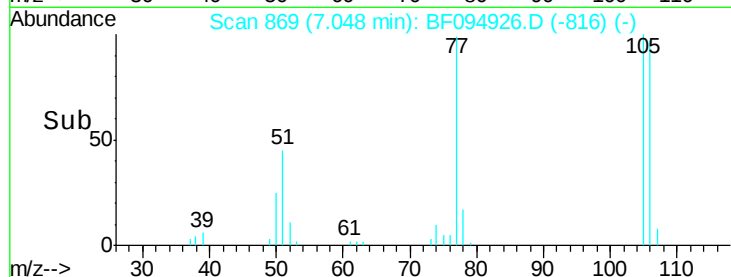
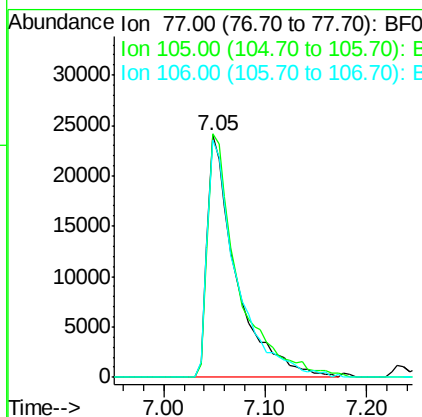
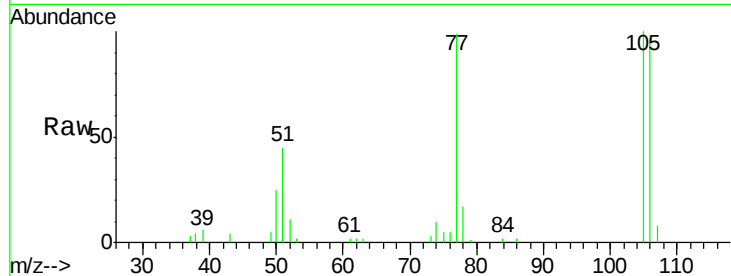
ClientSampleId :

PB98685BS

Tgt Ion:	77	Resp:	47585
Ion	Ratio	Lower	Upper
77	100		
105	100.7	83.8	123.8
106	97.9	79.1	119.1

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#10

Phenol

Concen: 46.62 ng

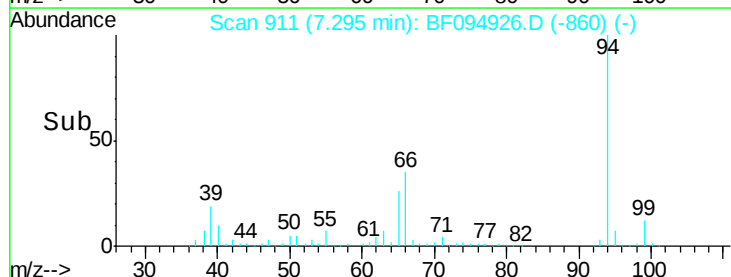
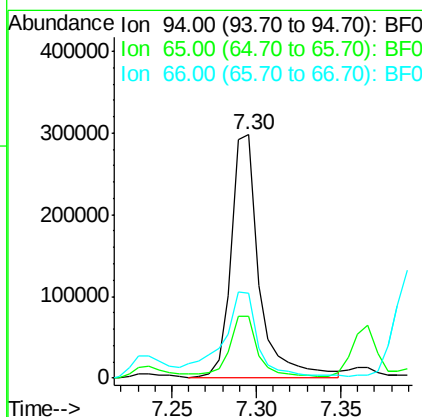
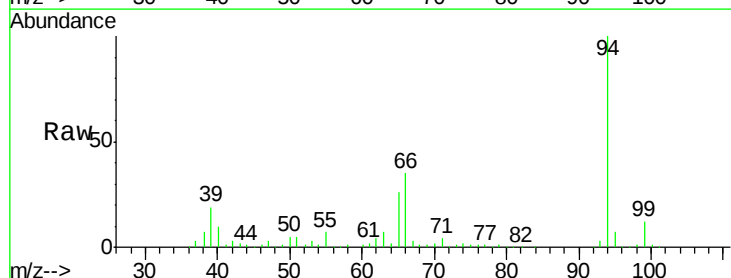
RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	341363
Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.9	49.9
66	34.8	23.1	63.1





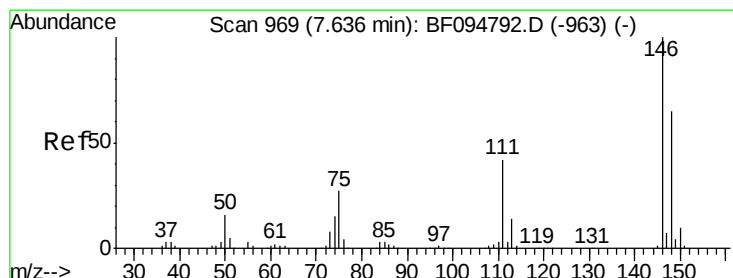
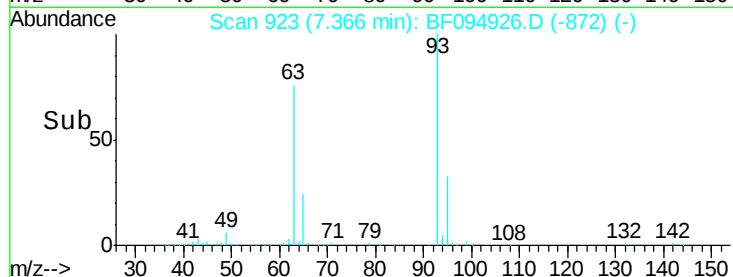
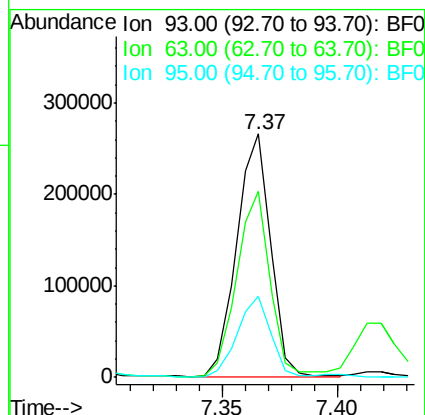
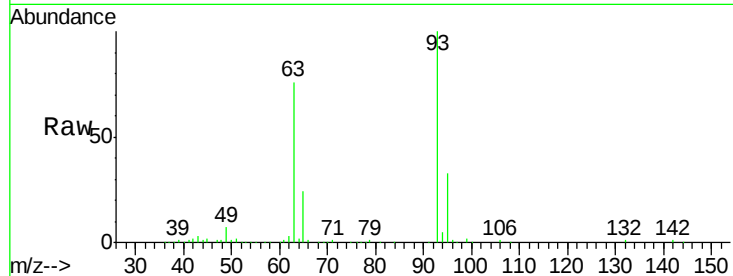
#11
bis(2-Chloroethyl)ether
Concen: 44.81 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270875		
63	76.2	59.2	99.2	
95	33.1	12.8	52.8	

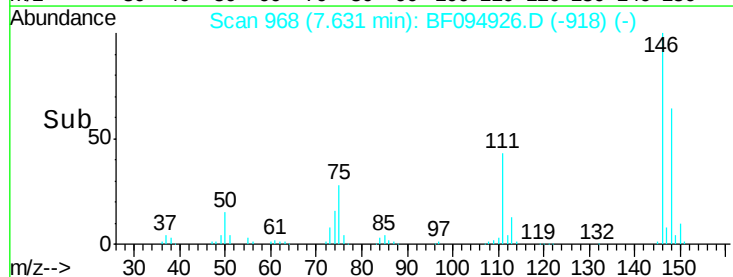
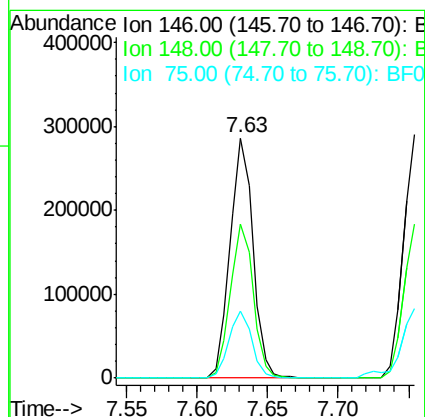
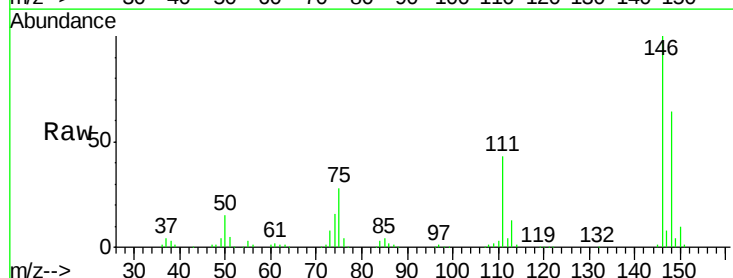
Manual Integrations
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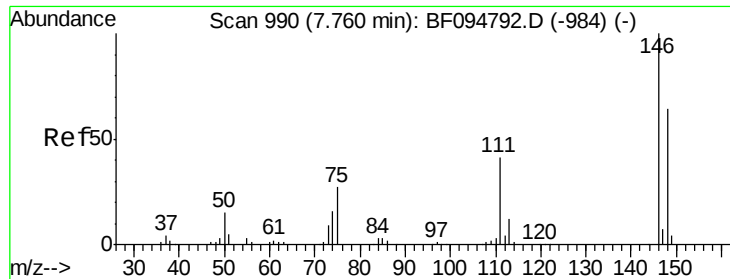
mohammad
5/8/2017 2:47:53 PM



#12
1,3-Dichlorobenzene
Concen: 43.37 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324321		
148	64.2	51.8	77.6	
75	28.0	23.1	34.7	





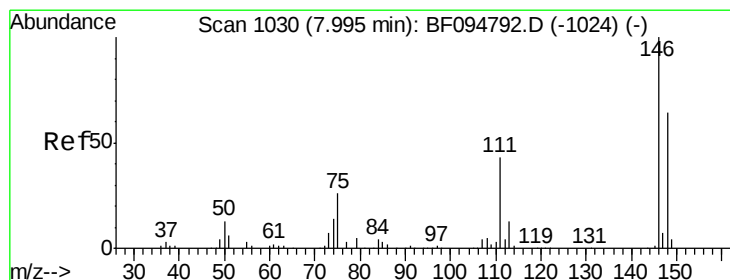
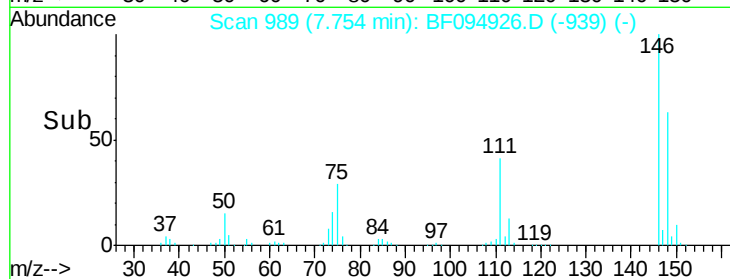
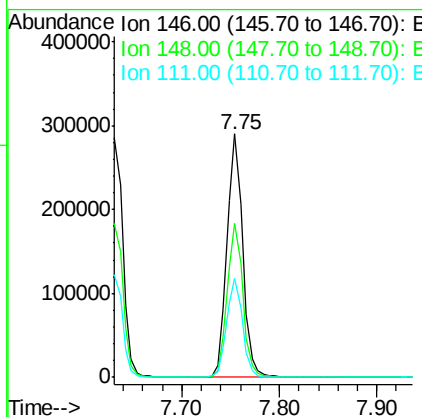
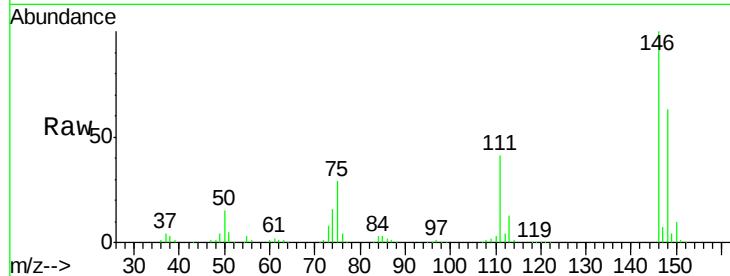
#13
1,4-Dichlorobenzene
Concen: 42.76 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	40.8	30.3	45.5

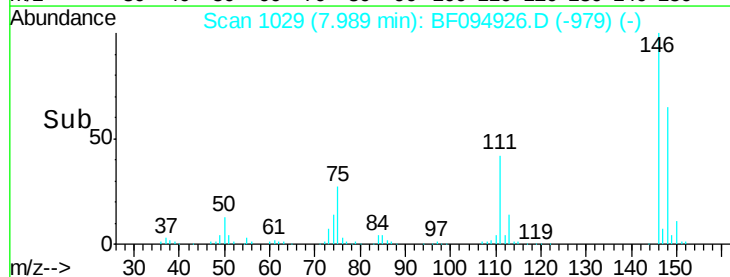
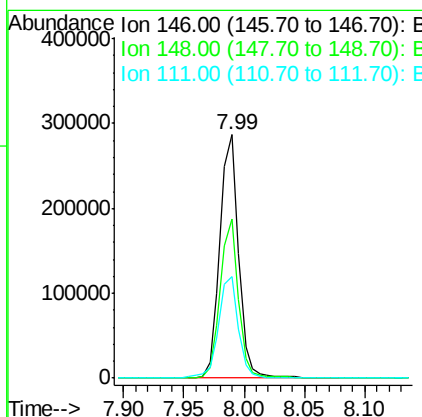
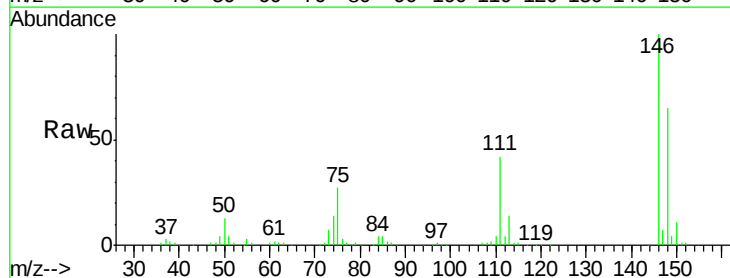
Manual Integrations
APPROVED

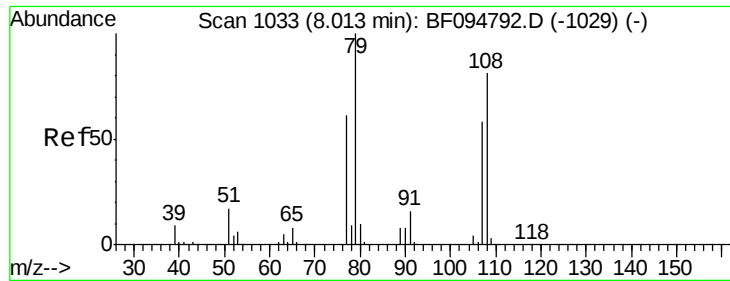
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.31 ng
RT: 7.99 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.4	75.6
111	41.8	38.2	57.4





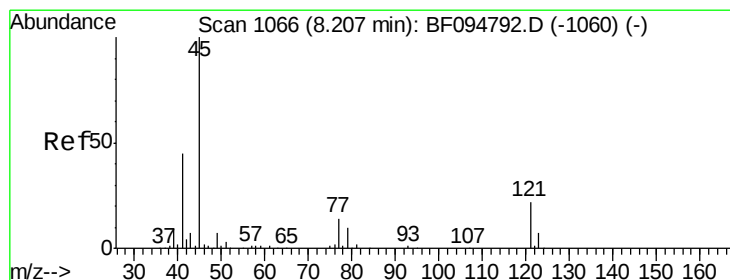
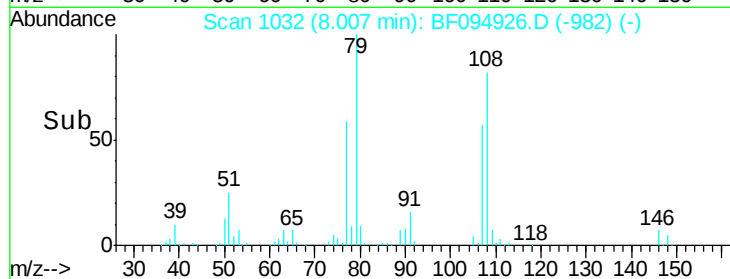
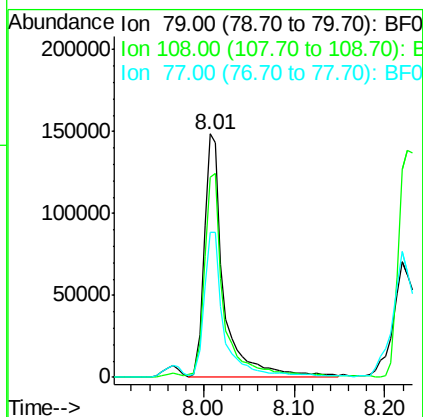
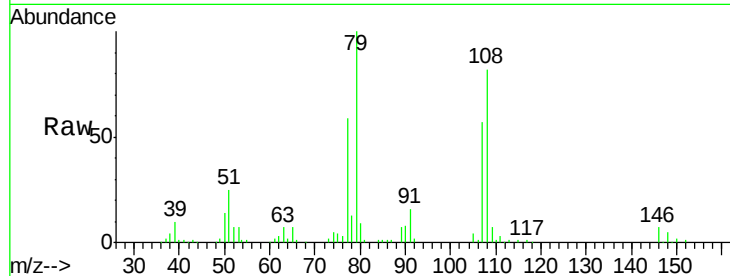
#15
Benzyl Alcohol
Concen: 49.94 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	223226		
108	82.3	63.4	95.0	
77	59.5	49.2	73.8	

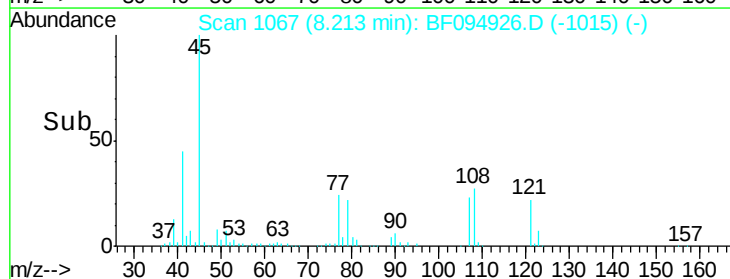
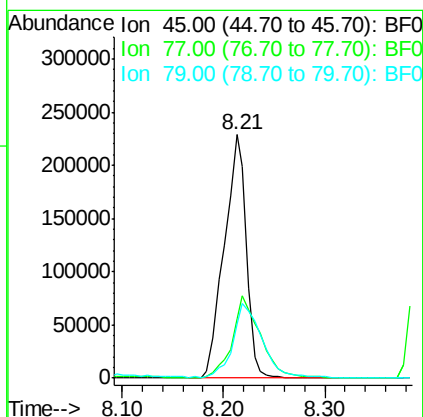
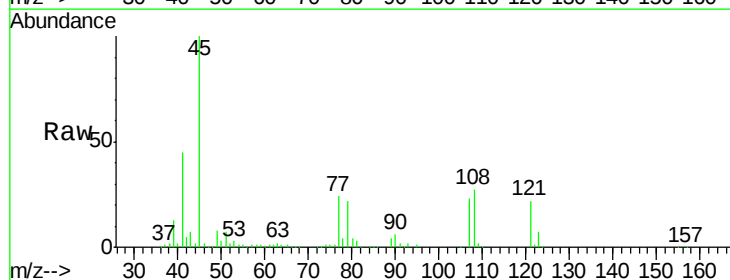
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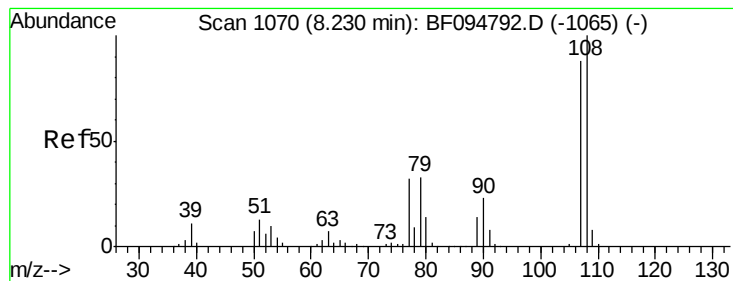
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.55 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	346925		
77	24.4	0.0	33.2	
79	22.2	0.0	30.0	





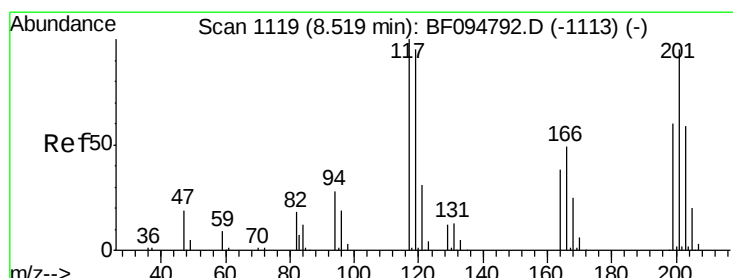
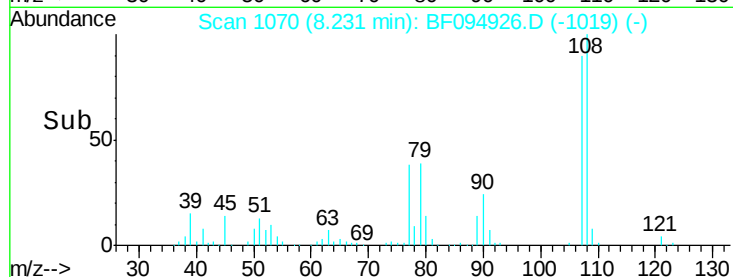
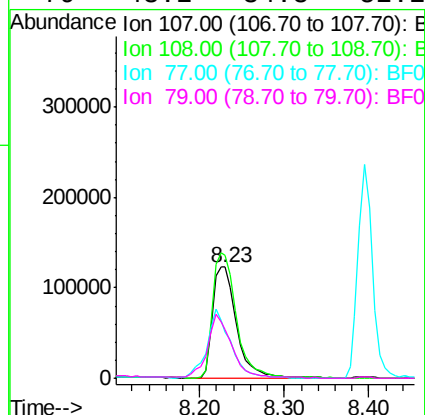
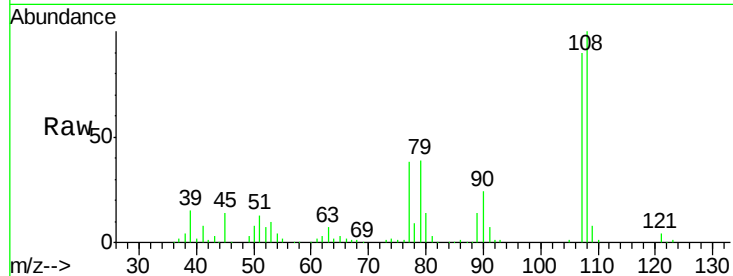
#17
2-Methylphenol
Concen: 45.13 ng
RT: 8.23 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	243456		
108	110.9	93.4	140.0	
77	41.7	35.8	53.6	
79	43.2	34.8	52.2	

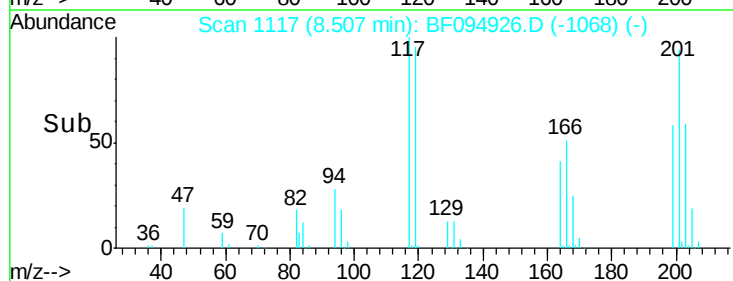
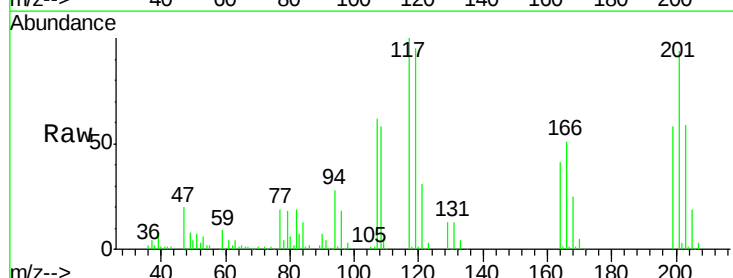
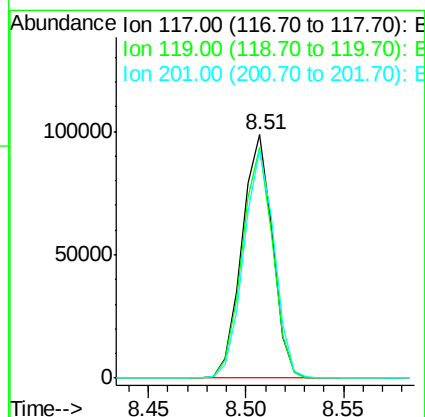
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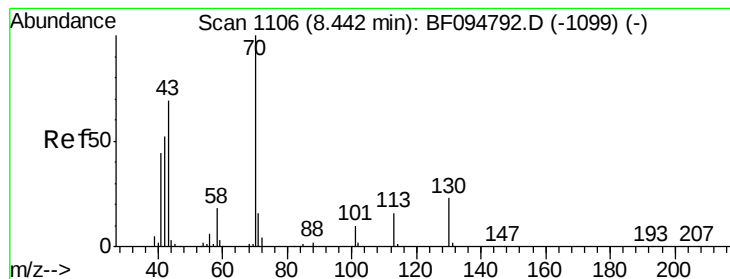
mohammad
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#18
Hexachloroethane
Concen: 41.77 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107319		
119	94.9	77.4	116.0	
201	93.6	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 42.90 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

