

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094946.D
 Acq On : 6 May 2017 6:57
 Operator : SJ/MA
 Sample : PB98737BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Manual Integrations
 APPROVED

mohammad
 5/8/2017 2:48:45 PM

Quant Time: May 08 01:49:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	99662	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	410050	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	196389	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	333261	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	247448	20.00	ng	-0.01
86) Perylene-d12	20.31	264	200631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	813637	136.11	ng	0.00
7) Phenol-d6	7.27	99	955433	133.21	ng	0.00
23) Nitrobenzene-d5	8.63	82	556103	85.52	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	207539	129.04	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1123546	82.35	ng	-0.01
78) Terphenyl-d14	17.30	244	968543	86.21	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	99939	34.09	ng	93
3) Pyridine	2.84	79	235148	34.61	ng	97
4) n-Nitrosodimethylamine	2.76	42	116084	40.99	ng	87
6) Aniline	7.23	93	225898	24.95	ng	96
8) 2-Chlorophenol	7.41	128	317093	46.60	ng	96
9) Benzaldehyde	7.05	77	40611	9.27	ng	91
10) Phenol	7.29	94	348078	46.05	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	271753	43.55	ng	95
12) 1,3-Dichlorobenzene	7.63	146	326462	42.30	ng	99
13) 1,4-Dichlorobenzene	7.75	146	322200	41.16	ng	97
14) 1,2-Dichlorobenzene	7.99	146	313902	42.97	ng	96
15) Benzyl Alcohol	8.01	79	241746	52.40	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	363978	41.21	ng	52
17) 2-Methylphenol	8.22	107	253158	45.47	ng	# 88
18) Hexachloroethane	8.51	117	106912	40.32	ng	# 86
19) n-Nitroso-di-n-propylamine	8.44	70	208300	42.94	ng	92
20) 3+4-Methylphenols	8.48	107	330030	43.62	ng	# 63
22) Acetophenone	8.40	105	412938	41.97	ng	# 84
24) Nitrobenzene	8.65	77	289816	42.52	ng	94
25) Isophorone	9.05	82	553983	47.71	ng	# 94
26) 2-Nitrophenol	9.16	139	174132	47.35	ng	98
27) 2,4-Dimethylphenol	9.30	122	269339	45.29	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	351570	43.77	ng	98
29) 2,4-Dichlorophenol	9.58	162	244487	43.55	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	247132	41.08	ng	99
31) Naphthalene	9.78	128	830969	40.32	ng	100
32) Benzoic acid	9.62	122	164308	42.71	ng	97
33) 4-Chloroaniline	9.94	127	47925	6.24	ng	96
34) Hexachlorobutadiene	10.00	225	126291	39.79	ng	98
35) Caprolactam	10.55	113	83052m	49.26	ng	
36) 4-Chloro-3-methylphenol	10.77	107	279726	46.60	ng	89
37) 2-Methylnaphthalene	10.90	142	609248	45.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	233130	38.60	ng	99
40) Hexachlorocyclopentadiene	11.16	237	206968	81.40	ng	98

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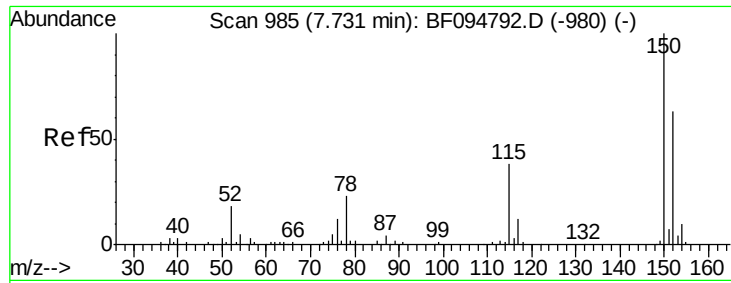
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	173115	42.93	ng	97
43) 2,4,5-Trichlorophenol	11.48	196	176898	40.82	ng #	94
45) 1,1'-Biphenyl	11.67	154	683018	41.31	ng	99
46) 2-Chloronaphthalene	11.68	162	541124	40.53	ng	95
47) 2-Nitroaniline	11.90	65	153880	42.11	ng #	83
48) Acenaphthylene	12.34	152	870575	41.63	ng	99
49) Dimethylphthalate	12.22	163	648643	40.23	ng	98
50) 2,6-Dinitrotoluene	12.31	165	144992	44.08	ng	96
51) Acenaphthene	12.62	154	509887	40.82	ng	99
52) 3-Nitroaniline	12.58	138	58720	16.63	ng #	94
53) 2,4-Dinitrophenol	12.77	184	143527	79.29	ng #	66
54) Dibenzofuran	12.91	168	786928	45.53	ng	98
55) 4-Nitrophenol	12.95	139	188476	88.89	ng #	77
56) 2,4-Dinitrotoluene	12.97	165	194665	46.06	ng #	92
57) Fluorene	13.47	166	624845	41.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	137569	50.44	ng #	93
59) Diethylphthalate	13.37	149	636692	41.20	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	276668	41.89	ng	90
61) 4-Nitroaniline	13.58	138	132252	40.81	ng	96
62) Azobenzene	13.75	77	586836	47.26	ng	93
64) 4,6-Dinitro-2-methylphenol	13.64	198	101856	45.59	ng #	66
65) n-Nitrosodiphenylamine	13.70	169	532943	44.06	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	158123	44.91	ng	96
67) Hexachlorobenzene	14.36	284	158531	43.93	ng #	83
68) Atrazine	14.62	200	163532	47.89	ng	96
69) Pentachlorophenol	14.71	266	142090	86.57	ng	99
70) Phenanthrene	15.01	178	828891	43.29	ng	98
71) Anthracene	15.09	178	869921	44.48	ng	99
72) Carbazole	15.38	167	805949	45.29	ng	97
73) Di-n-butylphthalate	15.94	149	994492	44.81	ng	99
74) Fluoranthene	16.75	202	889621	45.29	ng	99
76) Benzidine	16.97	184	276849	42.28	ng #	93
77) Pyrene	17.05	202	891079	48.15	ng	99
79) Butylbenzylphthalate	17.96	149	373918	43.44	ng	90
80) Benzo(a)anthracene	18.63	228	625813	43.46	ng	99
81) 3,3'-Dichlorobenzidine	18.61	252	123639	24.86	ng #	94
82) Chrysene	18.68	228	600682	43.14	ng	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	550337	44.87	ng #	99
84) Di-n-octyl phthalate	19.47	149	953888	47.44	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	529216	46.80	ng	100
87) Benzo(b)fluoranthene	19.90	252	544469	43.92	ng	99
88) Benzo(k)fluoranthene	19.93	252	533442	44.61	ng #	94
89) Benzo(a)pyrene	20.25	252	510540	44.63	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	433416	45.88	ng	97
91) Benzo(g,h,i)perylene	21.97	276	465290	50.19	ng	96

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



#1

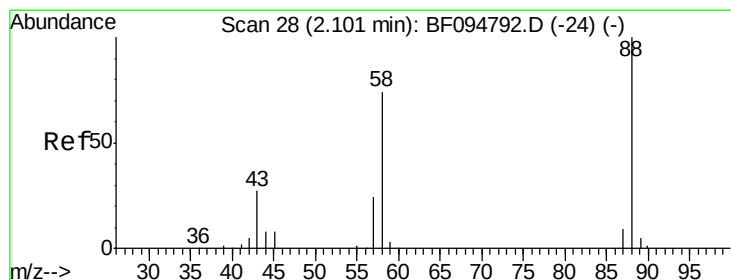
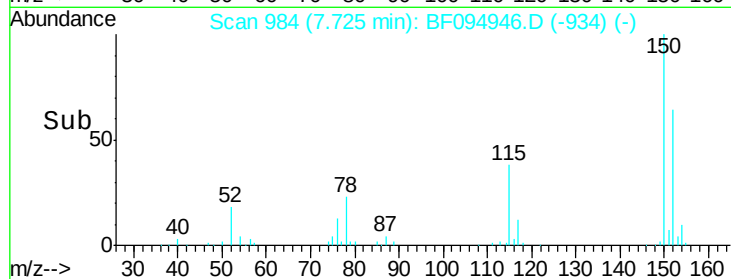
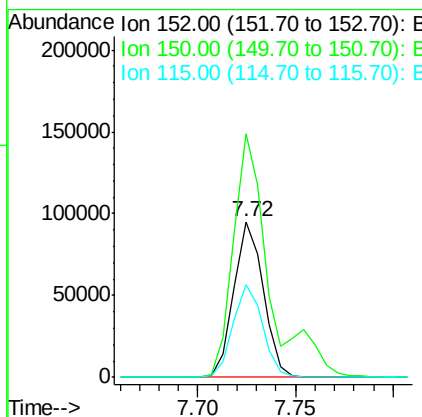
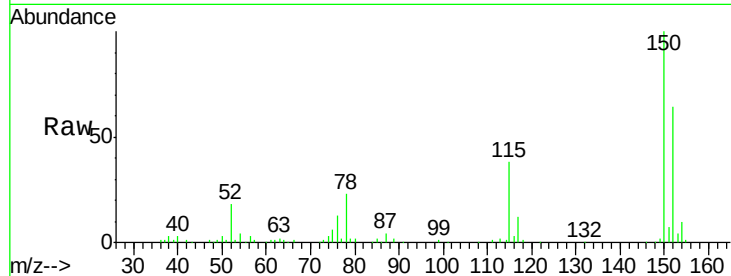
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	59.0	52.2	78.2

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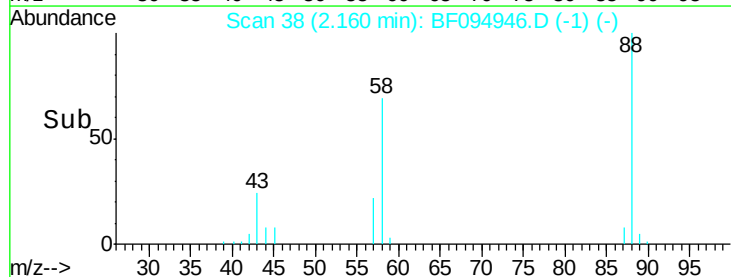
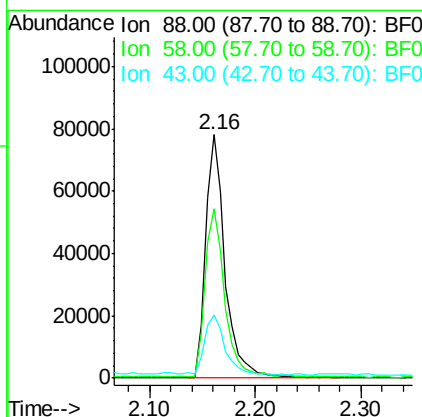
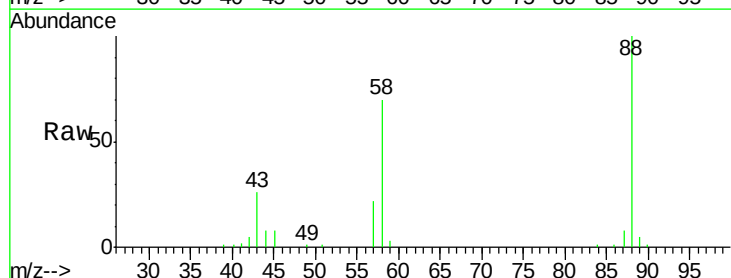
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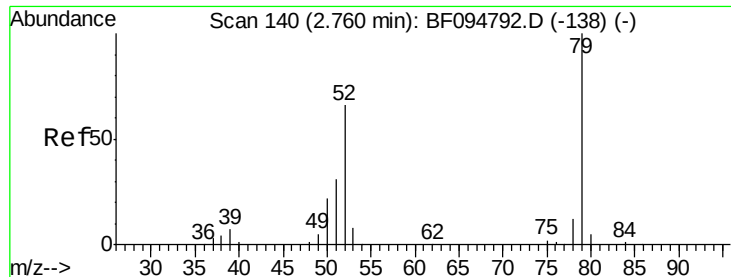


#2

1,4-Dioxane
Concen: 34.09 ng
RT: 2.16 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	61.4	92.0
43	25.6	23.4	35.0





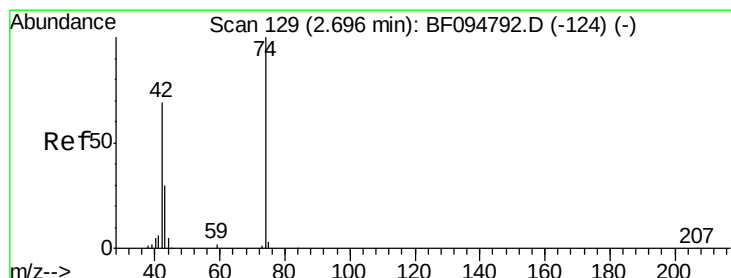
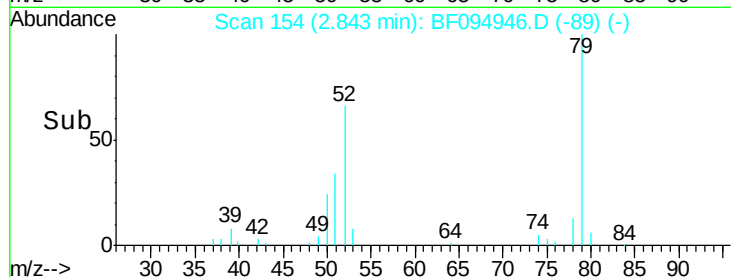
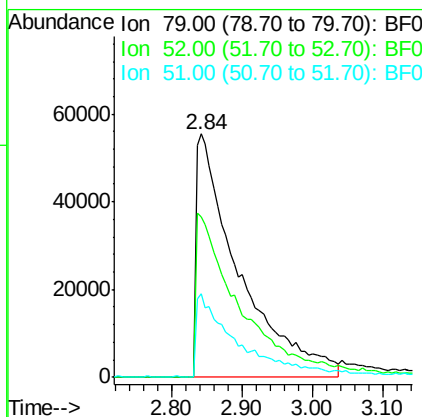
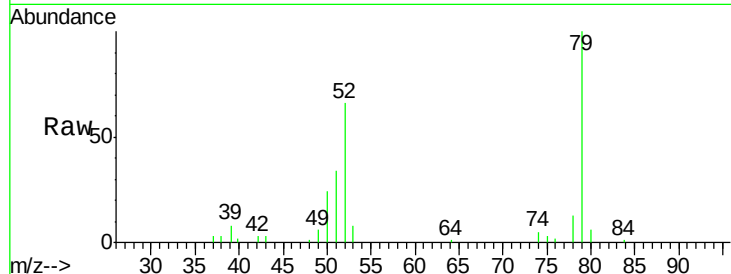
#3
Pyridine
 Concen: 34.61 ng
 RT: 2.84 min Scan# 154
 Delta R.T. 0.08 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.8	54.8	82.2
51	34.5	27.0	40.4

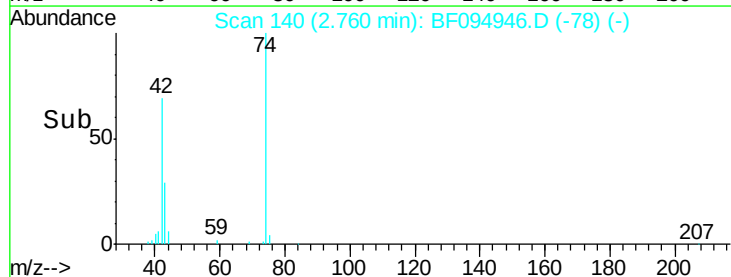
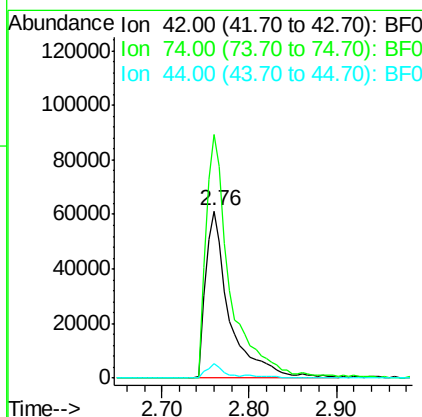
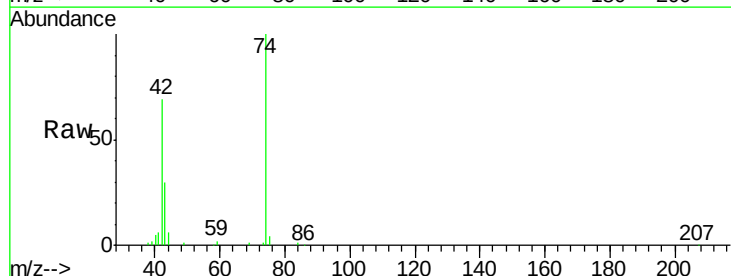
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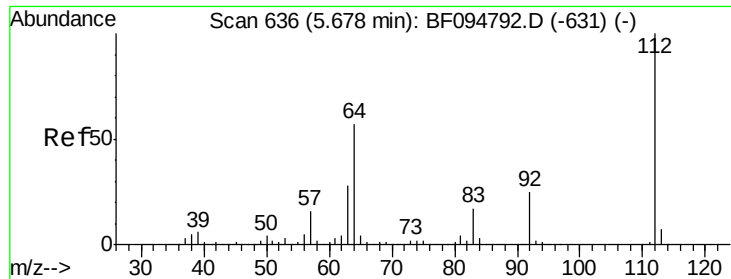
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#4
n-Nitrosodimethylamine
 Concen: 40.99 ng
 RT: 2.76 min Scan# 140
 Delta R.T. 0.06 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.9	103.9	155.9
44	8.4	5.7	8.5





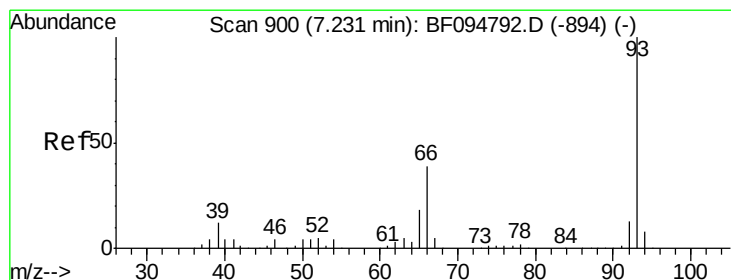
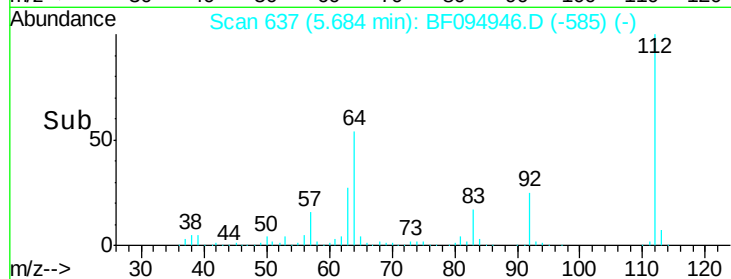
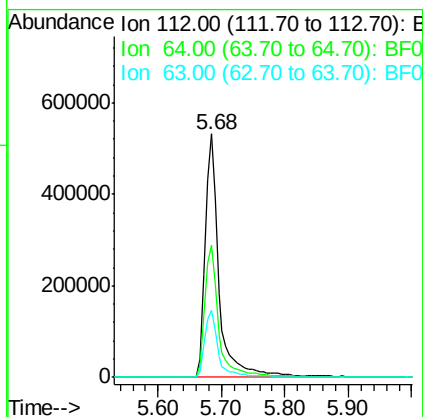
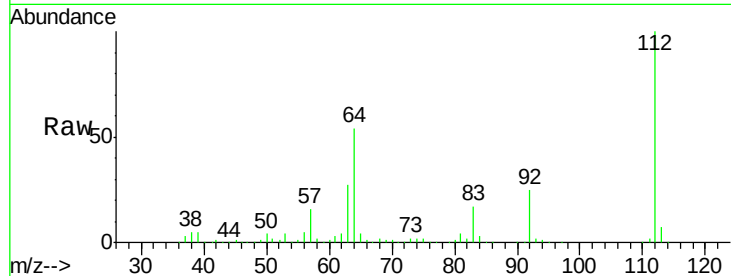
#5
2-Fluorophenol
Concen: 136.11 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	54.5	46.0	69.0
63	27.3	23.4	35.0

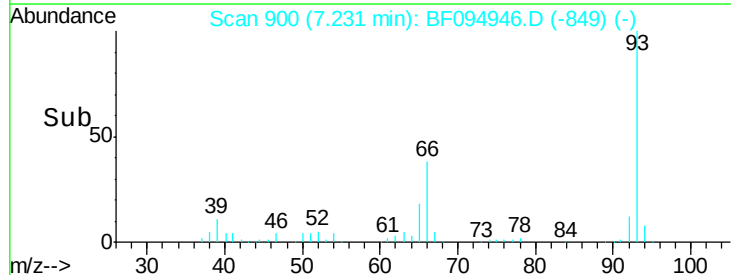
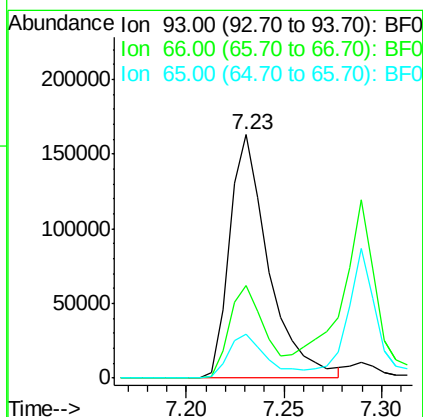
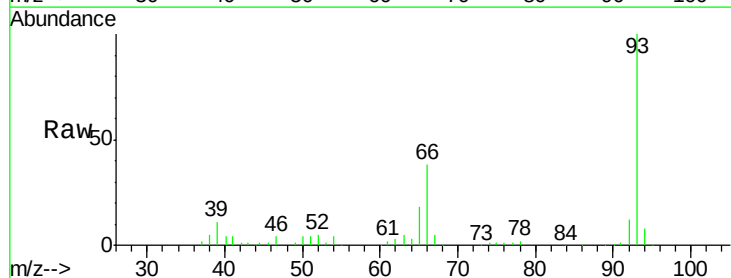
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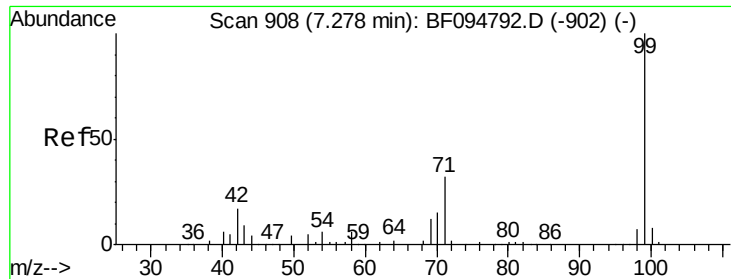
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#6
Aniline
Concen: 24.95 ng
RT: 7.23 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.2	32.9	49.3
65	18.2	16.0	24.0





#7

Phenol-d6

Concen: 133.21 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

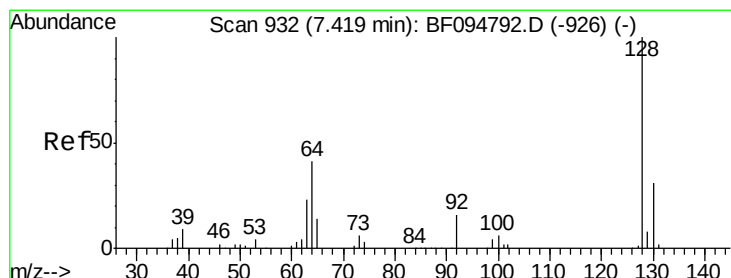
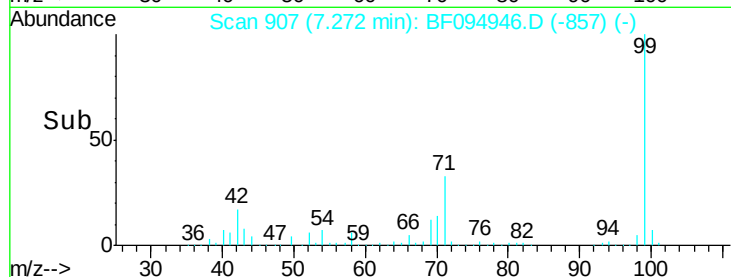
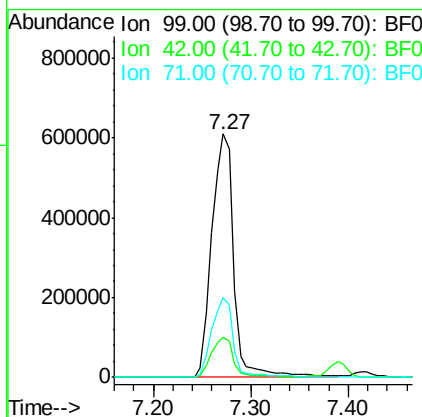
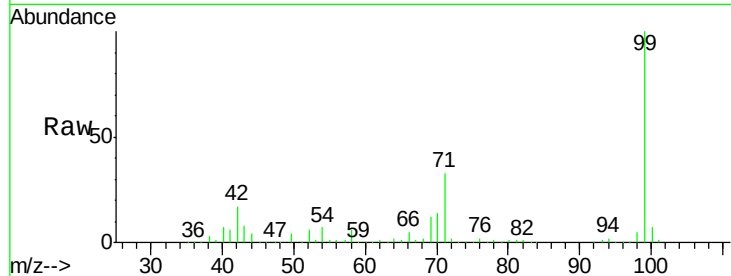
ClientSampleId :

PB98737BS

Tgt Ion:	99	Resp:	955433
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	33.0	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.60 ng

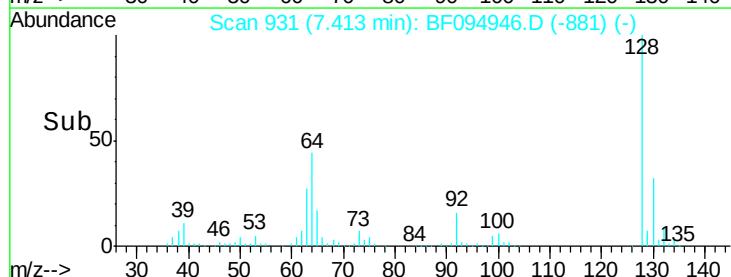
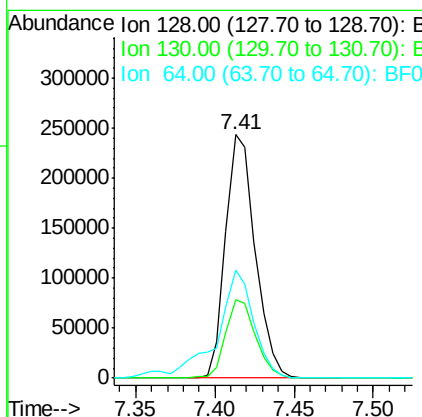
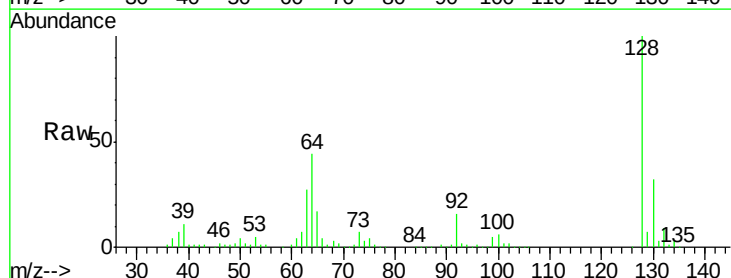
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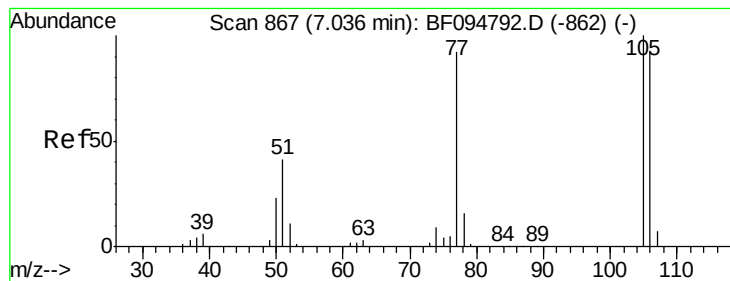
Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Tgt Ion:	128	Resp:	317093
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	44.4	28.4	68.4





#9

Benzaldehyde

Concen: 9.27 ng

RT: 7.05 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

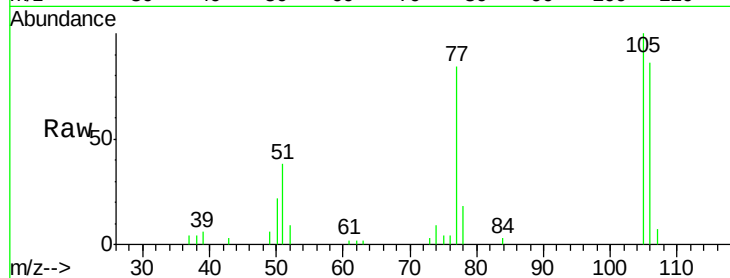
ClientSampleId :

PB98737BS

Tgt Ion:	77	Resp:	40611
Ion	Ratio	Lower	Upper
77	100		
105	119.0	83.8	123.8
106	102.4	79.1	119.1