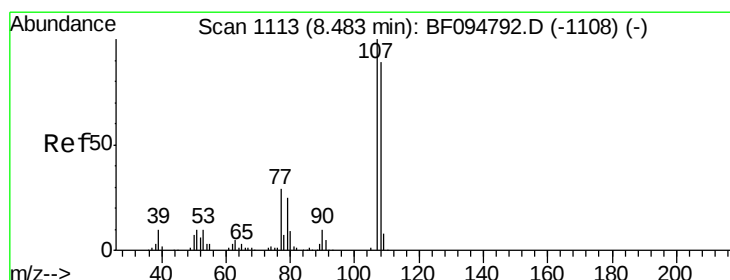
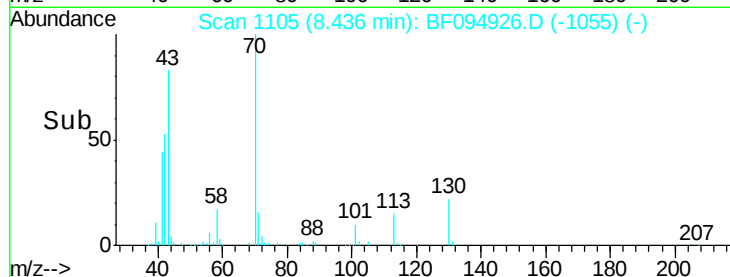
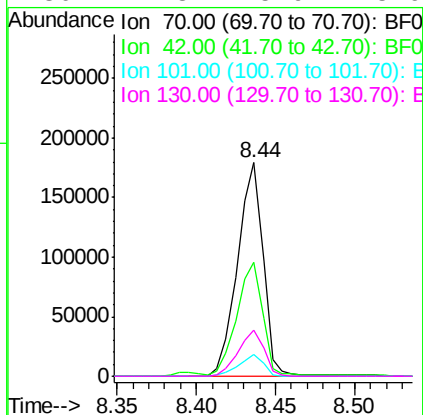
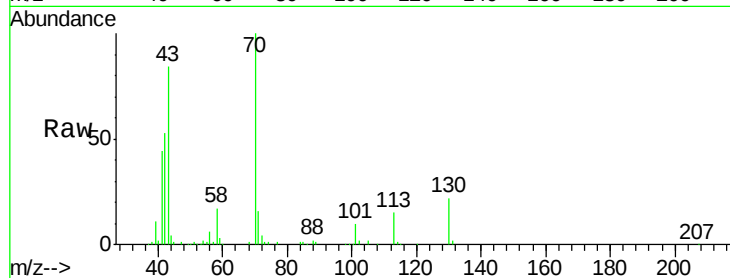
ClientSampleId :

PB98685BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.4	47.2	70.8	
101	10.2	7.2	10.8	
130	21.8	15.9	23.9	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 43.82 ng

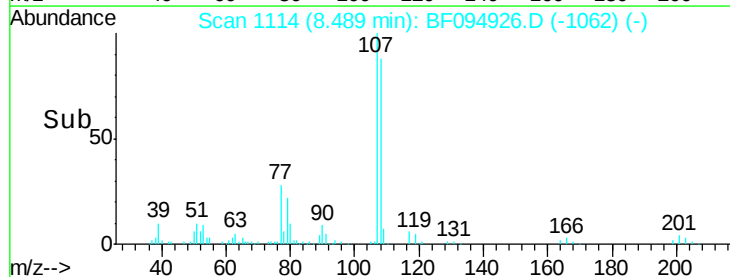
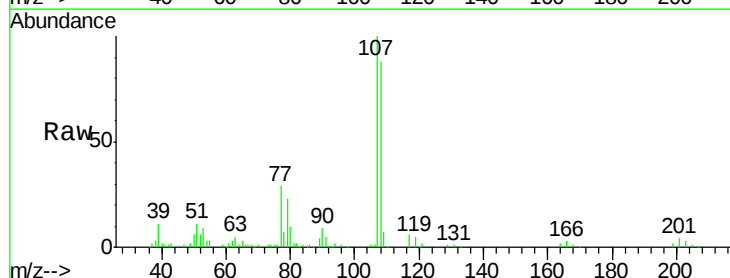
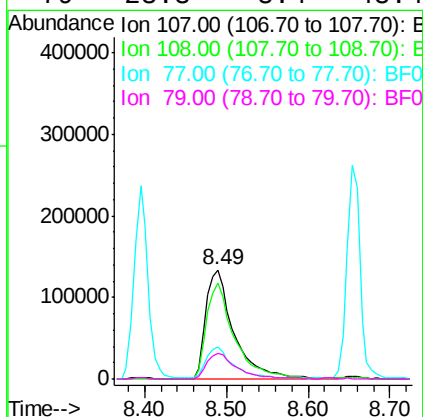
RT: 8.49 min Scan# 1114

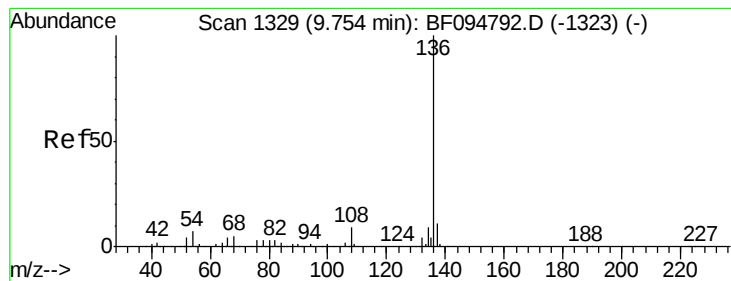
Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	71.0	111.0	
77	29.2	90.5	130.5#	
79	23.3	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

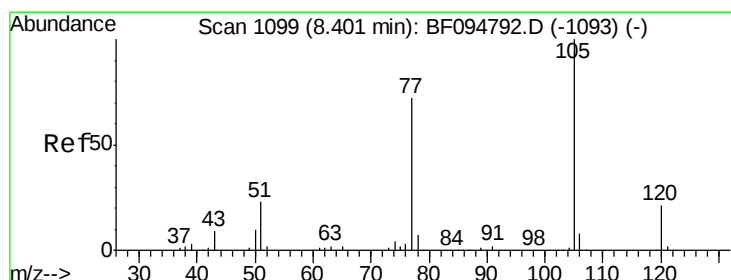
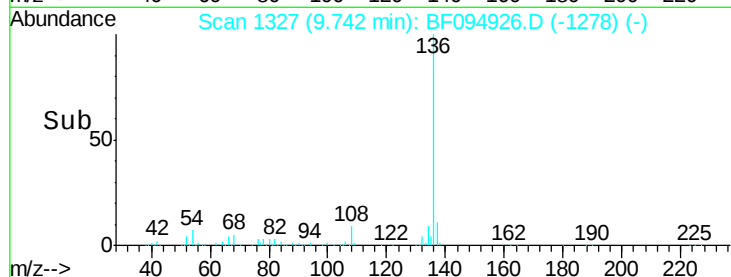
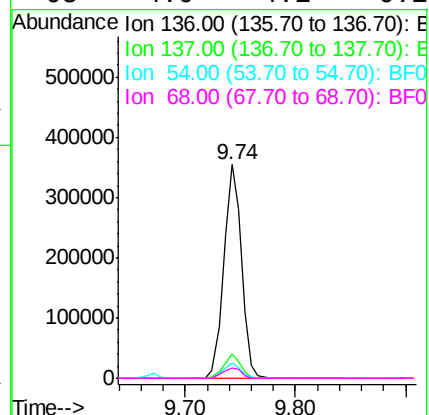
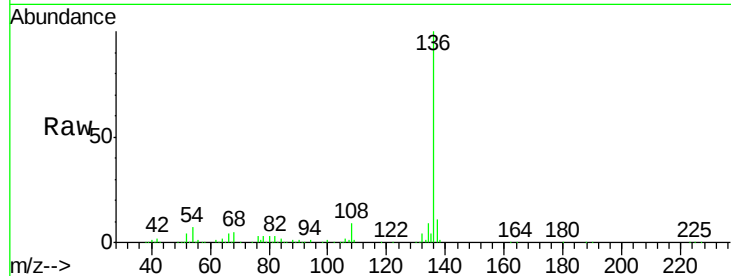
ClientSampleId :

PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	393926		
137	11.3	8.5	12.7	
54	7.2	4.9	7.3	
68	4.9	4.1	6.1	

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#22

Acetophenone

Concen: 41.99 ng

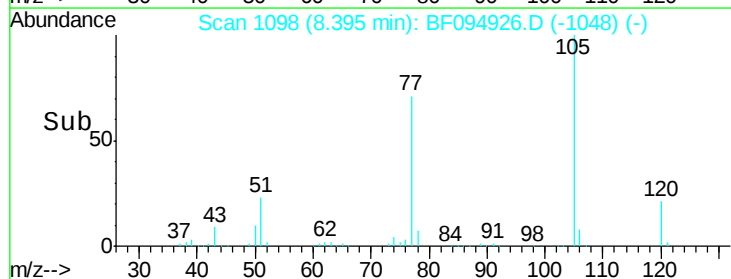
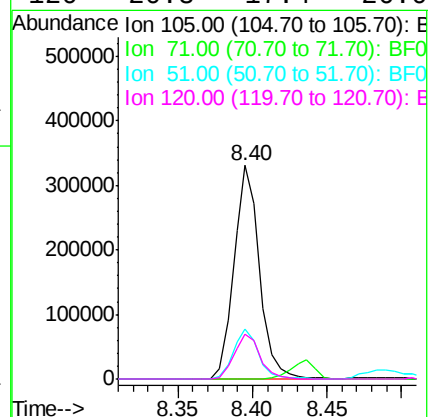
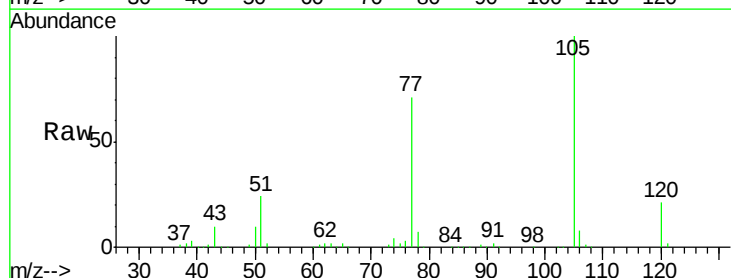
RT: 8.40 min Scan# 1098

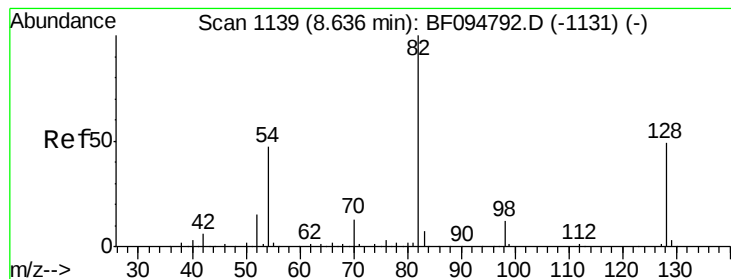
Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	396831		
71	0.0	2.8	4.2#	
51	23.5	30.7	46.1#	
120	20.8	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 90.16 ng

RT: 8.63 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

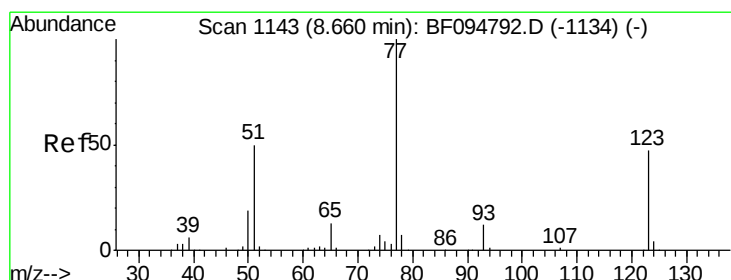
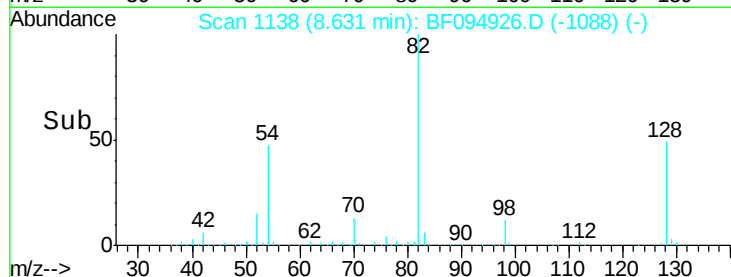
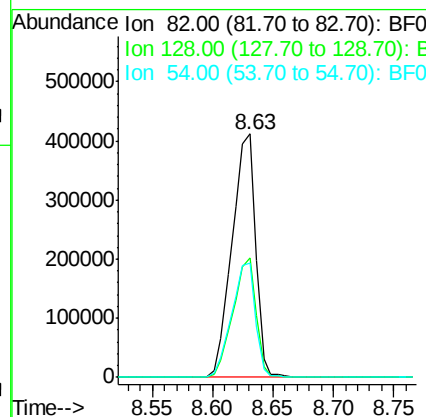
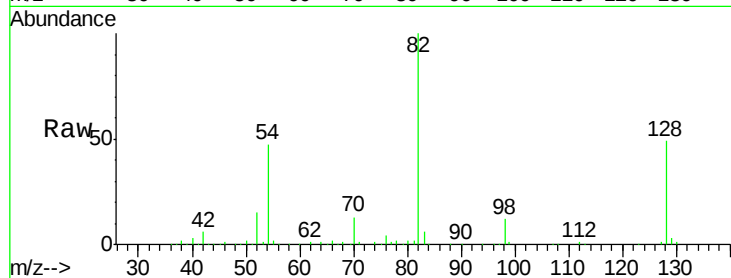
ClientSampleId :

PB98685BS

Tgt Ion:	82	Resp:	563229
Ion Ratio	Lower	Upper	
82	100		
128	49.1	34.0	51.0
54	46.8	42.2	63.2

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#24

Nitrobenzene

Concen: 44.91 ng

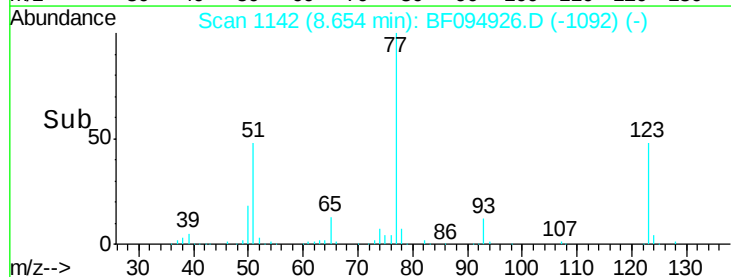
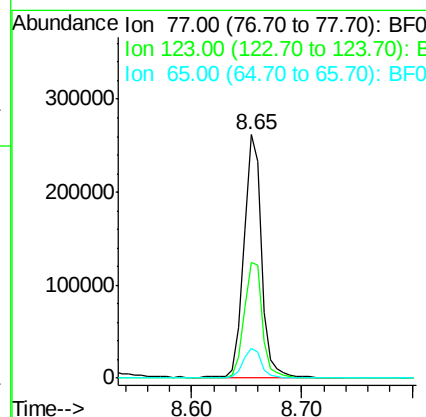
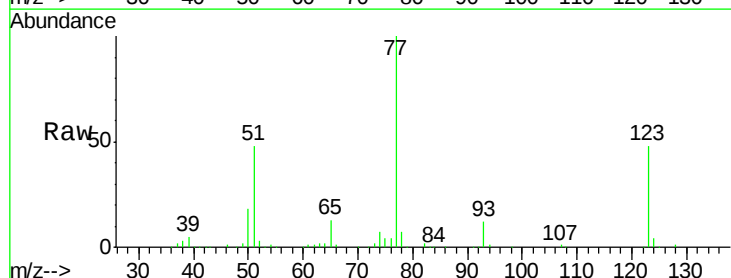
RT: 8.65 min Scan# 1142

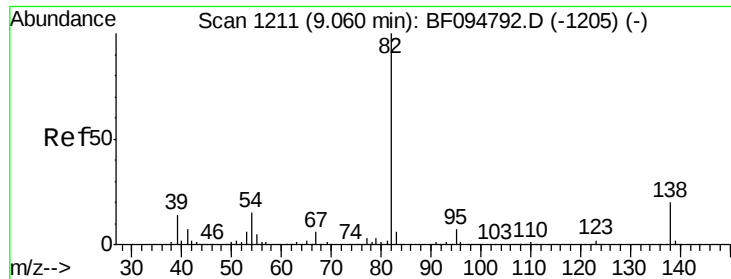
Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	77	Resp:	294044
Ion Ratio	Lower	Upper	
77	100		
123	47.6	35.8	53.8
65	12.5	10.6	15.8





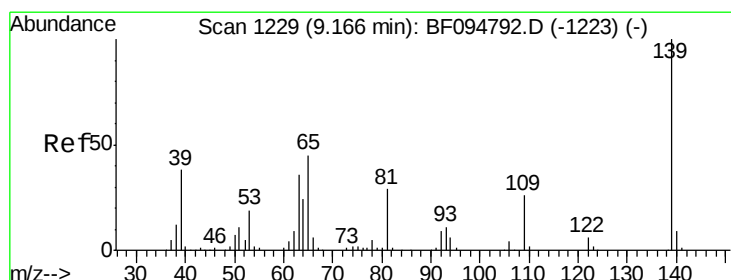
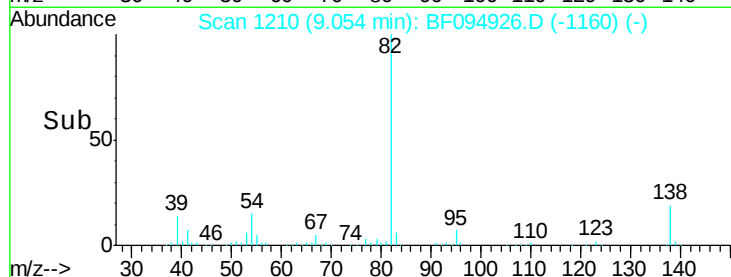
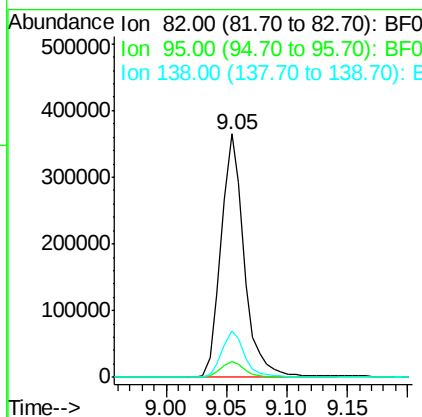
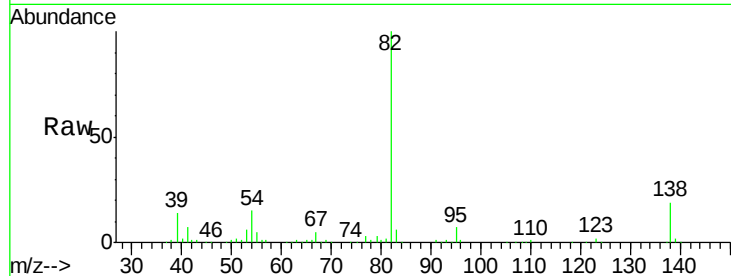
#25
Isophorone
Concen: 43.59 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	486287		
95	6.7	5.3	7.9	
138	19.0	13.1	19.7	

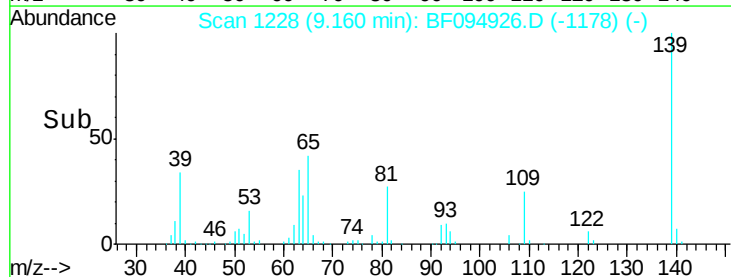
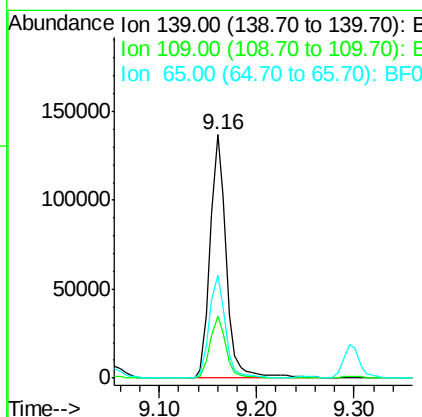
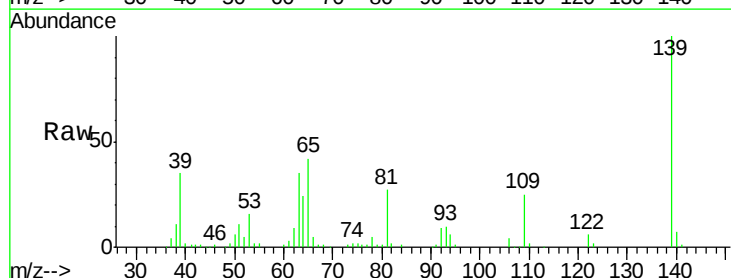
Manual Integrations
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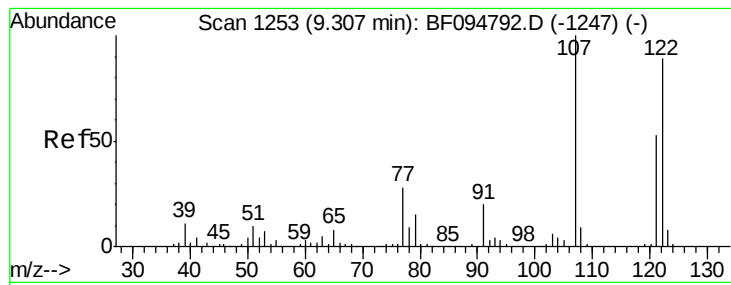
mohammad
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#26
2-Nitrophenol
Concen: 44.72 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	158002		
109	25.2	21.0	31.6	
65	42.3	33.0	49.6	





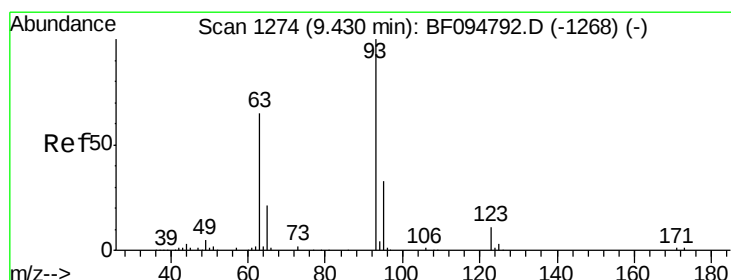
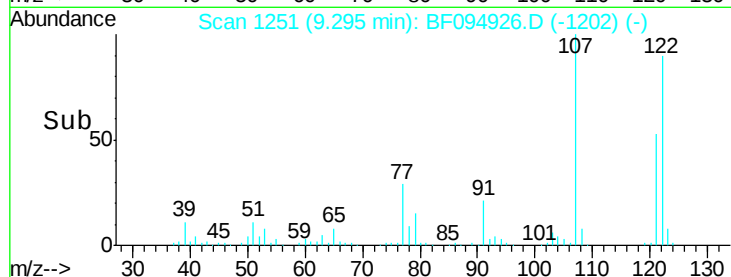
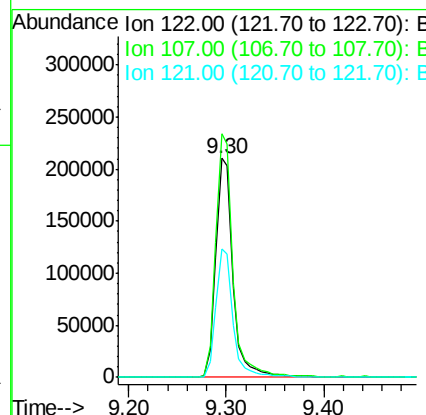
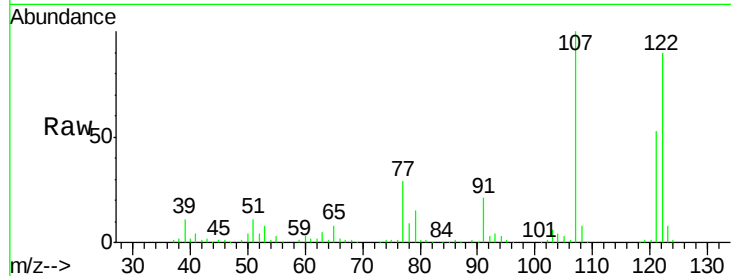
#27
 2,4-Dimethylphenol
 Concen: 45.14 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	257871		
107	111.1	89.2	133.8	
121	58.8	45.2	67.8	

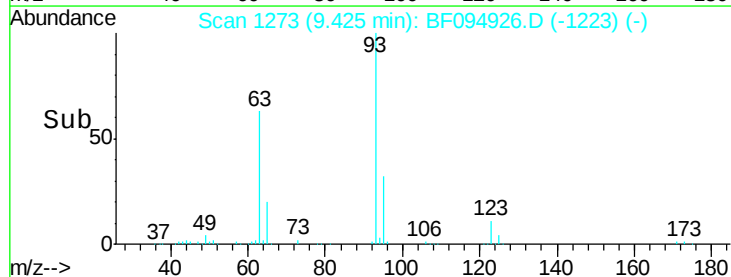
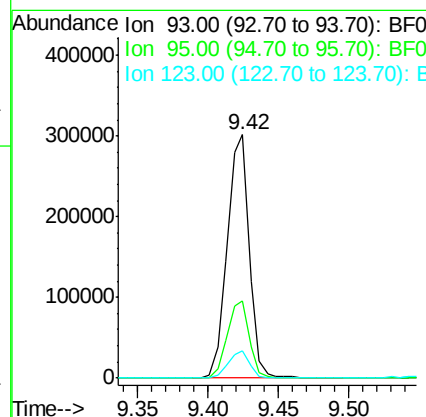
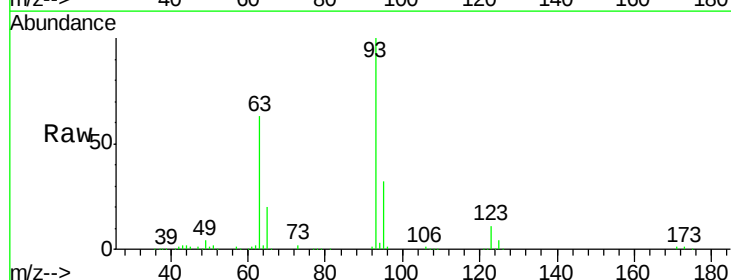
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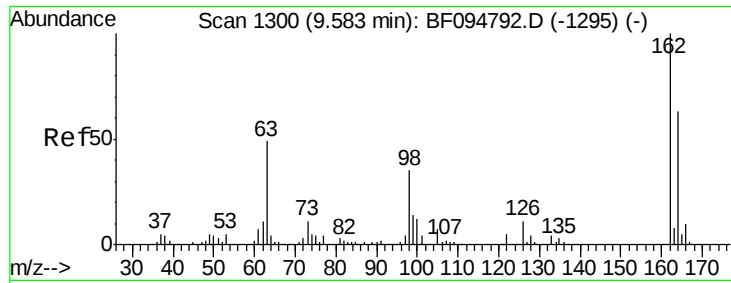
mohammad
 5/8/2017 2:47:53 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.36 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	326907		
95	31.9	26.5	39.7	
123	11.1	9.0	13.4	





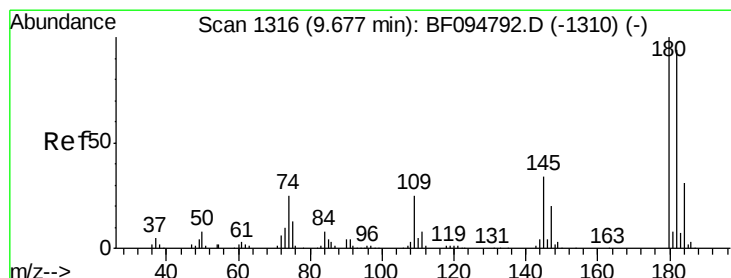
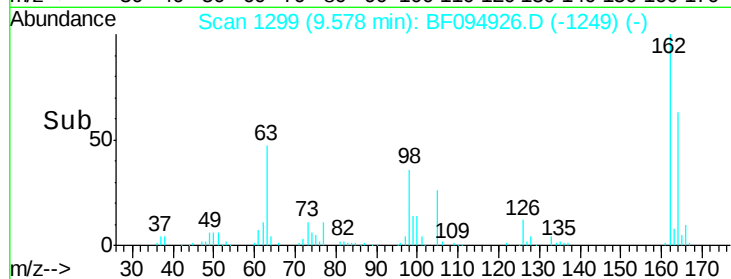
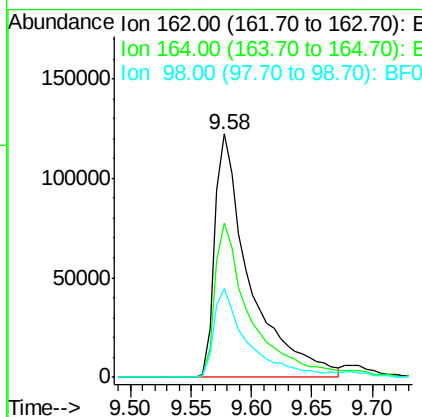
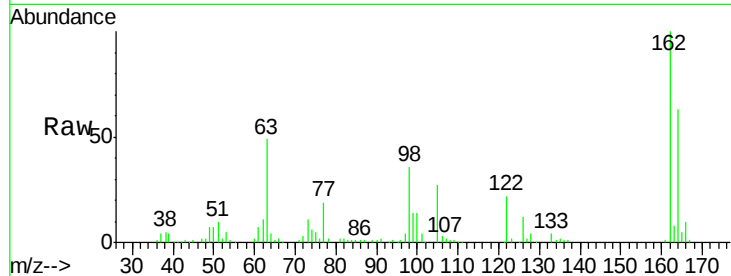
#29
 2,4-Dichlorophenol
 Concen: 45.38 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	44.6	84.6
98	36.4	14.8	54.8

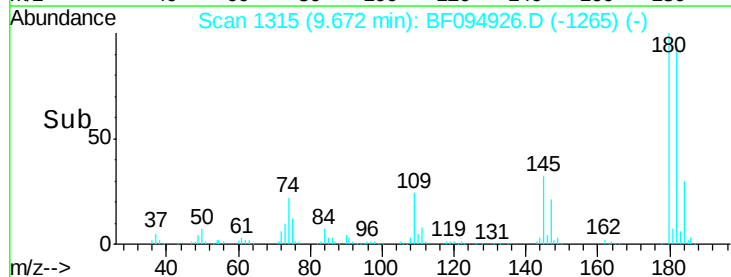
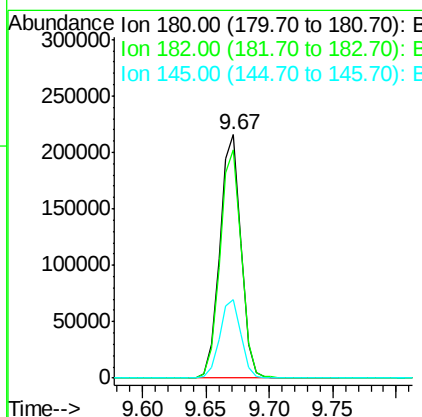
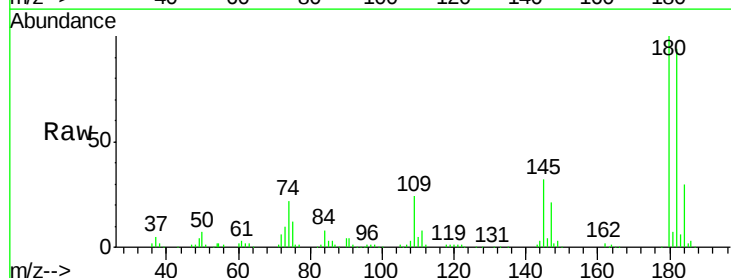
Manual Integrations
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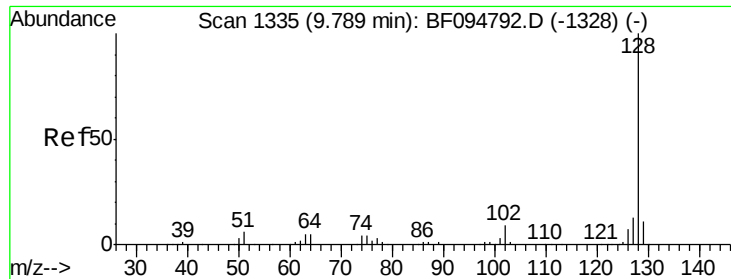
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.24 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.7	75.8	113.6
145	32.1	25.3	37.9





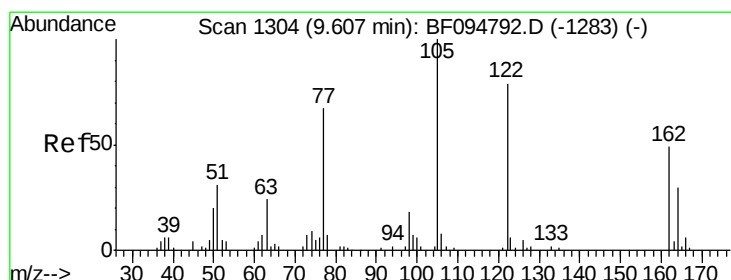
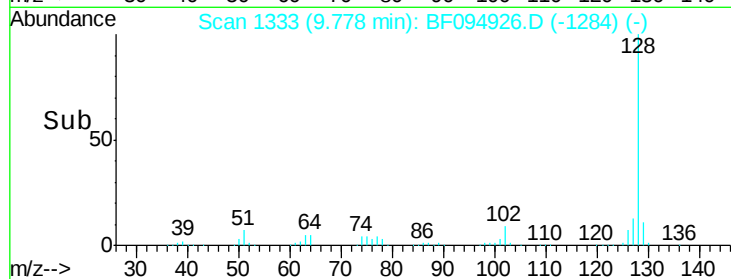
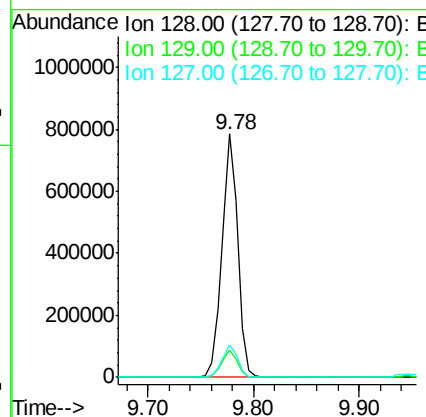
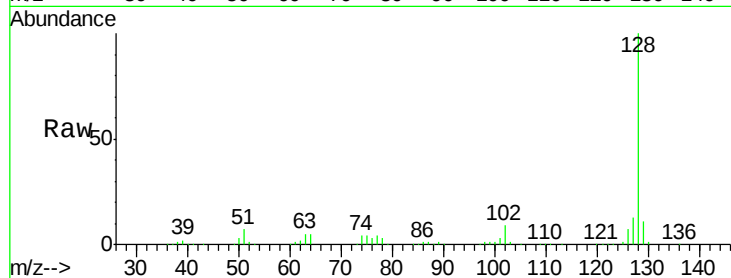
#31
Naphthalene
Concen: 42.43 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampled :
PB98685BS

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

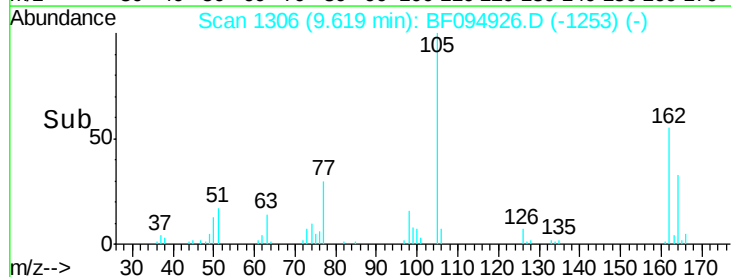
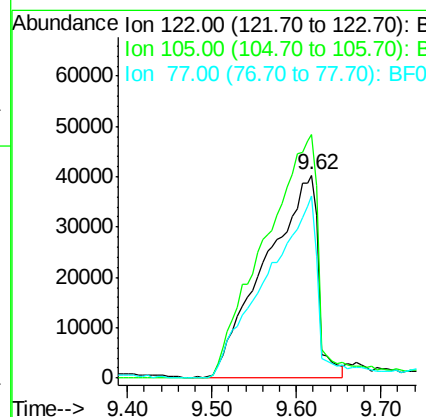
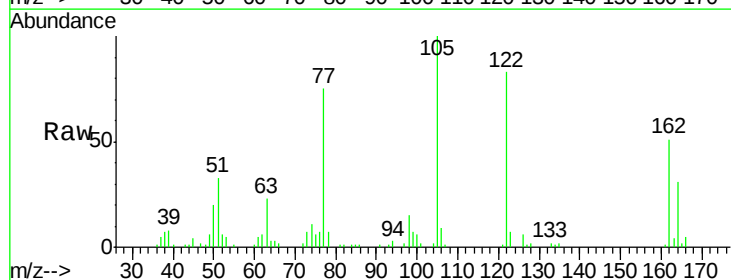
Manual Integrations
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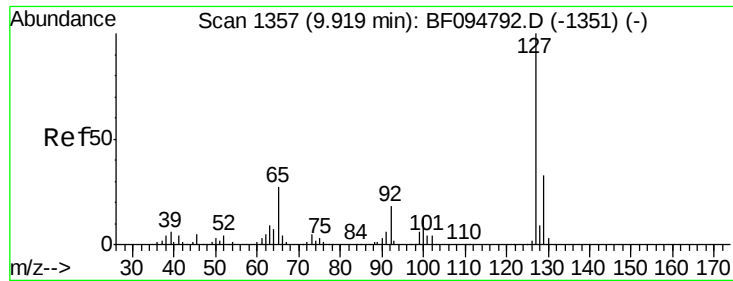
mohammad
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#32
Benzoic acid
Concen: 46.96 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.0	103.3	143.3	
77	89.6	73.7	113.7	





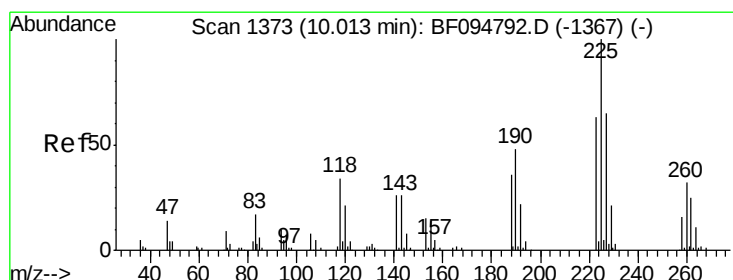
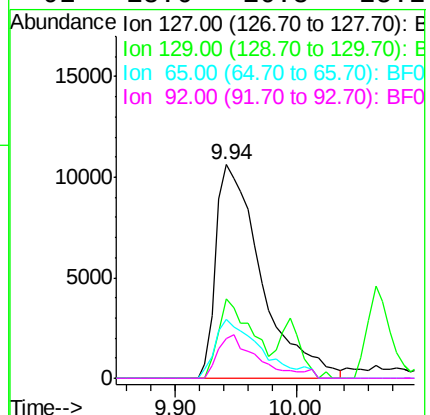
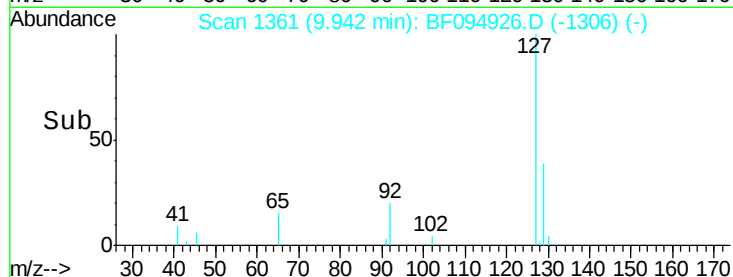
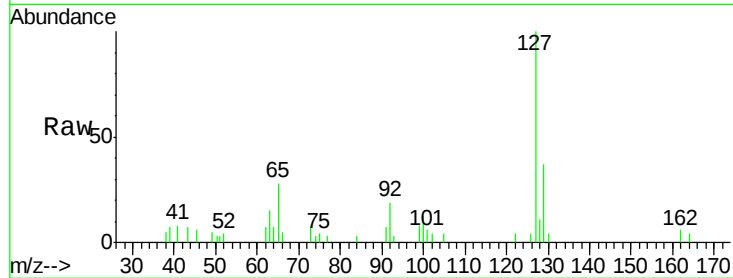
#33
4-Chloroaniline
Concen: 3.77 ng
RT: 9.94 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	27787		
129	37.0	26.2	39.2	
65	27.7	27.8	41.8	
92	18.6	16.8	25.2	

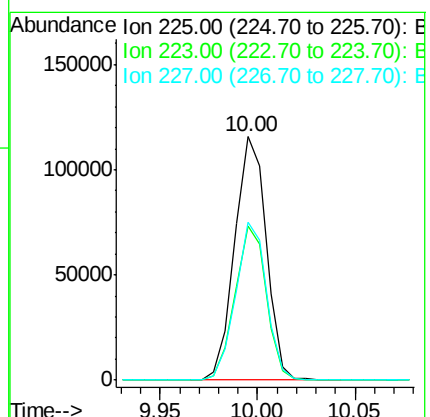
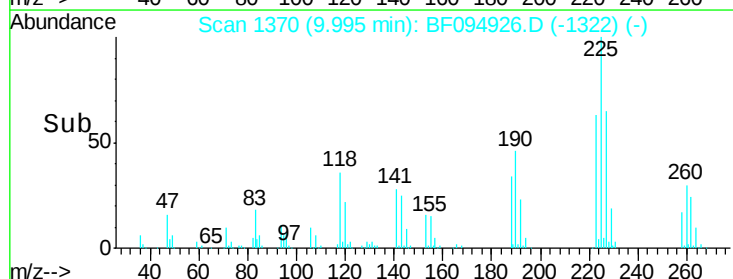
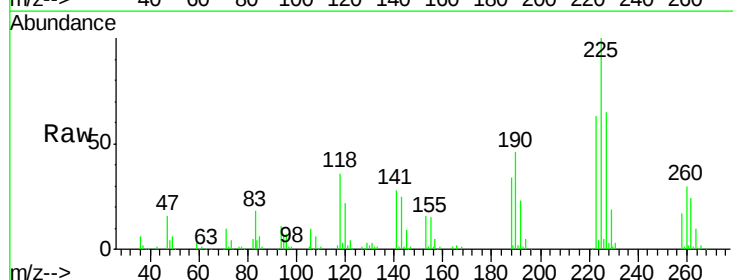
Manual Integrations
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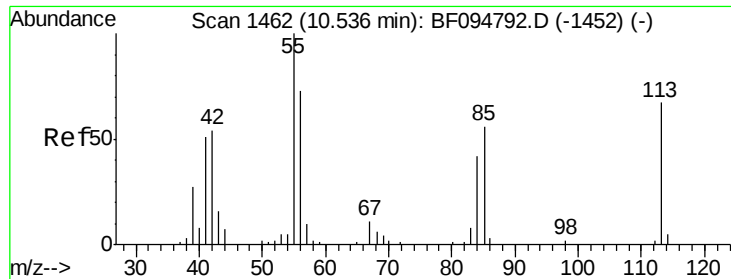
mohammad
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#34
Hexachlorobutadiene
Concen: 42.69 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130166		
223	63.4	48.8	73.2	
227	64.7	51.1	76.7	





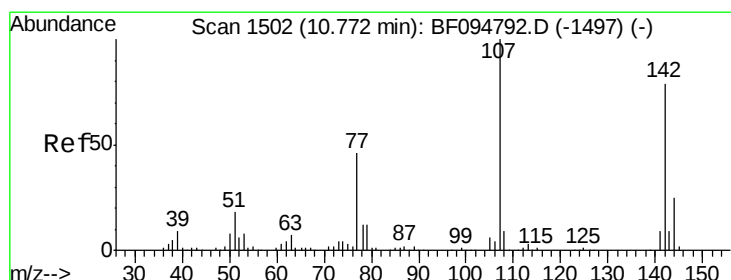
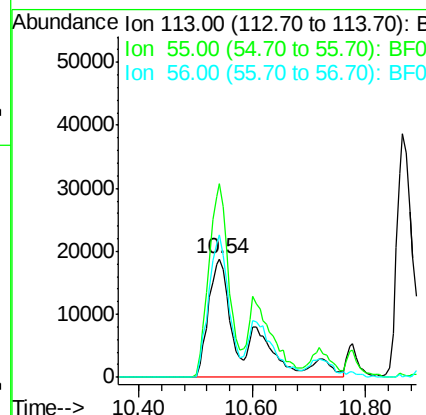
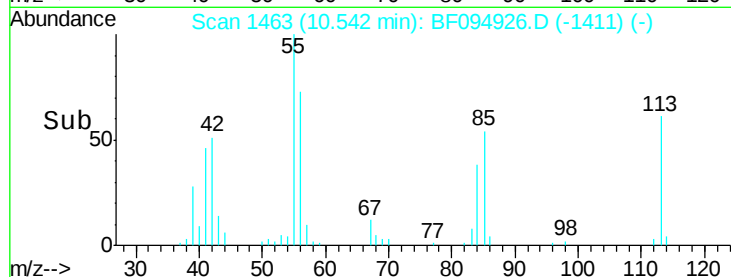
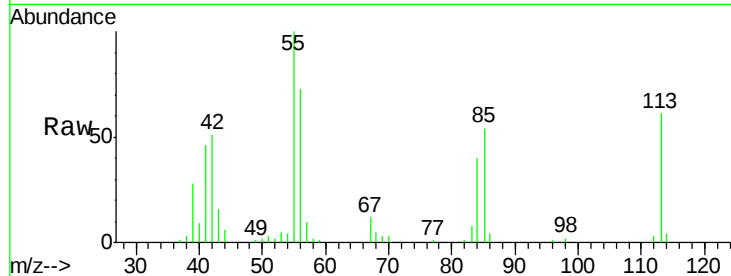
#35
 Caprolactam
 Concen: 49.09 ng m
 RT: 10.54 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampled :
 PB98685BS

Tgt Ion: 113 Resp: 79503
 Ion Ratio Lower Upper
 113 100
 55 163.7 150.2 190.2
 56 119.9 107.8 147.8

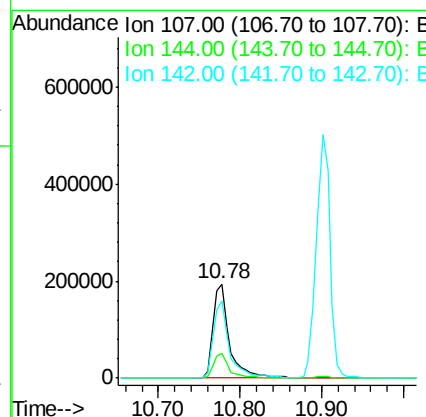
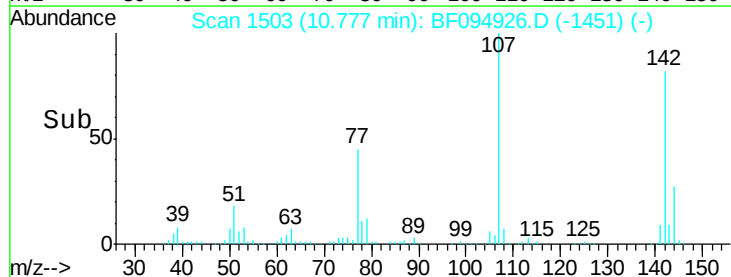
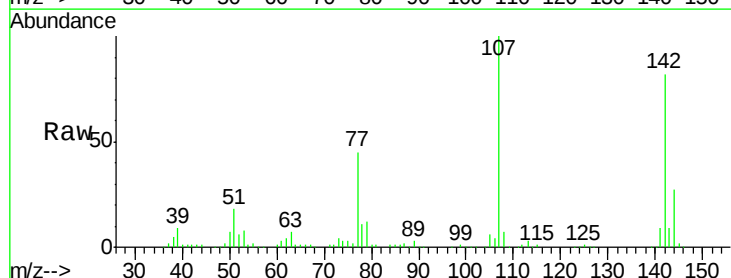
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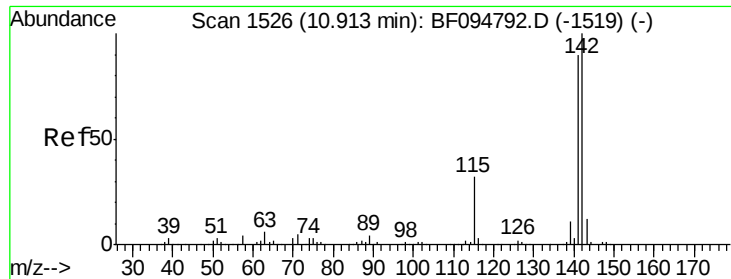
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 46.65 ng
 RT: 10.78 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion: 107 Resp: 269019
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 81.8 73.4 110.0





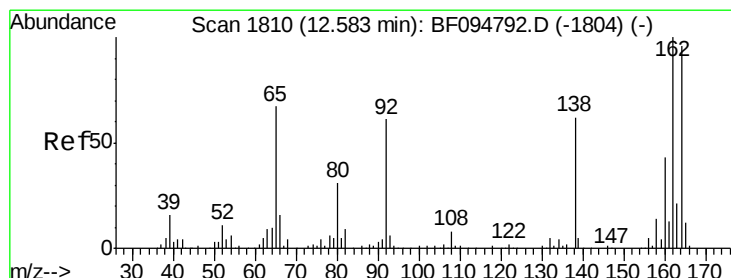
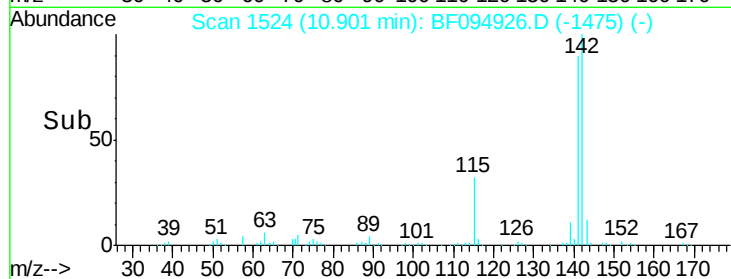
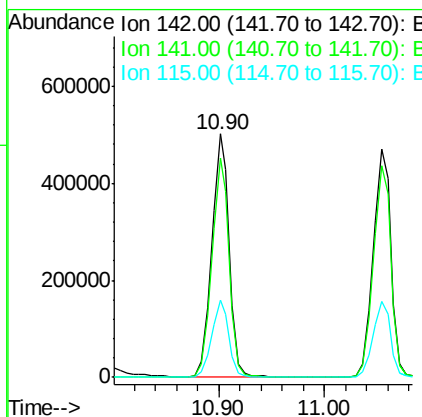
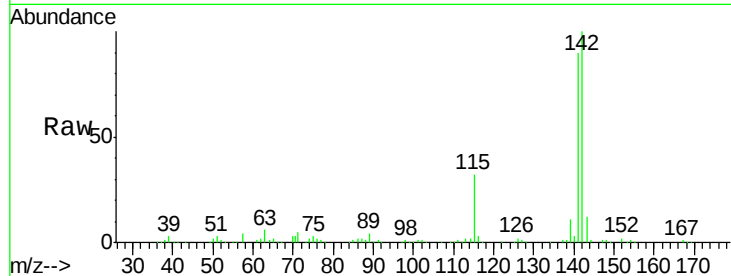
#37
2-Methylnaphthalene
Concen: 44.91 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	583615		
141	90.1	71.3	106.9	
115	31.9	27.1	40.7	

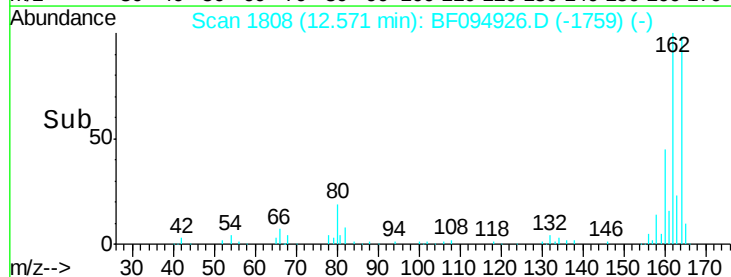
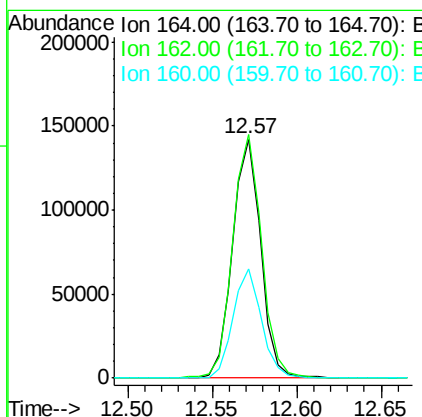
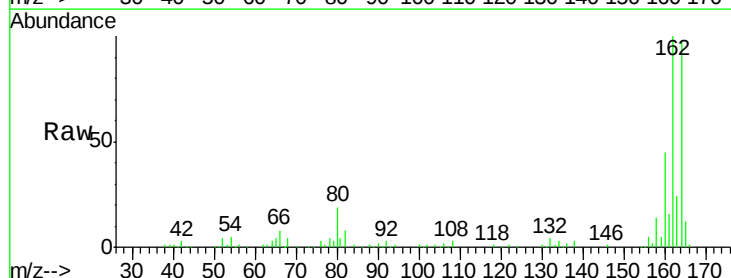
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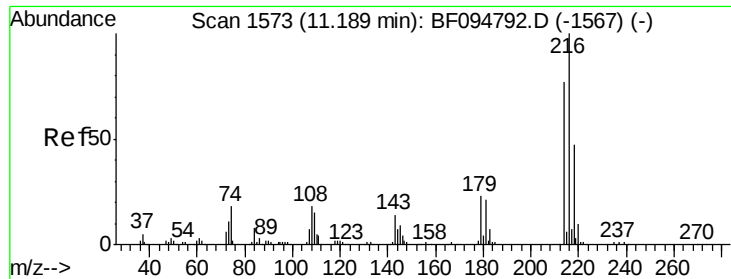
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163869		
162	102.0	82.6	123.8	
160	45.8	36.2	54.2	