Manual Integrations
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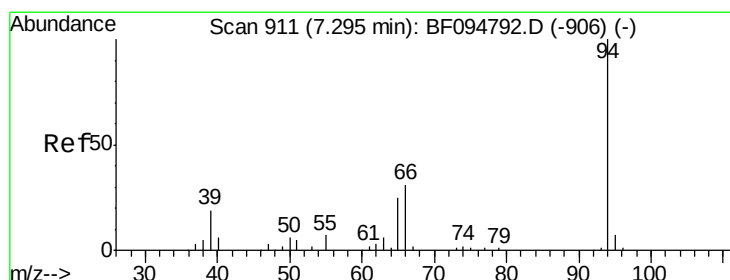
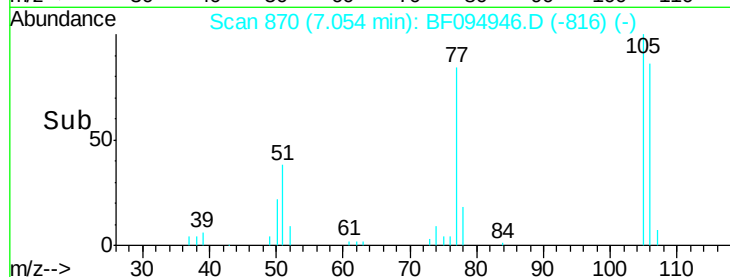
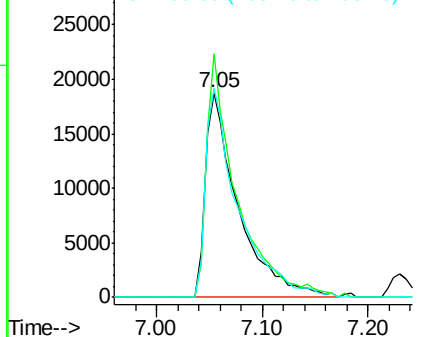
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 46.05 ng

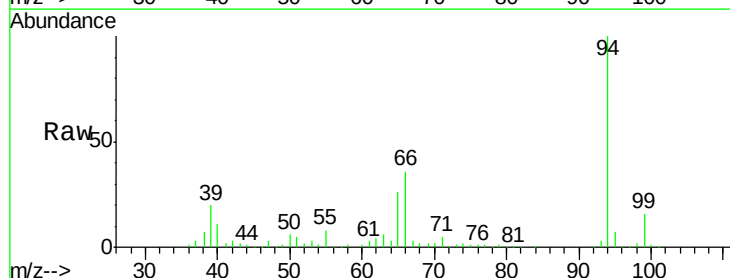
RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

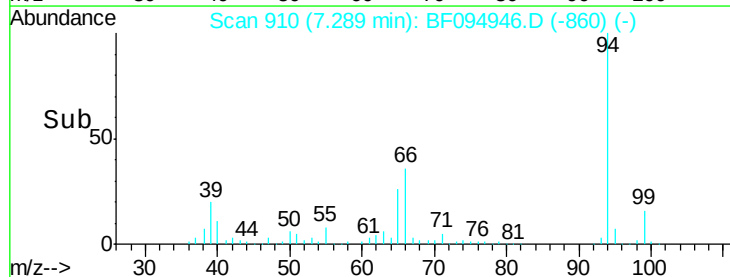
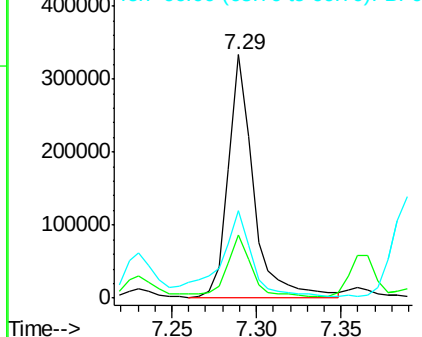
Tgt Ion:	94	Resp:	348078
Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	35.8	23.1	63.1

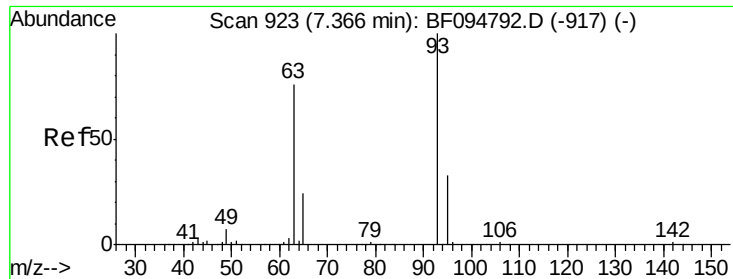


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





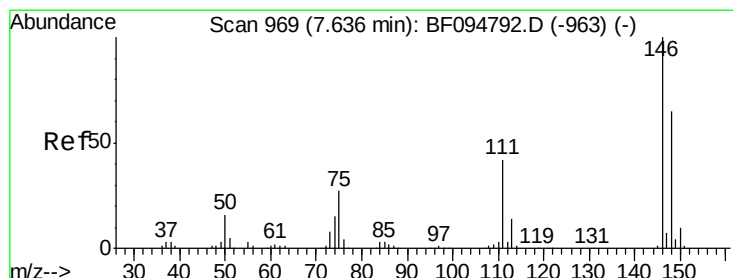
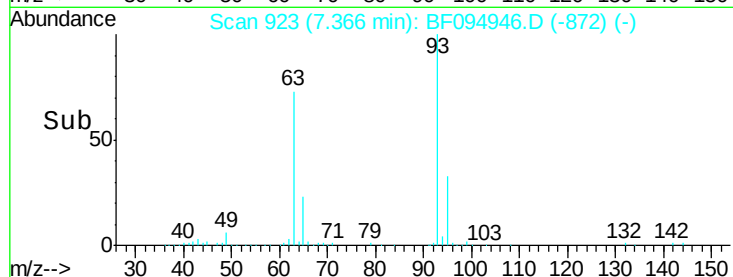
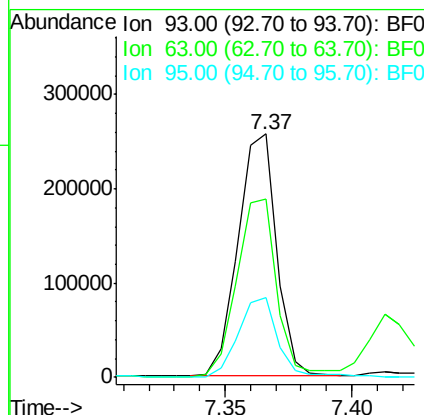
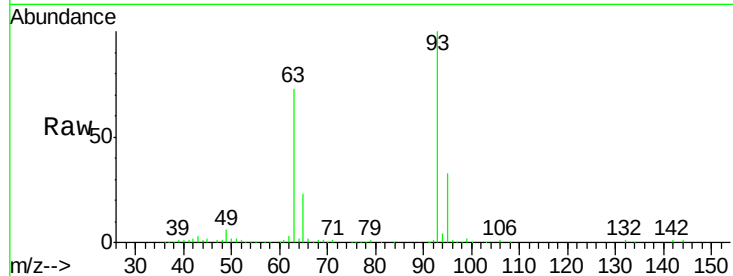
#11
bis(2-Chloroethyl)ether
Concen: 43.55 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion:	93	Resp:	271753
Ion	Ratio	Lower	Upper
93	100		
63	73.2	59.2	99.2
95	32.8	12.8	52.8

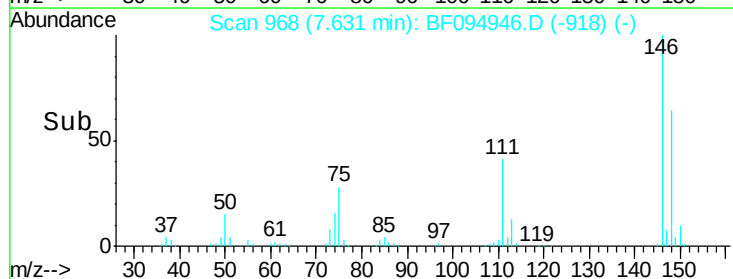
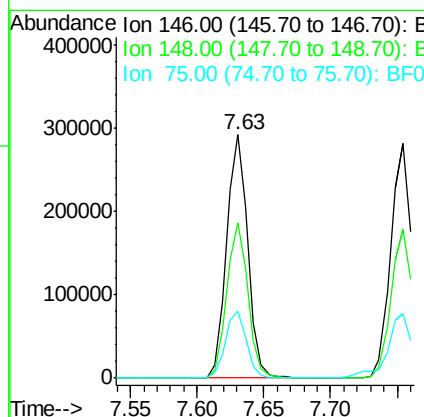
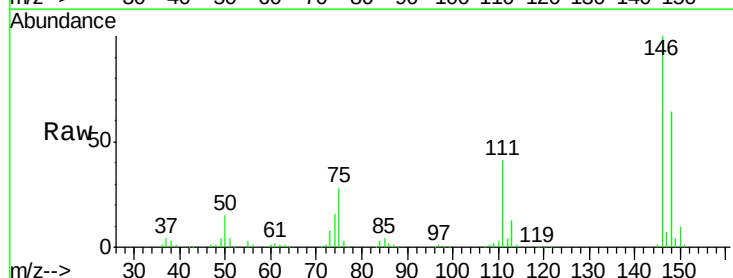
Manual Integrations
APPROVED

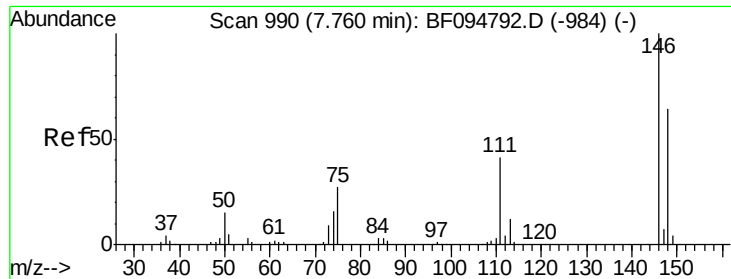
mohammad
5/8/2017 2:48:45 PM



#12
1,3-Dichlorobenzene
Concen: 42.30 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion:	146	Resp:	326462
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	27.5	23.1	34.7





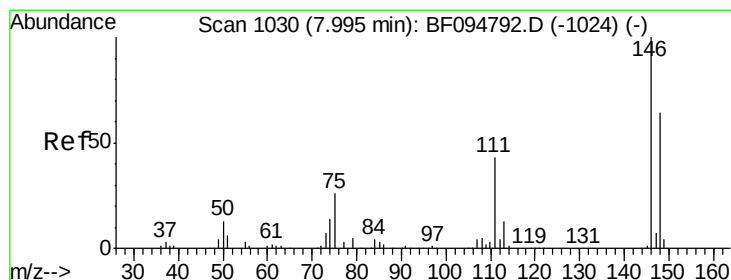
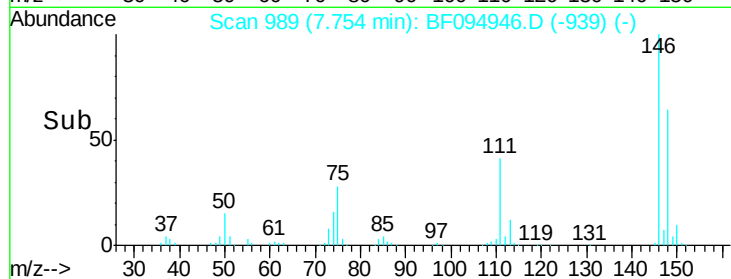
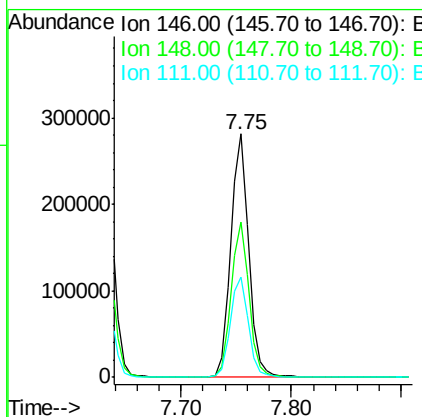
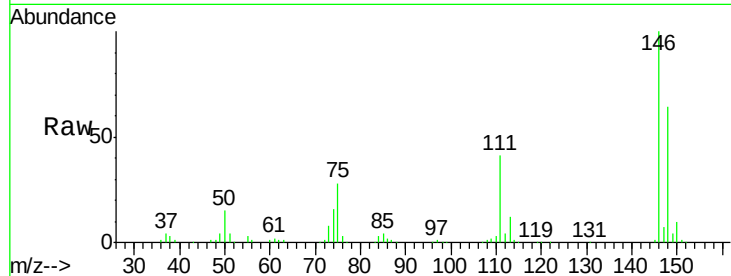
#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	41.0	30.3	45.5

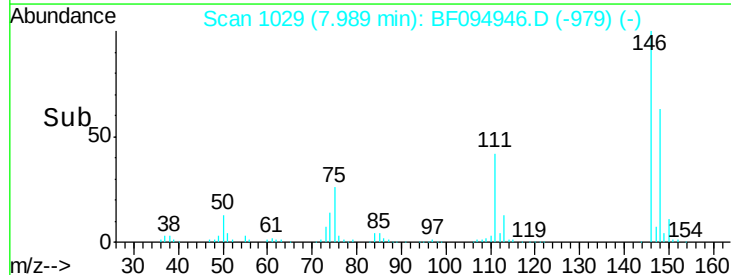
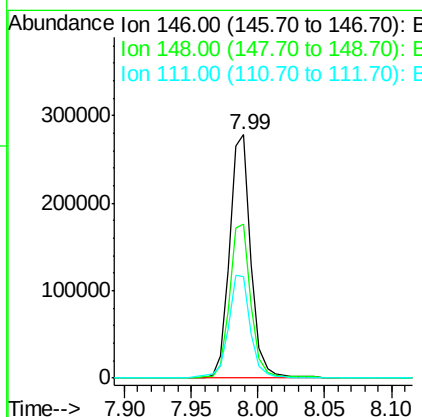
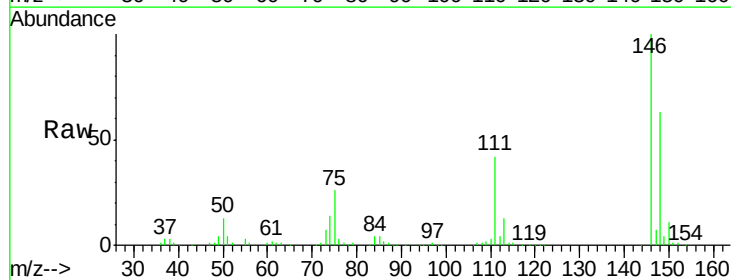
Manual Integrations
 APPROVED

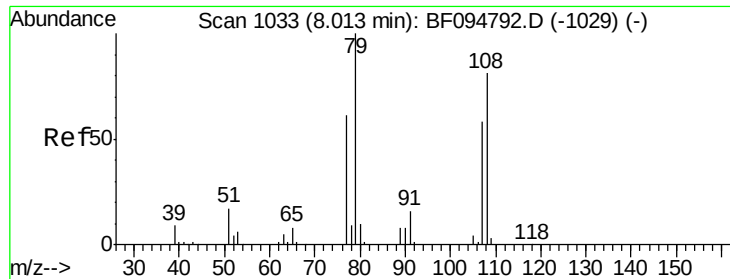
mohammad
 5/8/2017 2:48:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.97 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	41.7	38.2	57.4





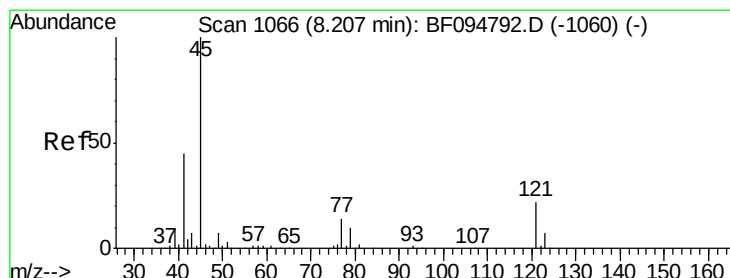
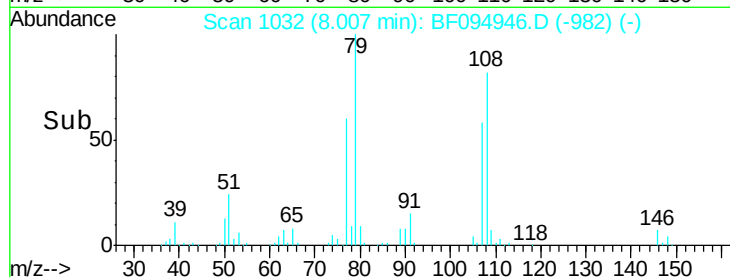
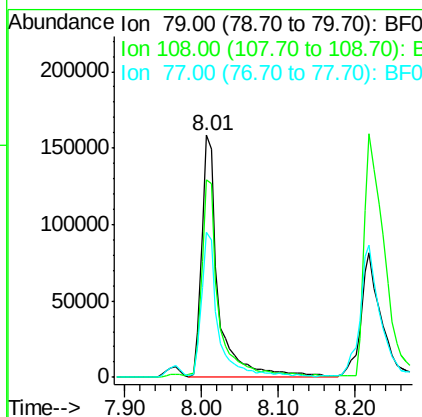
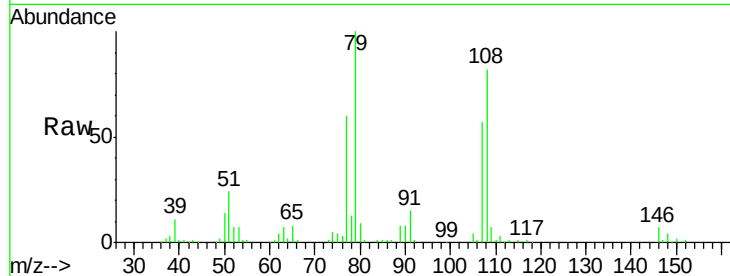
#15
Benzyl Alcohol
Concen: 52.40 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.8	63.4	95.0
77	59.9	49.2	73.8

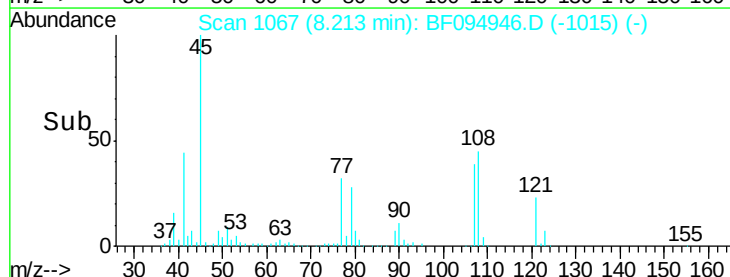
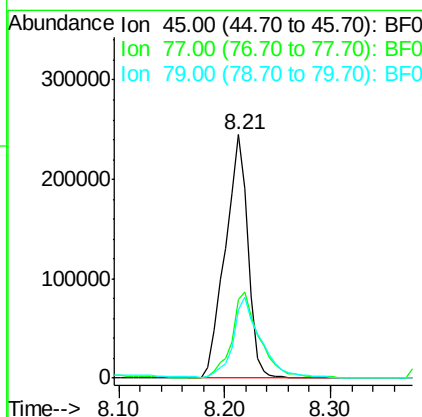
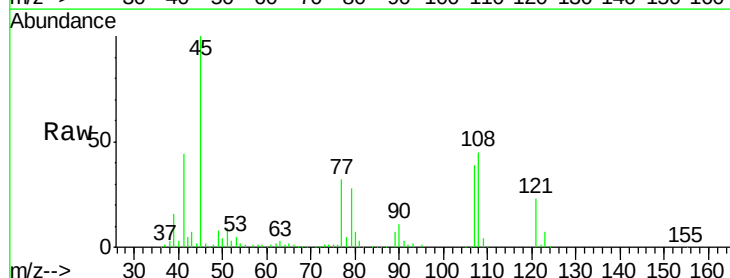
Manual Integrations
APPROVED

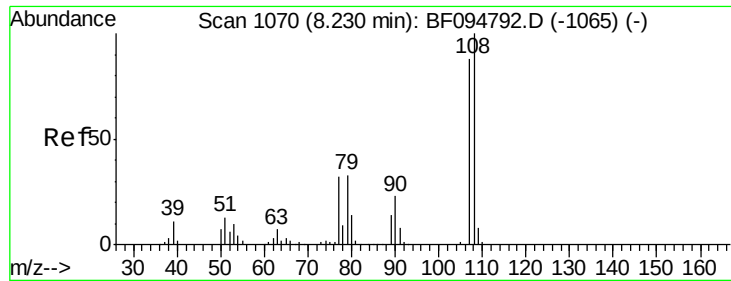
mohammad
5/8/2017 2:48:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.21 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.2	0.0	33.2
79	28.1	0.0	30.0





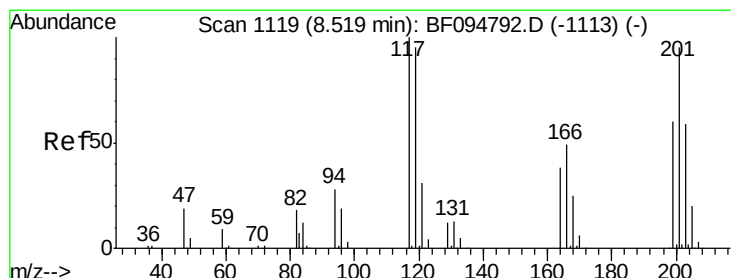
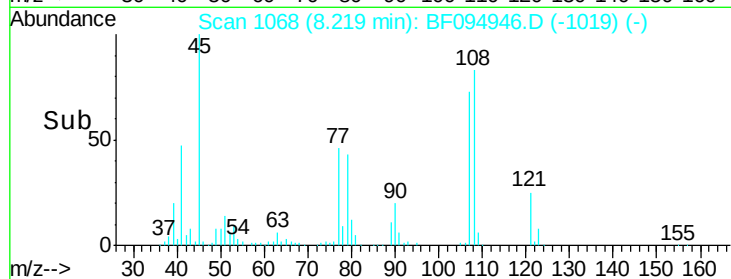
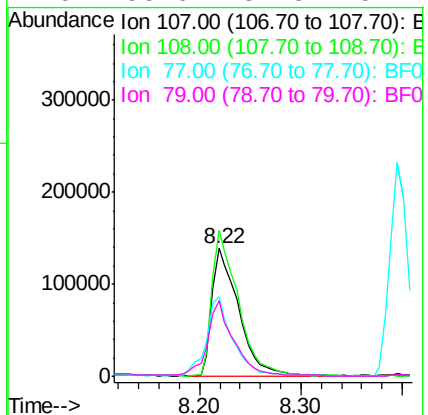
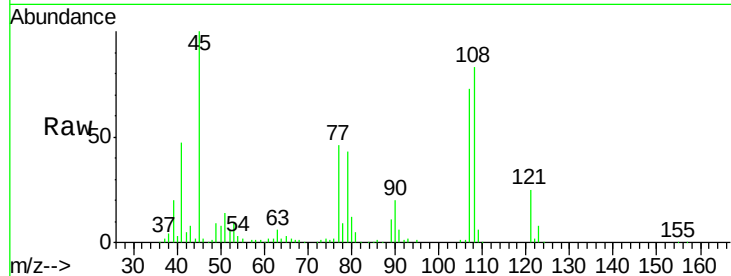
#17
2-Methylphenol
Concen: 45.47 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	93.4	140.0	
77	62.4	35.8	53.6#	
79	58.6	34.8	52.2#	

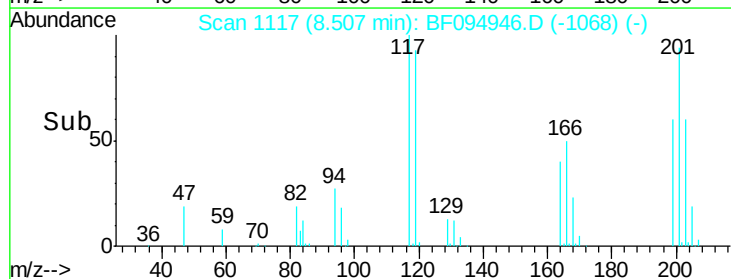
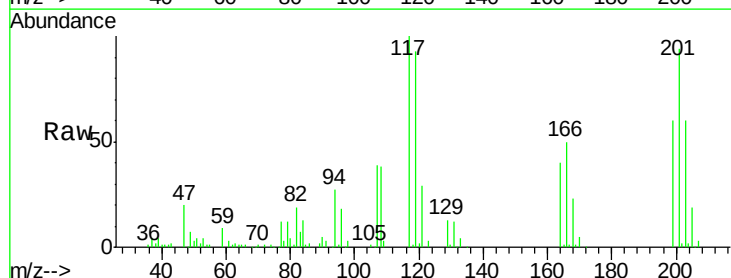
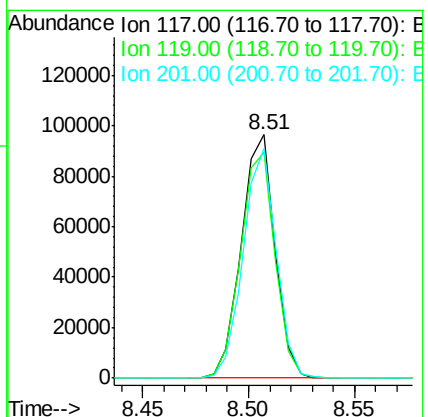
Manual Integrations
APPROVED

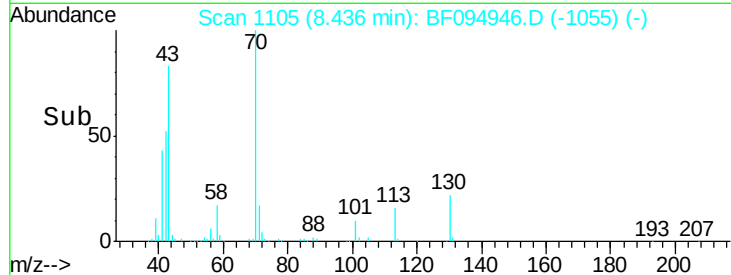
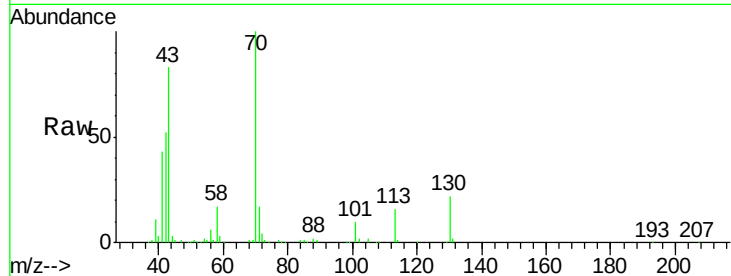
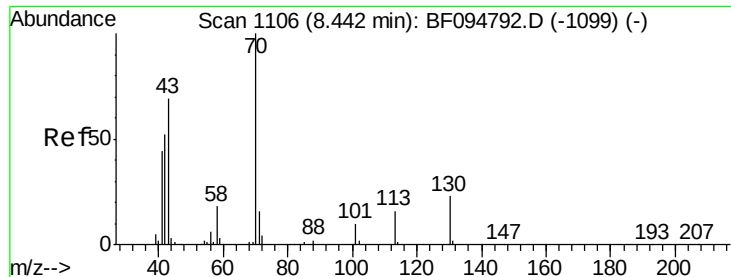
mohammad
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#18
Hexachloroethane
Concen: 40.32 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.6	77.4	116.0	
201	94.4	94.6	141.8#	





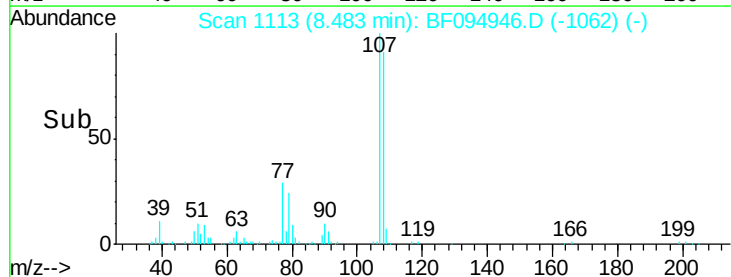
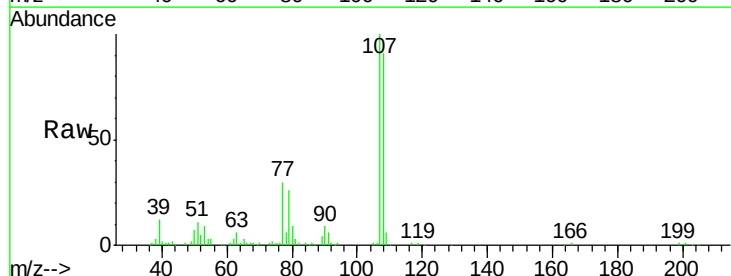
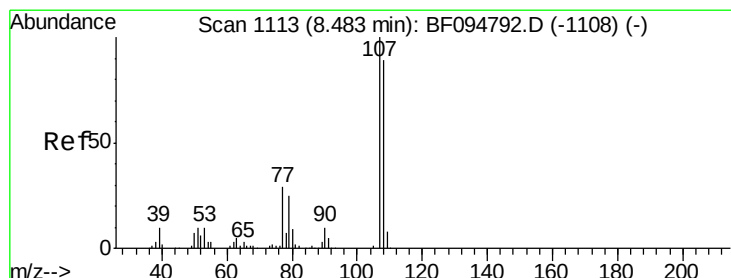
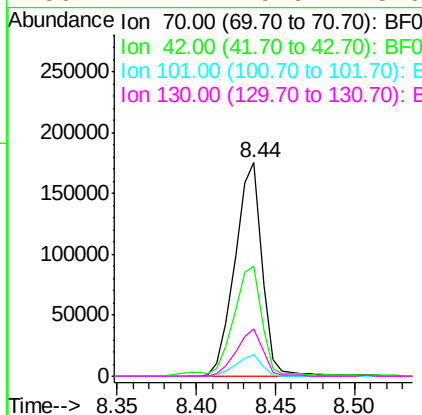
#19
n-Nitroso-di-n-propylamine
Concen: 42.94 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampled :
PB98737BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.2	70.8
101	10.1	7.2	10.8
130	22.4	15.9	23.9