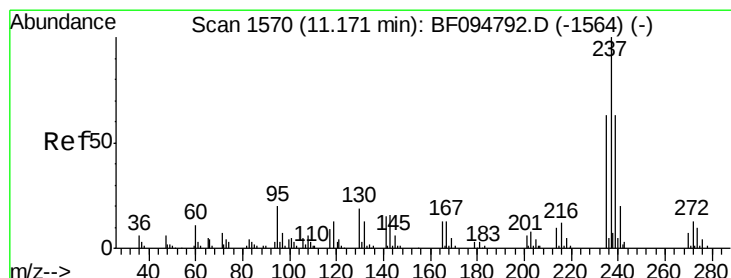
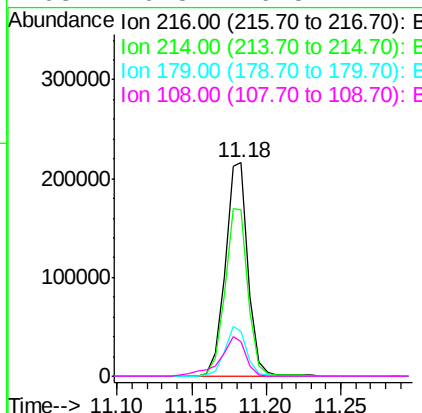
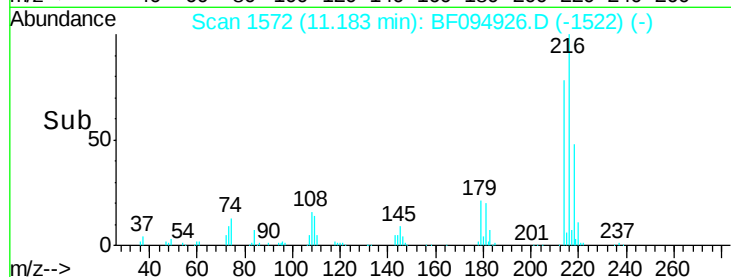
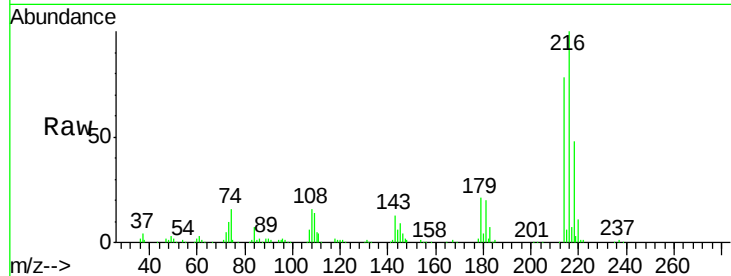
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.16 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	232625		
214	79.6	63.4	95.2	
179	22.3	17.9	26.9	
108	20.8	16.5	24.7	

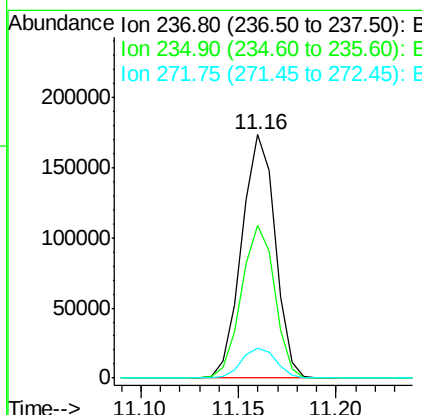
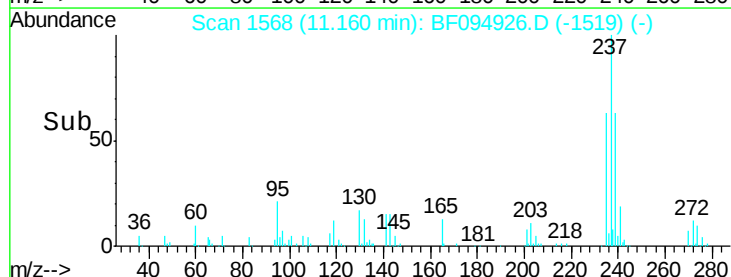
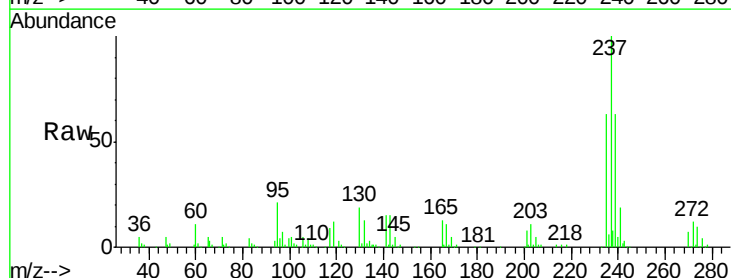
Manual Integrations
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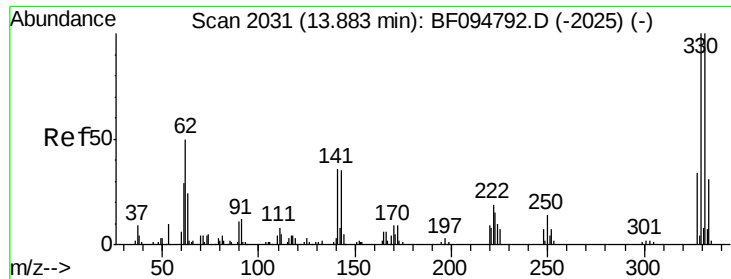
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#40
 Hexachlorocyclopentadiene
 Concen: 96.08 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	206350		
235	62.5	42.6	82.6	
272	12.4	0.0	31.9	





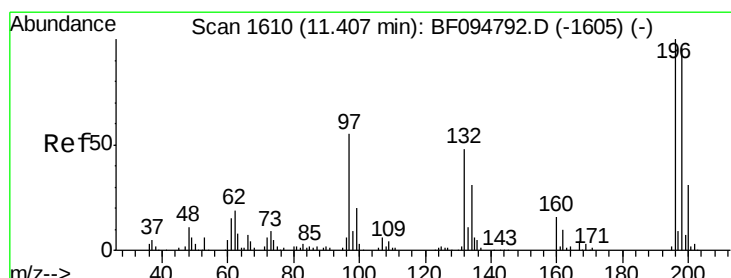
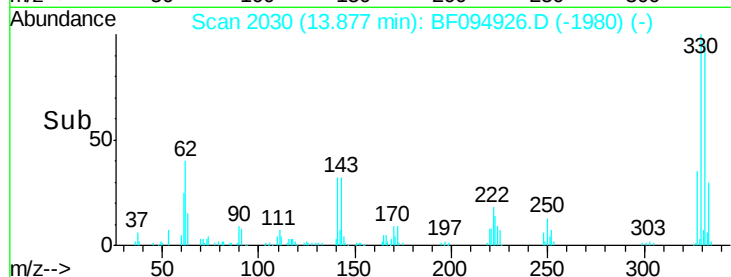
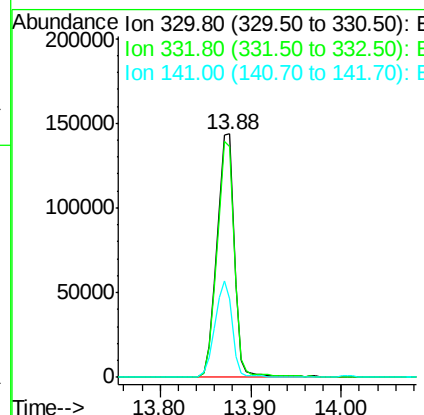
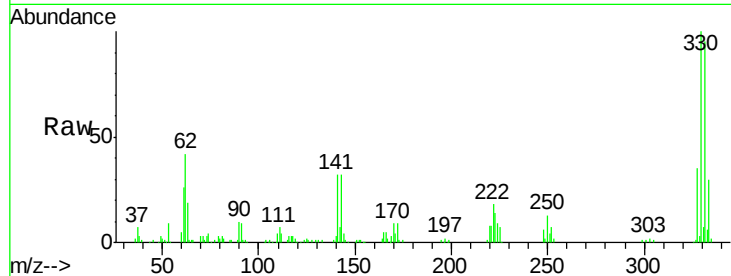
#41
 2,4,6-Tribromophenol
 Concen: 144.18 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	193493		
332	96.5	76.6	115.0	
141	39.1	31.4	47.2	

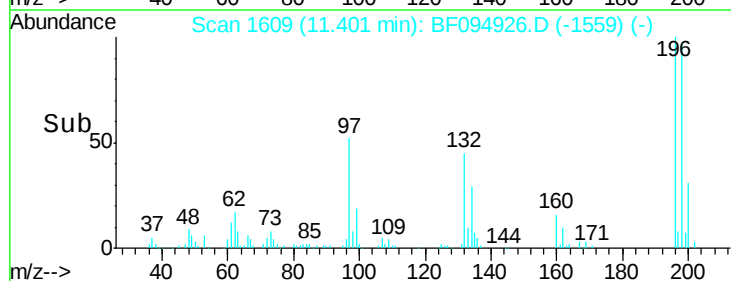
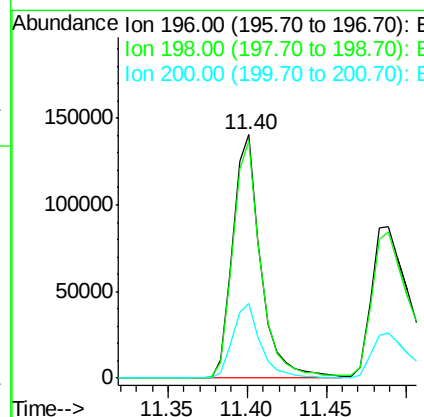
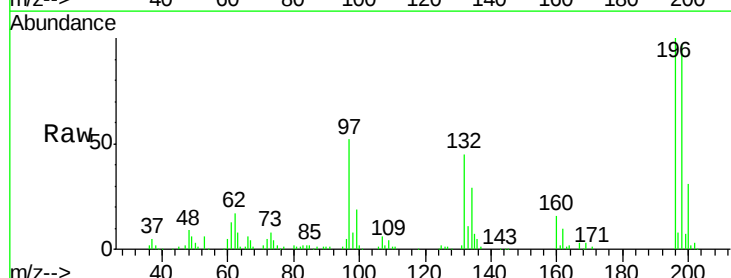
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#42
 2,4,6-Trichlorophenol
 Concen: 51.13 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172028		
198	97.4	74.2	111.4	
200	30.7	24.0	36.0	





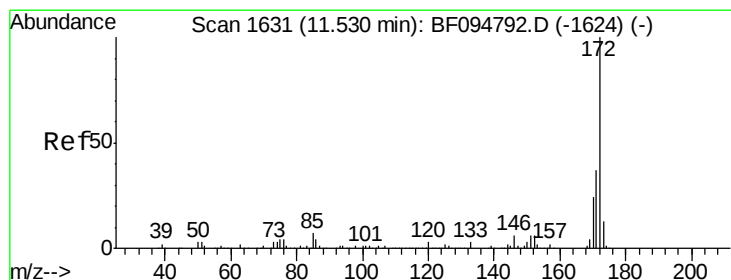
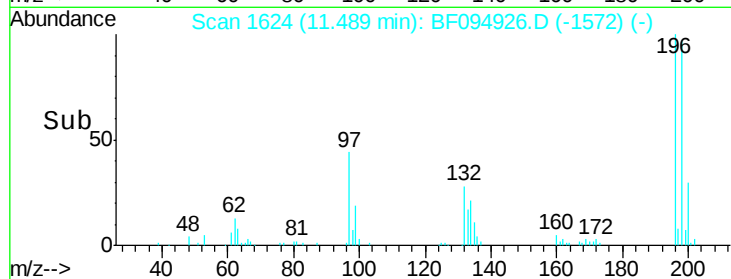
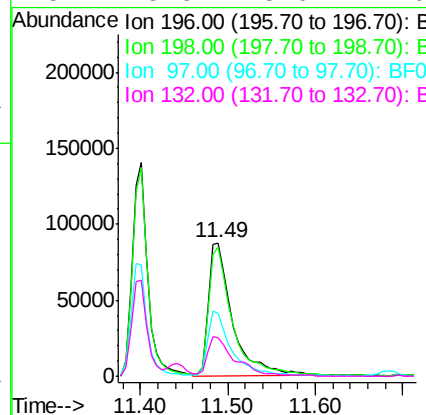
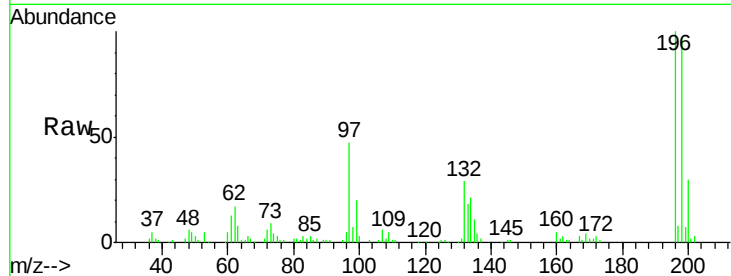
#43
 2,4,5-Trichlorophenol
 Concen: 46.23 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167196		
198	96.7	75.7	113.5	
97	46.7	47.7	71.5#	
132	28.6	28.0	42.0	

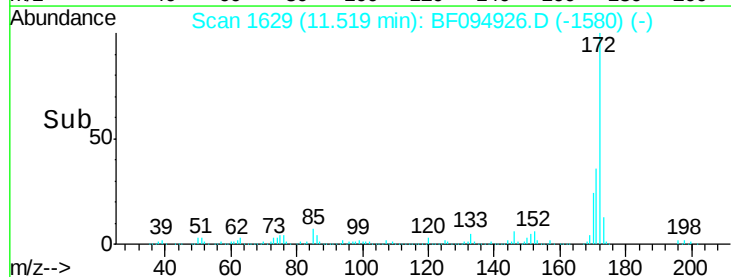
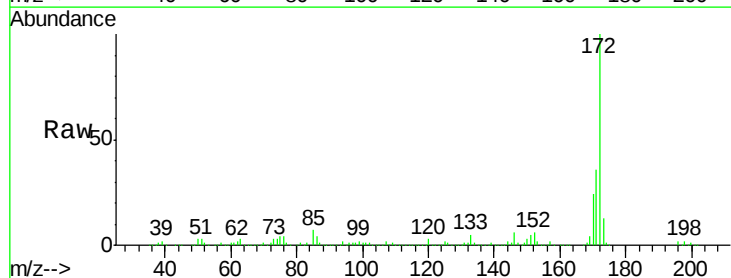
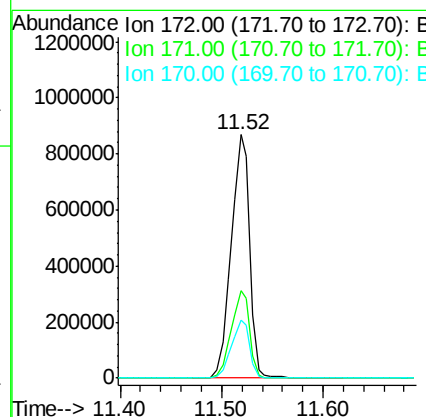
Manual Integrations
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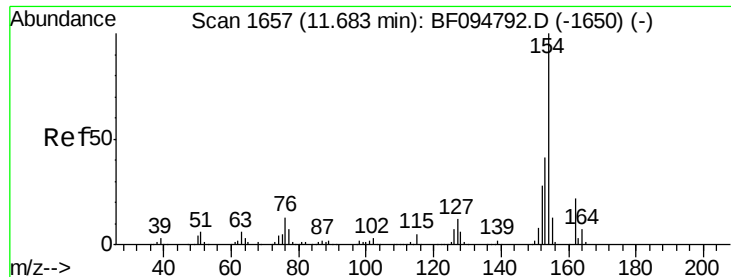
mohammad
 5/8/2017 2:47:53 PM



#44
 2-Fluorobiphenyl
 Concen: 96.34 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1096858		
171	35.8	29.6	44.4	
170	24.0	19.8	29.8	





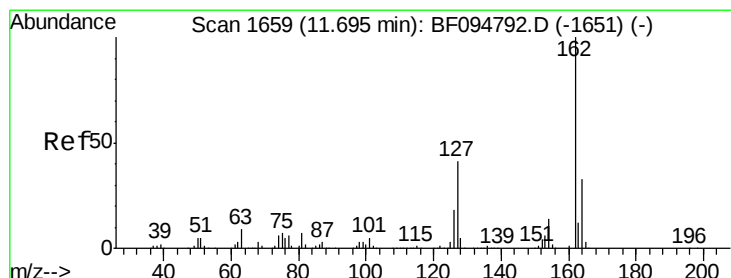
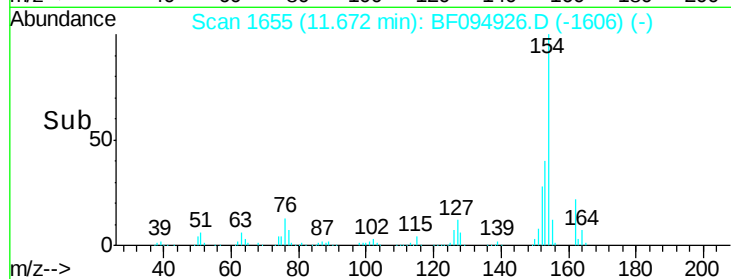
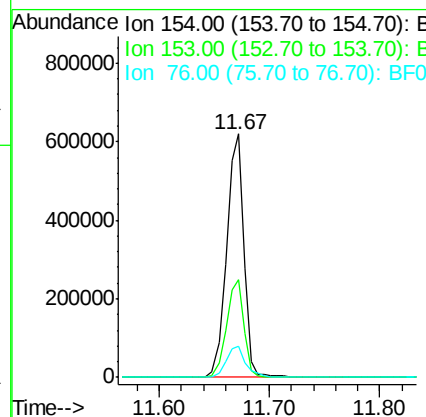
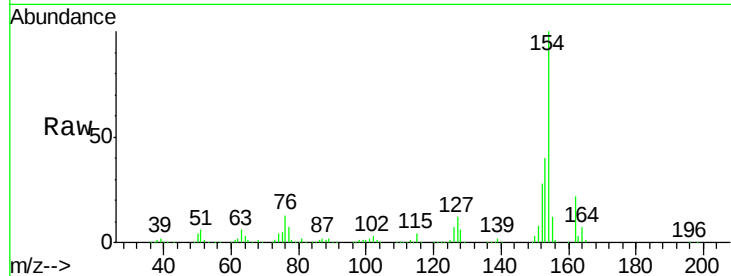
#45
 1,1'-Biphenyl
 Concen: 49.06 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	12.7	0.0	29.9

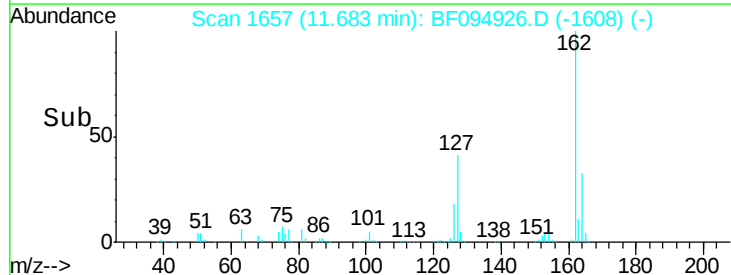
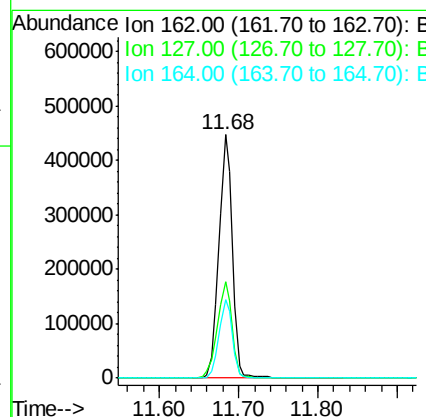
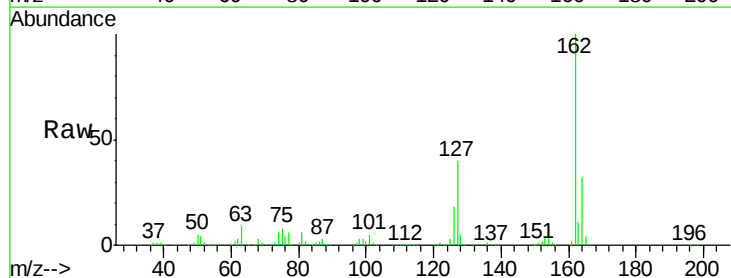
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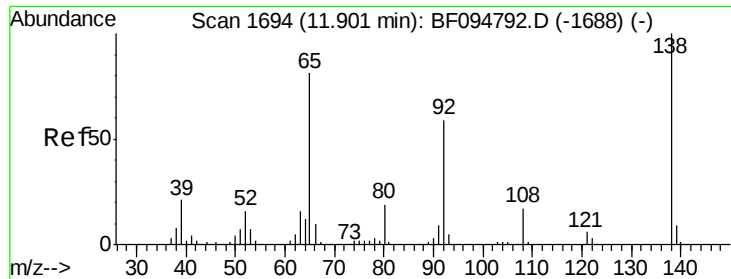
mohammad
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#46
 2-Chloronaphthalene
 Concen: 47.40 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	28.3	42.5
164	32.4	27.0	40.4





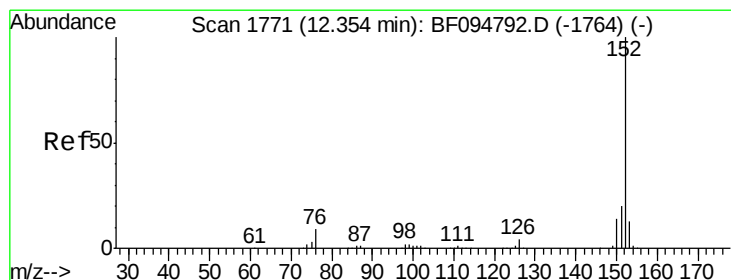
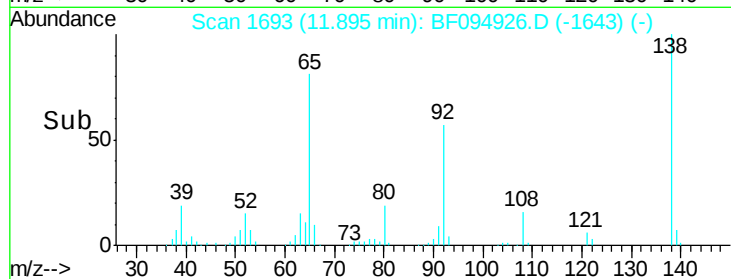
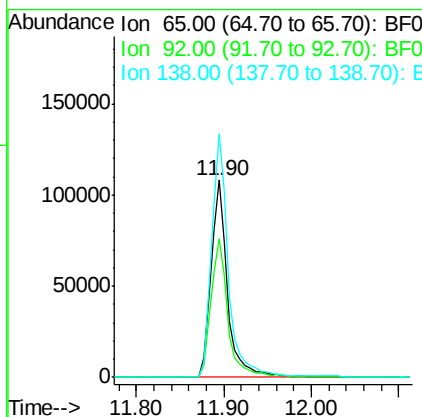
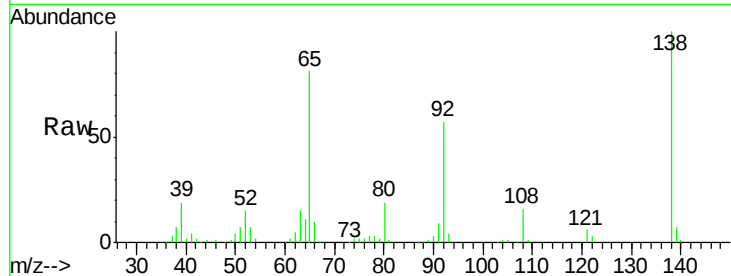
#47
 2-Nitroaniline
 Concen: 46.55 ng
 RT: 11.90 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	141952		
92	70.6	53.9	80.9	
138	123.6	78.8	118.2	

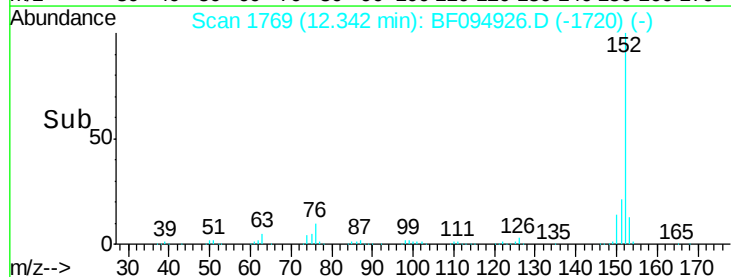
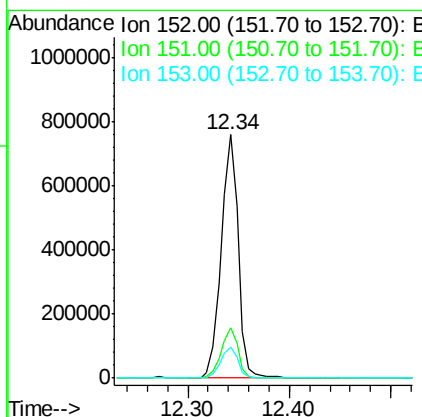
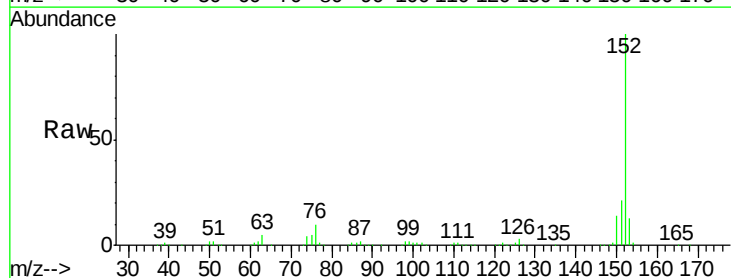
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#48
 Acenaphthylene
 Concen: 50.63 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	883497		
151	20.5	16.8	25.2	
153	12.8	10.8	16.2	





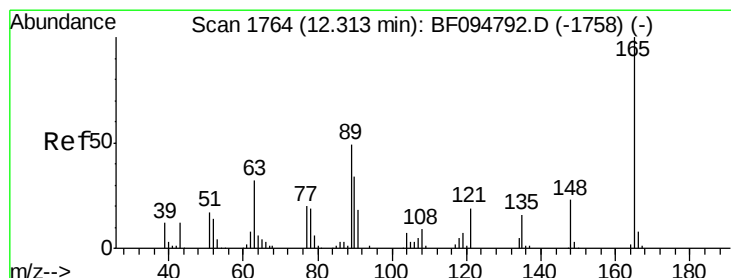
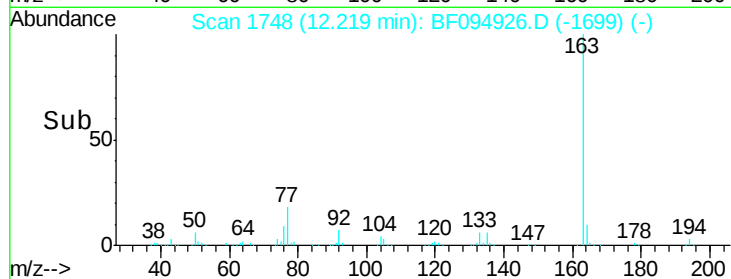
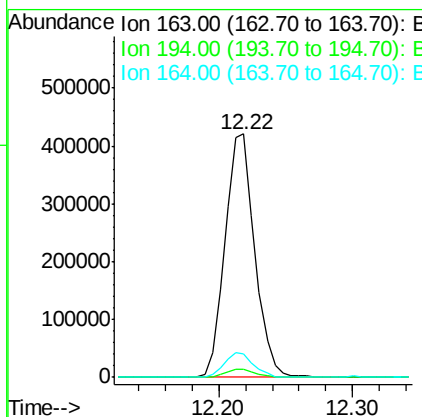
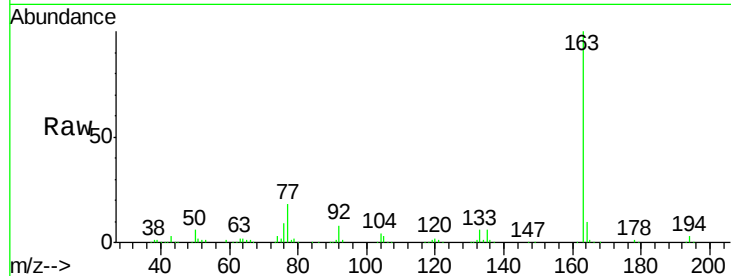
#49
Dimethylphthalate
Concen: 48.82 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampled :
PB98685BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.4	12.6

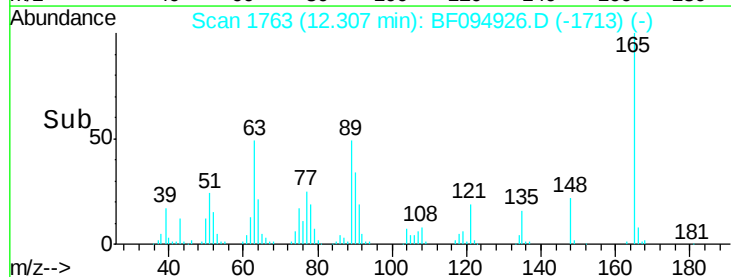
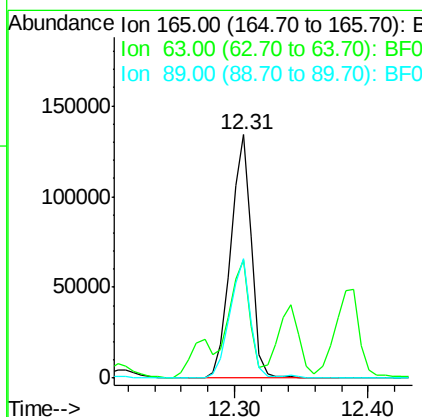
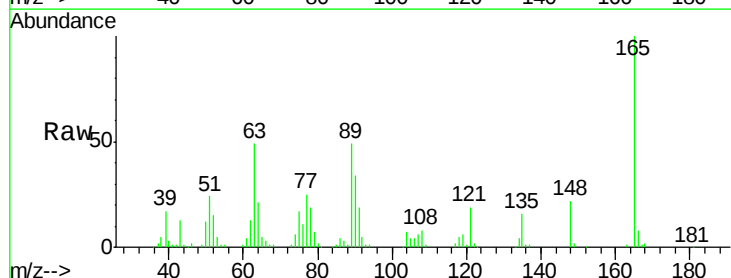
Manual Integrations
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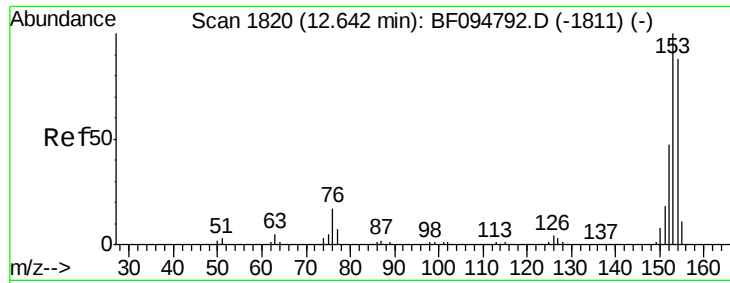
mohammad
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#50
2,6-Dinitrotoluene
Concen: 53.20 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.5	34.3	51.5
89	49.0	37.1	55.7





#51

Acenaphthene

Concen: 43.85 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

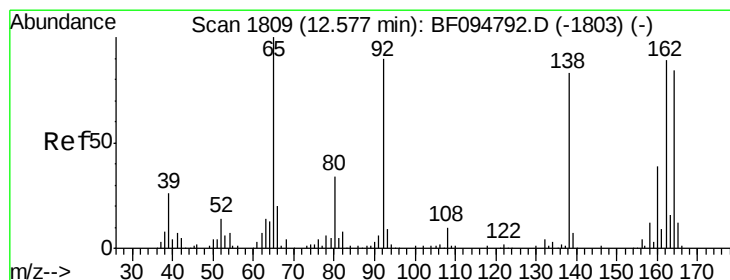
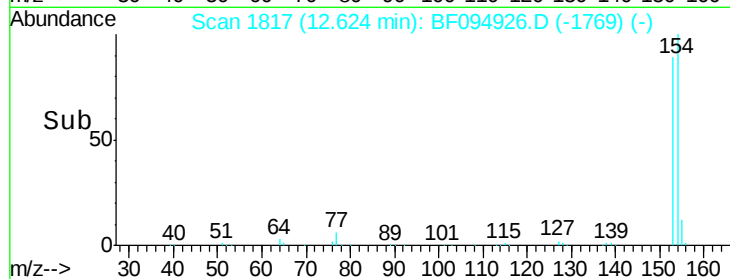
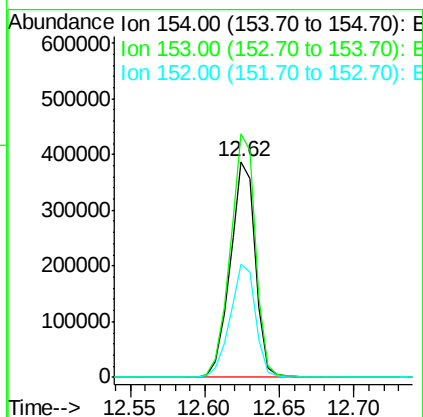
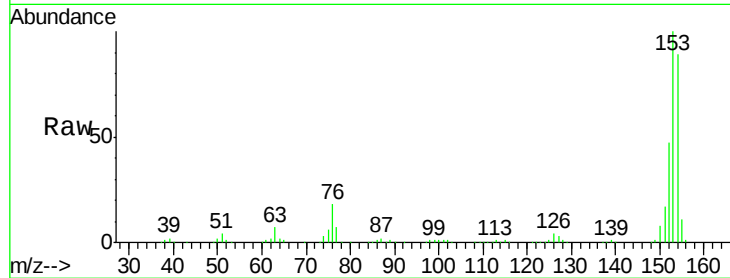
ClientSampled :

PB98685BS

Tgt Ion:	154	Resp:	456971
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	52.6	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 8.97 ng

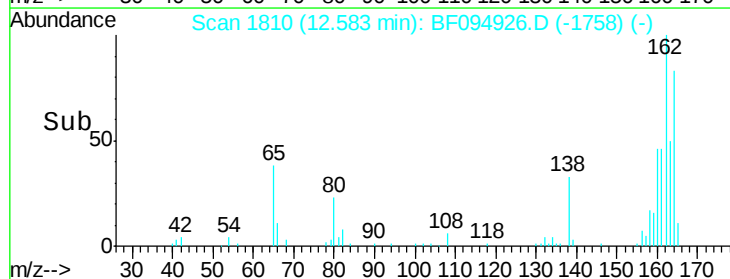
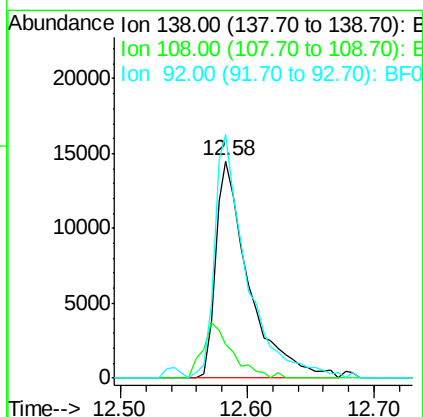
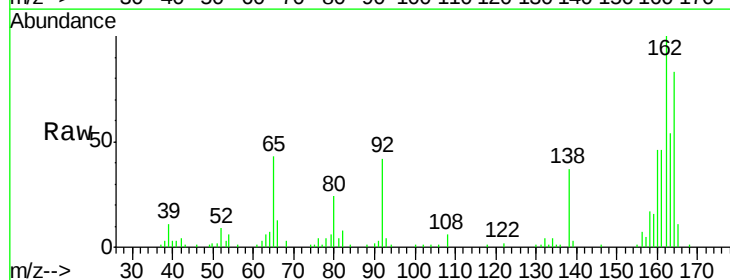
RT: 12.58 min Scan# 1810

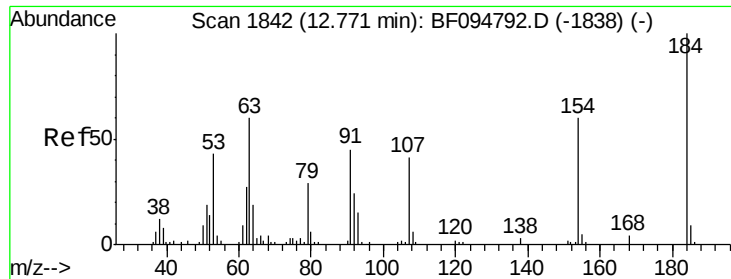
Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	138	Resp:	26436
Ion Ratio	Lower	Upper	
138	100		
108	15.5	9.1	13.7#
92	112.3	93.8	140.6





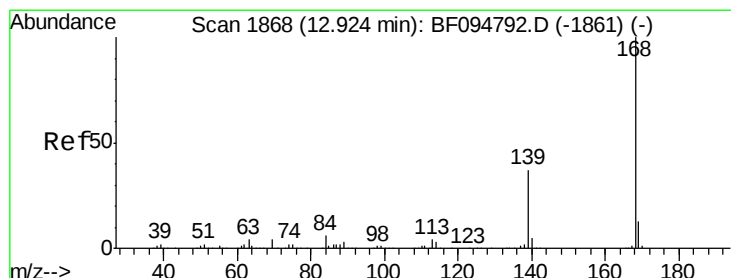
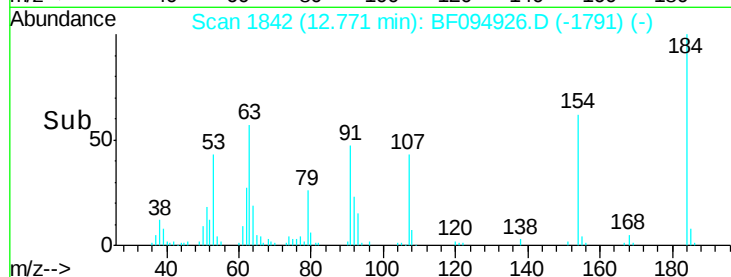
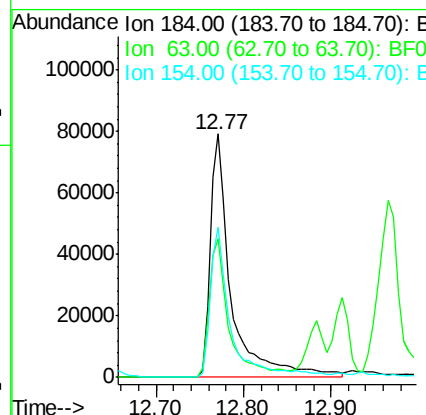
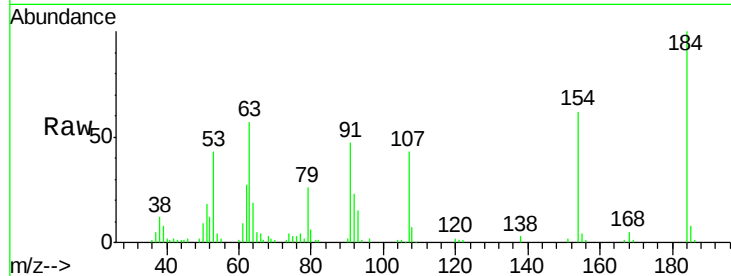
#53
2,4-Dinitrophenol
Concen: 86.17 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampled :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	131046		
63	56.9	62.7	94.1#	
154	61.6	81.1	121.7#	

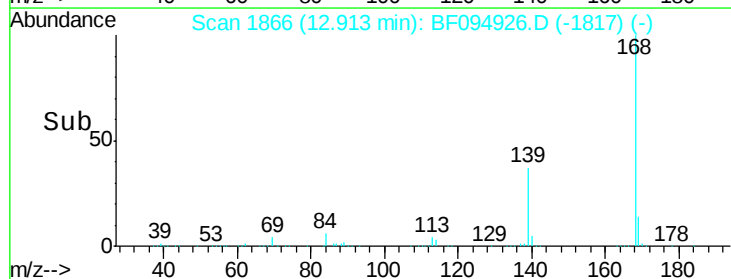
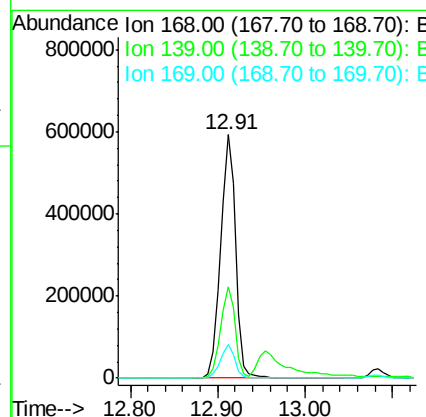
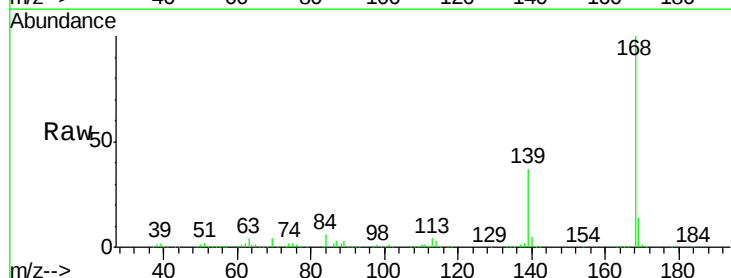
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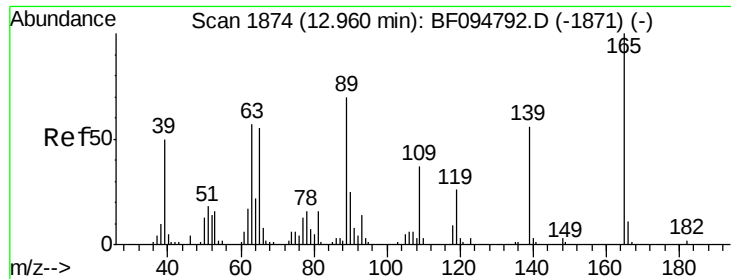
mohammad
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#54
Dibenzofuran
Concen: 49.01 ng
RT: 12.91 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	706912		
139	37.3	30.6	45.8	
169	13.6	10.8	16.2	





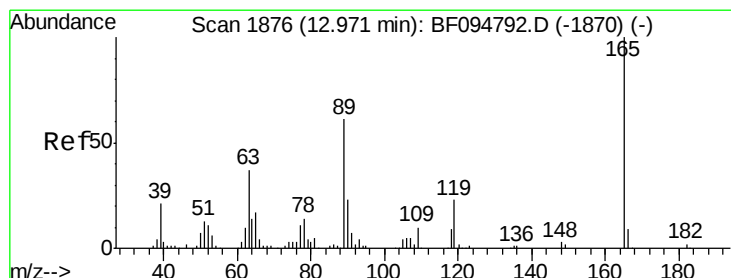
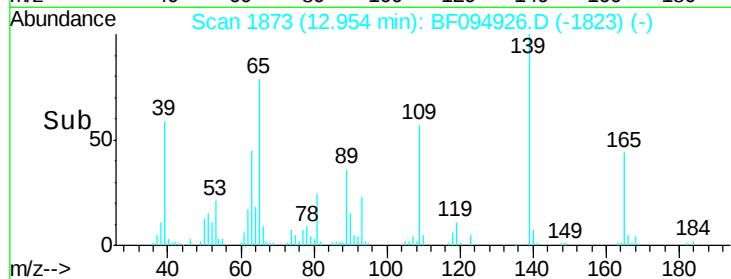
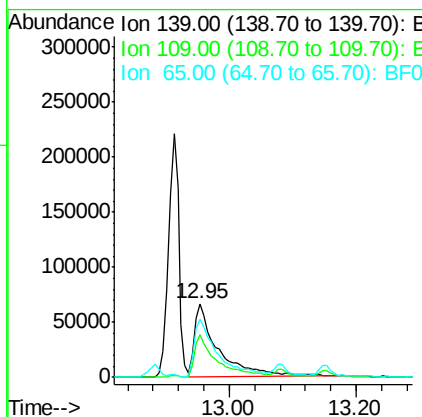
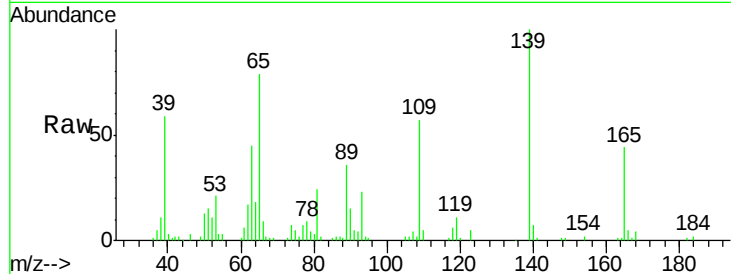
#55
4-Nitrophenol
Concen: 96.34 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampled :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	170458		
109	57.3	34.1	74.1	
65	79.1	31.4	71.4	

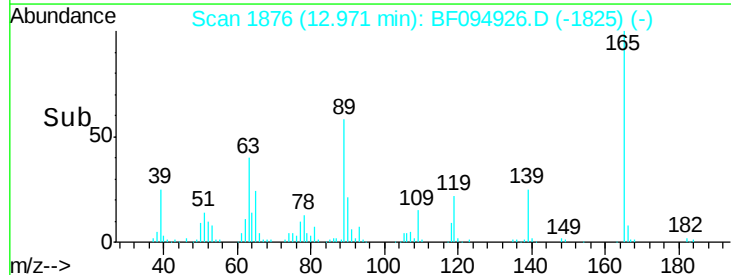
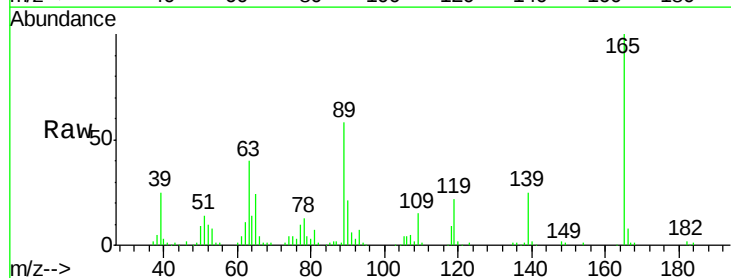
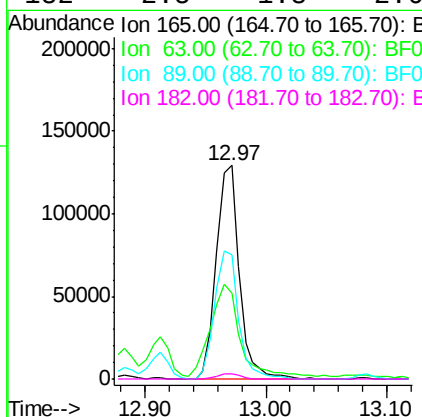
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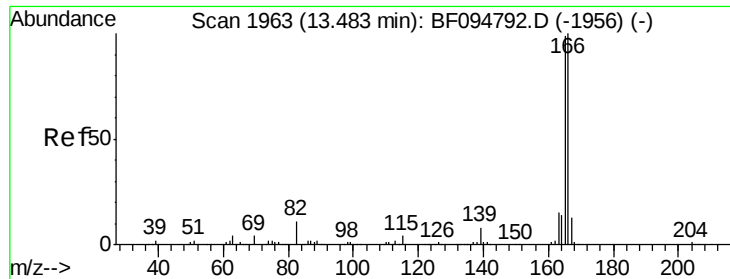
mohammad
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#56
2,4-Dinitrotoluene
Concen: 48.40 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	170680		
63	40.4	25.4	38.0	
89	58.4	46.4	69.6	
182	2.5	1.8	2.6	





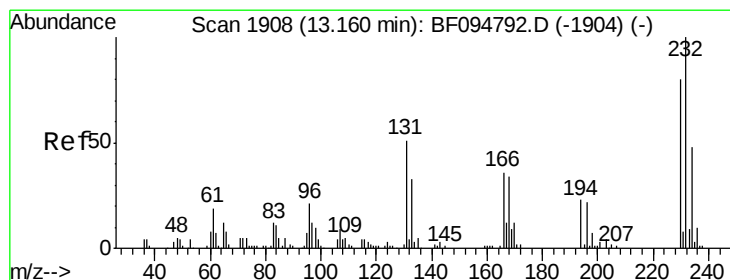
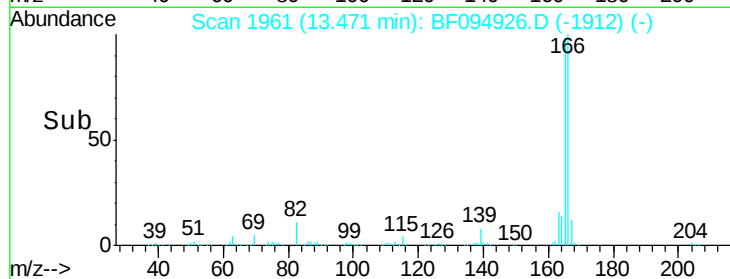
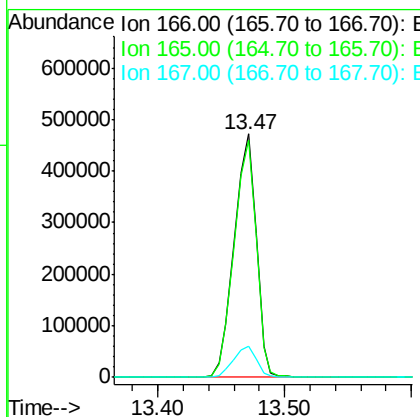
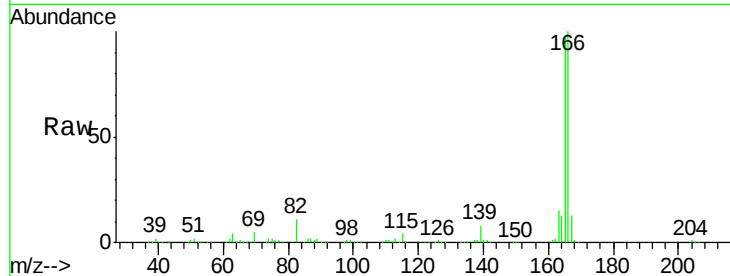
#57
 Fluorene
 Concen: 45.23 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.8	118.2
167	12.6	10.6	16.0

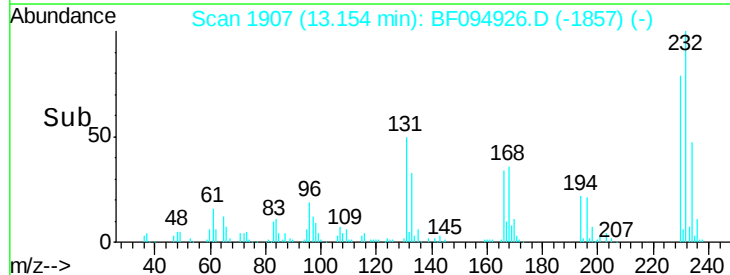
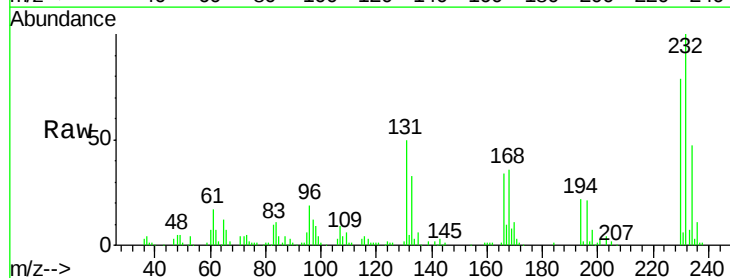
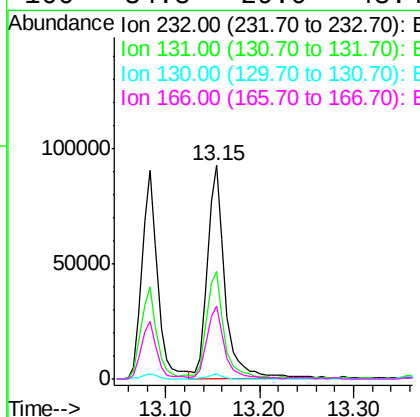
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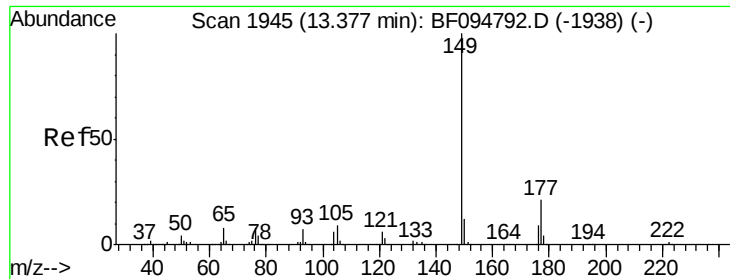
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.20 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	44.8	67.2
130	2.1	2.3	3.5#
166	34.8	29.0	43.4





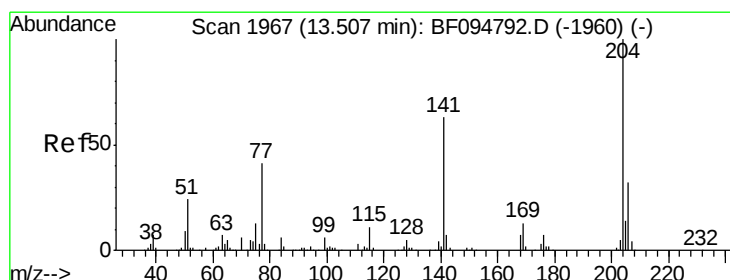
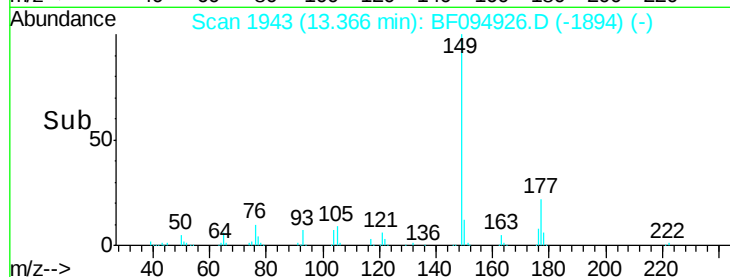
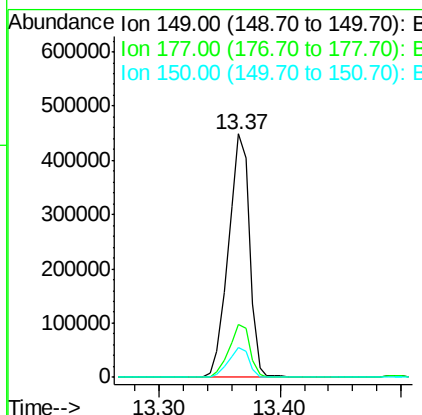
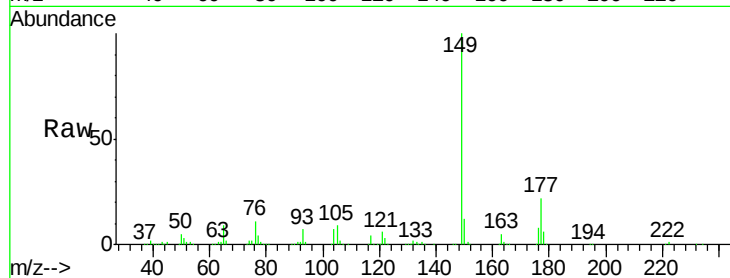
#59
Diethylphthalate
Concen: 42.50 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