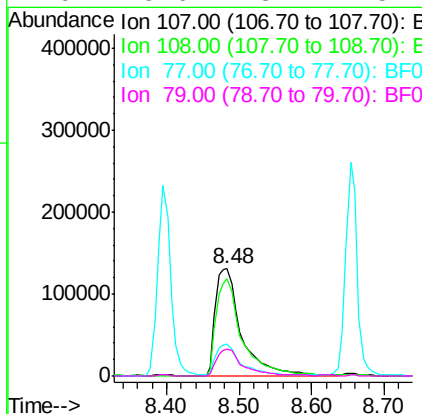
Manual Integrations
APPROVED

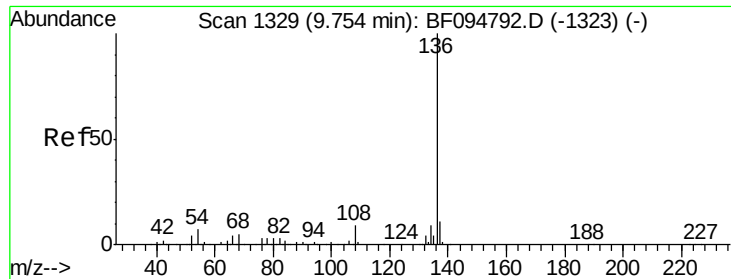
mohammad
5/8/2017 2:48:45 PM



#20
3+4-Methylphenols
Concen: 43.62 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.0	111.0
77	30.0	90.5	130.5#
79	25.6	8.4	48.4





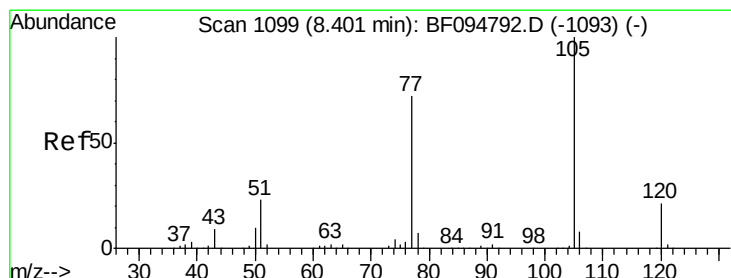
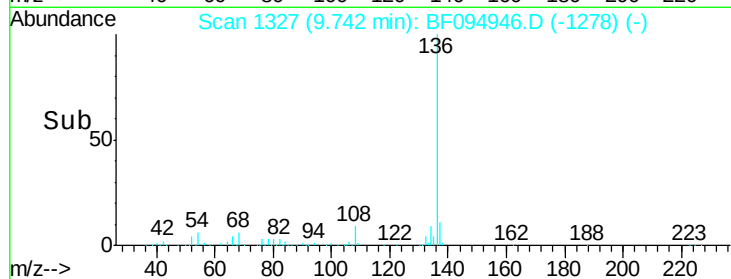
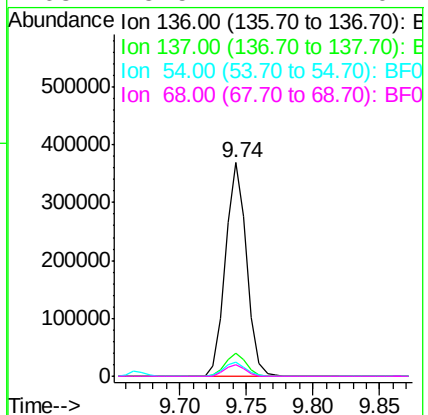
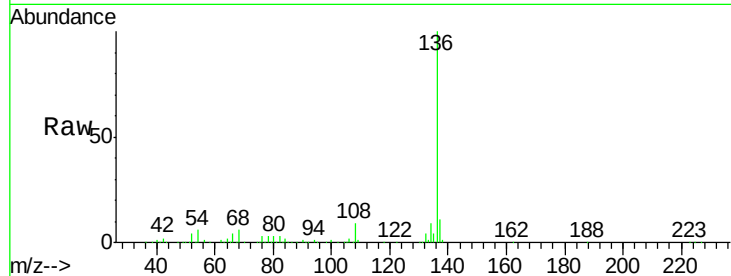
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	410050		
137	11.0	8.5	12.7	
54	6.5	4.9	7.3	
68	5.5	4.1	6.1	

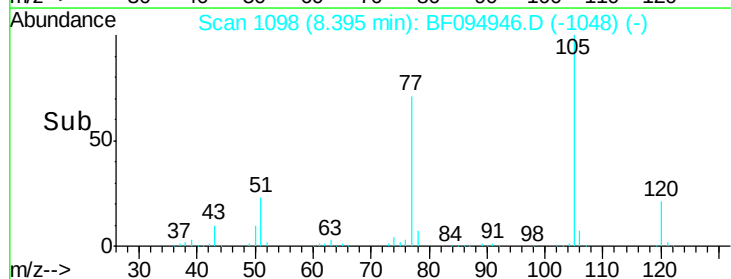
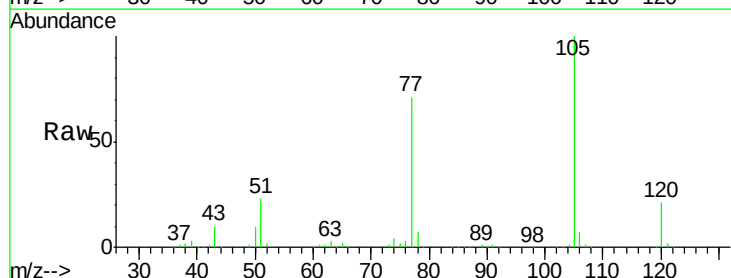
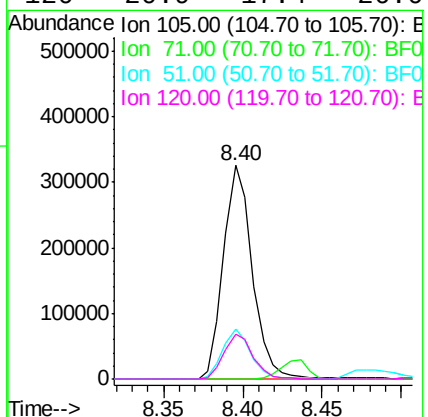
Manual Integrations
APPROVED

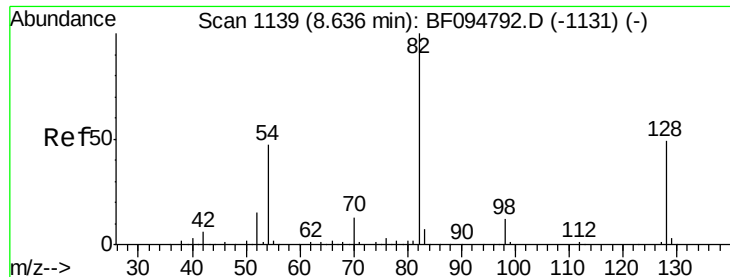
mohammad
5/8/2017 2:48:45 PM



#22
Acetophenone
Concen: 41.97 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	412938		
71	0.0	2.8	4.2#	
51	23.3	30.7	46.1#	
120	20.9	17.4	26.0	





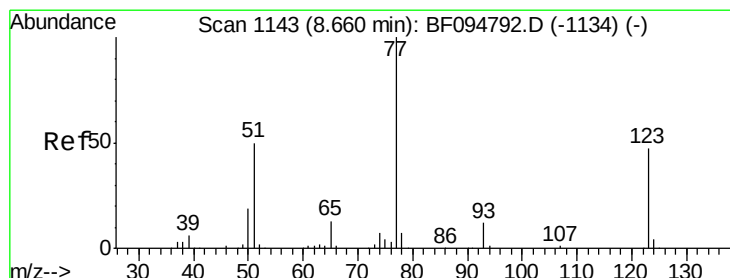
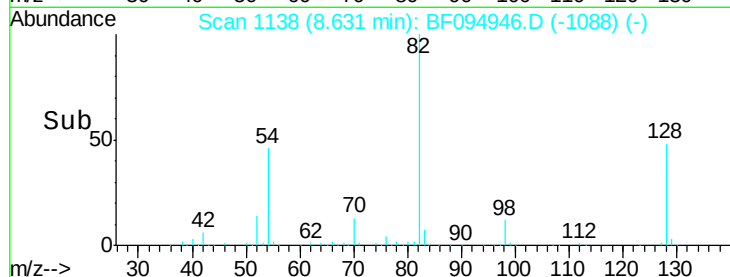
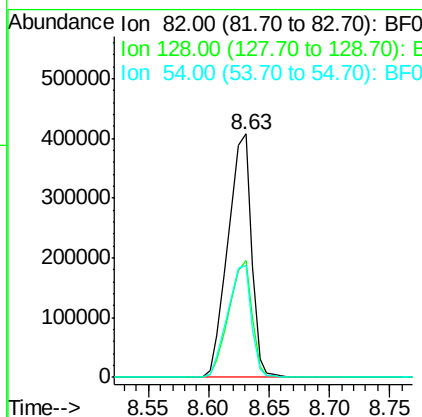
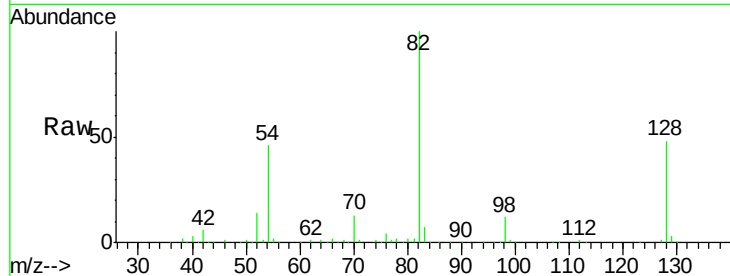
#23
Nitrobenzene-d5
Concen: 85.52 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	556103		
128	48.2	34.0	51.0	
54	46.1	42.2	63.2	

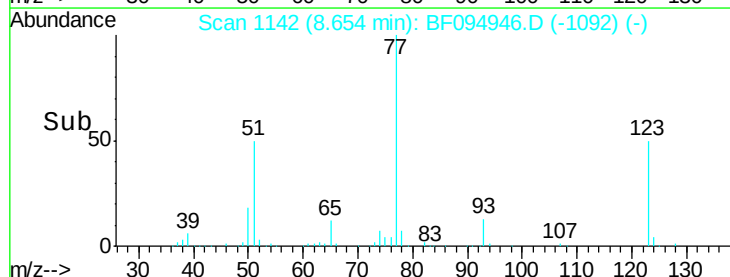
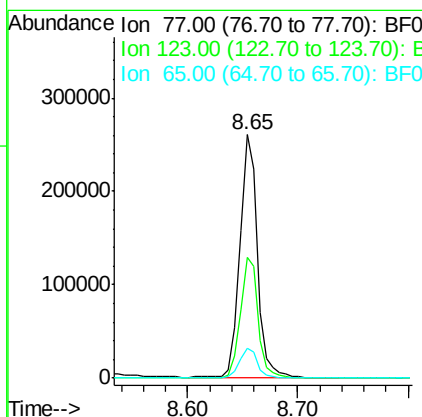
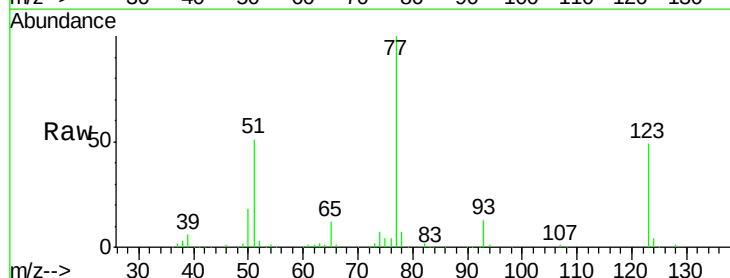
Manual Integrations
APPROVED

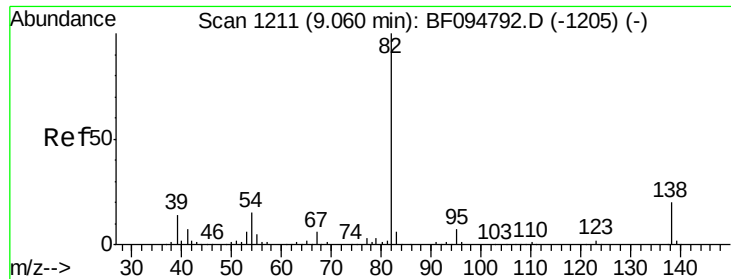
mohammad
5/8/2017 2:48:45 PM



#24
Nitrobenzene
Concen: 42.52 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	289816		
123	49.4	35.8	53.8	
65	12.1	10.6	15.8	





#25

Isophorone

Concen: 47.71 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

PB98737BS

Tgt Ion: 82 Resp: 553983

Ion Ratio Lower Upper

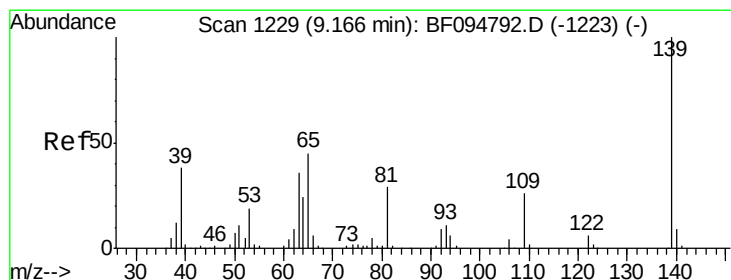
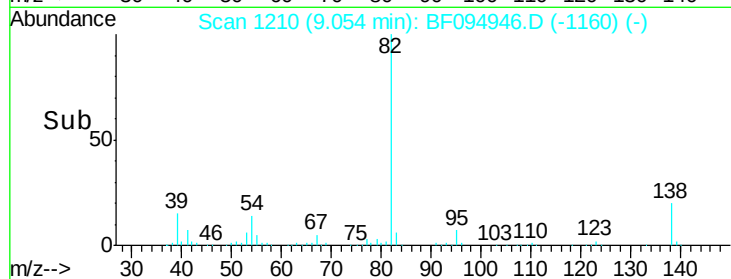
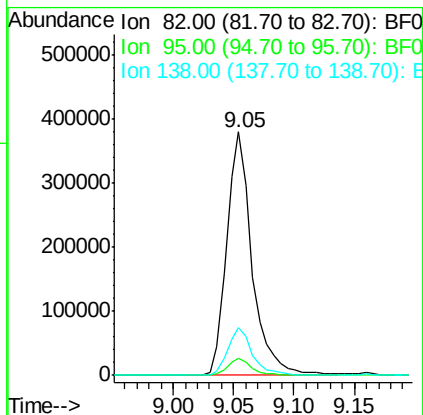
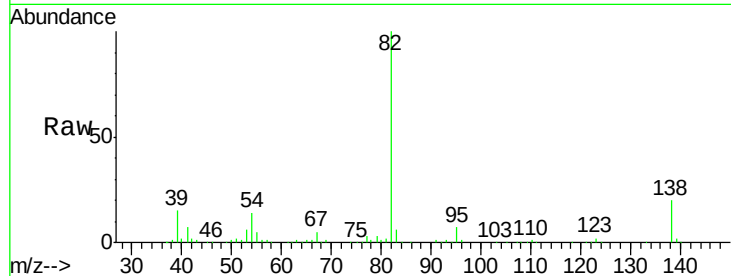
82 100

95 7.0 5.3 7.9

138 19.7 13.1 19.7#

Manual Integrations
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5/8/2017 2:48:45 PM



#26

2-Nitrophenol

Concen: 47.35 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

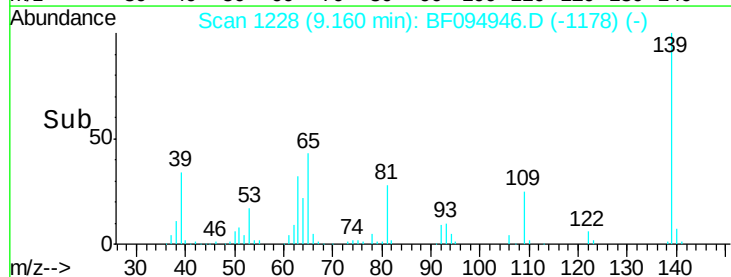
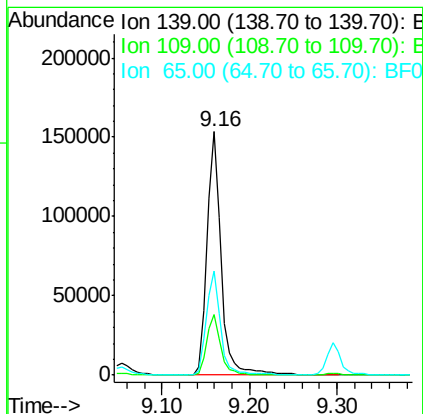
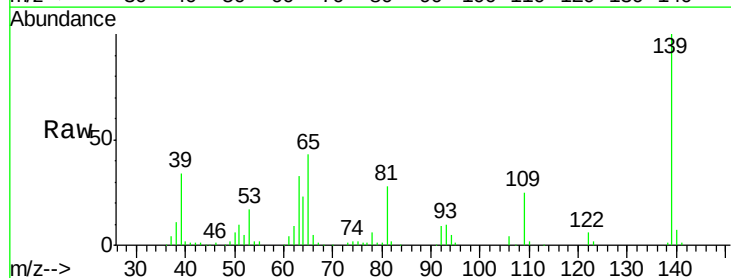
Tgt Ion: 139 Resp: 174132

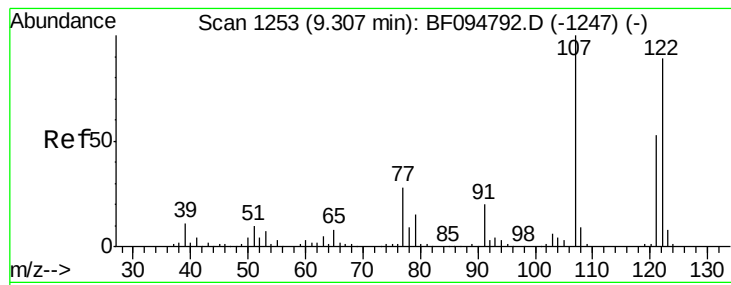
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 42.8 33.0 49.6





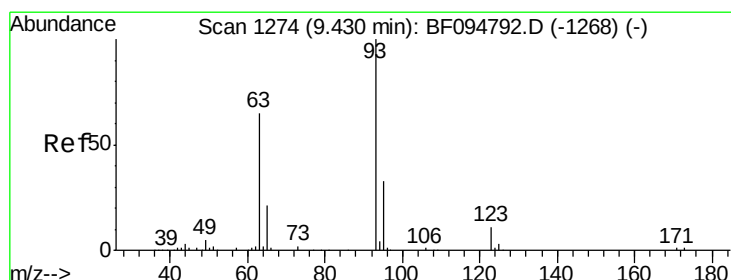
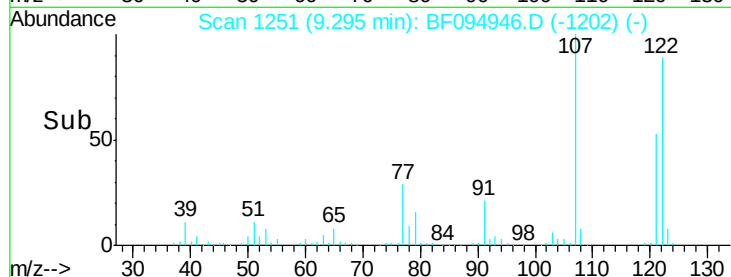
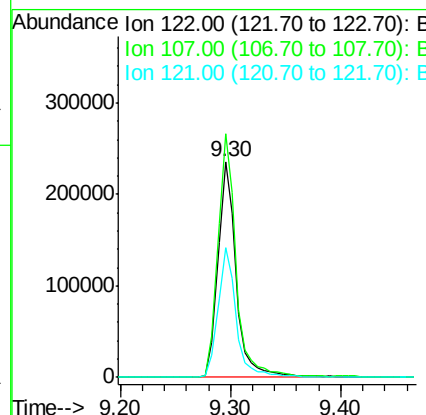
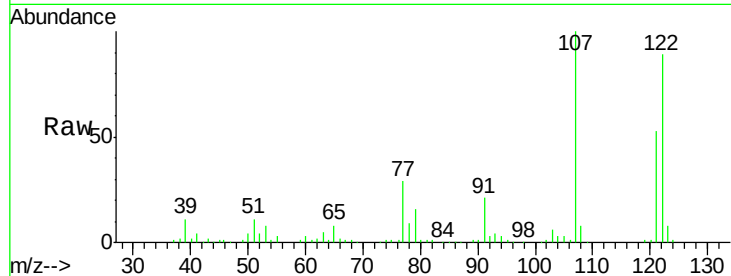
#27
 2,4-Dimethylphenol
 Concen: 45.29 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	269339		
107	112.7	89.2	133.8	
121	60.3	45.2	67.8	

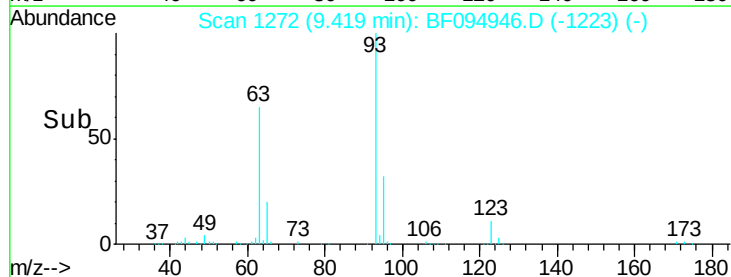
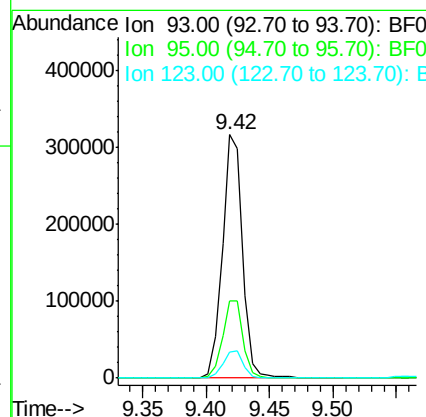
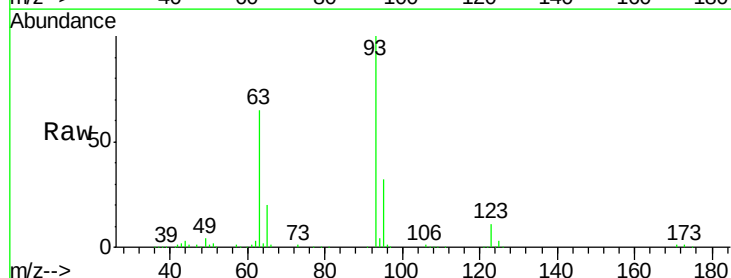
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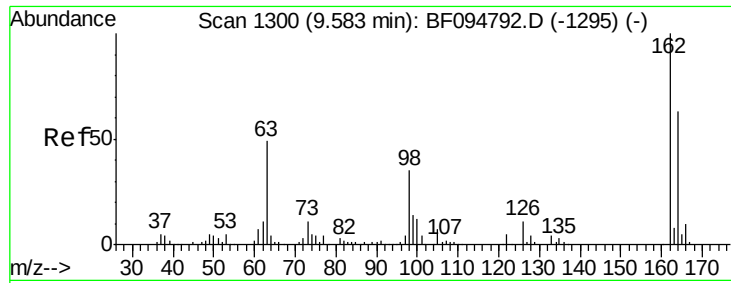
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.77 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	351570		
95	31.5	26.5	39.7	
123	10.8	9.0	13.4	





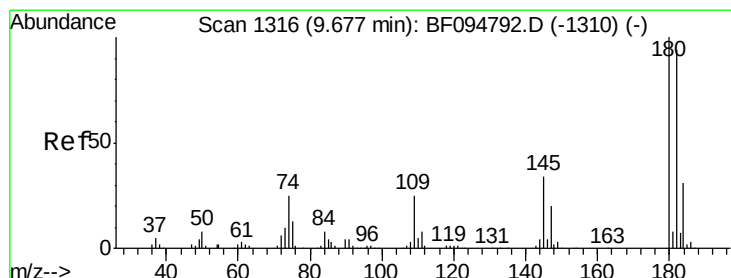
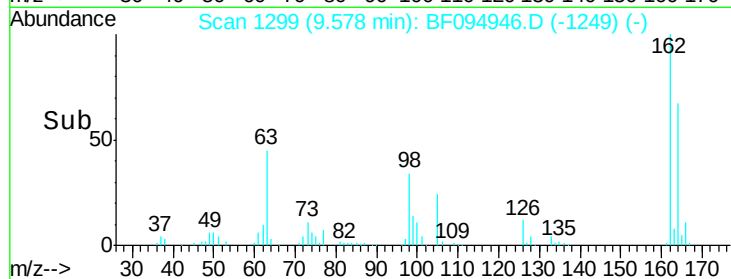
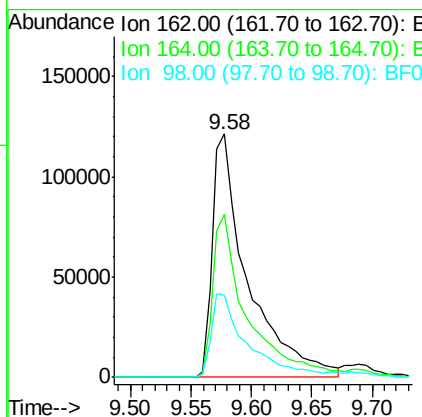
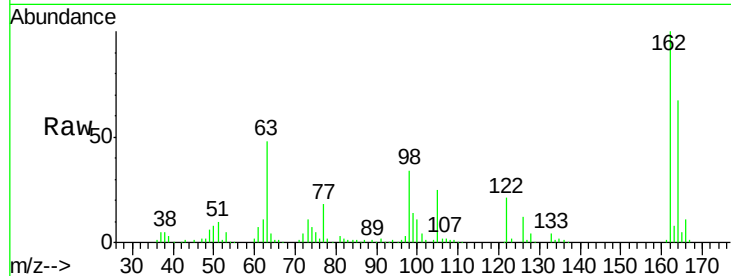
#29
 2,4-Dichlorophenol
 Concen: 43.55 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion:	162	Resp:	244487
Ion Ratio	Lower	Upper	
162	100		
164	66.7	44.6	84.6
98	33.7	14.8	54.8

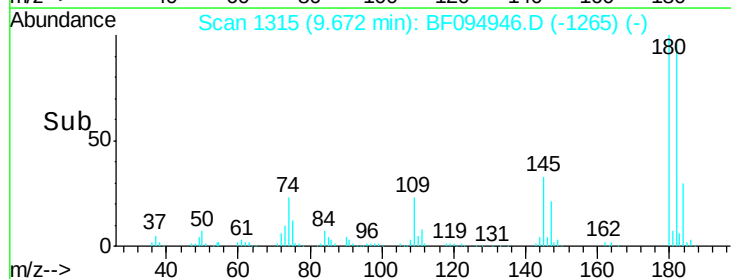
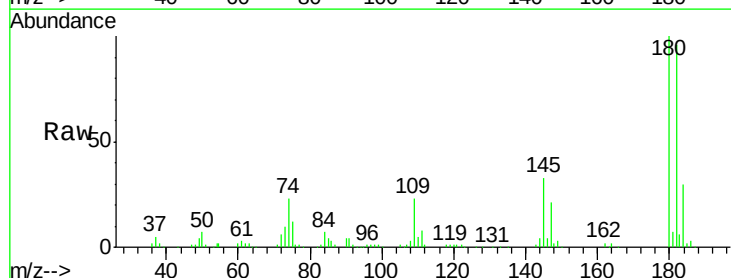
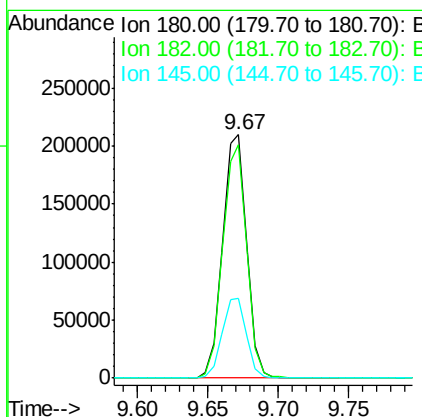
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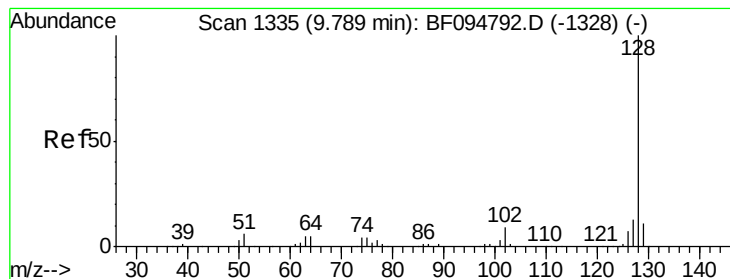
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.08 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:	180	Resp:	247132
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.8	113.6
145	32.7	25.3	37.9