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

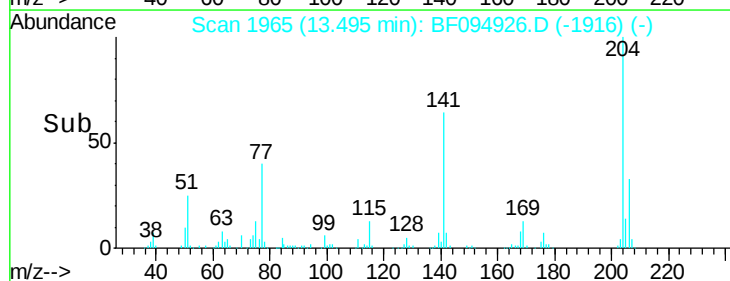
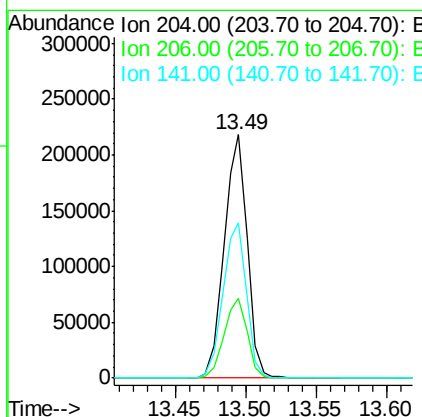
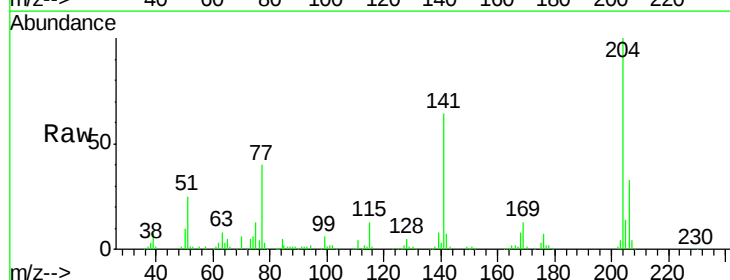
Manual Integrations
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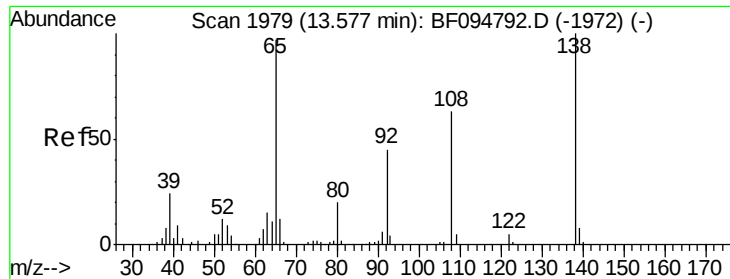
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.49 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	63.9	60.8	91.2





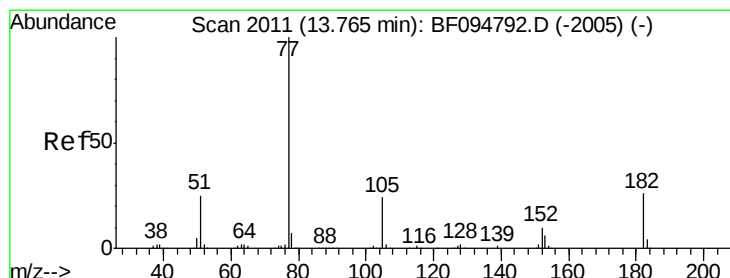
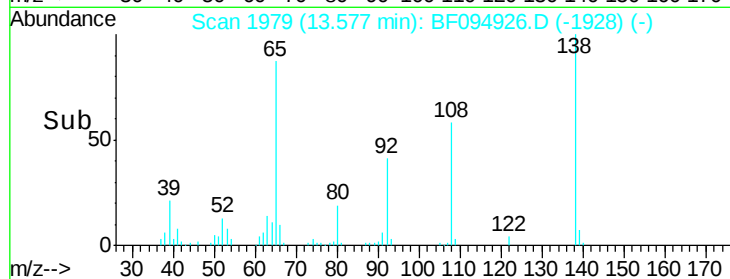
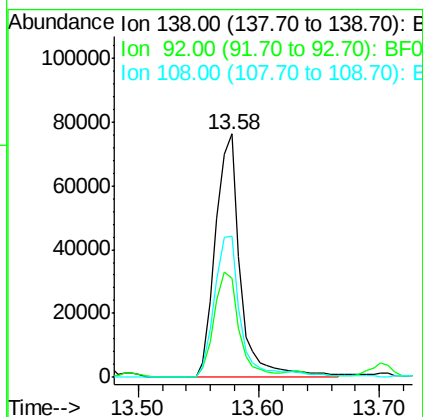
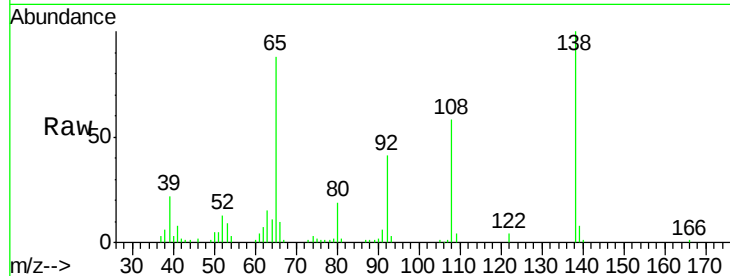
#61
4-Nitroaniline
Concen: 40.12 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	108500		
92	40.7	21.8	61.8	
108	58.1	42.3	82.3	

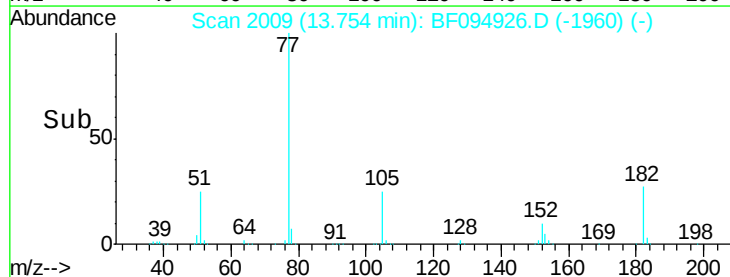
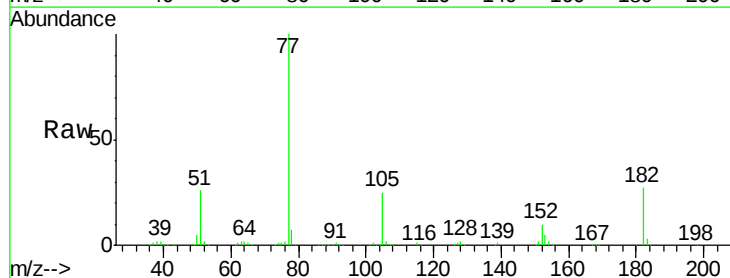
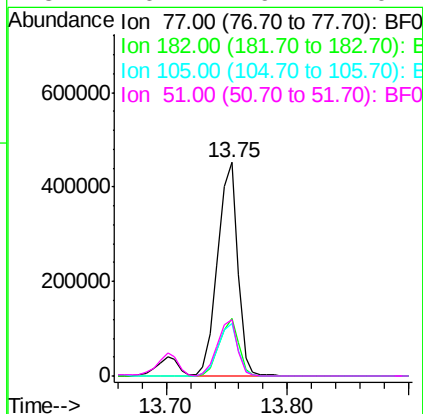
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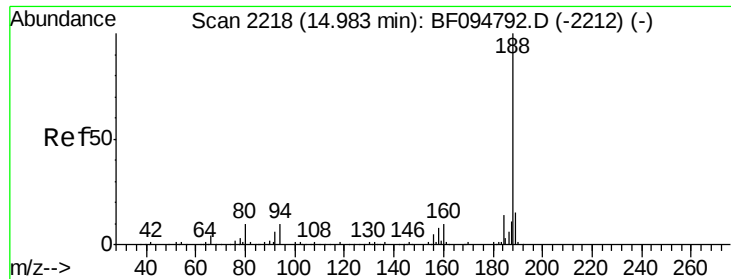
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#62
Azobenzene
Concen: 49.83 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	516276		
182	26.9	0.1	40.1	
105	24.9	3.6	43.6	
51	26.2	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

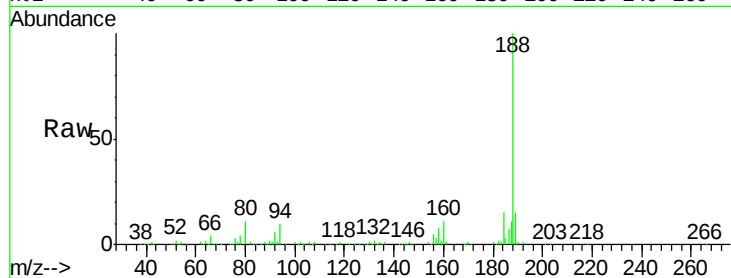
ClientSampleId :

PB98685BS

Tgt Ion:	188	Resp:	296921
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	10.8	10.2	15.2

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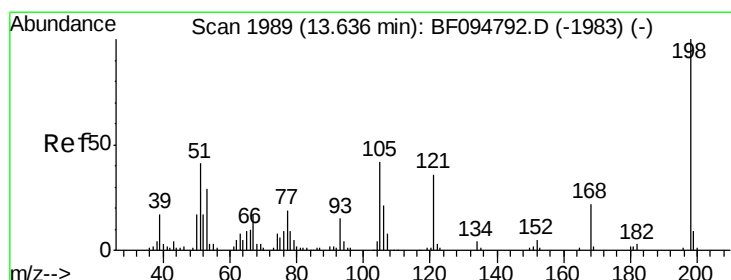
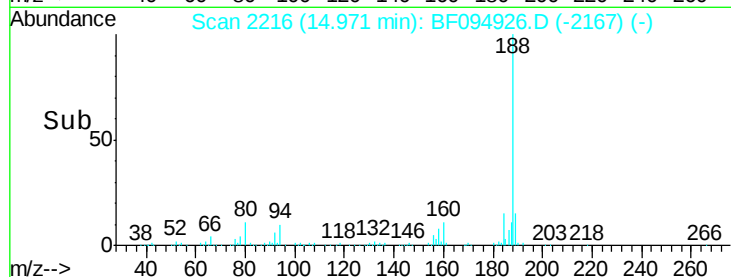
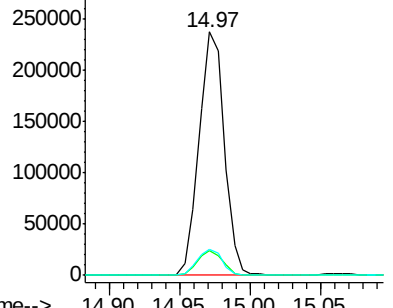
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.79 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094926.D

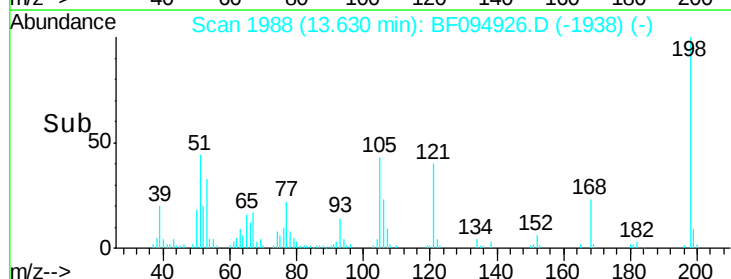
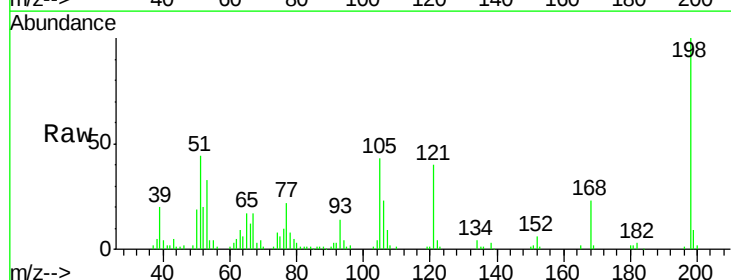
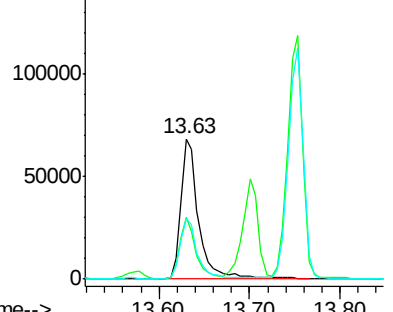
Acq: 5 May 2017 20:09

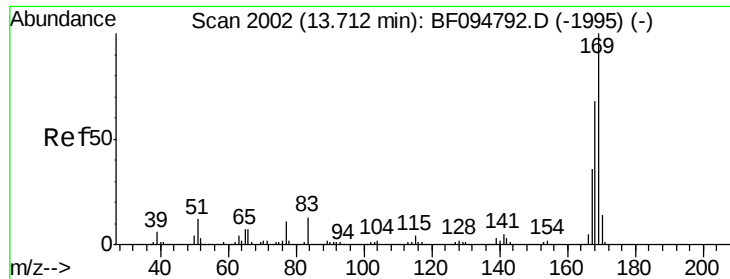
Tgt Ion:	198	Resp:	95127
Ion Ratio	Lower	Upper	
198	100		
51	44.4	53.2	93.2#
105	43.4	45.8	85.8#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





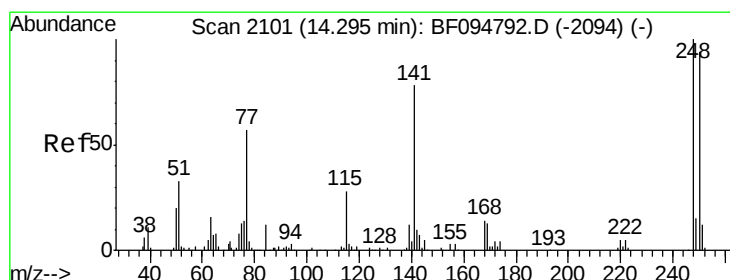
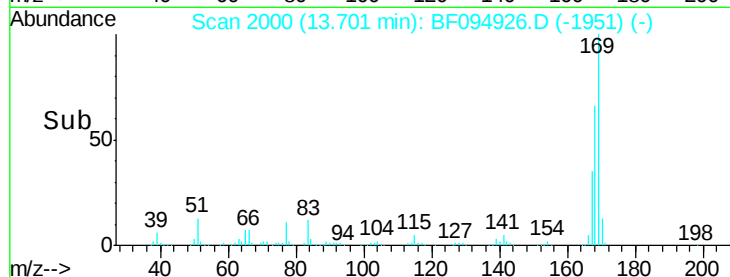
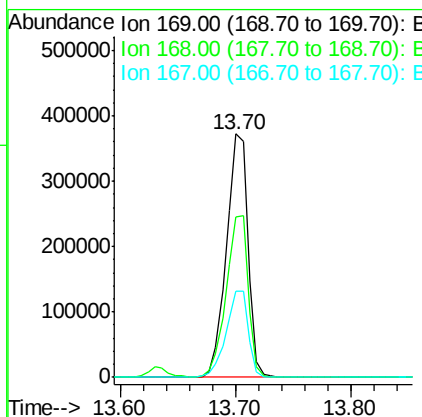
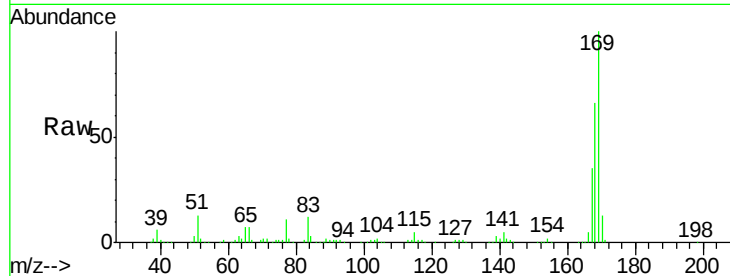
#65
 n-Nitrosodiphenylamine
 Concen: 44.66 ng
 RT: 13.70 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	481261		
168	65.8	53.2	79.8	
167	35.4	29.5	44.3	

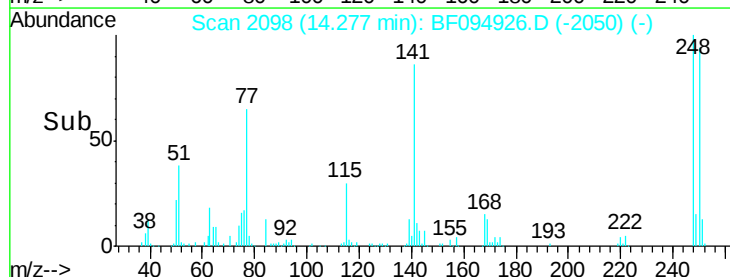
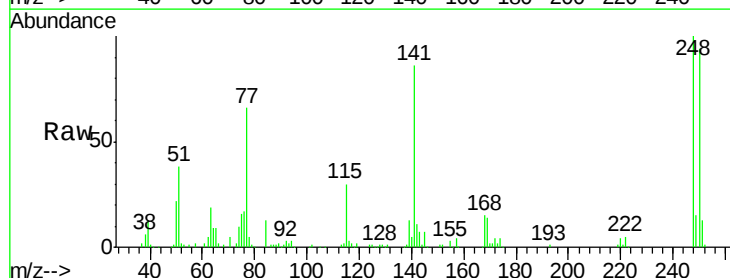
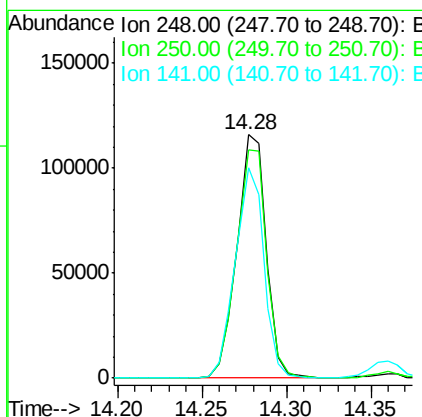
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#66
 4-Bromophenyl-phenylether
 Concen: 44.66 ng
 RT: 14.28 min Scan# 2098
 Delta R.T. -0.02 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140091		
250	93.9	76.8	115.2	
141	86.3	68.6	103.0	





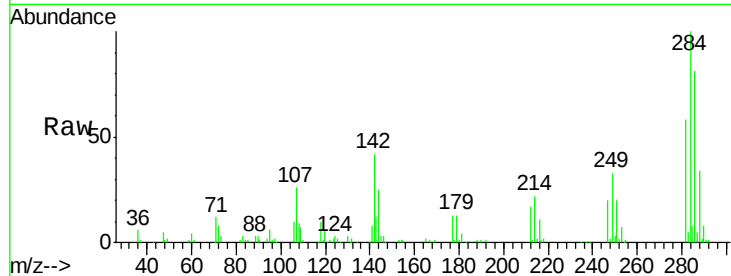
#67
Hexachlorobenzene
Concen: 42.76 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

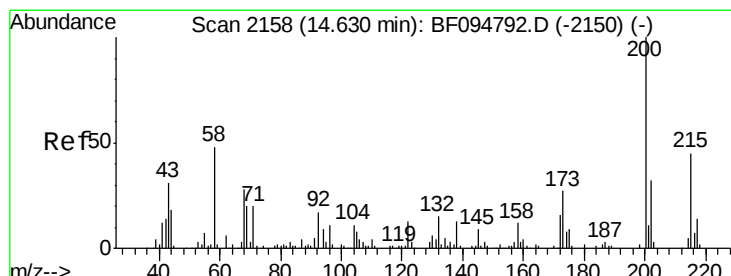
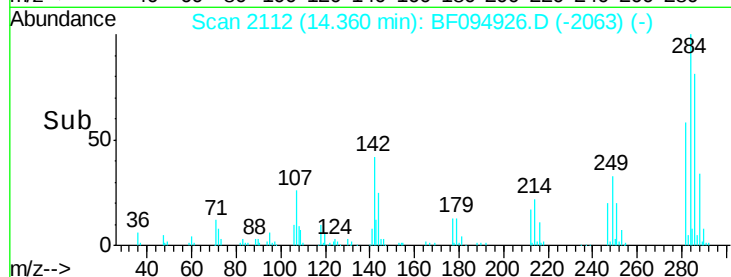
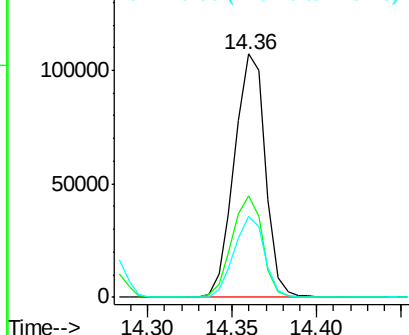
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	137477		
142	41.9	22.8	34.2	#
249	33.1	24.0	36.0	

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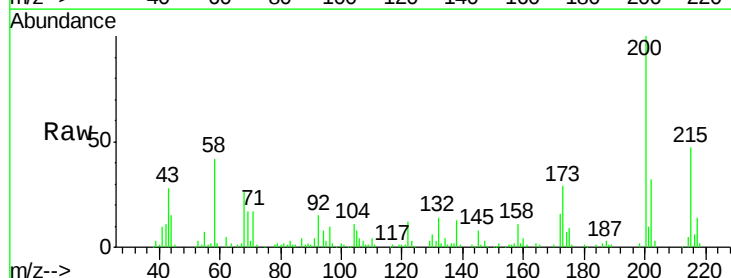


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

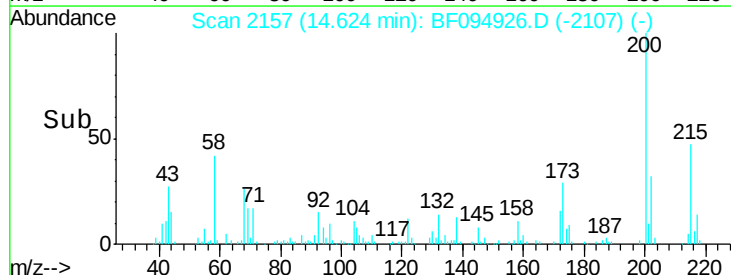
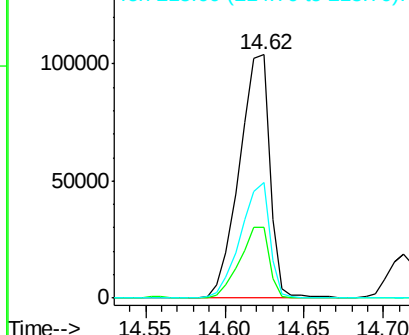


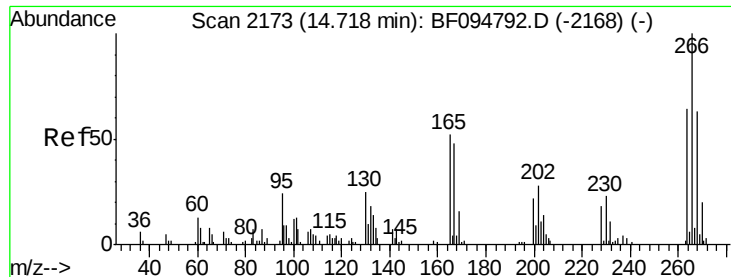
#68
Atrazine
Concen: 45.61 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	138763		
173	29.1	6.3	46.3	
215	47.3	27.2	67.2	



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





#69

Pentachlorophenol

Concen: 88.11 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

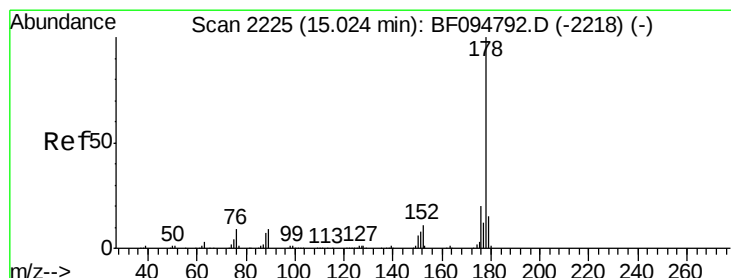
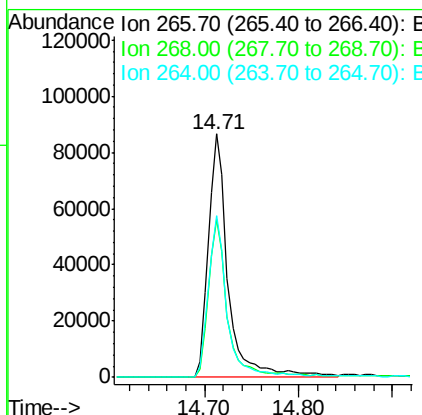
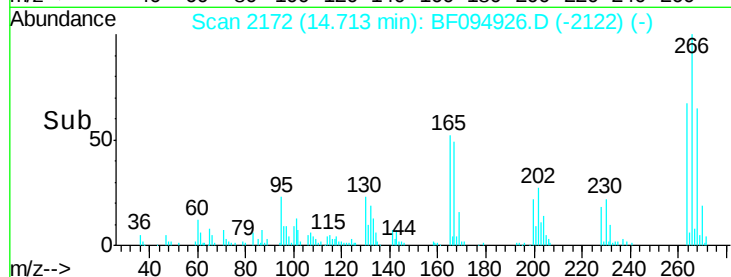
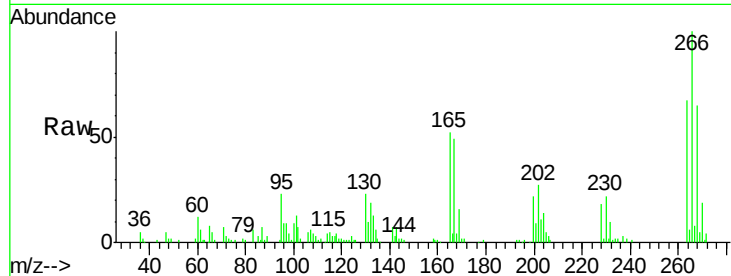
ClientSampleId :

PB98685BS

Tgt Ion:	266	Resp:	129006
Ion Ratio	Lower	Upper	
266	100		
268	65.0	51.1	76.7
264	66.6	51.7	77.5