#31

Naphthalene

Concen: 40.32 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

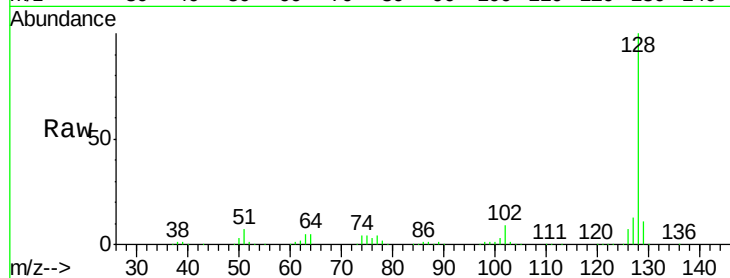
ClientSampled :

PB98737BS

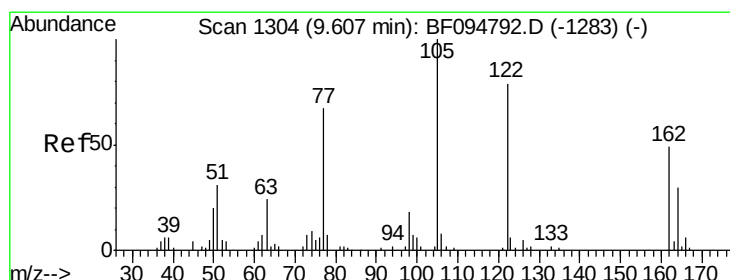
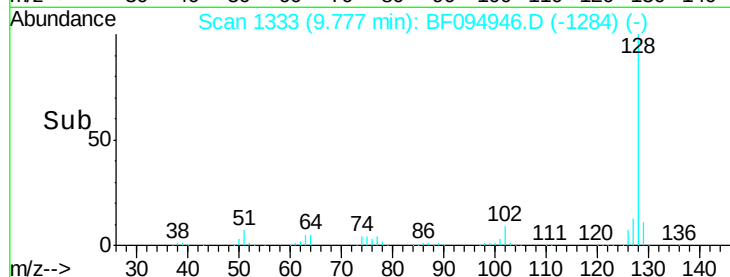
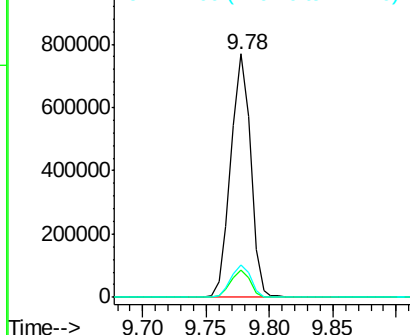
Tgt Ion:	128	Resp:	830969
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.3	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.71 ng

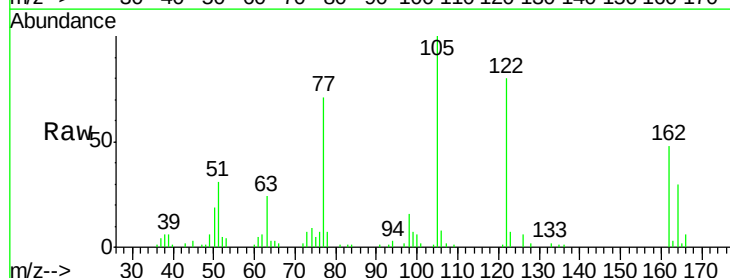
RT: 9.62 min Scan# 1306

Delta R.T. 0.01 min

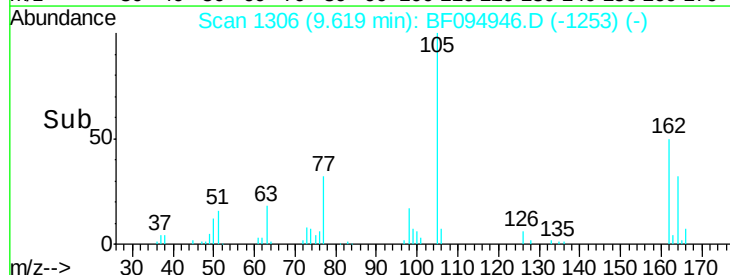
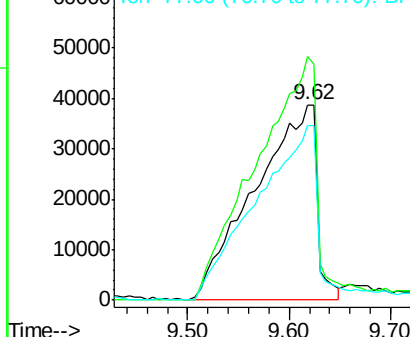
Lab File: BF094946.D

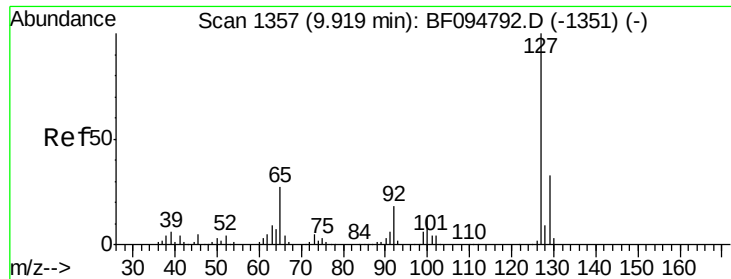
Acq: 6 May 2017 6:57

Tgt Ion:	122	Resp:	164308
Ion Ratio	Lower	Upper	
122	100		
105	124.6	103.3	143.3
77	89.0	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





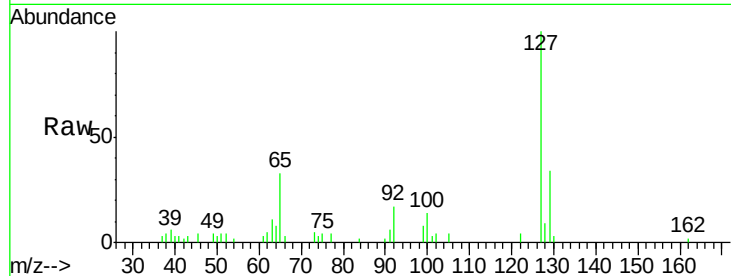
#33
 4-Chloroaniline
 Concen: 6.24 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

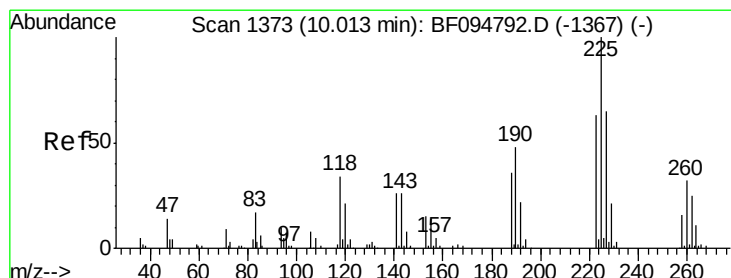
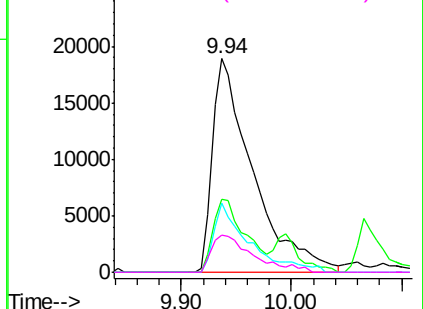
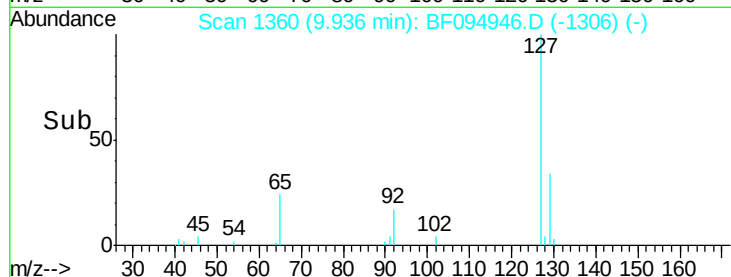
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	47925		
129	34.0	26.2	39.2	
65	32.5	27.8	41.8	
92	17.2	16.8	25.2	

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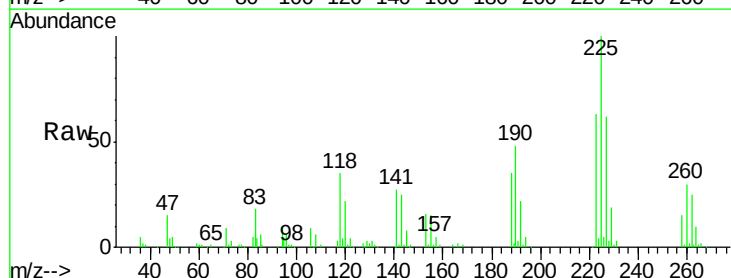


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

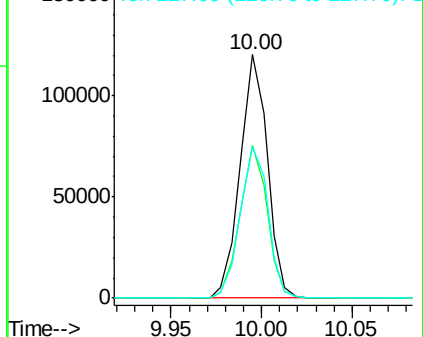
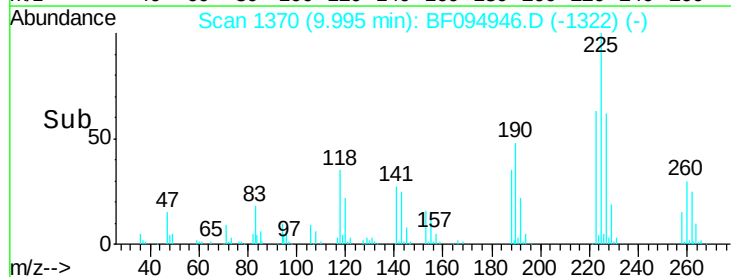


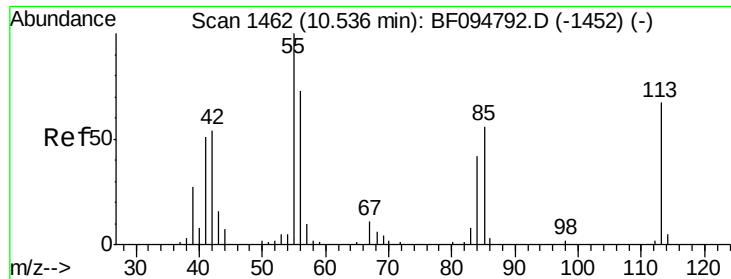
#34
 Hexachlorobutadiene
 Concen: 39.79 ng
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126291		
223	62.9	48.8	73.2	
227	62.0	51.1	76.7	



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





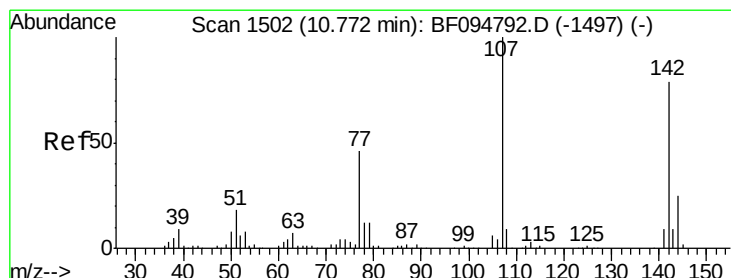
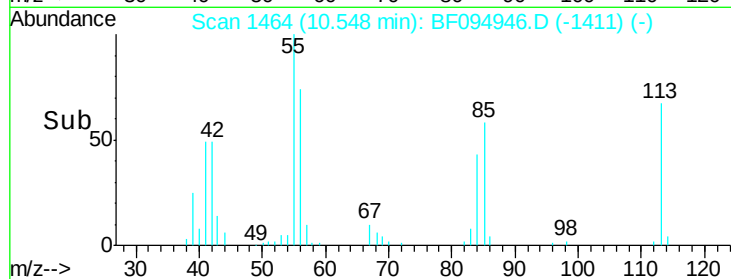
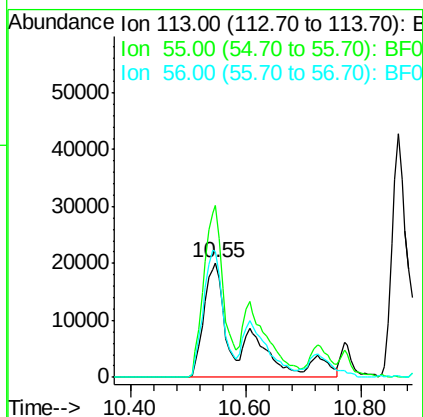
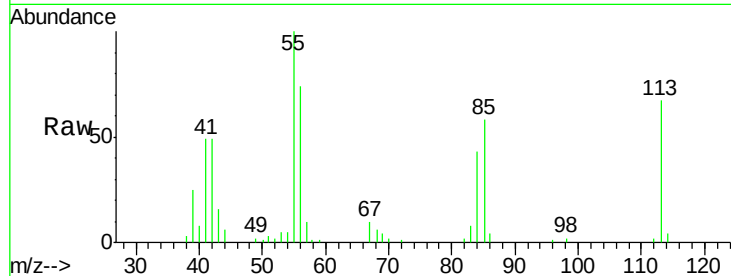
#35
 Caprolactam
 Concen: 49.26 ng m
 RT: 10.55 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion:113 Resp: 83052
 Ion Ratio Lower Upper
 113 100
 55 150.2 150.2 190.2#
 56 110.5 107.8 147.8

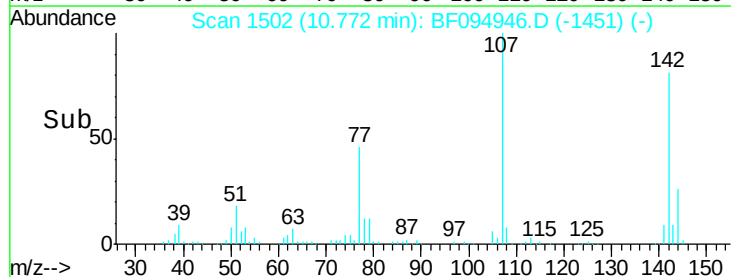
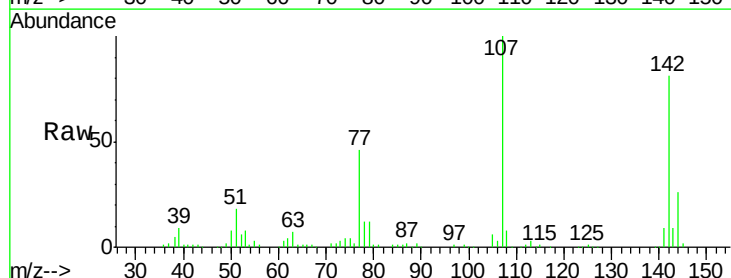
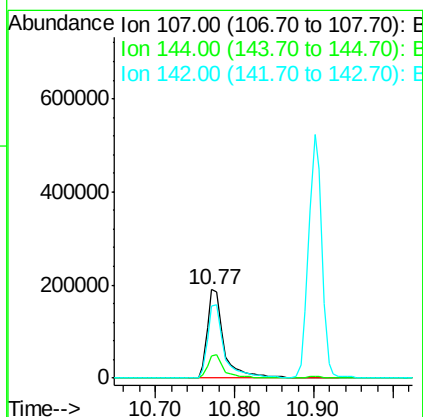
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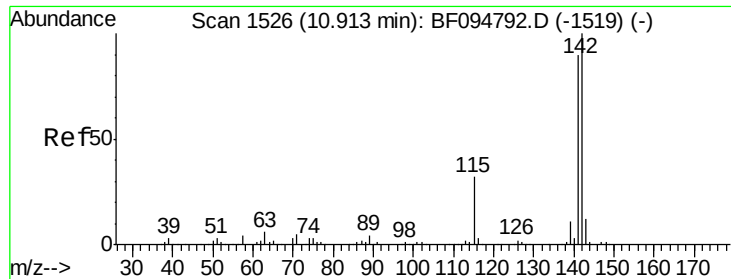
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#36
 4-Chloro-3-methylphenol
 Concen: 46.60 ng
 RT: 10.77 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:107 Resp: 279726
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 81.0 73.4 110.0





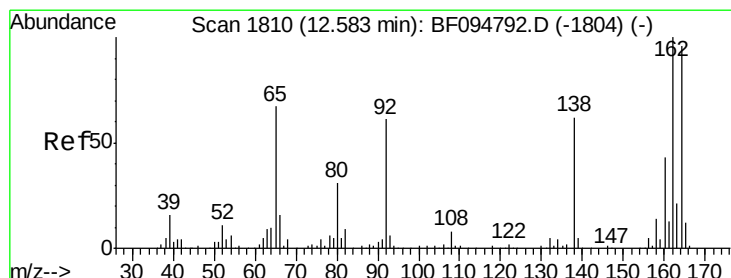
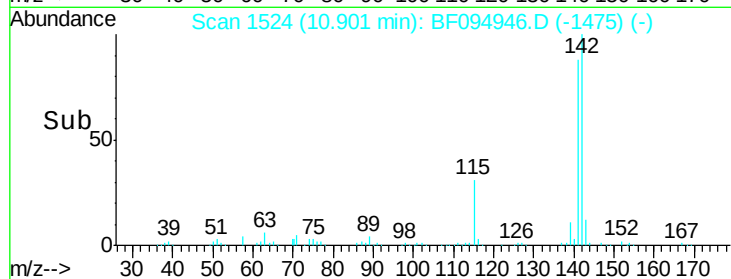
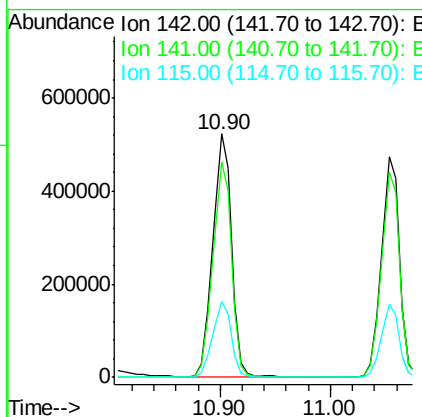
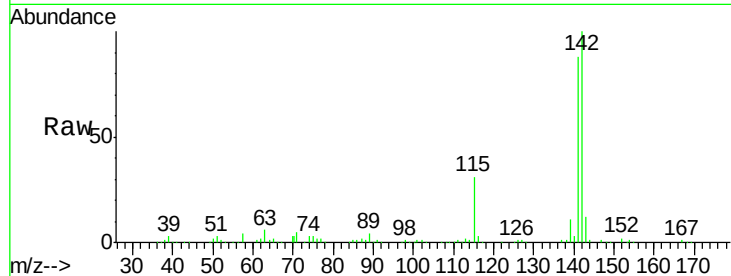
#37
2-Methylnaphthalene
Concen: 45.04 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	609248		
141	88.4	71.3	106.9	
115	31.0	27.1	40.7	

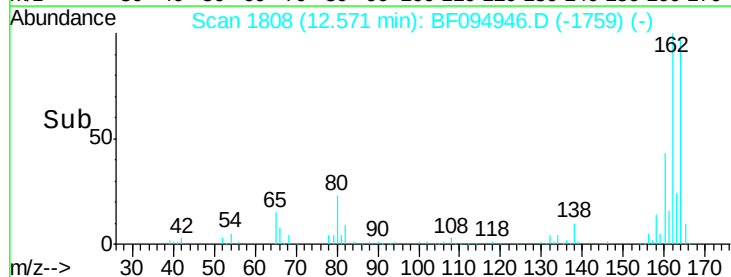
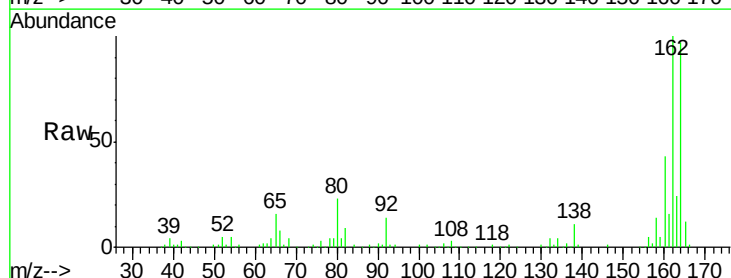
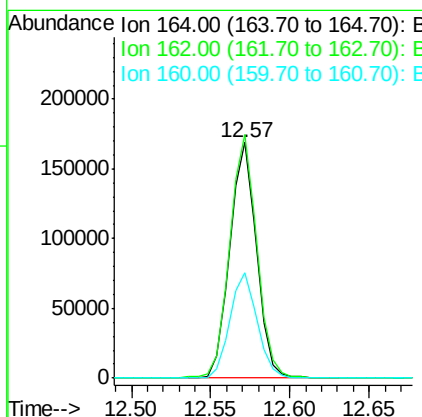
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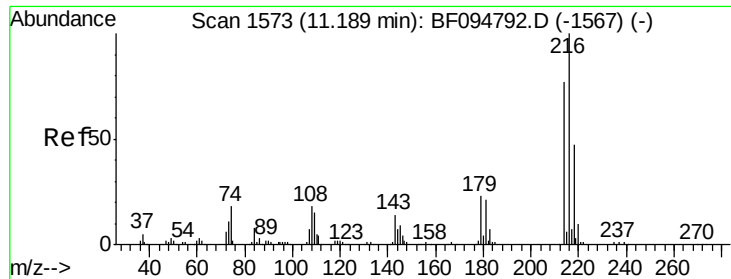
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	196389		
162	103.3	82.6	123.8	
160	44.6	36.2	54.2	





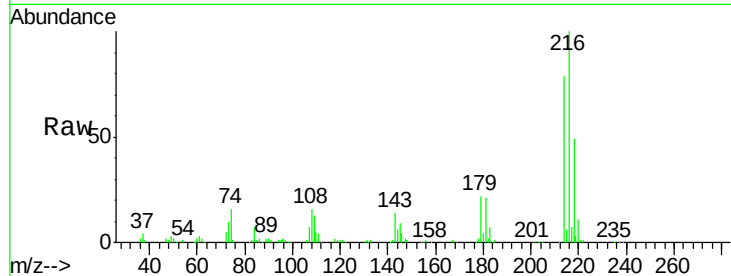
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.60 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

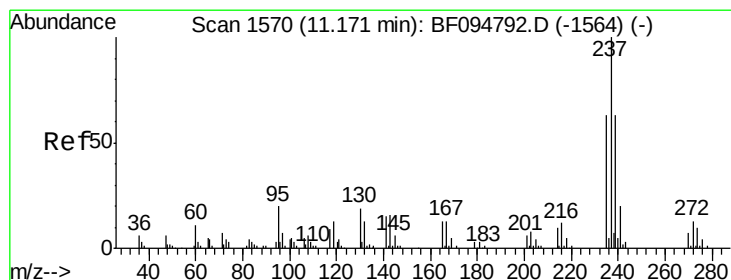
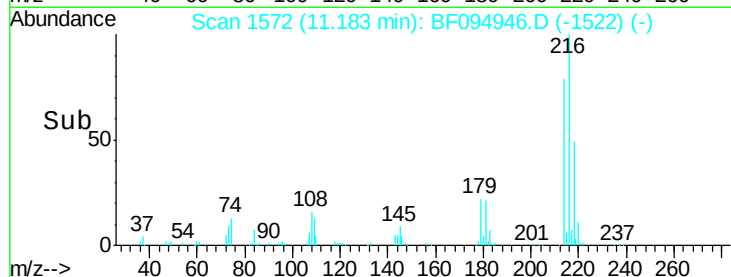
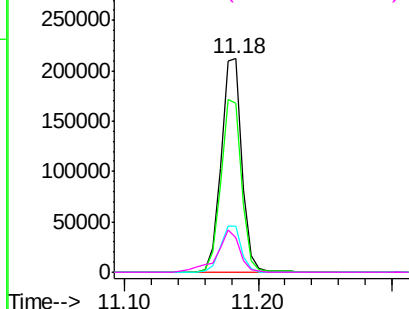
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	233130		
214	80.7	63.4	95.2	
179	21.8	17.9	26.9	
108	21.2	16.5	24.7	

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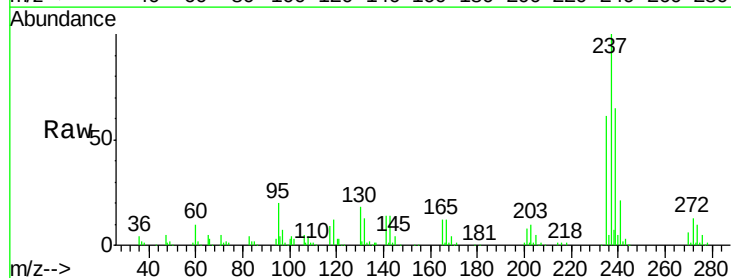


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

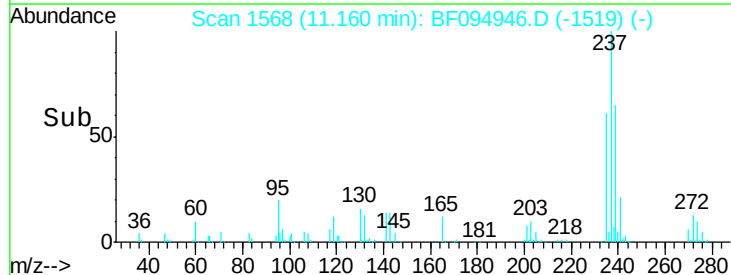
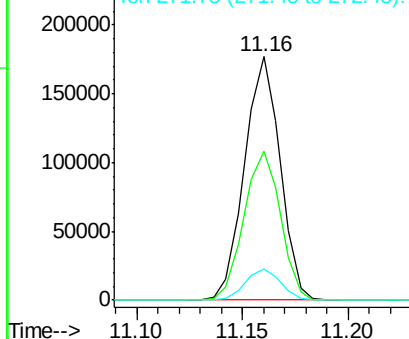


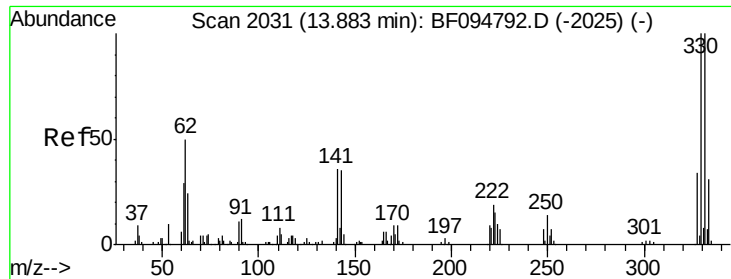
#40
 Hexachlorocyclopentadiene
 Concen: 81.40 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	206968		
235	61.4	42.6	82.6	
272	12.7	0.0	31.9	



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





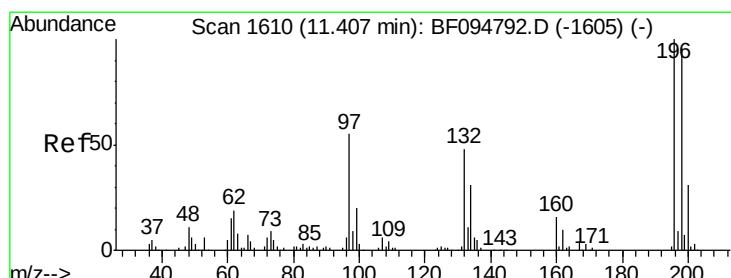
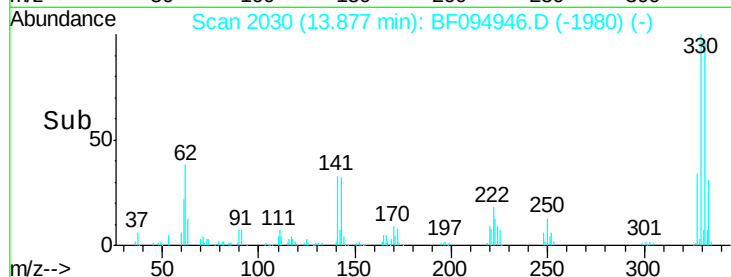
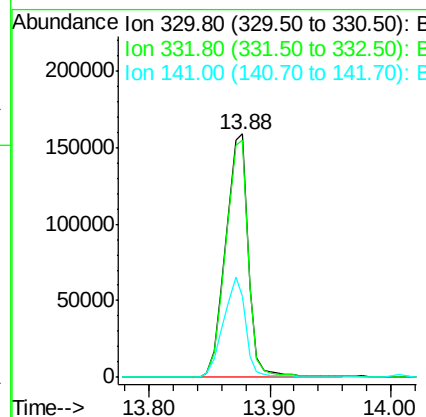
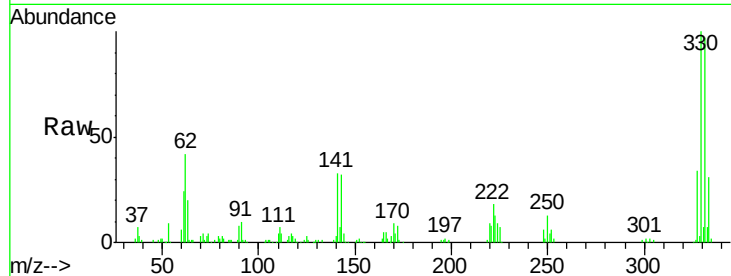
#41
 2,4,6-Tribromophenol
 Concen: 129.04 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207539		
332	97.7	76.6	115.0	
141	40.2	31.4	47.2	