Manual Integrations
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#70

Phenanthrene

Concen: 46.03 ng

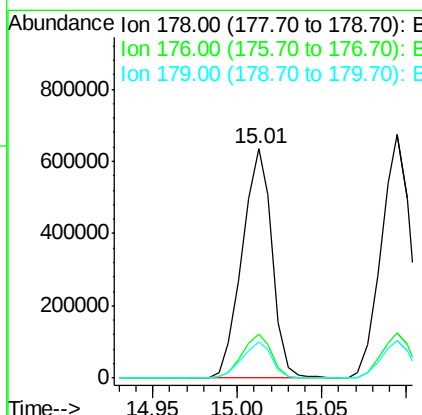
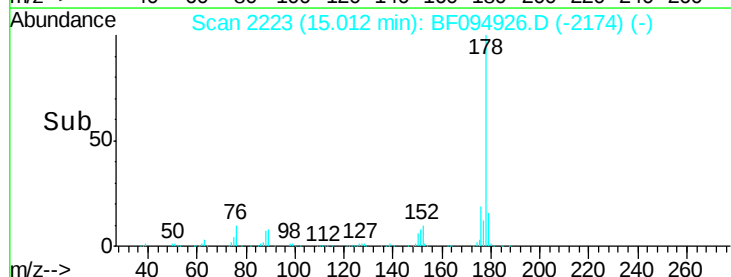
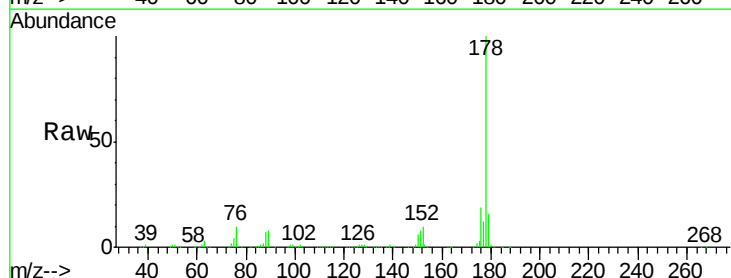
RT: 15.01 min Scan# 2223

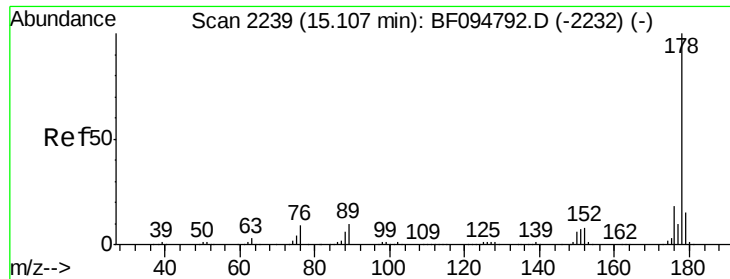
Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	178	Resp:	785325
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	15.8	12.6	19.0





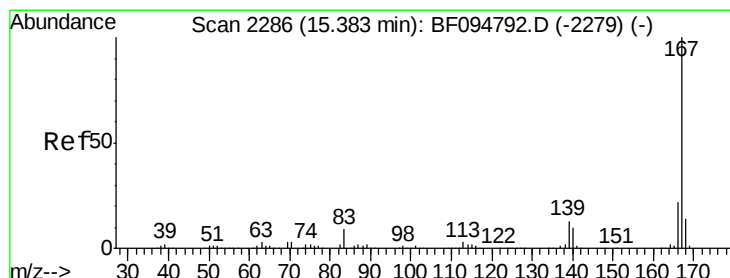
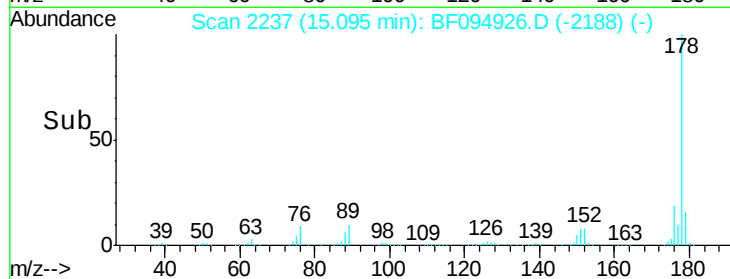
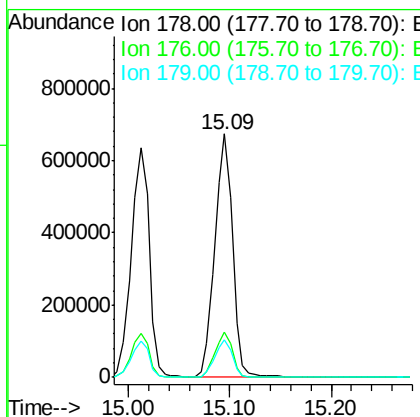
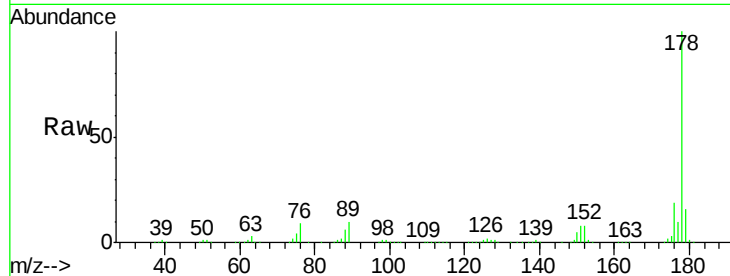
#71
 Anthracene
 Concen: 47.08 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	820455		
176	18.7	15.8	23.8	
179	15.6	12.7	19.1	

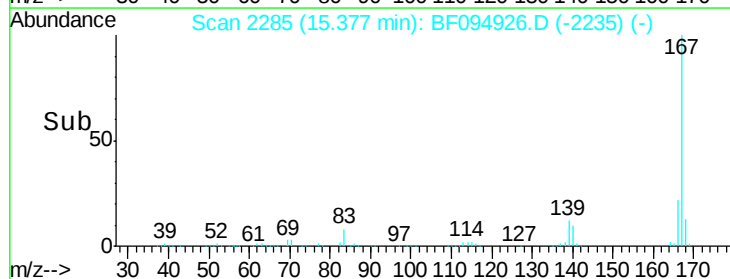
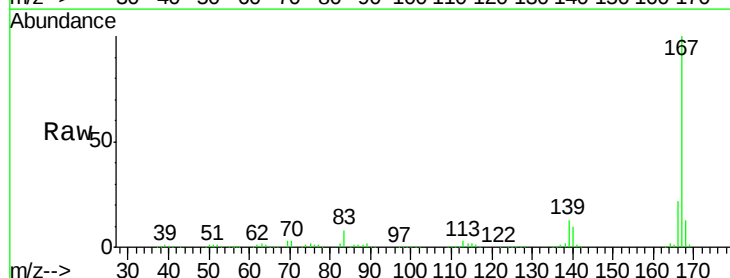
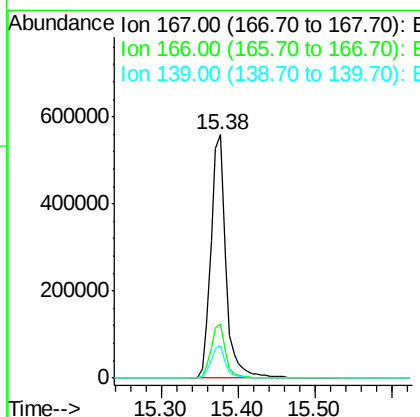
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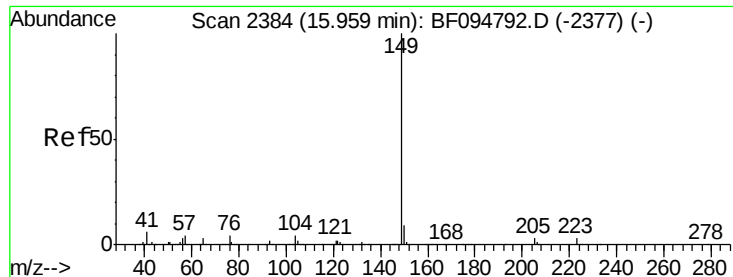
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#72
 Carbazole
 Concen: 46.79 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	741834		
166	22.5	18.1	27.1	
139	13.1	11.7	17.5	





#73

Di-n-butylphthalate

Concen: 45.78 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

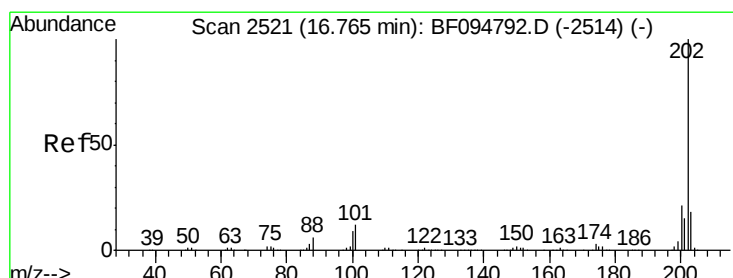
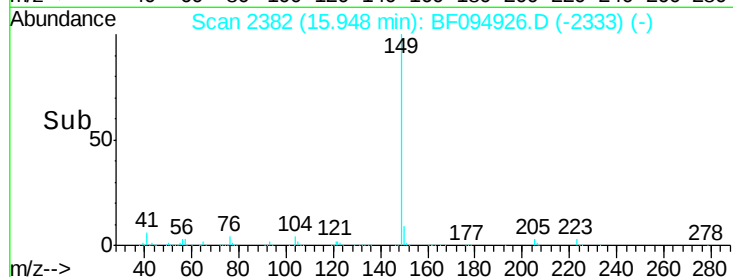
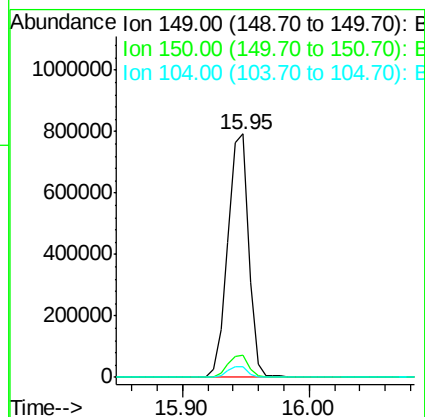
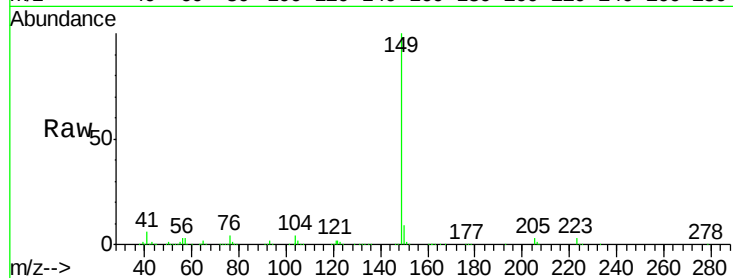
ClientSampleId :

PB98685BS

Tgt Ion:	149	Resp:	905281
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 49.39 ng

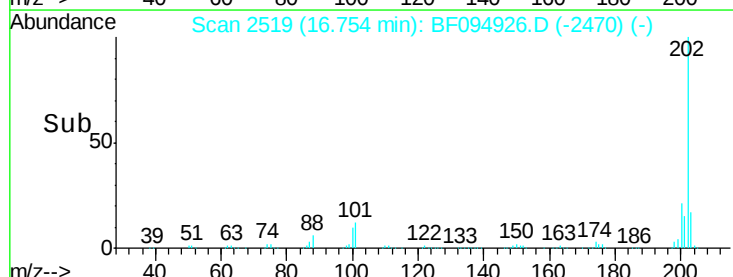
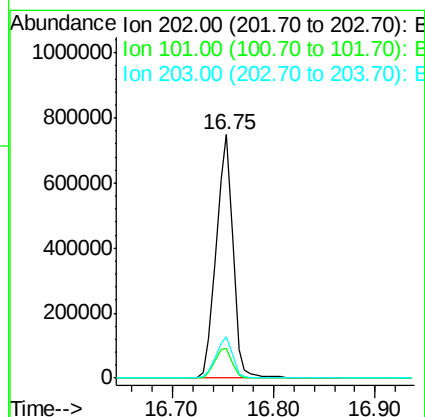
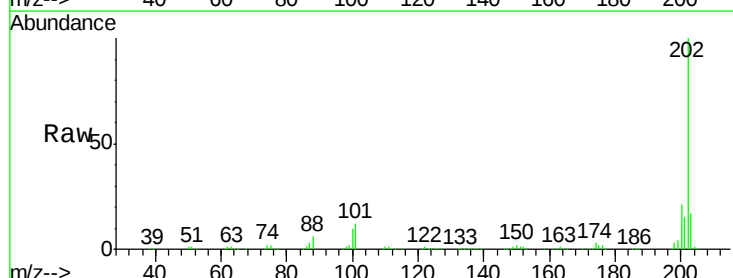
RT: 16.75 min Scan# 2519

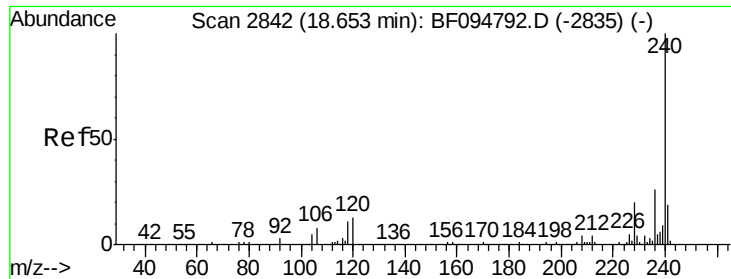
Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	202	Resp:	864292
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.2
203	16.9	0.0	38.1





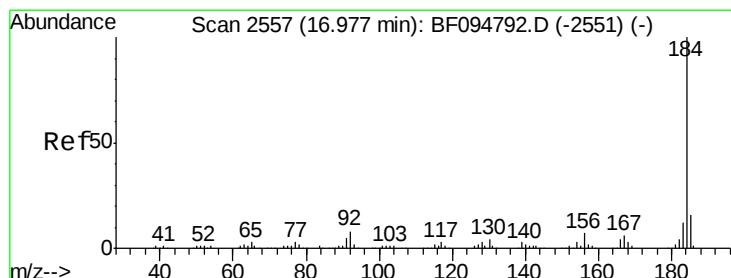
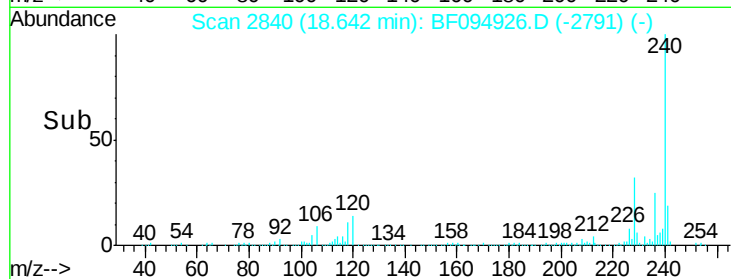
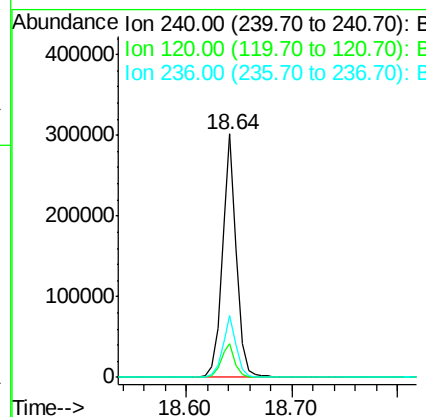
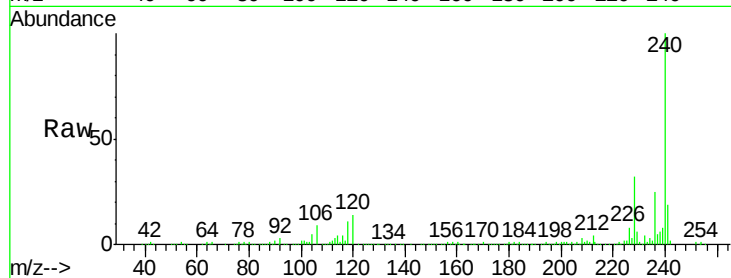
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.3	20.5	30.7

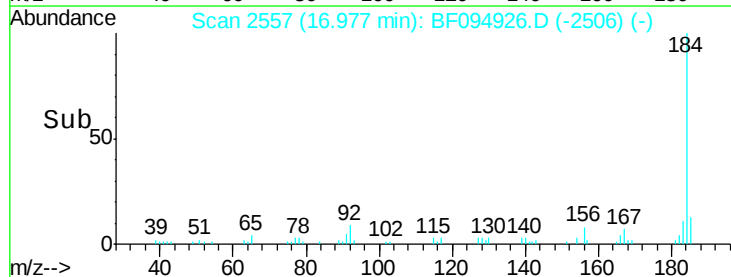
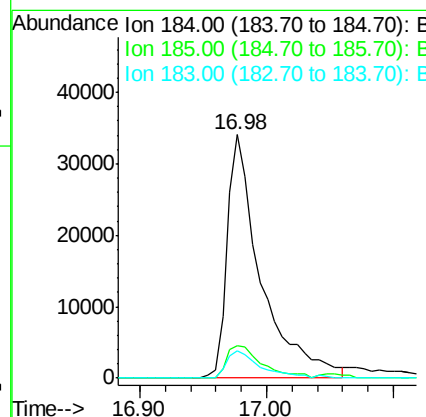
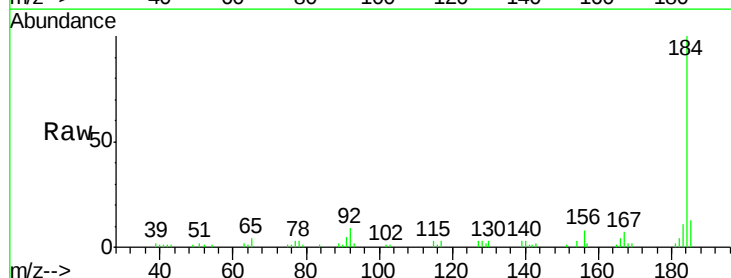
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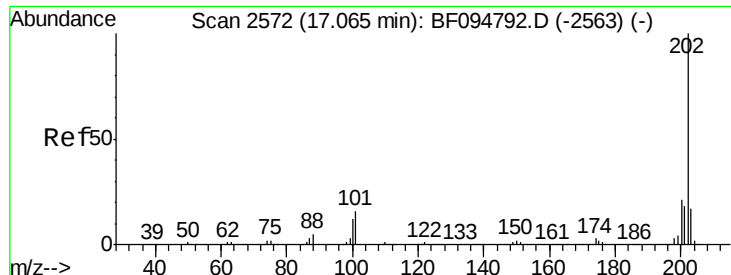
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#76
Benzidine
Concen: 13.71 ng
RT: 16.98 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.2	15.5	23.3#
183	11.1	9.8	14.6





#77

Pyrene

Concen: 43.21 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

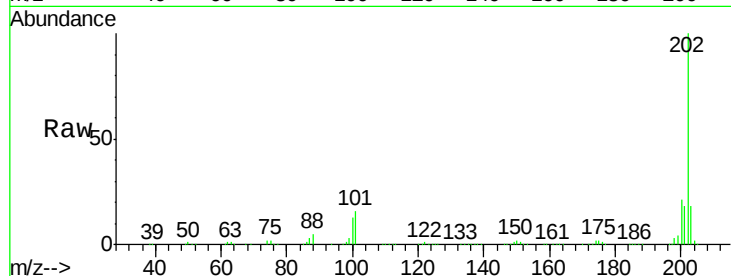
ClientSampled :

PB98685BS

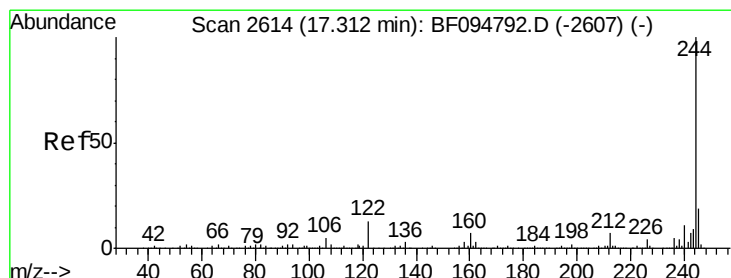
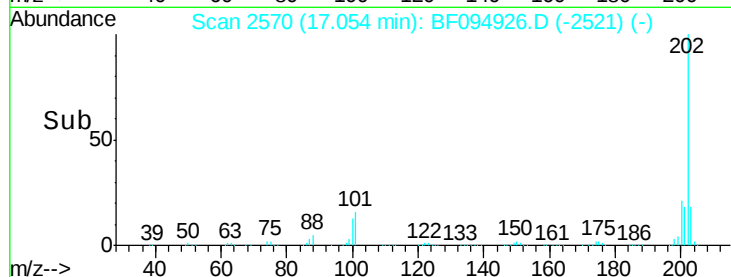
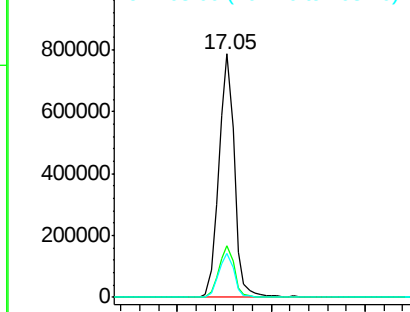
Tgt Ion:	202	Resp:	910392
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.6	26.4
203	17.8	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.24 ng

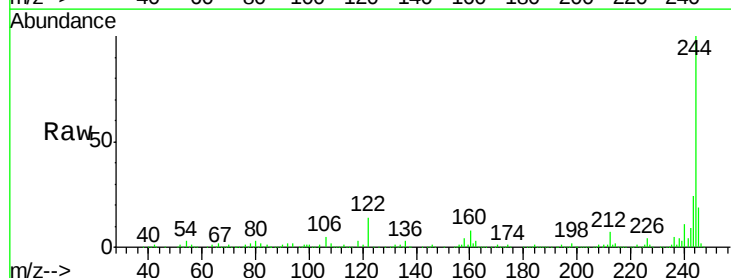
RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

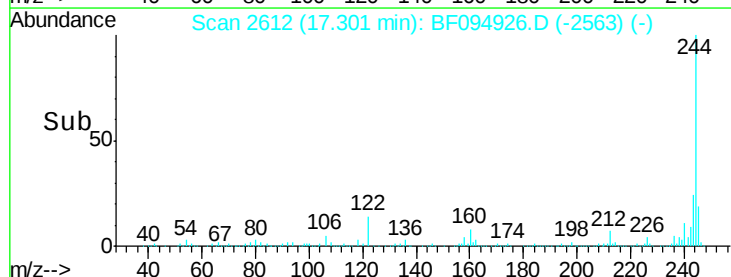
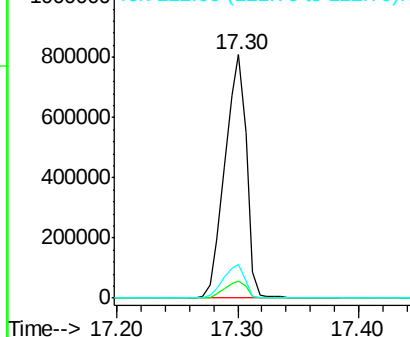
Lab File: BF094926.D

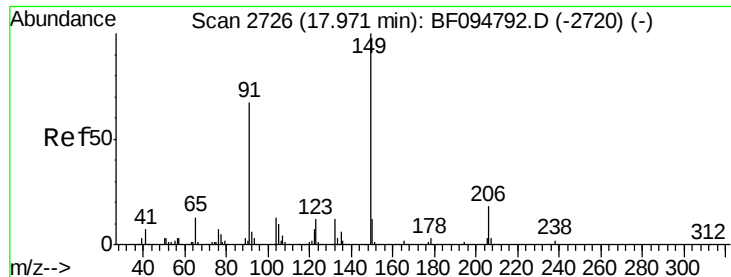
Acq: 5 May 2017 20:09

Tgt Ion:	244	Resp:	1000696
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





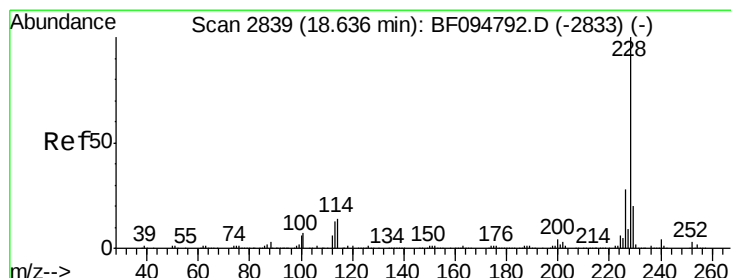
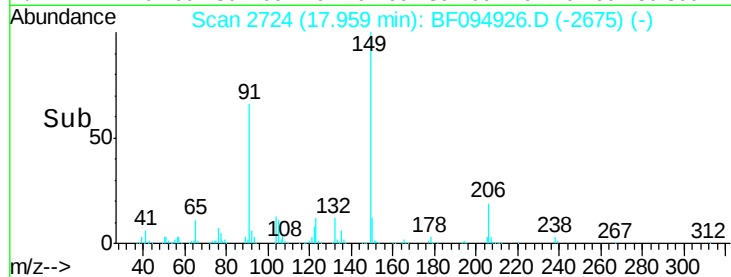
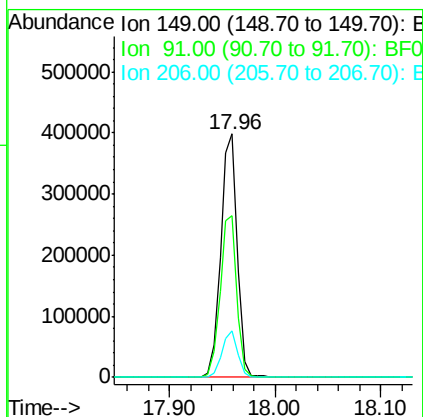
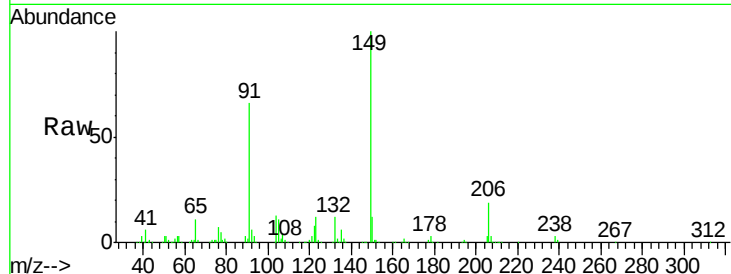
#79
Butylbenzylphthalate
Concen: 44.41 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	435236		
91	66.4	45.0	67.4	
206	19.3	17.0	25.6	

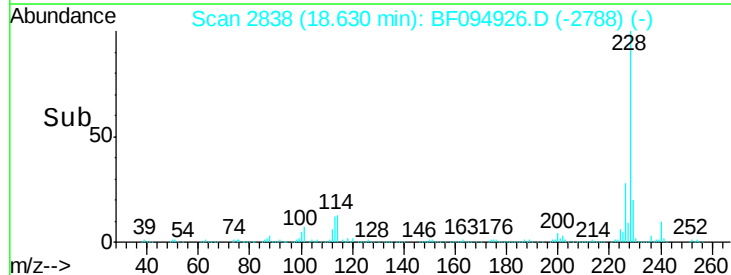
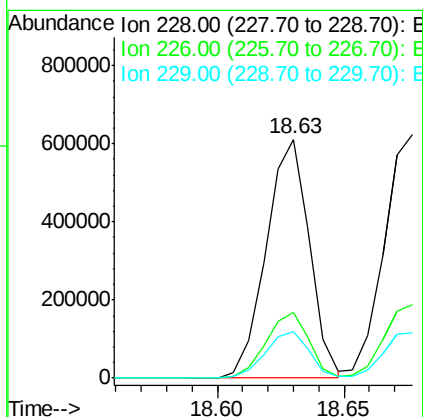
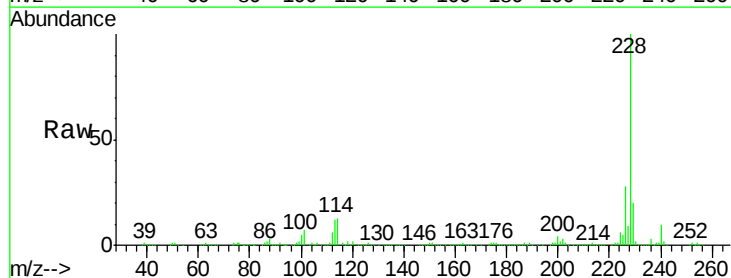
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#80
Benzo(a)anthracene
Concen: 44.32 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	726598		
226	27.6	22.6	33.8	
229	19.7	16.3	24.5	