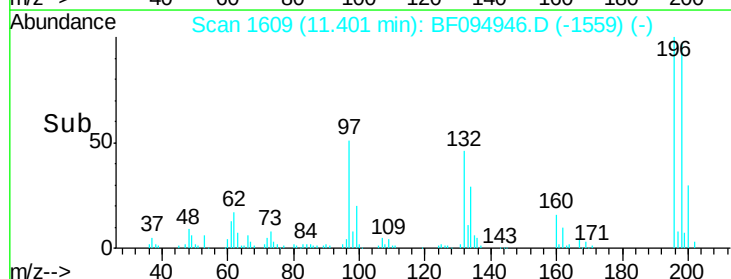
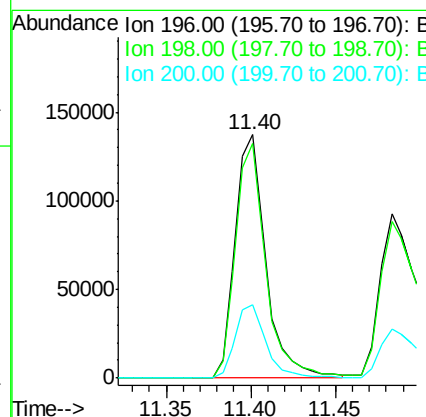
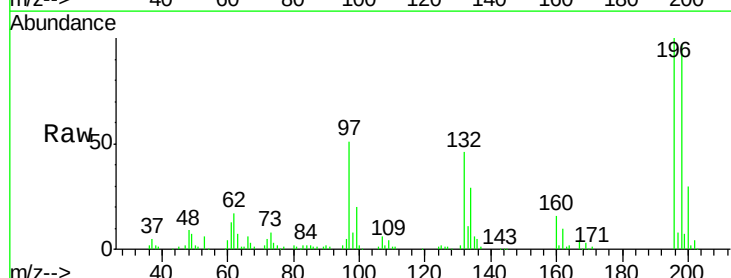
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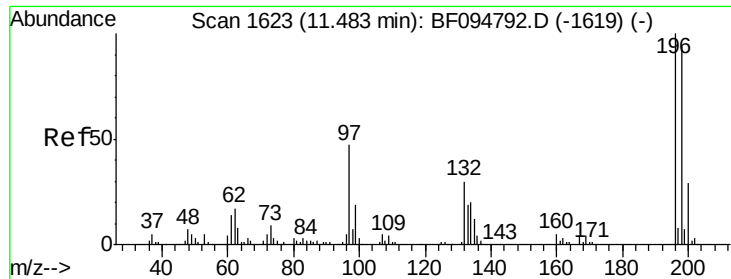
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#42
 2,4,6-Trichlorophenol
 Concen: 42.93 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173115		
198	96.6	74.2	111.4	
200	30.3	24.0	36.0	





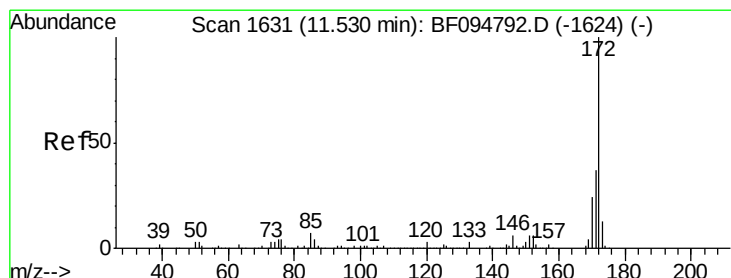
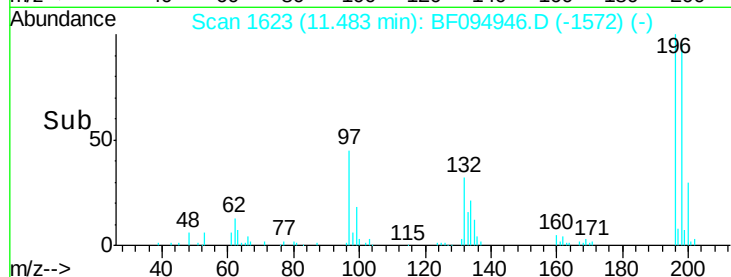
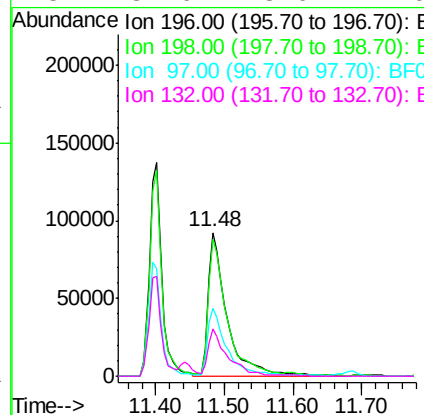
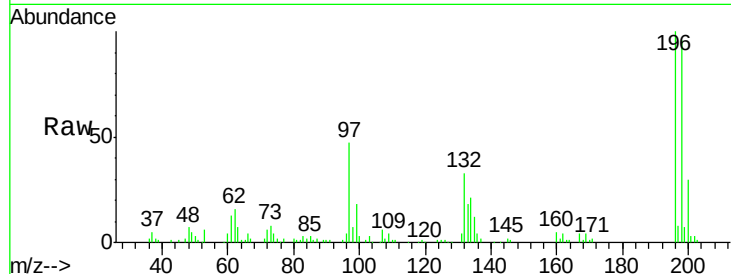
#43
 2,4,5-Trichlorophenol
 Concen: 40.82 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176898		
198	95.6	75.7	113.5	
97	47.5	47.7	71.5#	
132	32.6	28.0	42.0	

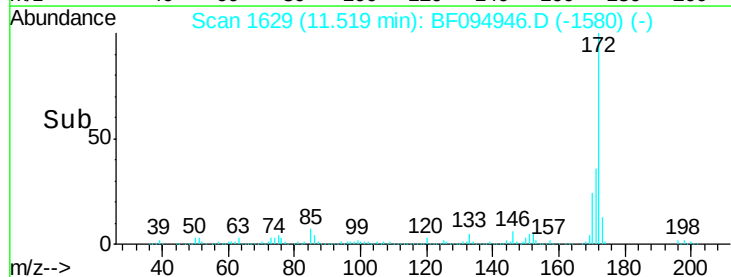
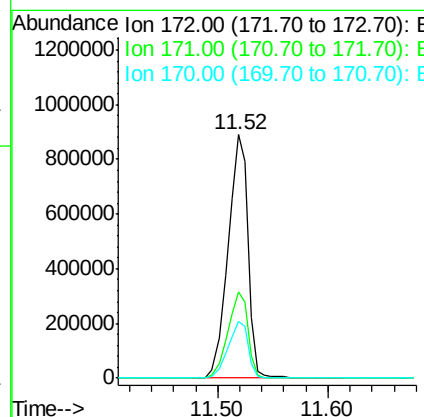
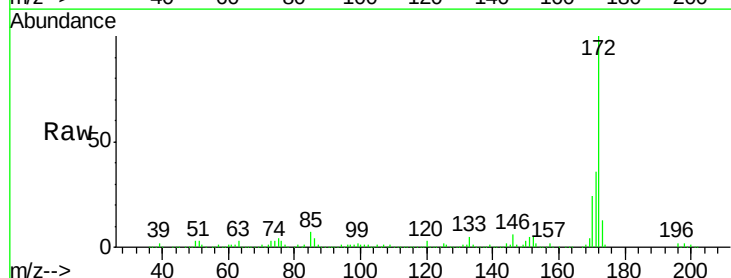
Manual Integrations
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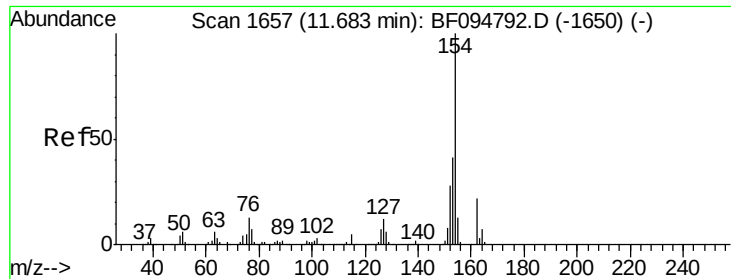
mohammad
 5/8/2017 2:48:45 PM



#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1123546		
171	35.7	29.6	44.4	
170	23.5	19.8	29.8	





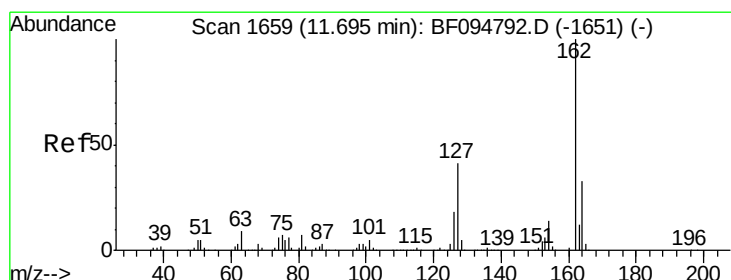
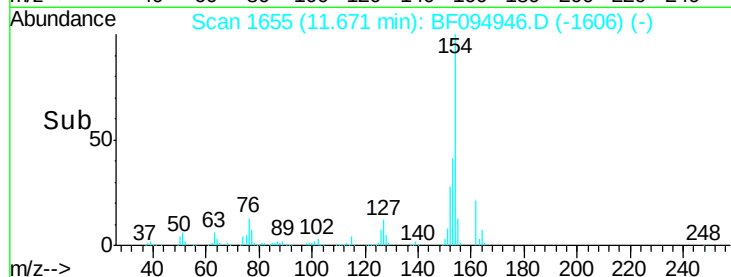
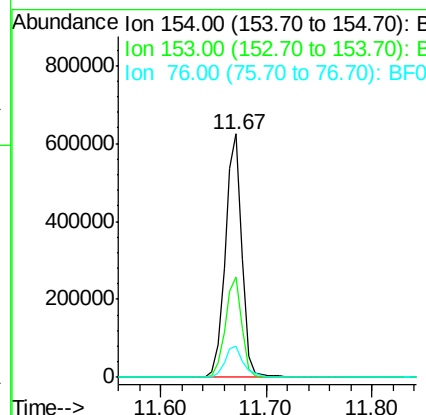
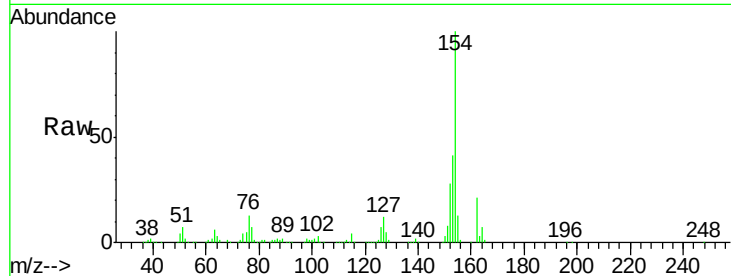
#45
 1,1'-Biphenyl
 Concen: 41.31 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.2	61.2	
76	12.6	0.0	29.9	

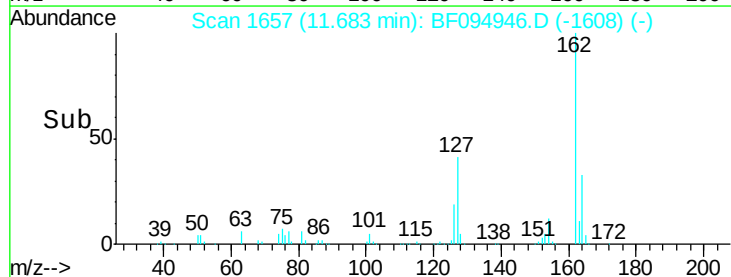
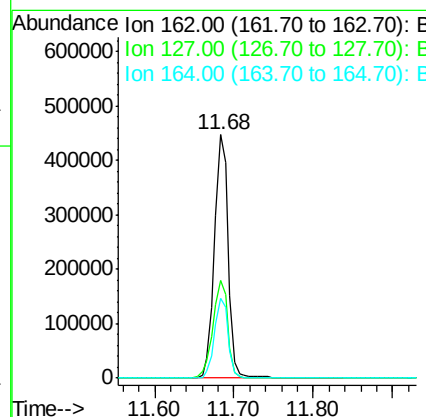
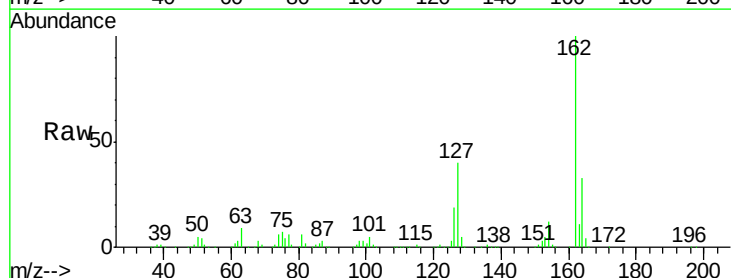
Manual Integrations
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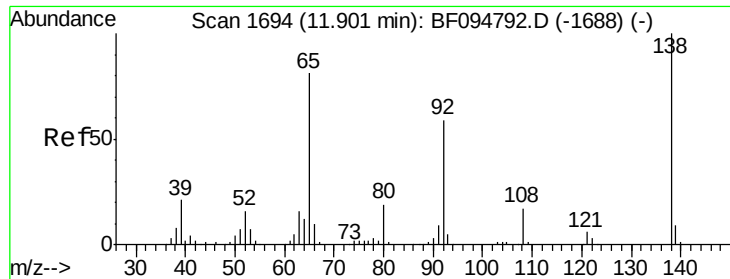
mohammad
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#46
 2-Chloronaphthalene
 Concen: 40.53 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.3	28.3	42.5	
164	32.7	27.0	40.4	





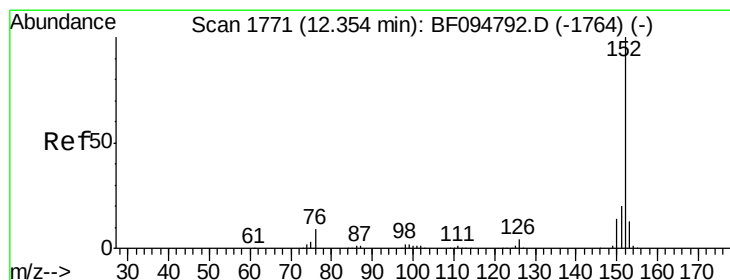
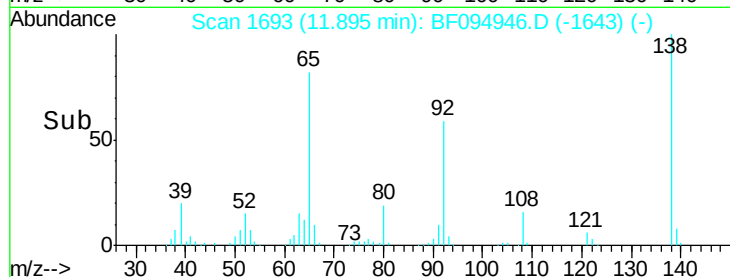
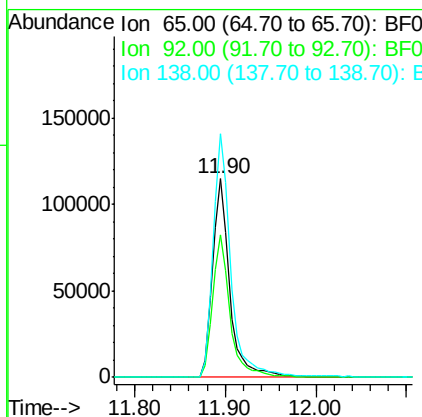
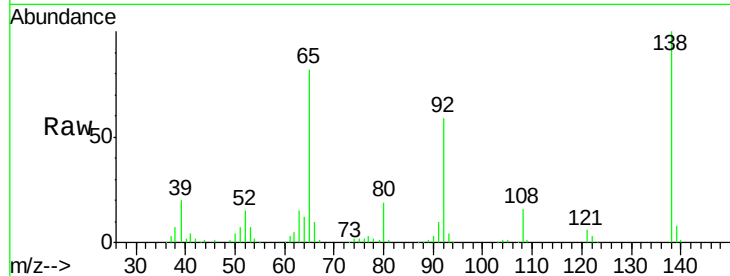
#47
2-Nitroaniline
Concen: 42.11 ng
RT: 11.90 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	153880		
92	72.1	53.9	80.9	
138	122.6	78.8	118.2#	

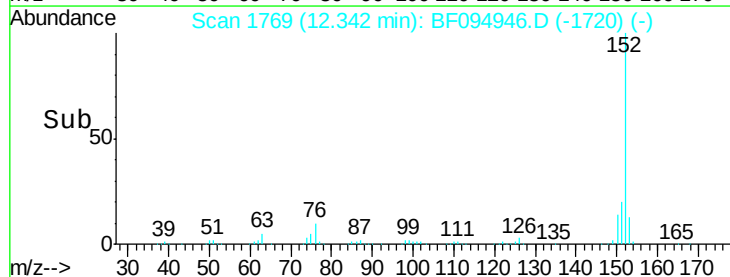
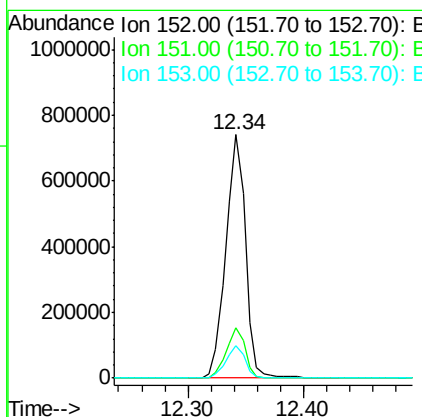
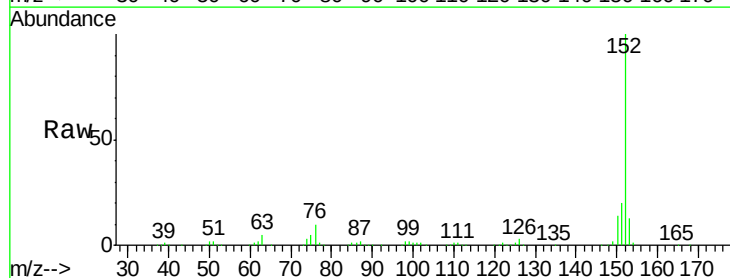
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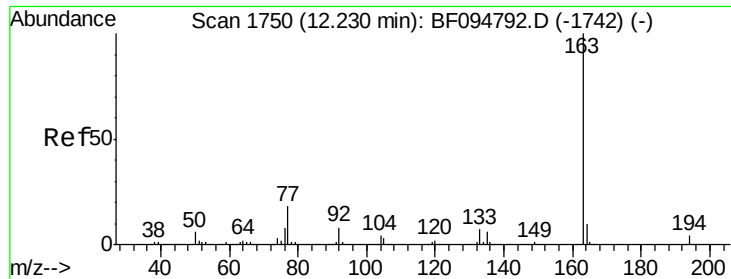
mohammad
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#48
Acenaphthylene
Concen: 41.63 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	870575		
151	20.4	16.8	25.2	
153	13.1	10.8	16.2	





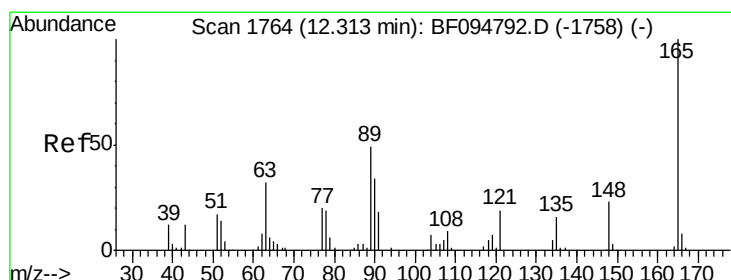
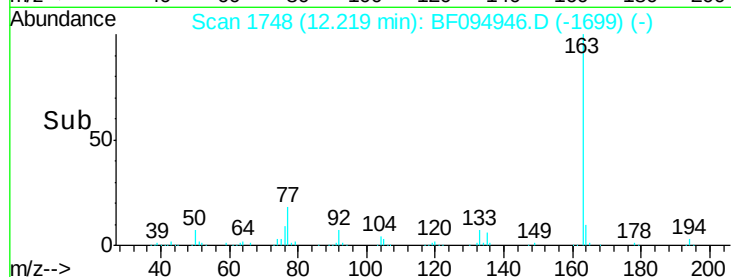
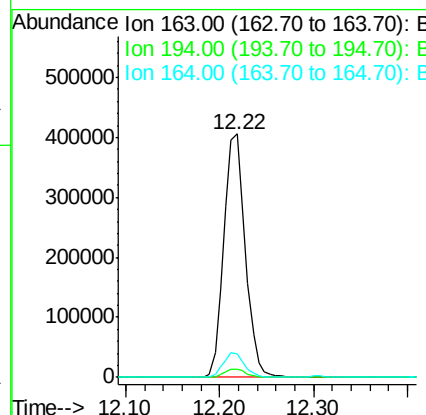
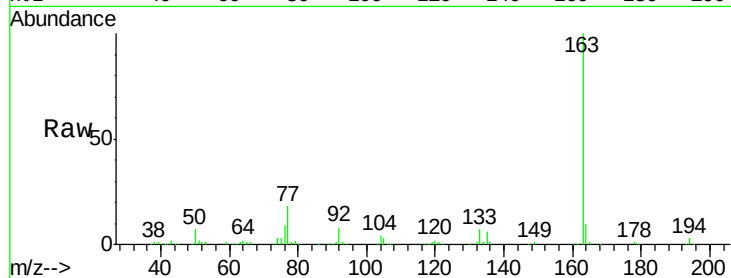
#49
Dimethylphthalate
Concen: 40.23 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6

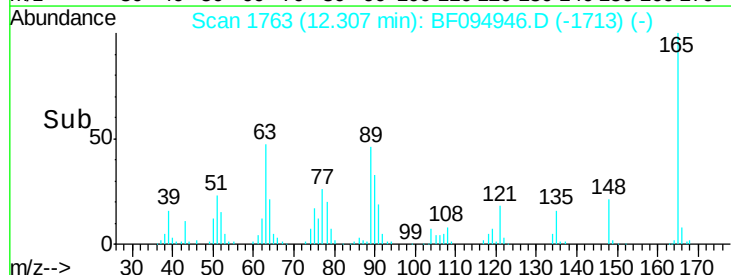
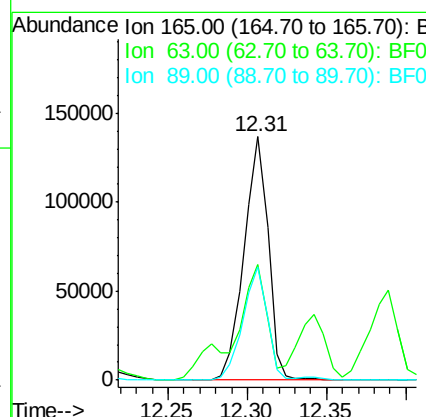
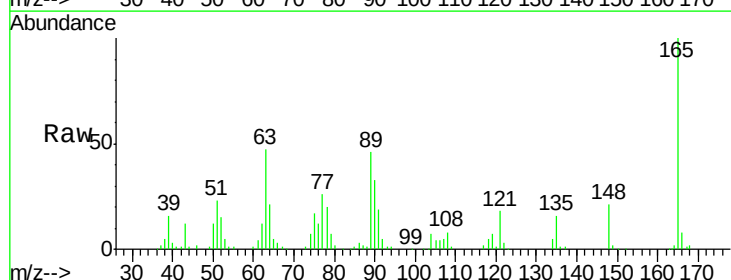
Manual Integrations
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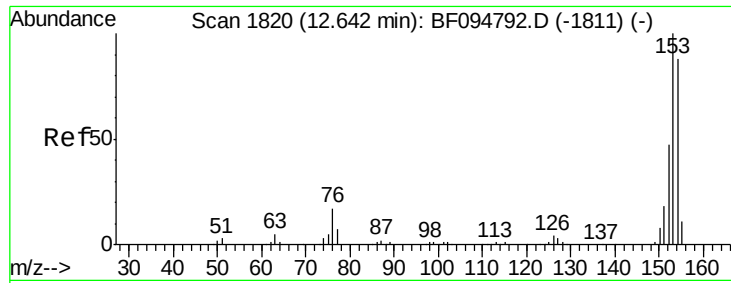
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.08 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	47.5	34.3	51.5
89	46.2	37.1	55.7





#51

Acenaphthene

Concen: 40.82 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

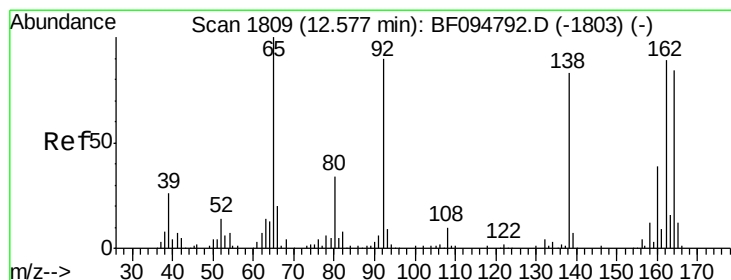
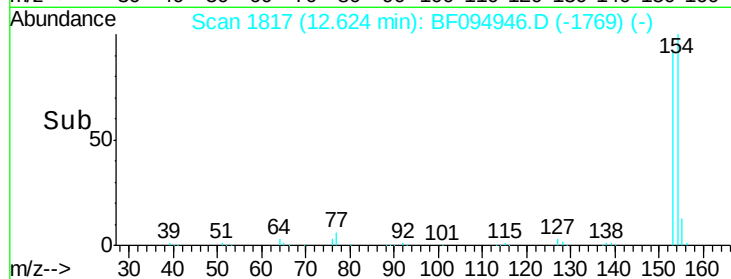
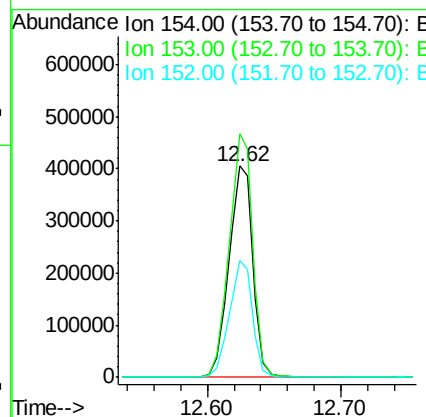
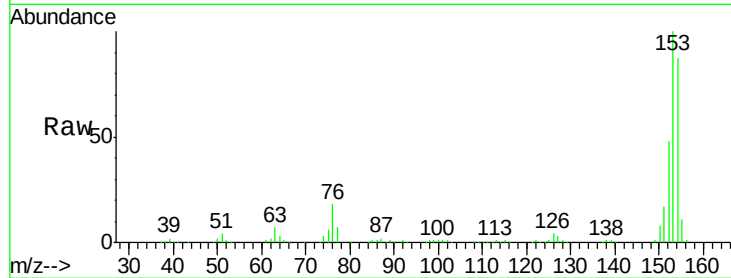
ClientSampleId :

PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	509887		
153	115.1	90.5	135.7	
152	55.0	43.6	65.4	

Manual Integrations
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mohammad
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#52

3-Nitroaniline

Concen: 16.63 ng

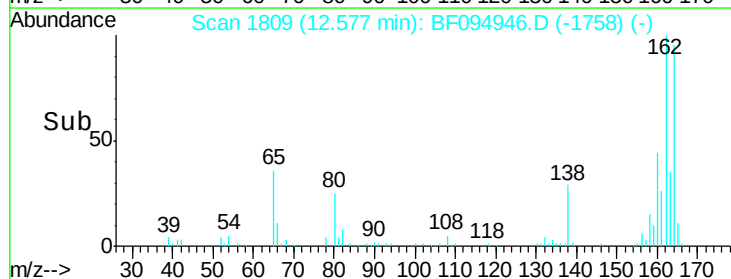
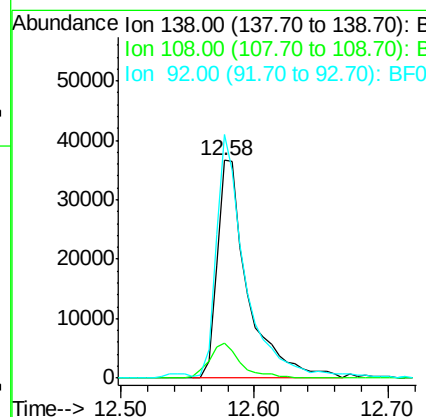
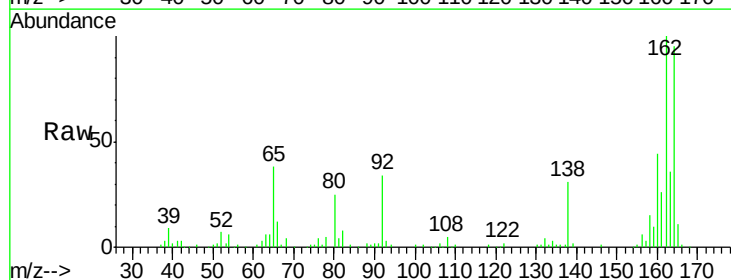
RT: 12.58 min Scan# 1809

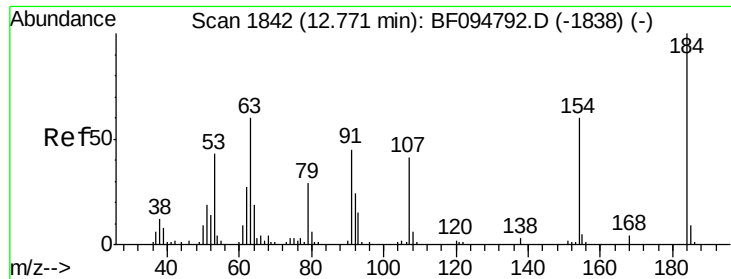
Delta R.T. 0.00 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	58720		
108	16.0	9.1	13.7#	
92	111.8	93.8	140.6	





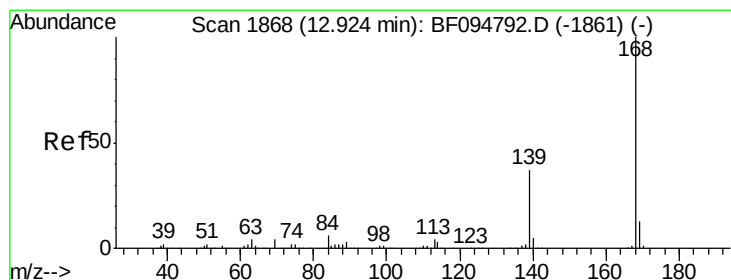
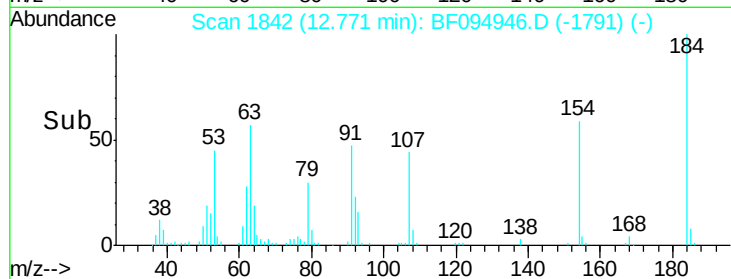
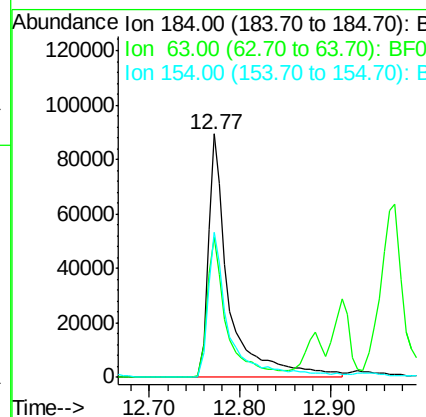
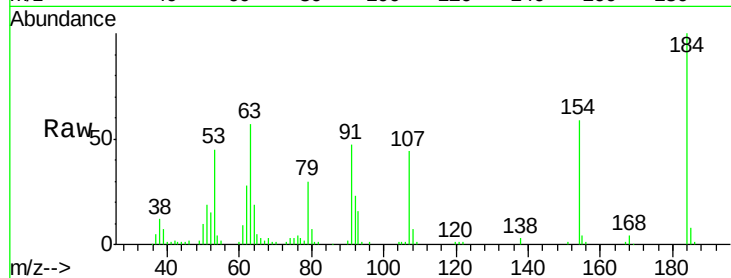
#53
 2,4-Dinitrophenol
 Concen: 79.29 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion:184 Resp: 143527
 Ion Ratio Lower Upper
 184 100
 63 57.4 62.7 94.1#
 154 59.4 81.1 121.7#

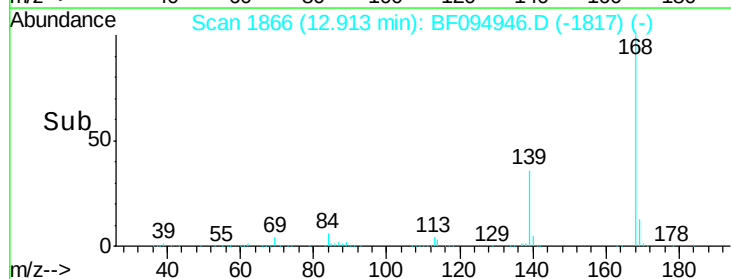
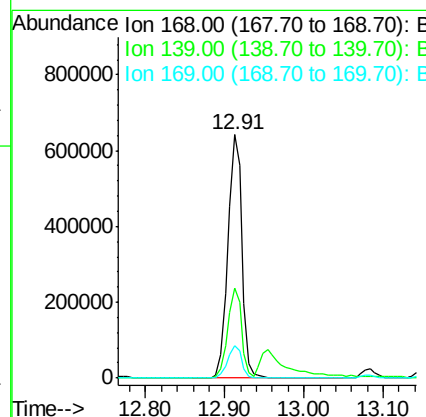
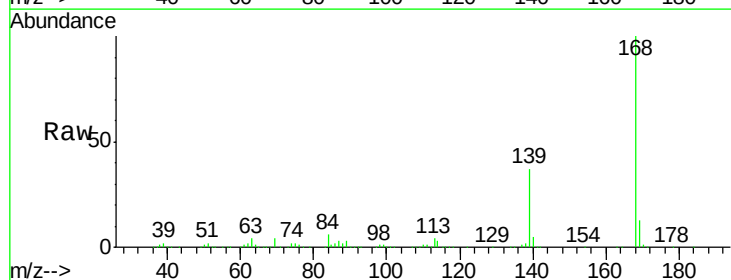
Manual Integrations
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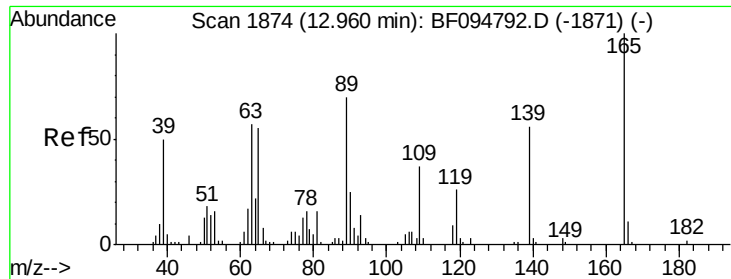
mohammad
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#54
 Dibenzofuran
 Concen: 45.53 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:168 Resp: 786928
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.4 10.8 16.2





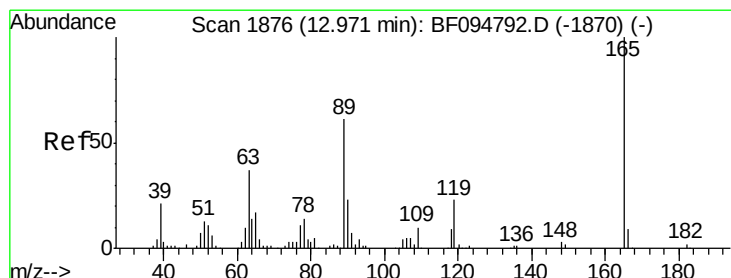
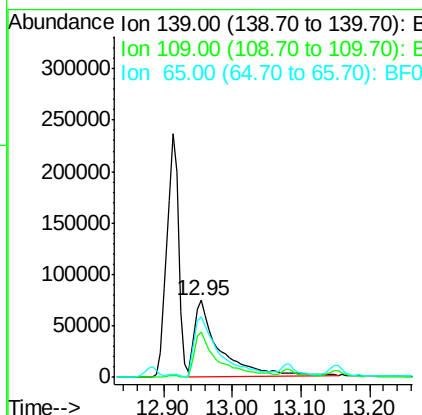
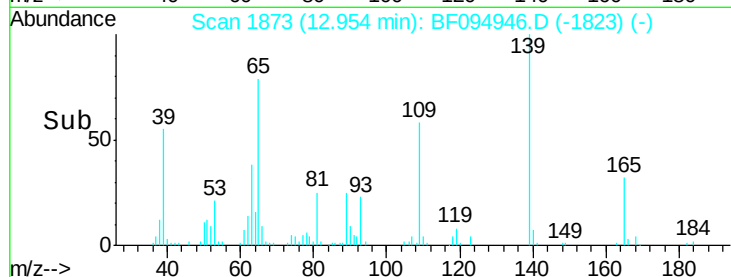
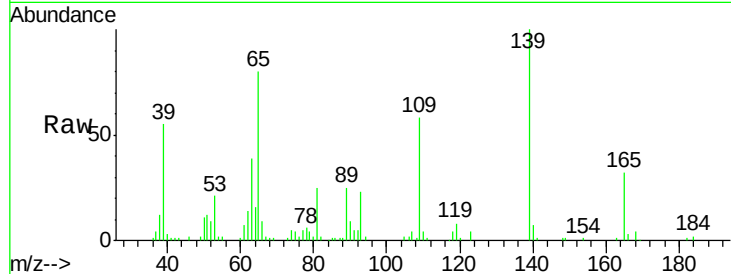
#55
4-Nitrophenol
Concen: 88.89 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	188476		
109	58.3	34.1	74.1	
65	79.6	31.4	71.4#	

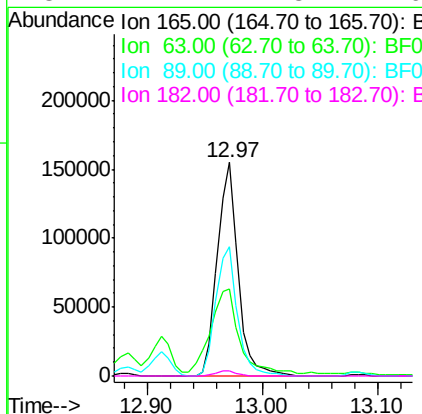
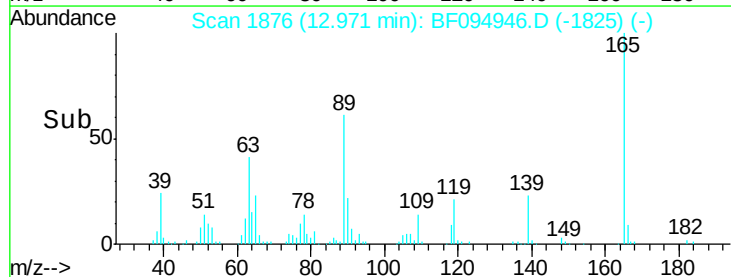
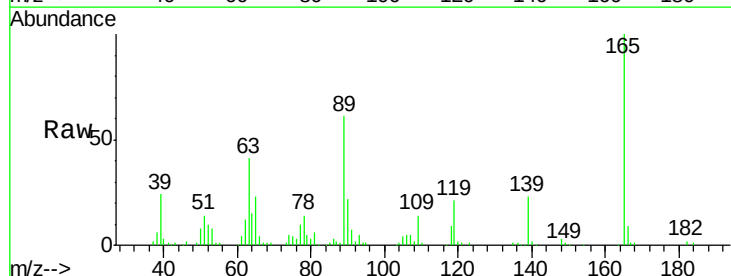
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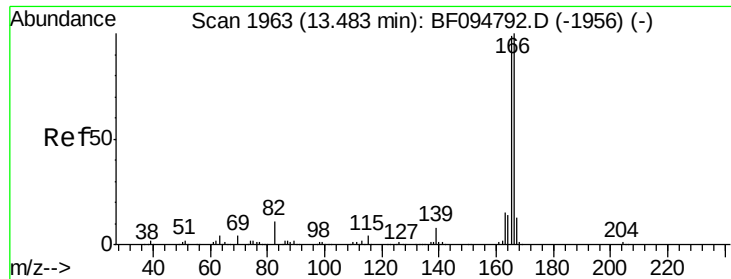
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.06 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194665		
63	40.9	25.4	38.0#	
89	60.8	46.4	69.6	
182	2.4	1.8	2.6	





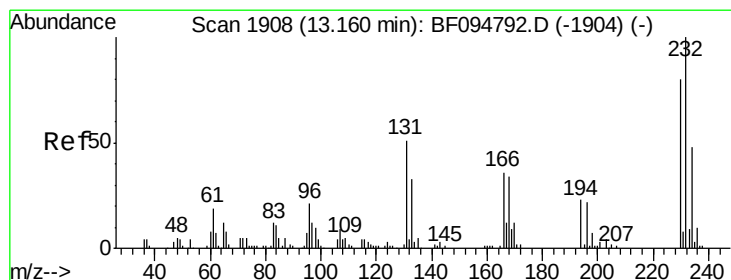
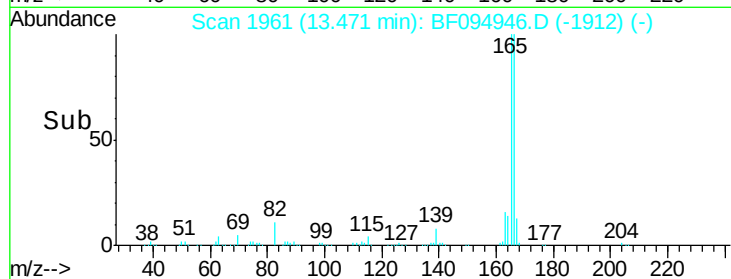
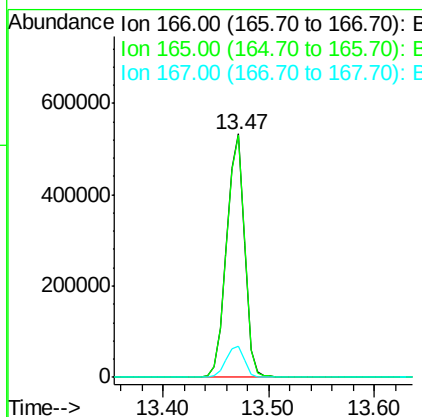
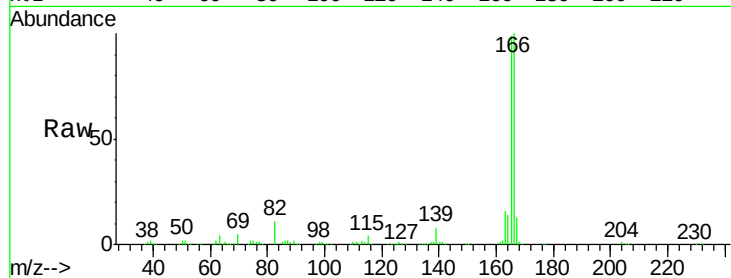
#57
 Fluorene
 Concen: 41.57 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	624845		
165	99.4	78.8	118.2	
167	13.0	10.6	16.0	

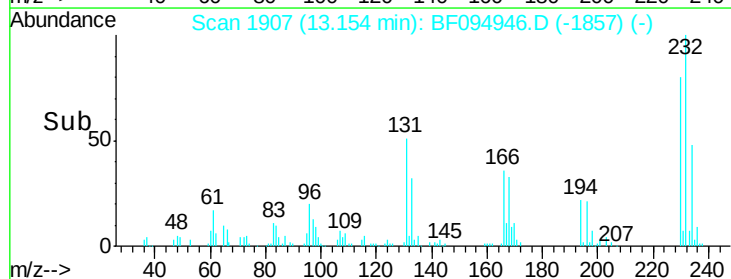
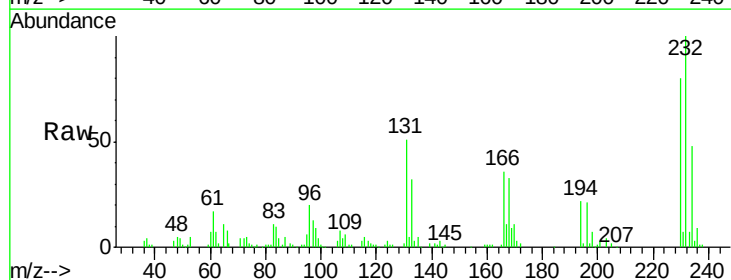
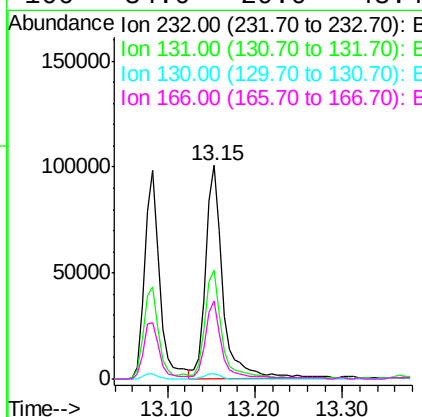
Manual Integrations
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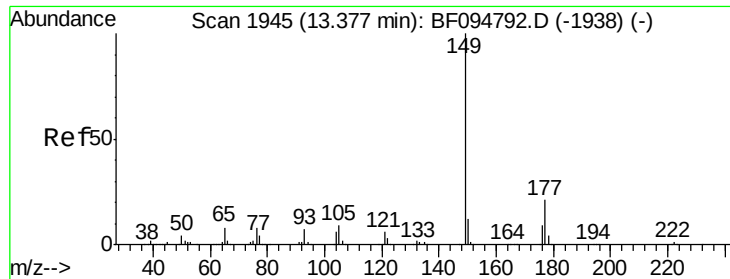
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.44 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	137569		
131	49.3	44.8	67.2	
130	2.2	2.3	3.5	
166	34.0	29.0	43.4	





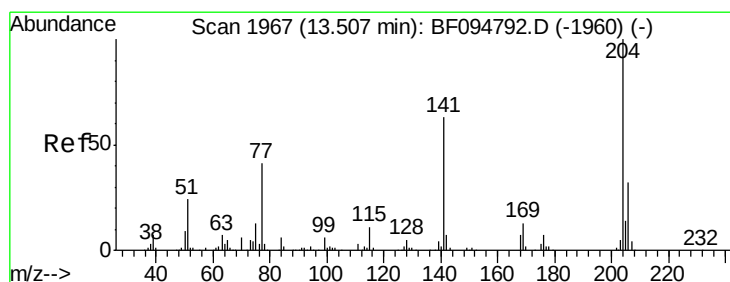
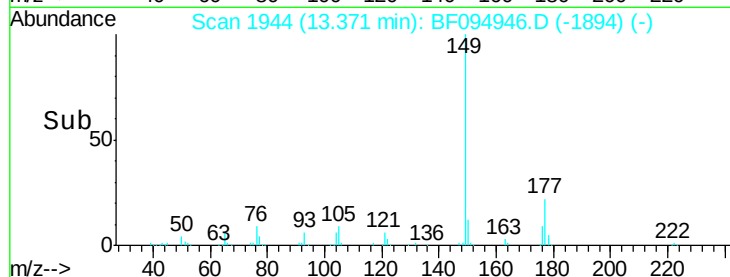
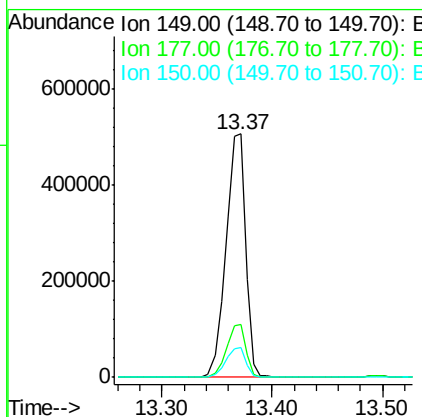
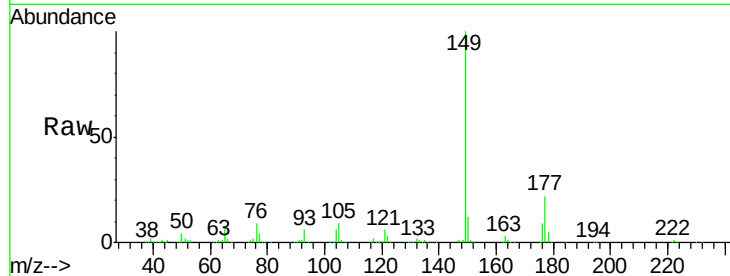
#59
Diethylphthalate
Concen: 41.20 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	636692		
177	21.6	16.7	25.1	
150	12.4	10.2	15.2	

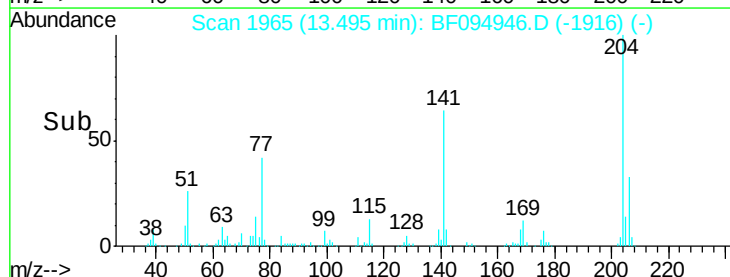
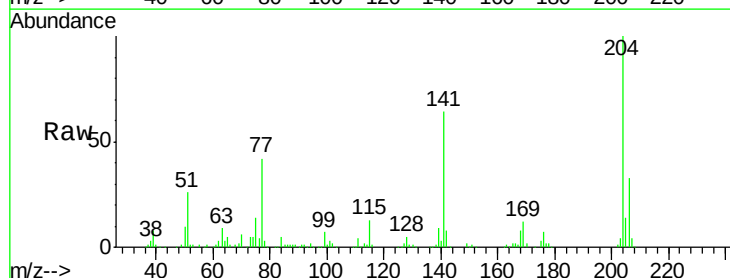
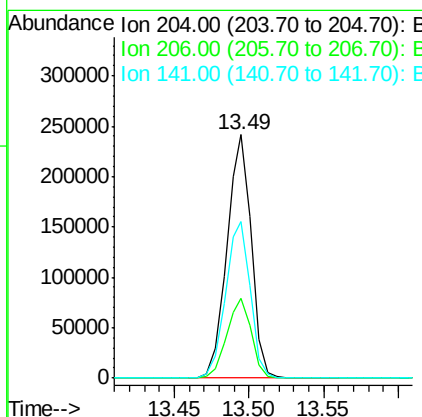
Manual Integrations
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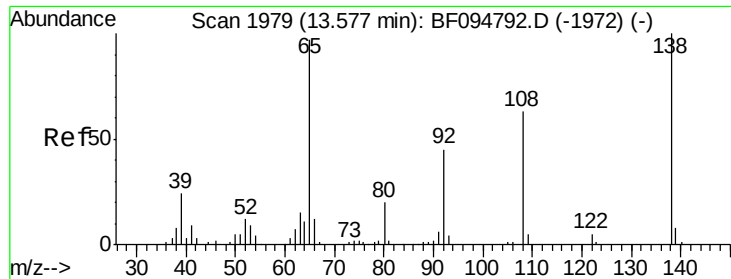
mohammad
5/8/2017 2:48:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.89 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	276668		
206	32.8	26.2	39.2	
141	64.2	60.8	91.2	





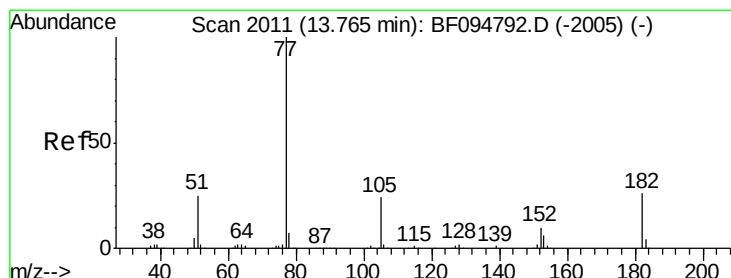
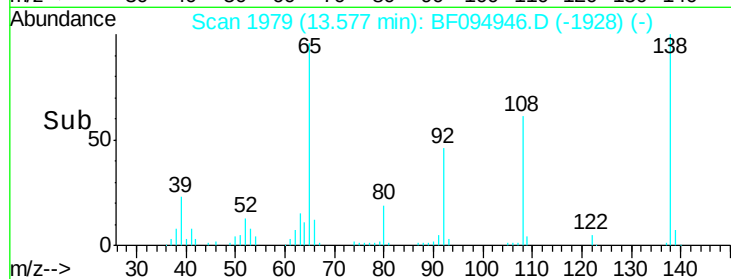
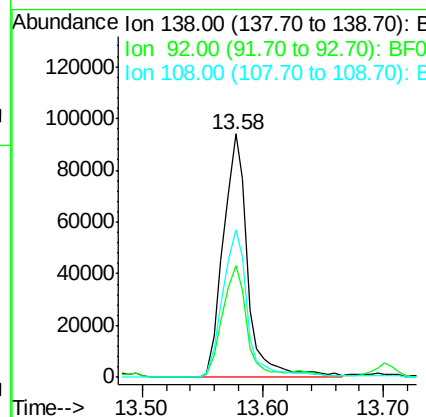
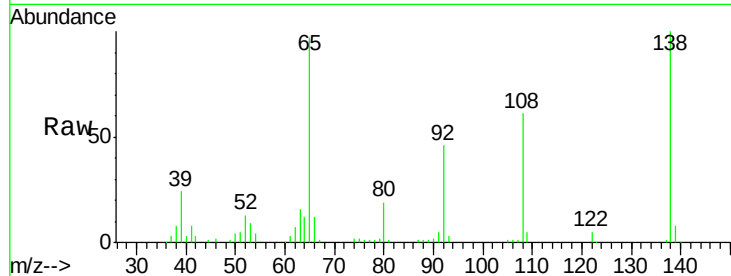
#61
4-Nitroaniline
Concen: 40.81 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	132252		
92	45.9	21.8	61.8	
108	60.9	42.3	82.3	

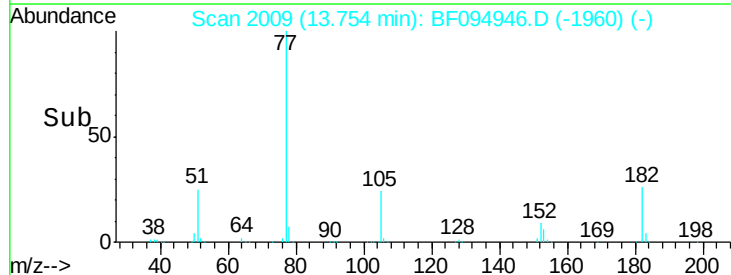
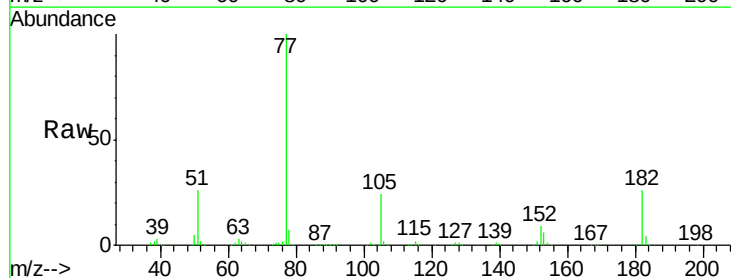
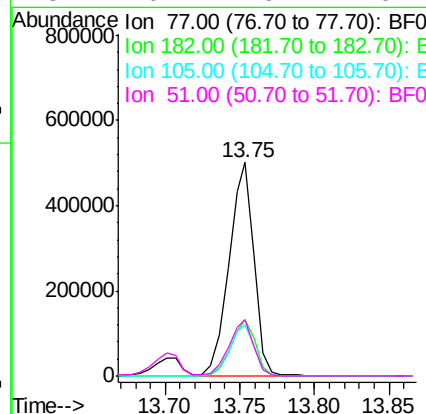
Manual Integrations
APPROVED

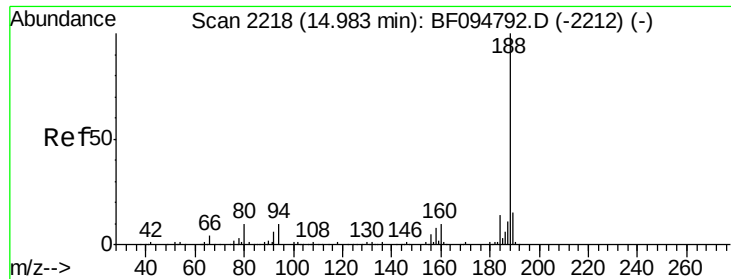
mohammad
5/8/2017 2:48:45 PM



#62
Azobenzene
Concen: 47.26 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	586836		
182	26.3	0.1	40.1	
105	24.2	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: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

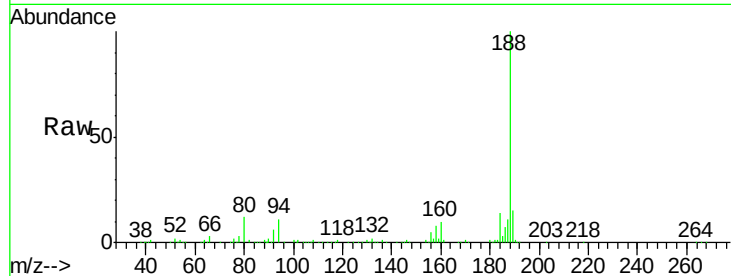
ClientSampleId :

PB98737BS

Tgt Ion:	188	Resp:	333261
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.2
80	11.6	10.2	15.2

Manual Integrations
APPROVED

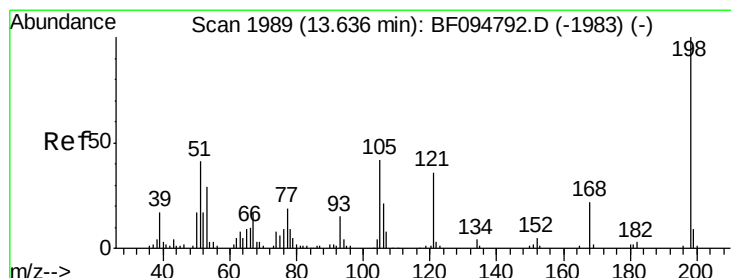
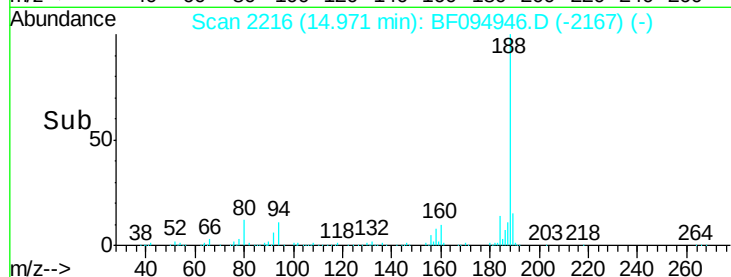
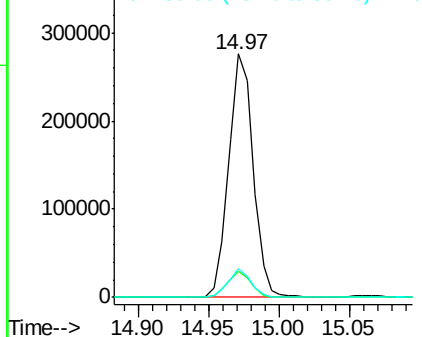
mohammad
5/8/2017 2:48:45 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.59 ng