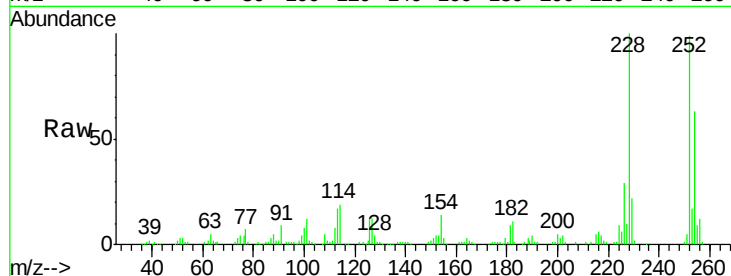
#81
 3,3'-Dichlorobenzidine
 Concen: 20.88 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

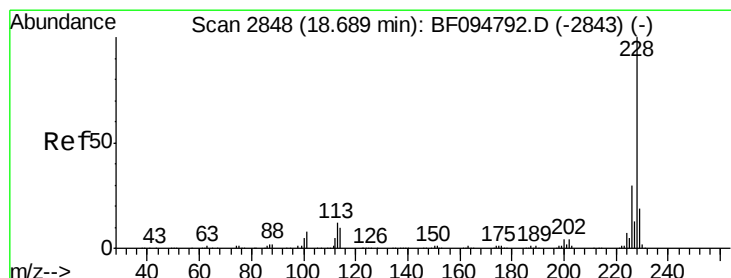
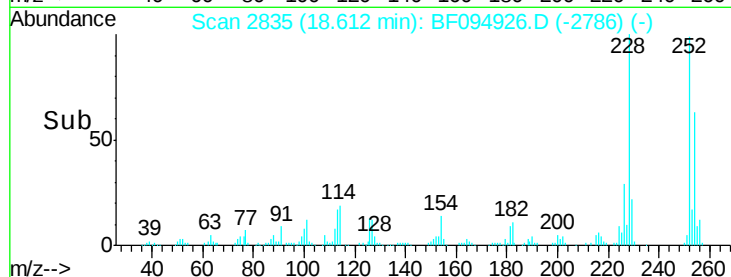
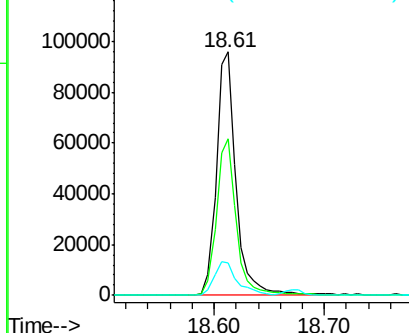
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	118246		
254	64.2	51.5	77.3	
126	13.1	15.8	23.8	

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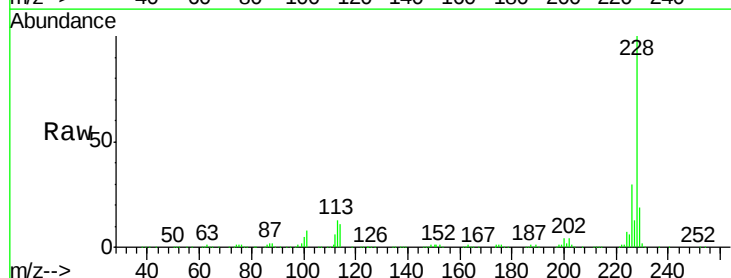


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

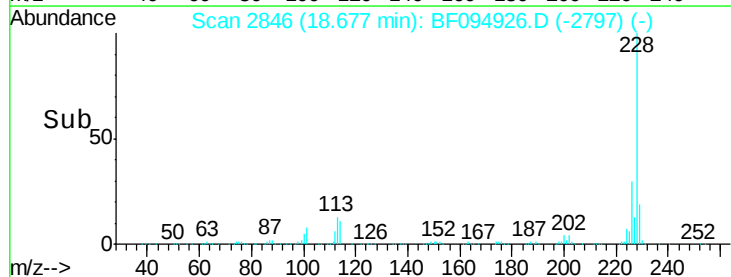
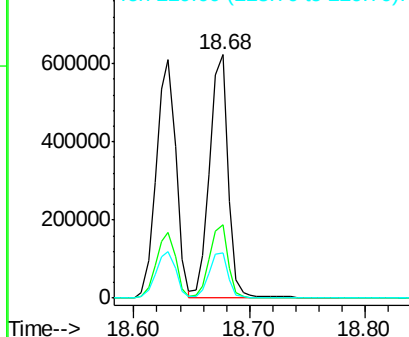


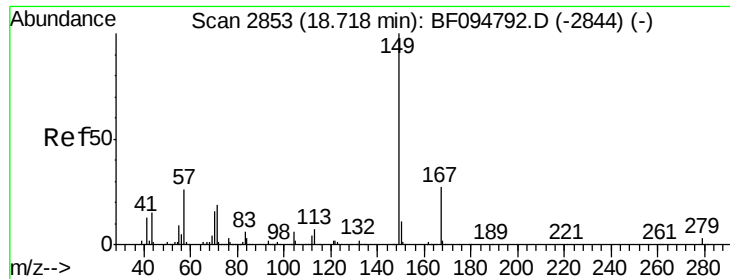
#82
 Chrysene
 Concen: 43.99 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	697367		
226	30.2	24.9	37.3	
229	18.8	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: 43.78 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

PB98685BS

Tgt Ion:149 Resp: 611318
Ion Ratio Lower Upper

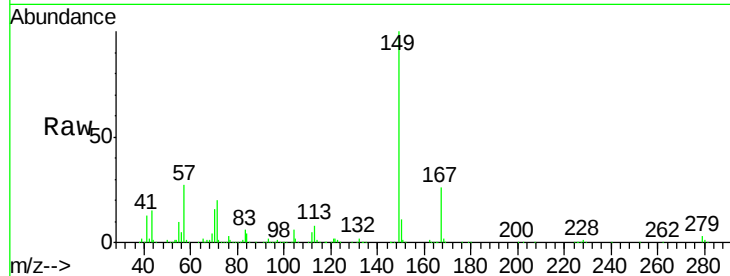
149 100

167 26.4 21.0 31.4

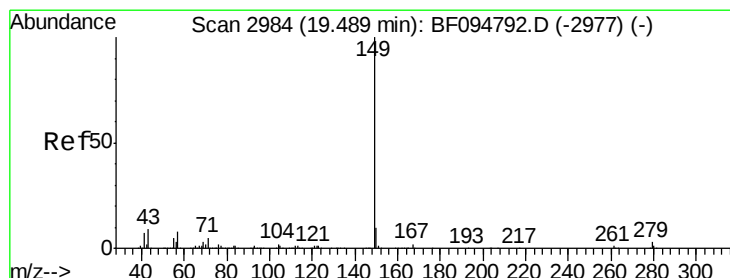
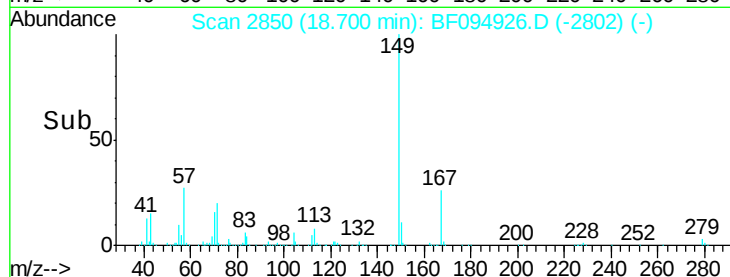
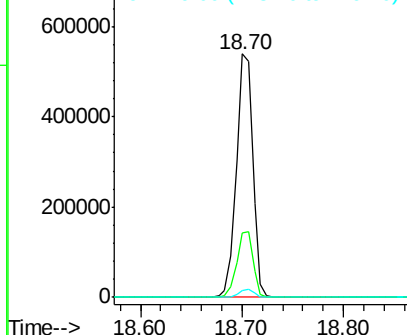
279 2.9 1.9 2.9#

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



#84

Di-n-octyl phthalate

Concen: 42.96 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094926.D

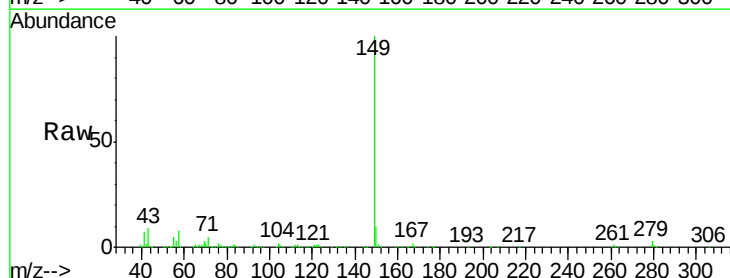
Acq: 5 May 2017 20:09

Tgt Ion:149 Resp: 983457
Ion Ratio Lower Upper

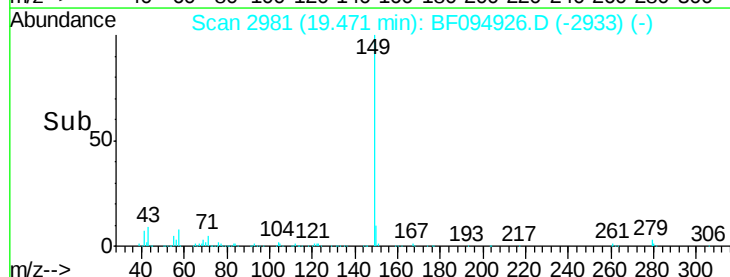
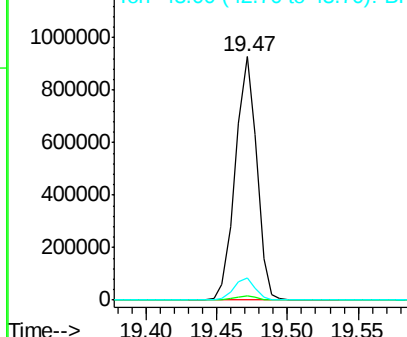
149 100

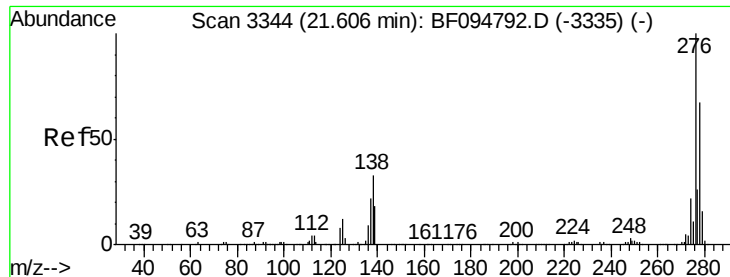
167 1.6 1.2 1.8

43 8.8 8.5 12.7



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





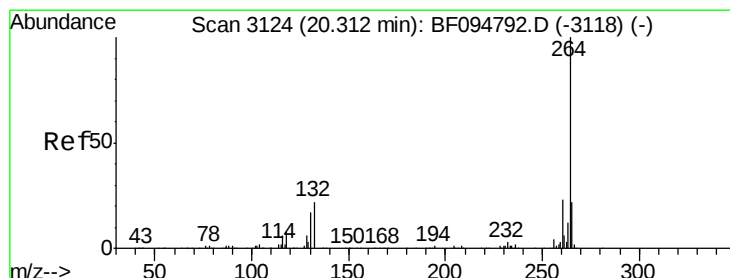
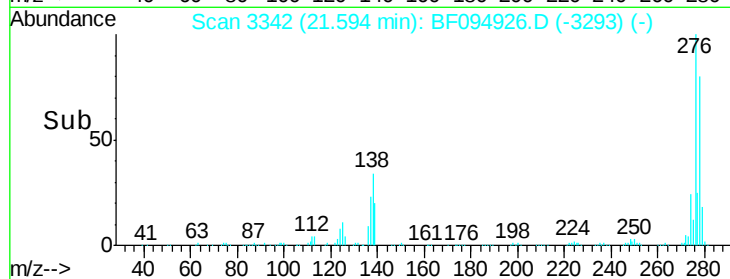
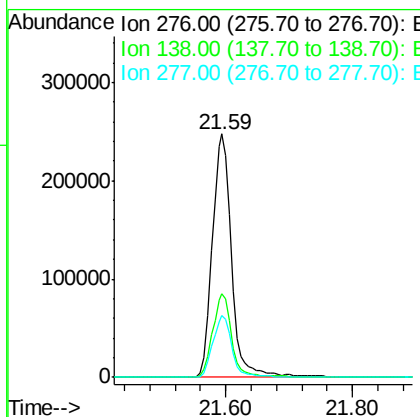
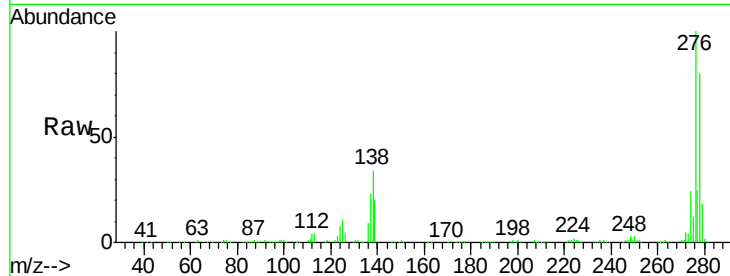
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.57 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	25.1	20.2	30.4

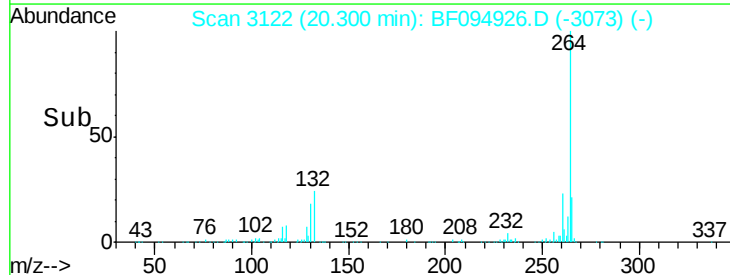
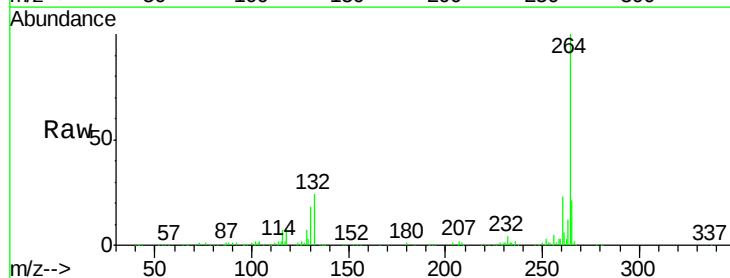
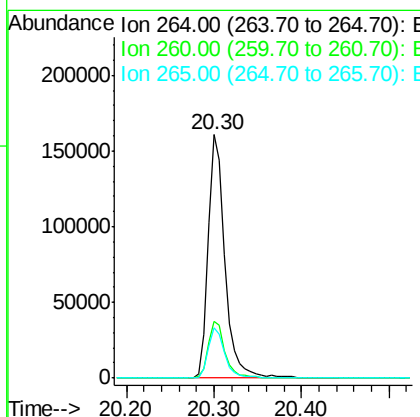
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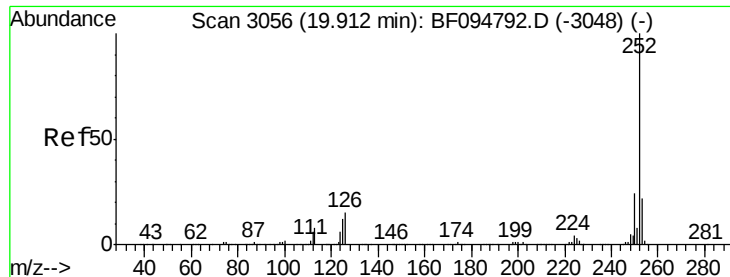
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.72 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

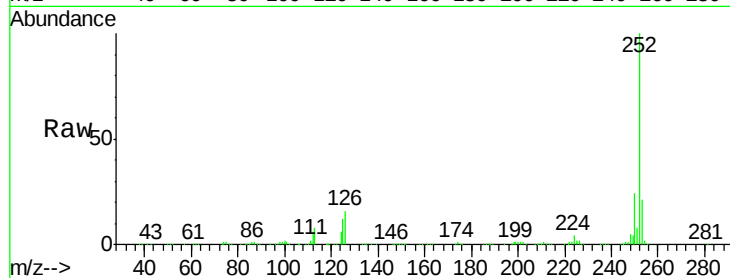
ClientSampleId :

PB98685BS

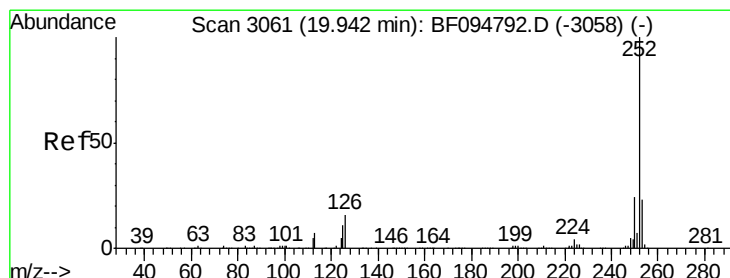
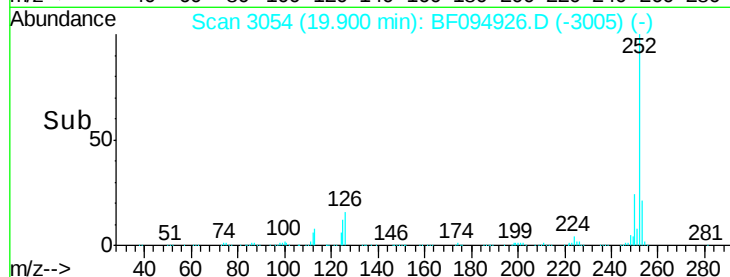
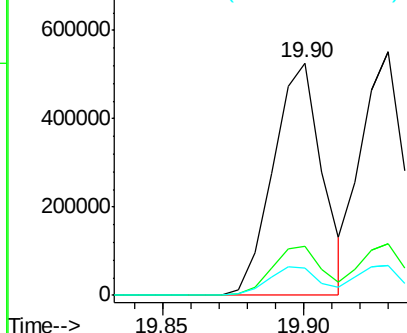
Tgt Ion:	252	Resp:	634022
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.1	27.1
125	11.9	9.8	14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.17 ng

RT: 19.93 min Scan# 3059

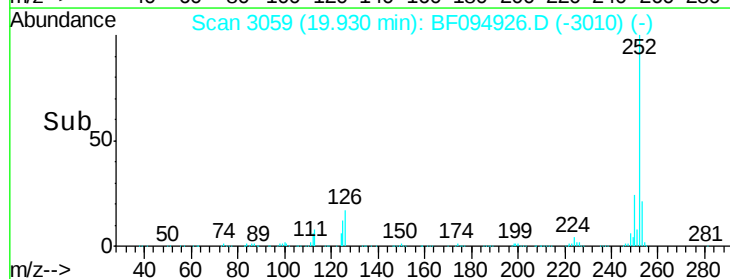
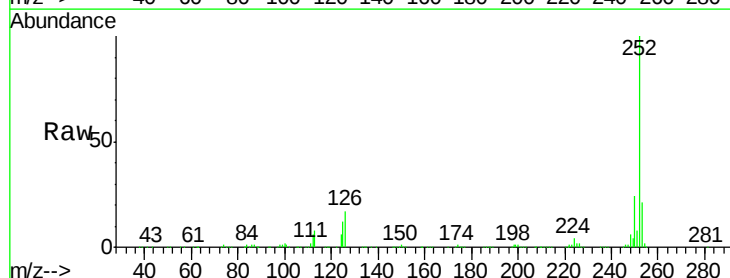
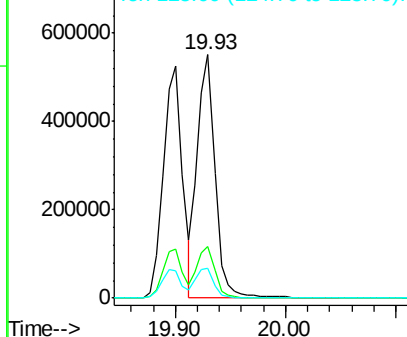
Delta R.T. -0.01 min

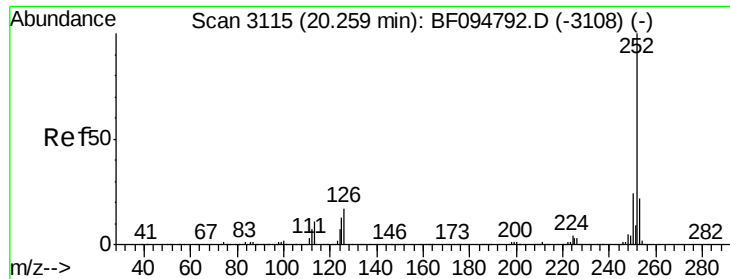
Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	252	Resp:	604601
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.4	27.6
125	12.3	13.1	19.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





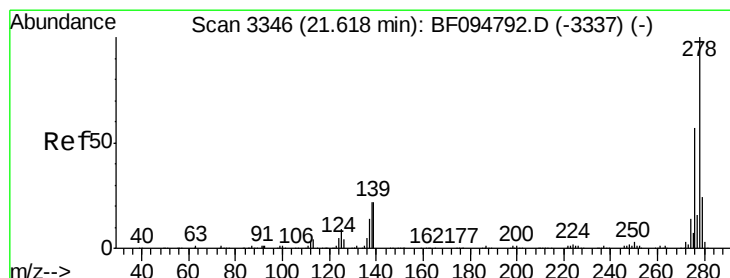
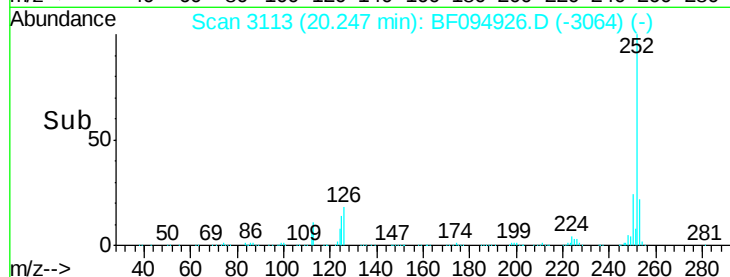
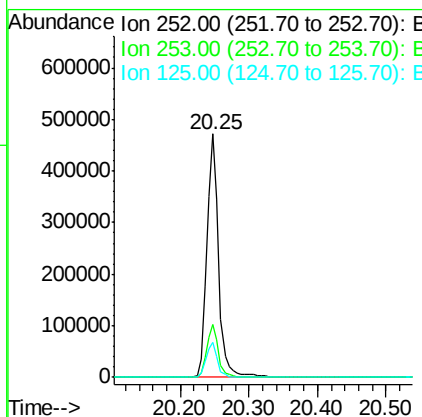
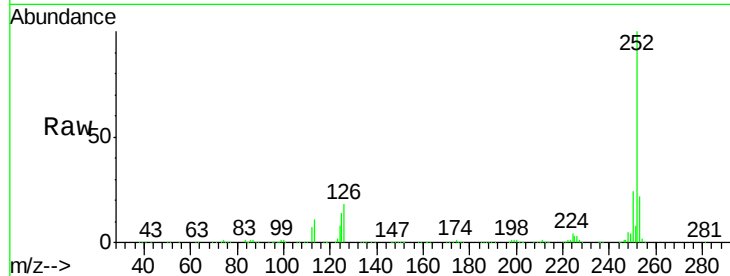
#89
Benzo(a)pyrene
Concen: 46.69 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :
PB98685BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.4	11.0	16.4

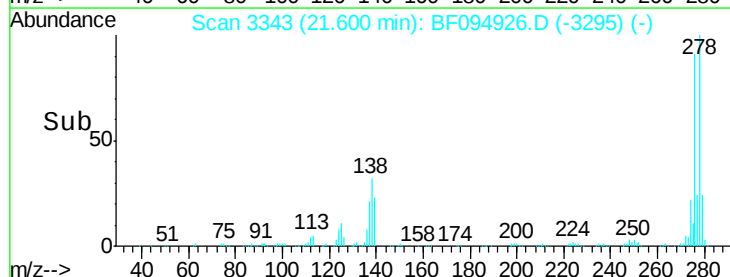
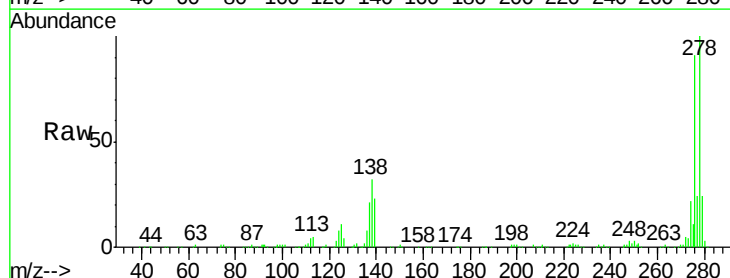
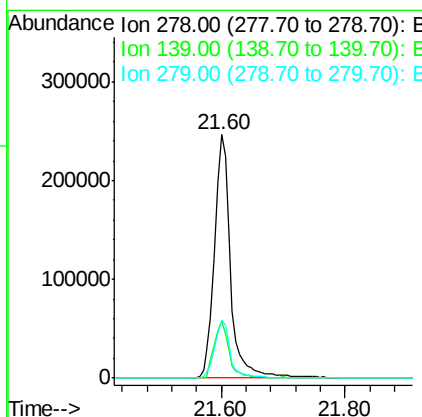
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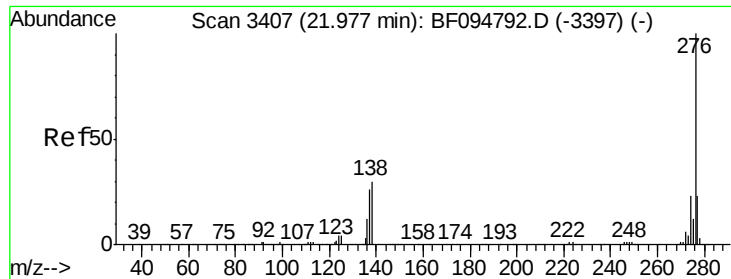
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#90
Dibenzo(a,h)anthracene
Concen: 43.58 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 45.85 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB98685BS

Tgt Ion:	276	Resp:	455626
Ion Ratio		Lower	Upper
276	100		
277	24.2	18.6	28.0
138	28.7	25.4	38.0

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