RT: 13.64 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF094946.D

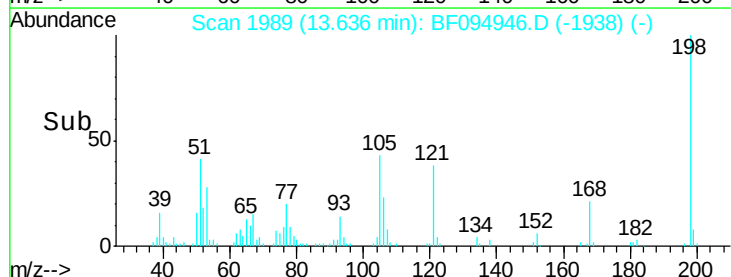
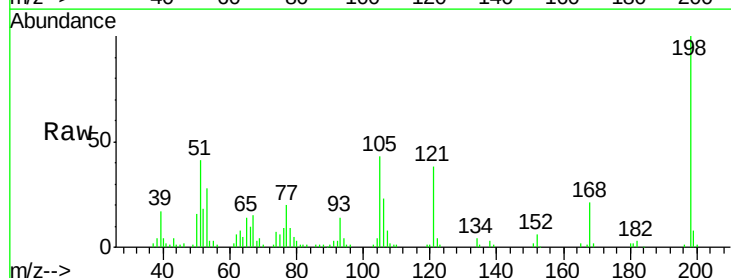
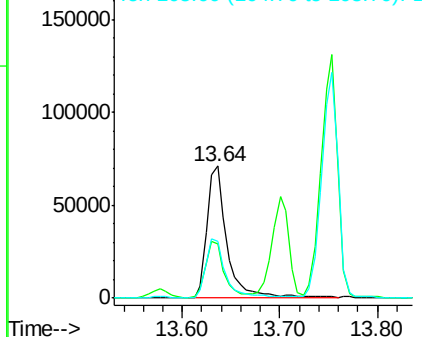
Acq: 6 May 2017 6:57

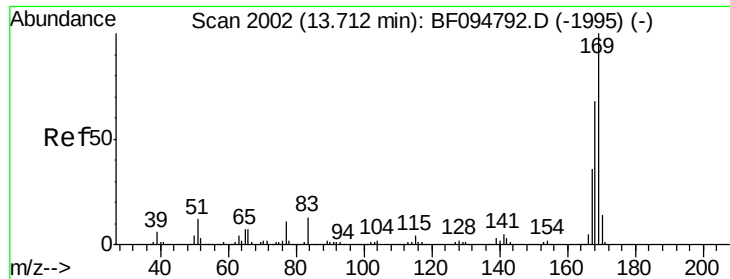
Tgt Ion:	198	Resp:	101856
Ion Ratio	Lower	Upper	
198	100		
51	40.6	53.2	93.2#
105	42.7	45.8	85.8#

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





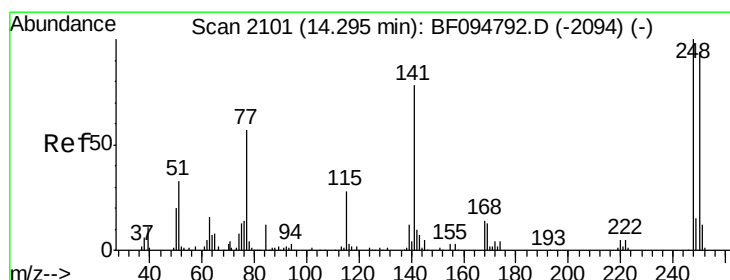
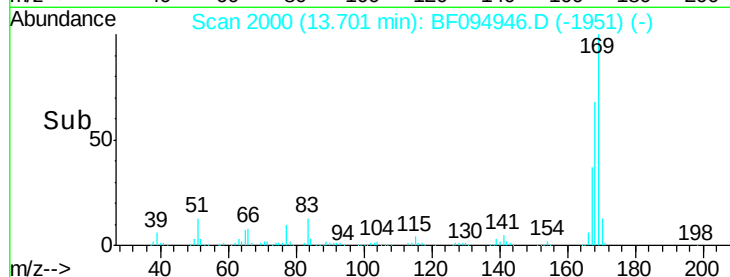
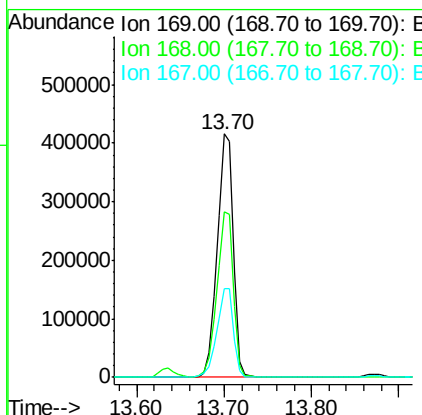
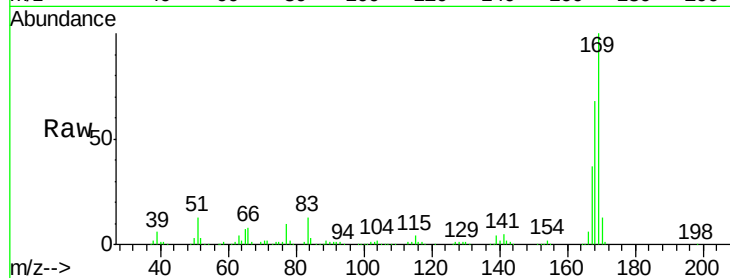
#65
n-Nitrosodiphenylamine
Concen: 44.06 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleID :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	532943		
168	68.1	53.2	79.8	
167	36.6	29.5	44.3	

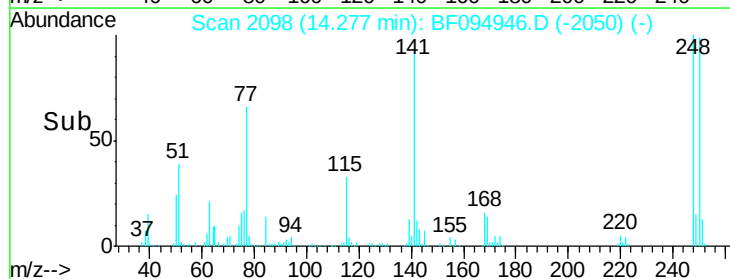
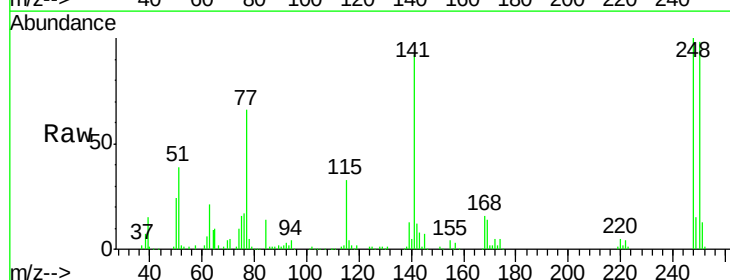
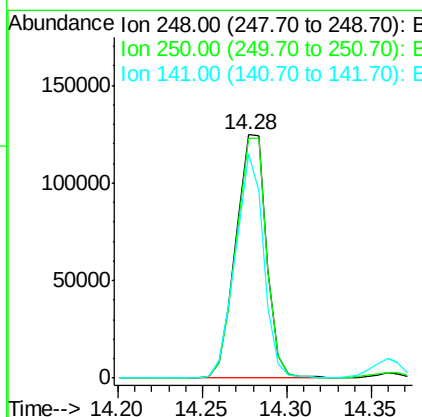
Manual Integrations
APPROVED

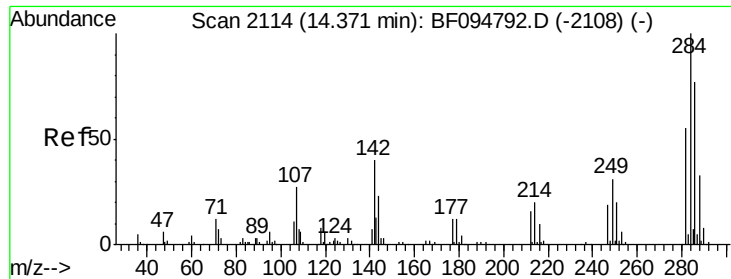
mohammad
5/8/2017 2:48:45 PM



#66
4-Bromophenyl-phenylether
Concen: 44.91 ng
RT: 14.28 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	158123		
250	98.4	76.8	115.2	
141	92.0	68.6	103.0	





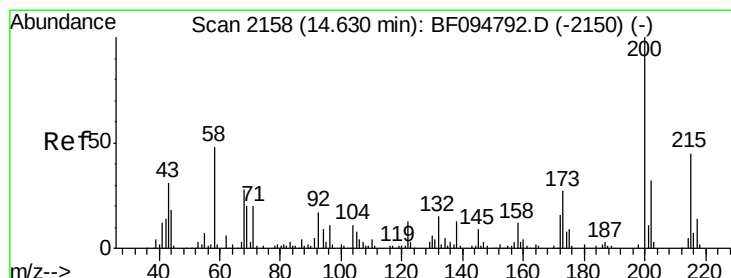
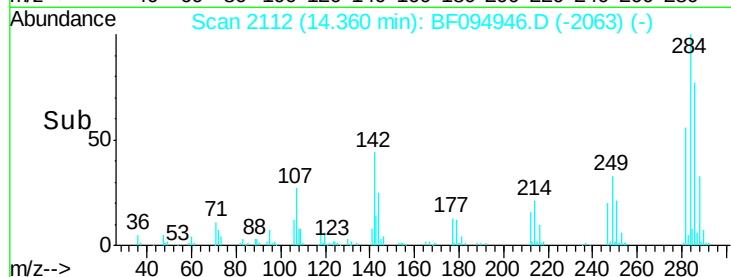
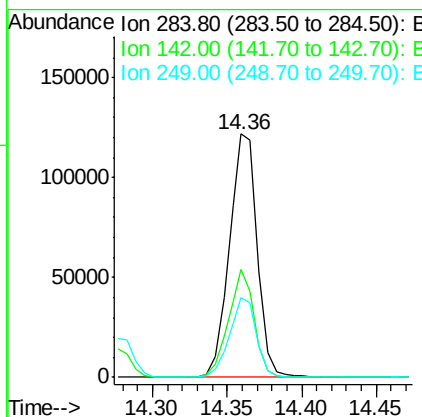
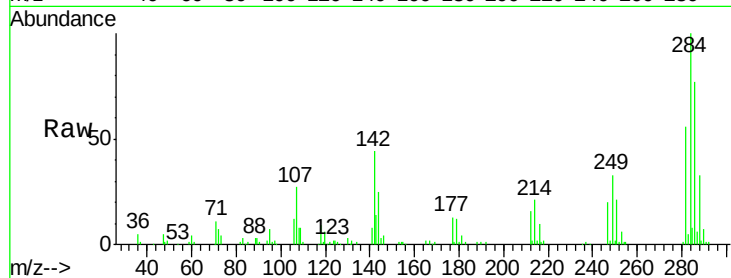
#67
Hexachlorobenzene
Concen: 43.93 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	158531		
142	44.1	22.8	34.2	#
249	33.0	24.0	36.0	

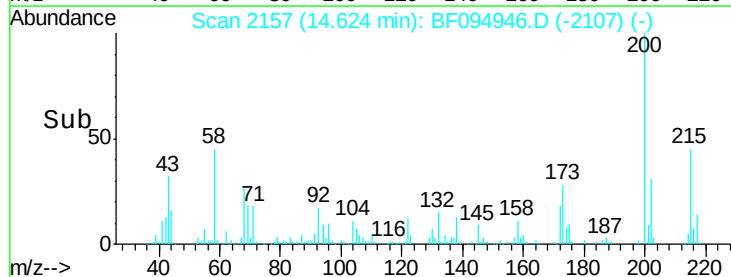
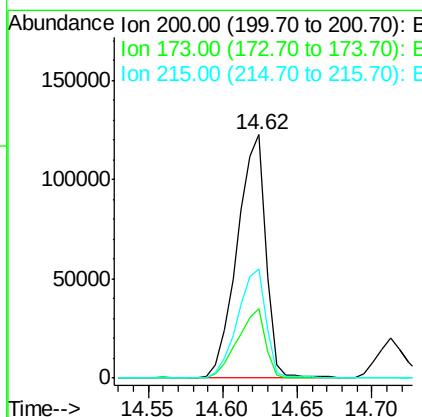
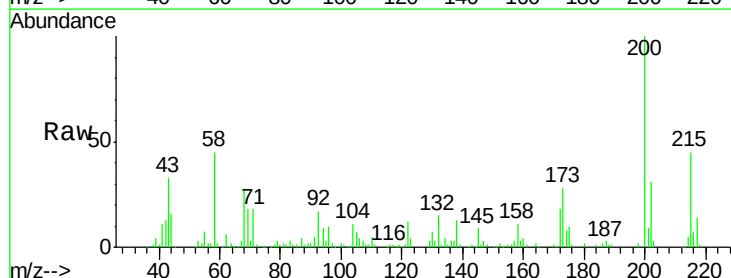
Manual Integrations
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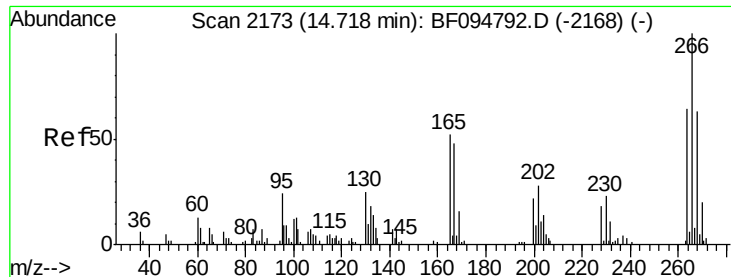
mohammad
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#68
Atrazine
Concen: 47.89 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	163532		
173	28.4	6.3	46.3	
215	45.0	27.2	67.2	





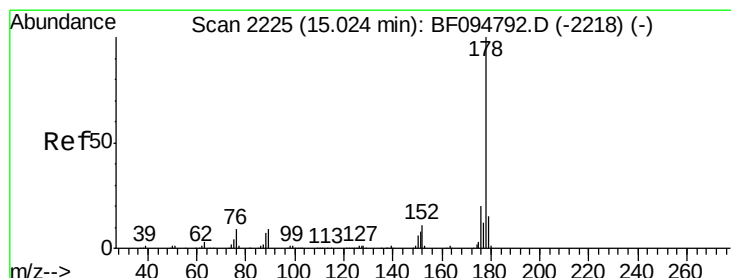
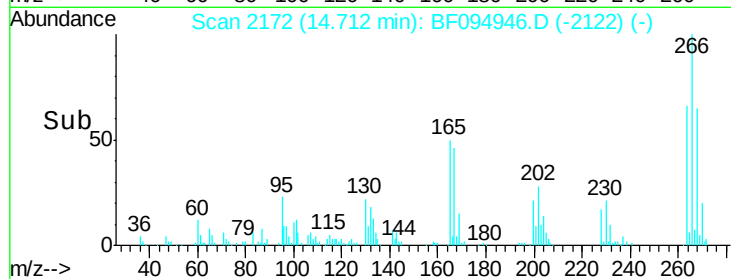
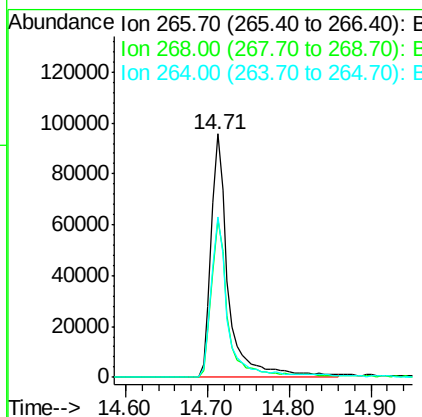
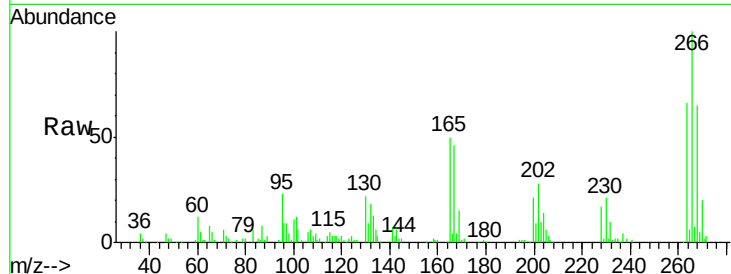
#69
 Pentachlorophenol
 Concen: 86.57 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	142090		
268	64.9	51.1	76.7	
264	65.6	51.7	77.5	

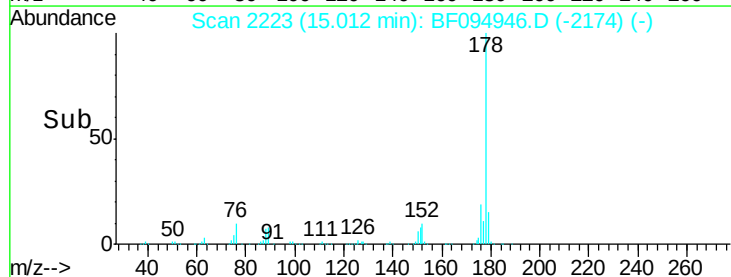
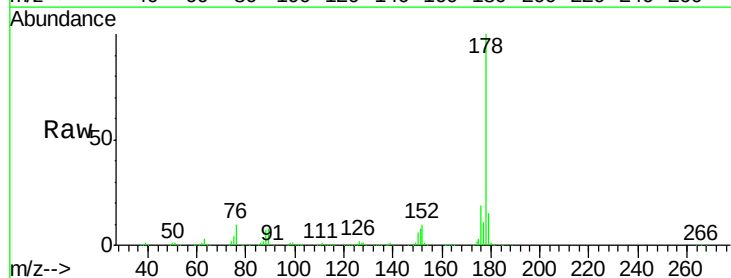
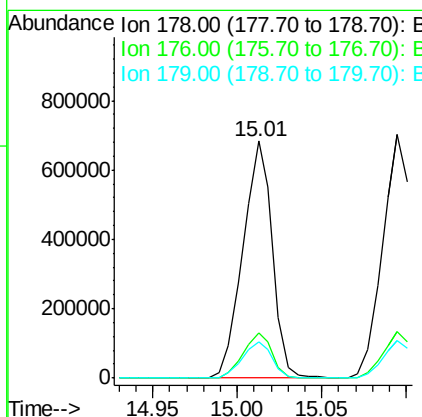
Manual Integrations
 APPROVED

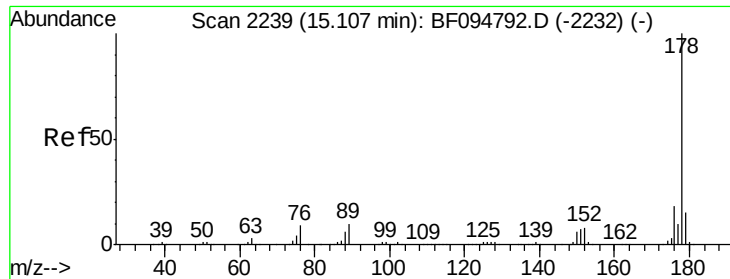
mohammad
 5/8/2017 2:48:45 PM



#70
 Phenanthrene
 Concen: 43.29 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	828891		
176	18.9	16.2	24.4	
179	15.2	12.6	19.0	





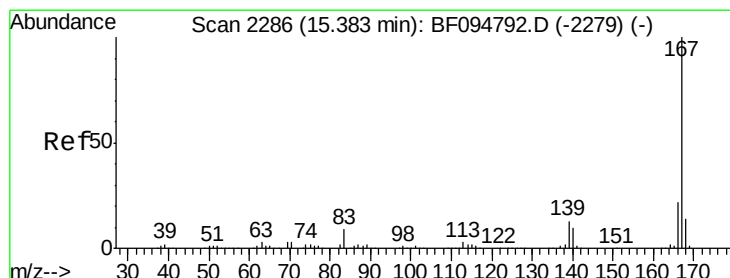
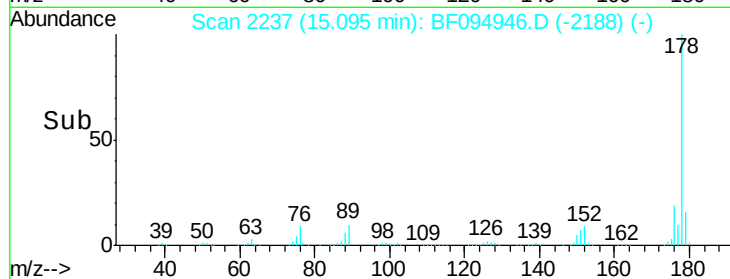
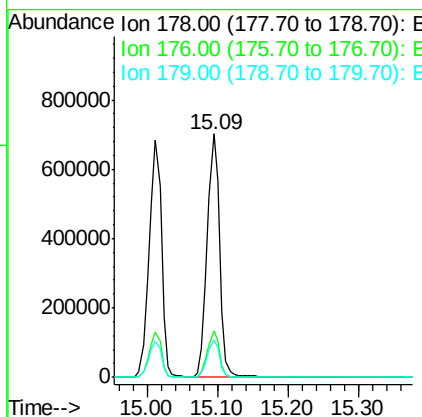
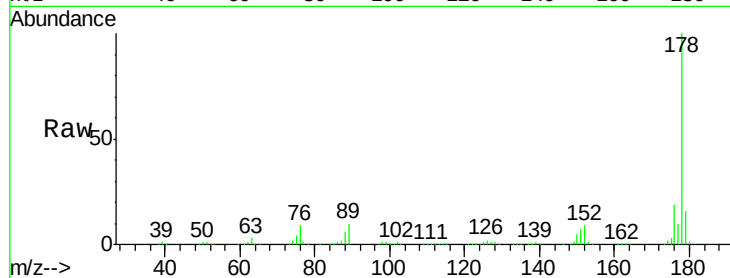
#71
 Anthracene
 Concen: 44.48 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	869921		
176	18.9	15.8	23.8	
179	15.6	12.7	19.1	

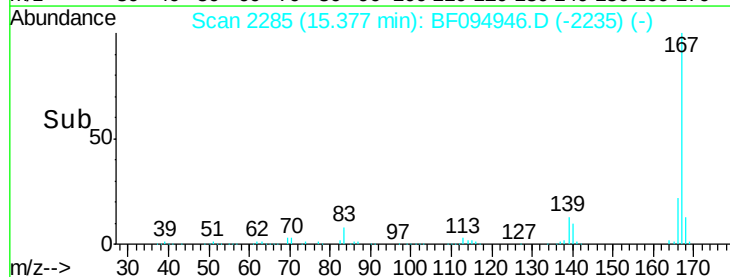
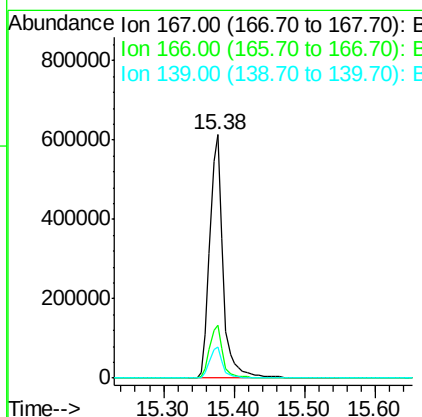
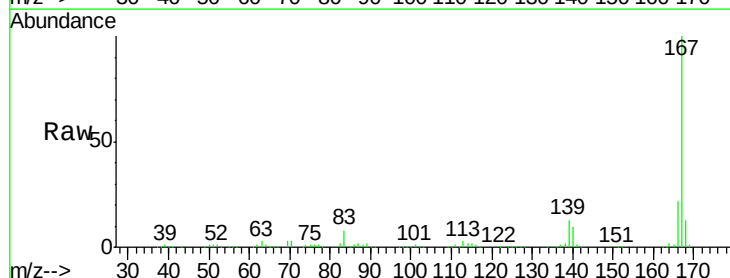
Manual Integrations
 APPROVED

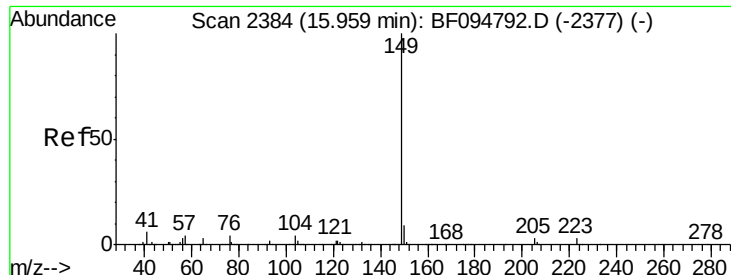
mohammad
 5/8/2017 2:48:45 PM



#72
 Carbazole
 Concen: 45.29 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	805949		
166	21.8	18.1	27.1	
139	13.0	11.7	17.5	





#73

Di-n-butylphthalate

Concen: 44.81 ng

RT: 15.94 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

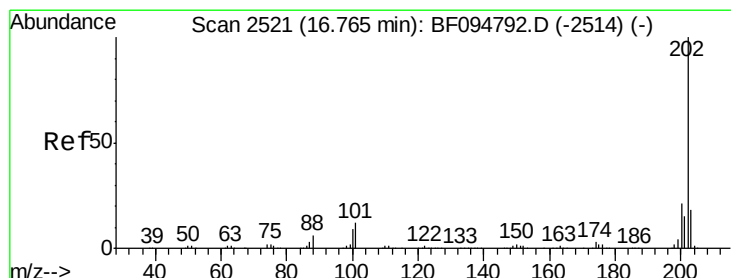
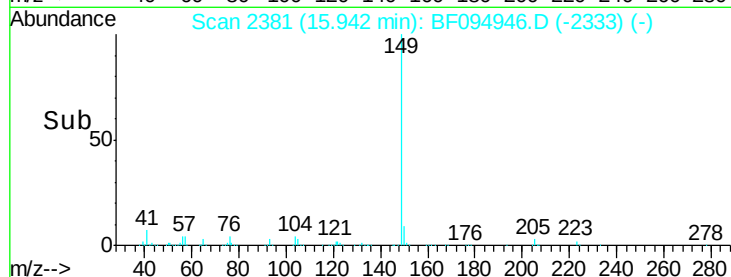
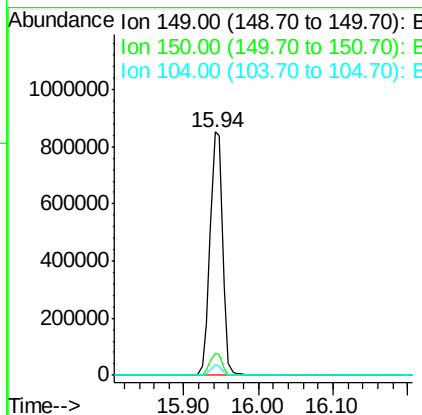
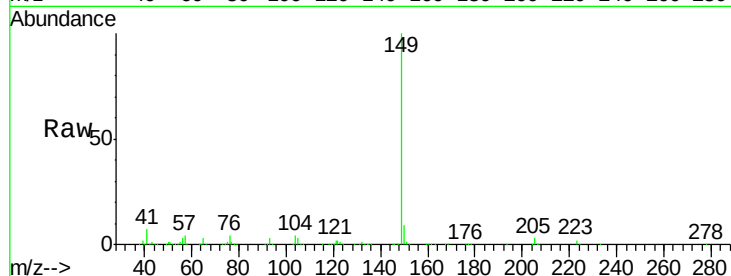
ClientSampleId :

PB98737BS

Tgt Ion:	149	Resp:	994492
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
APPROVED

mohammad
5/8/2017 2:48:45 PM



#74

Fluoranthene

Concen: 45.29 ng

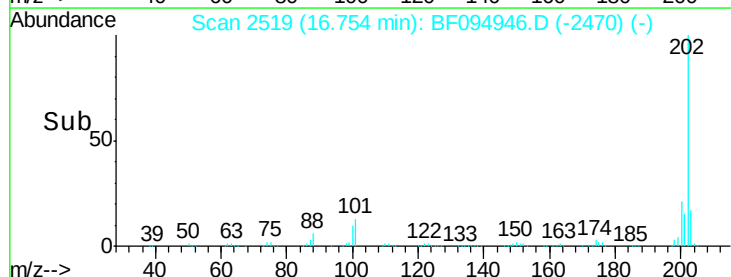
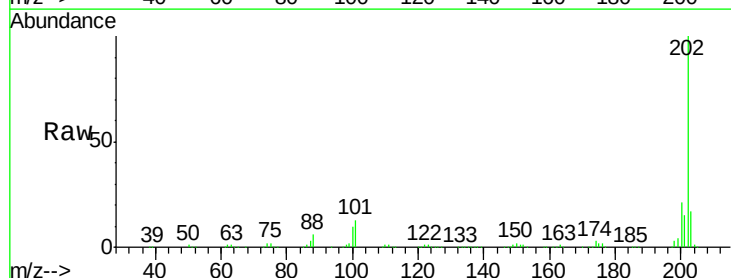
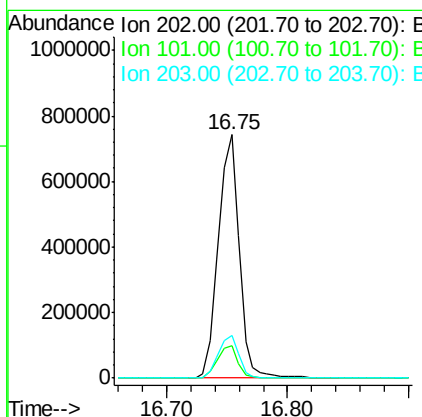
RT: 16.75 min Scan# 2519

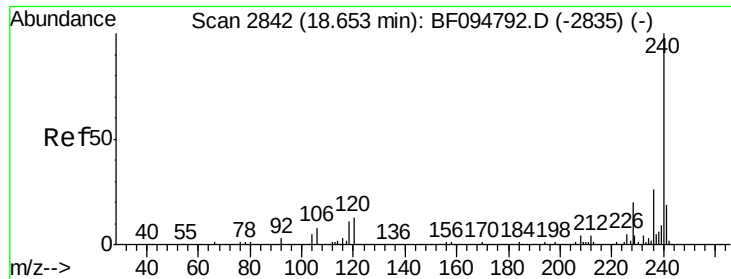
Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Tgt Ion:	202	Resp:	889621
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.2
203	17.4	0.0	38.1





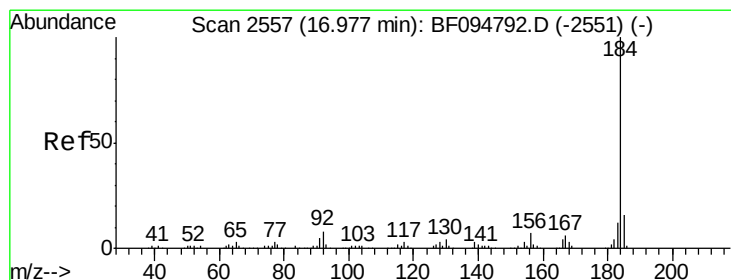
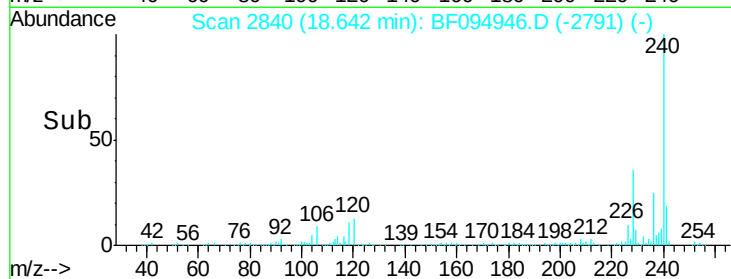
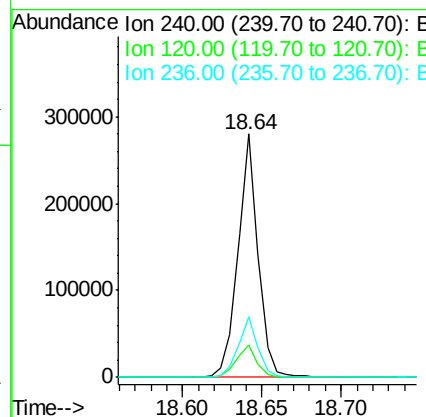
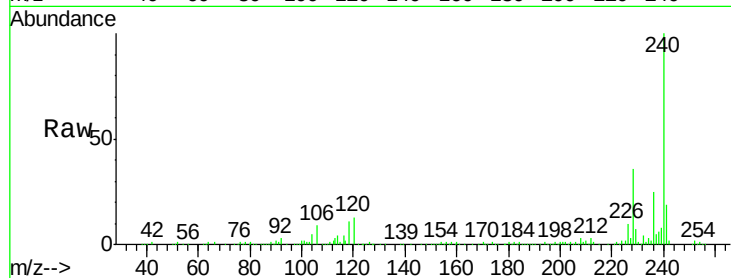
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.1	20.5	30.7

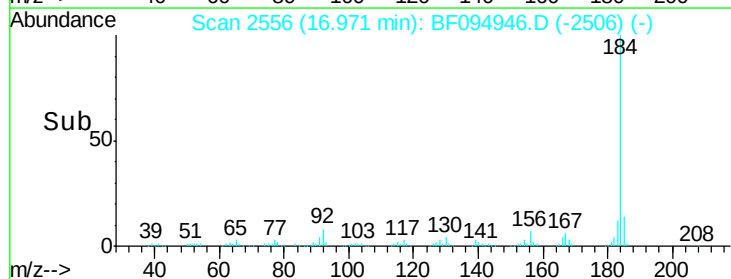
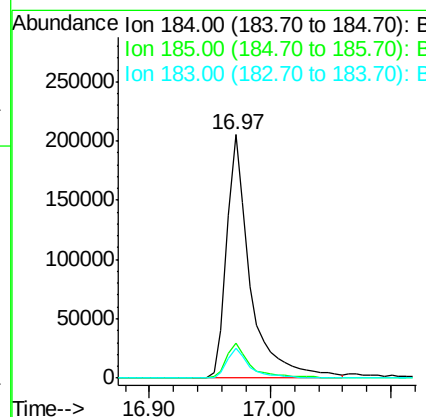
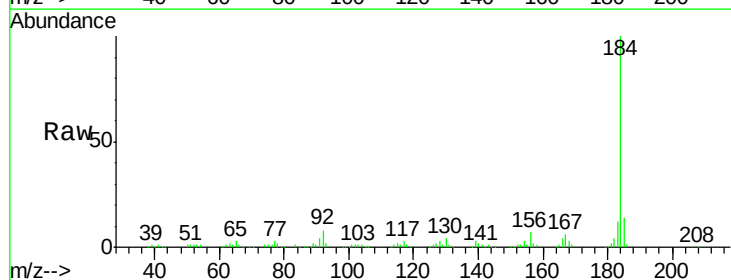
Manual Integrations
APPROVED

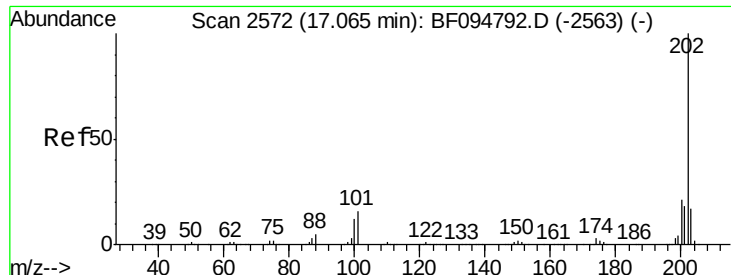
mohammad
5/8/2017 2:48:45 PM



#76
Benzidine
Concen: 42.28 ng
RT: 16.97 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

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





#77

Pyrene

Concen: 48.15 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

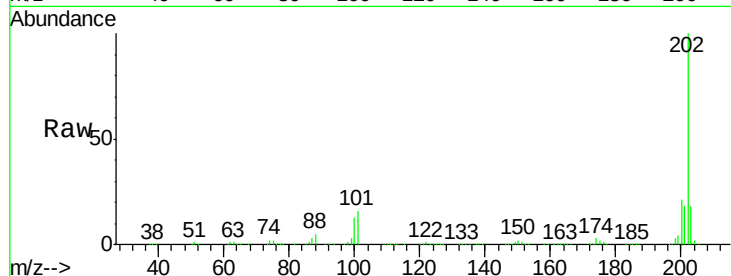
ClientSampleId :

PB98737BS

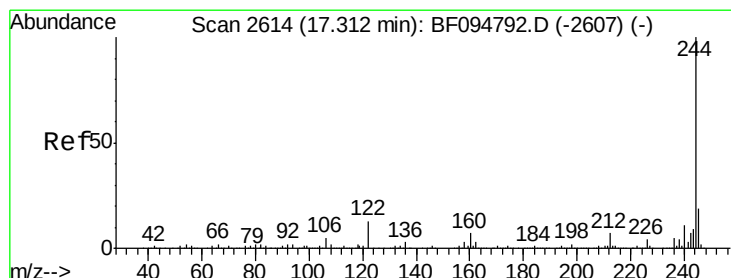
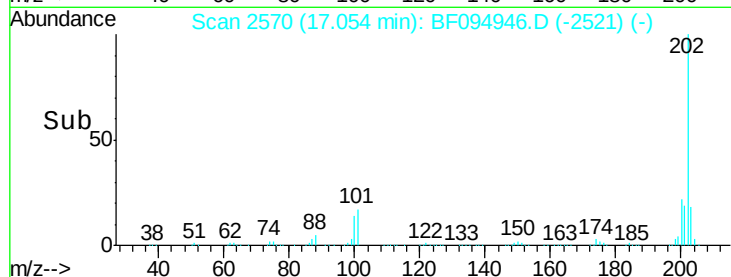
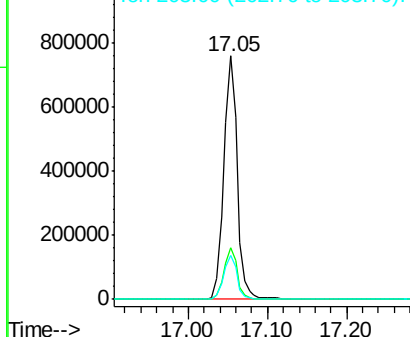
Tgt Ion:	202	Resp:	891079
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6

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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: 86.21 ng

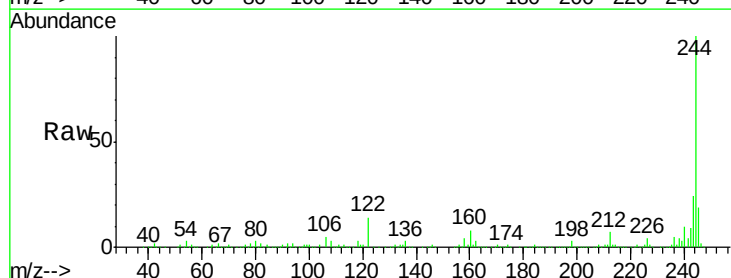
RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

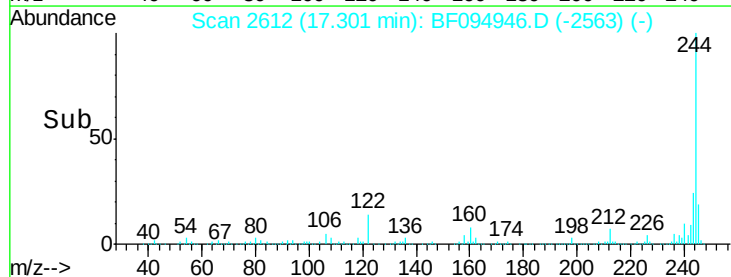
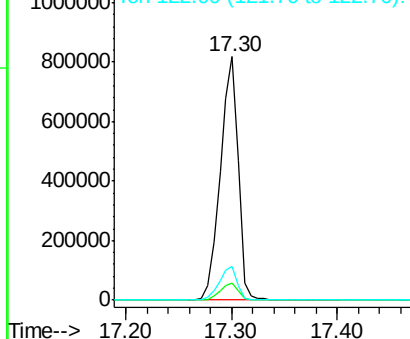
Lab File: BF094946.D

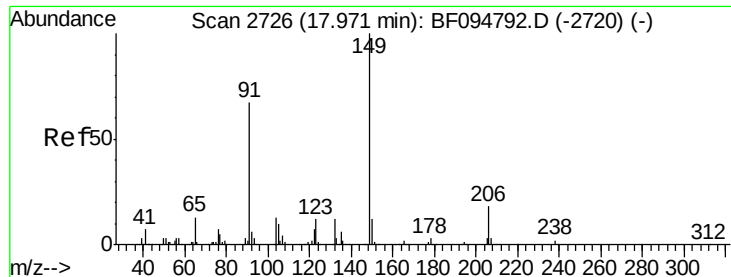
Acq: 6 May 2017 6:57

Tgt Ion:	244	Resp:	968543
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.6	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





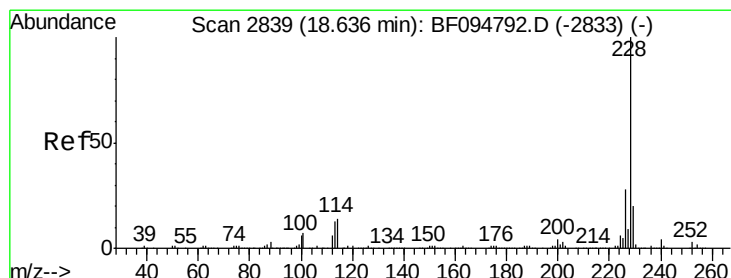
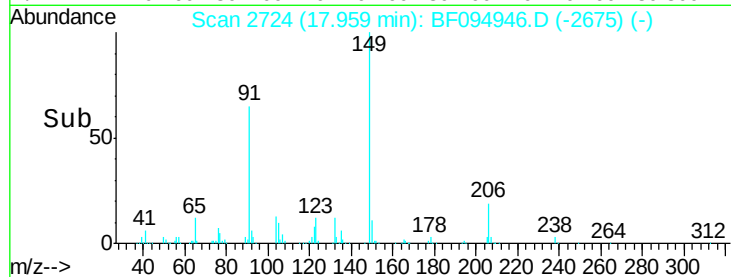
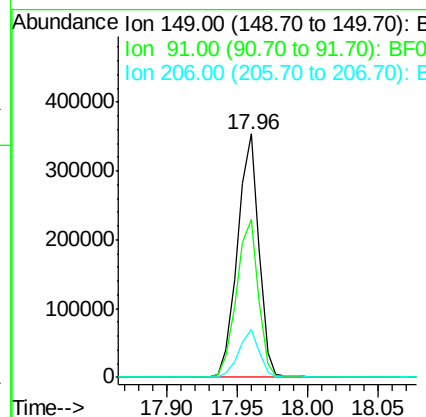
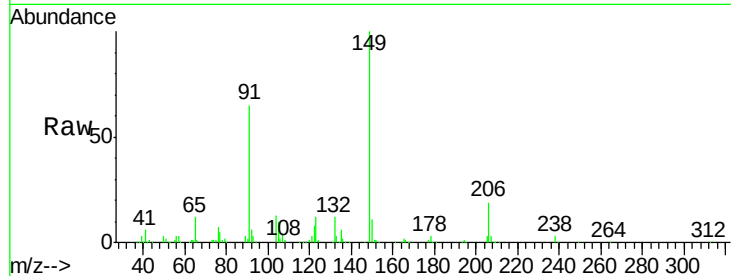
#79
Butylbenzylphthalate
Concen: 43.44 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	373918		
91	64.7	45.0	67.4	
206	19.5	17.0	25.6	

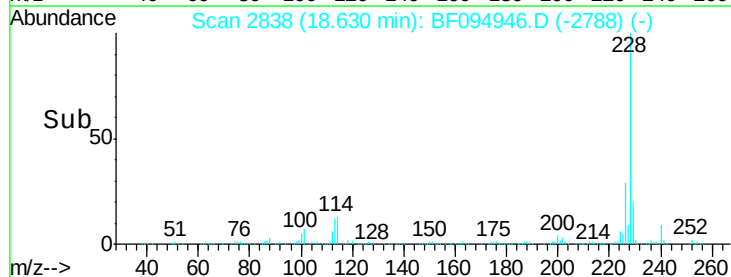
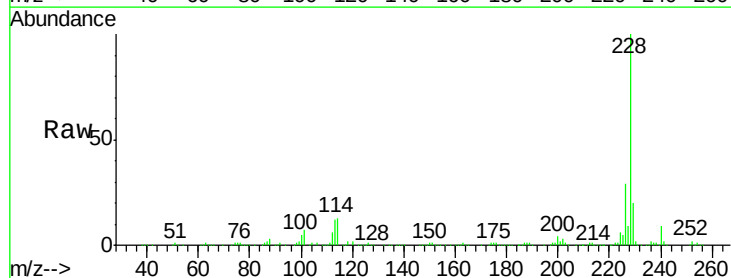
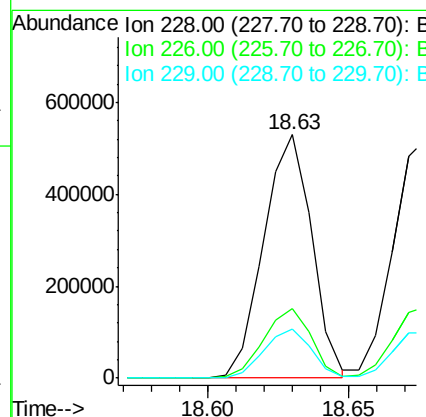
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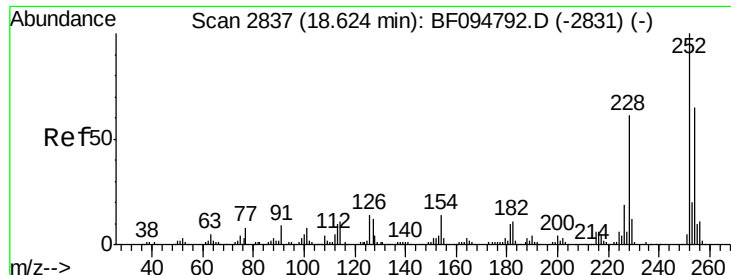
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#80
Benzo(a)anthracene
Concen: 43.46 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	625813		
226	28.8	22.6	33.8	
229	20.4	16.3	24.5	





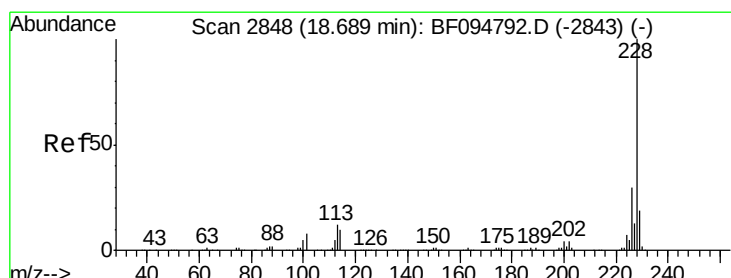
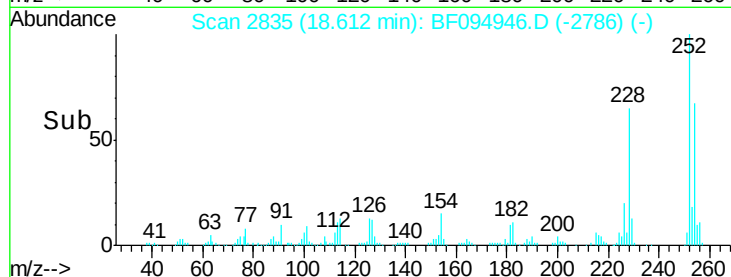
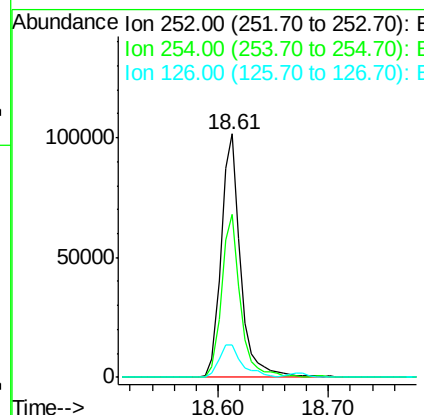
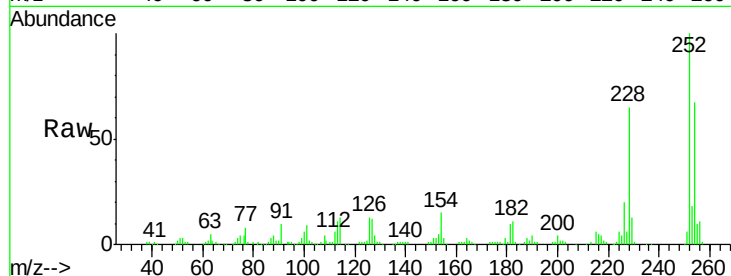
#81
 3,3'-Dichlorobenzidine
 Concen: 24.86 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
228	66.7	51.5	77.3
126	13.4	15.8	23.8

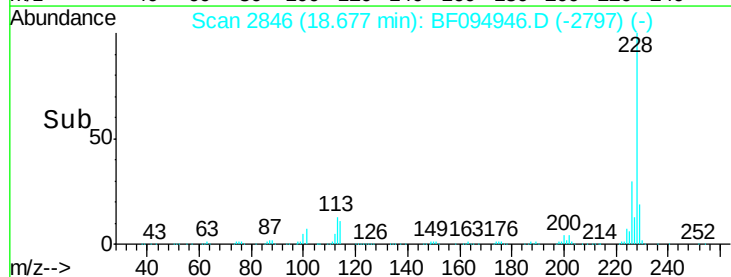
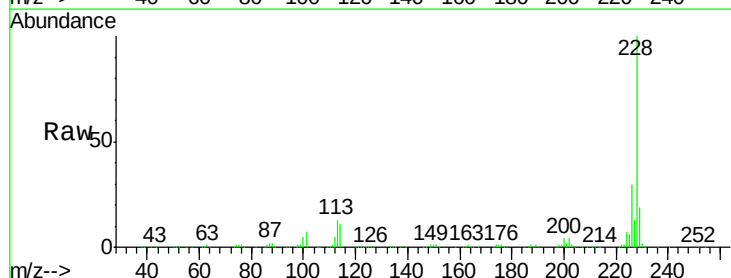
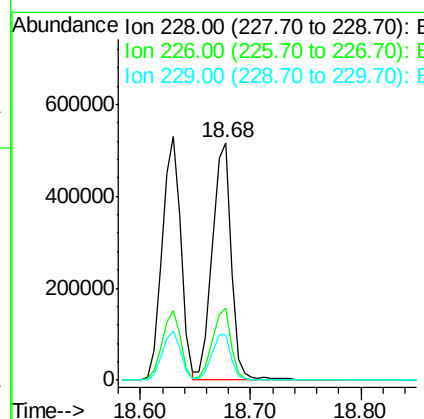
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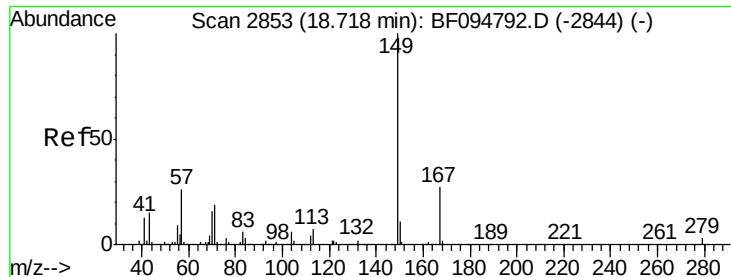
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#82
 Chrysene
 Concen: 43.14 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.9	37.3
229	19.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.87 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

PB98737BS

Tgt Ion:149 Resp: 550337
Ion Ratio Lower Upper

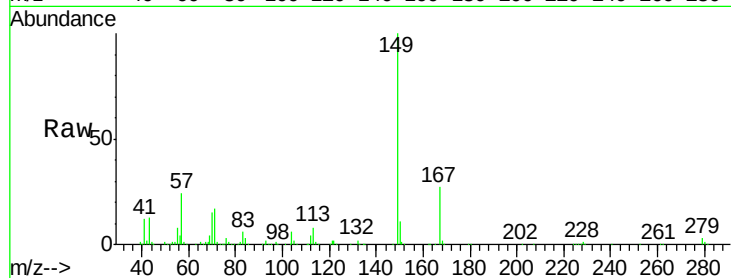
149 100

167 26.7 21.0 31.4

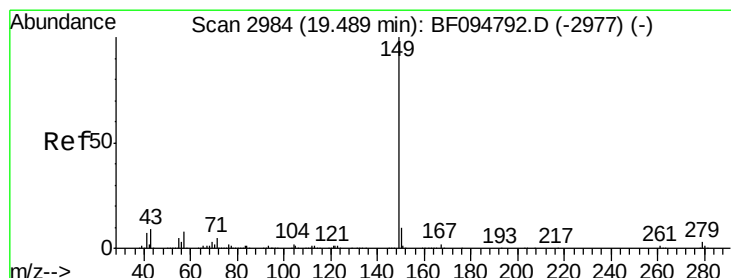
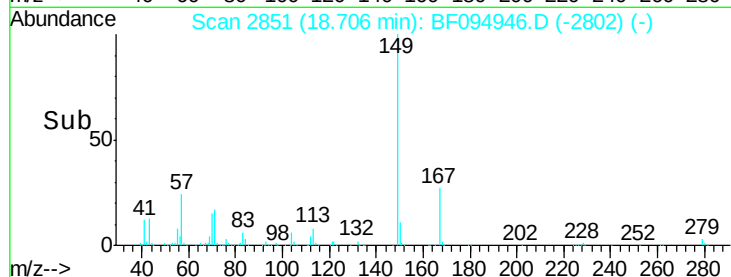
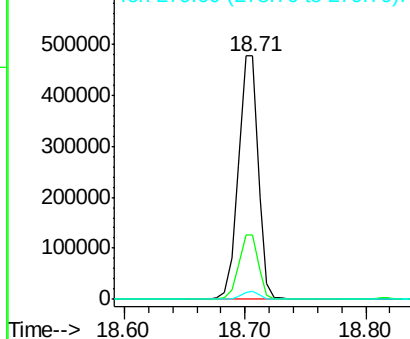
279 3.3 1.9 2.9#

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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: 47.44 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094946.D

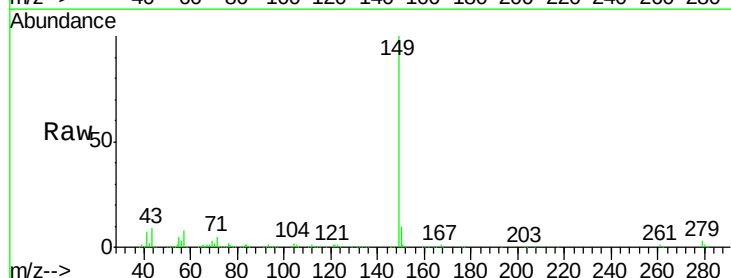
Acq: 6 May 2017 6:57

Tgt Ion:149 Resp: 953888
Ion Ratio Lower Upper

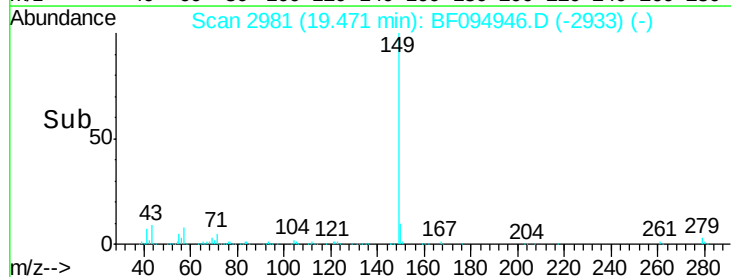
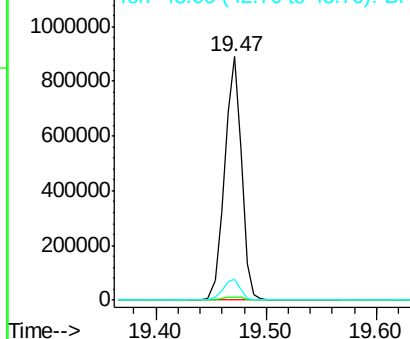
149 100

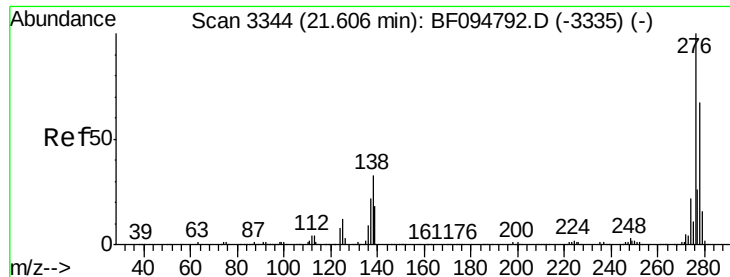
167 1.5 1.2 1.8

43 8.9 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





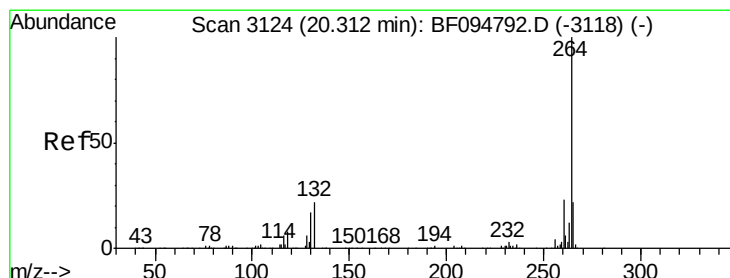
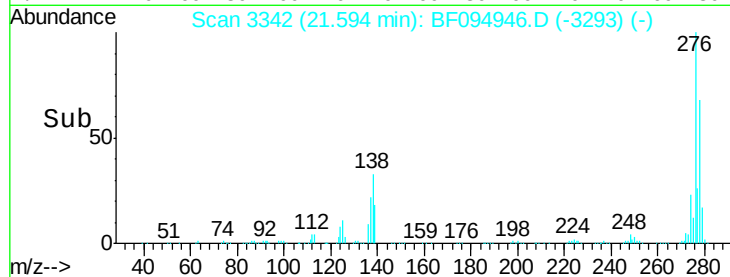
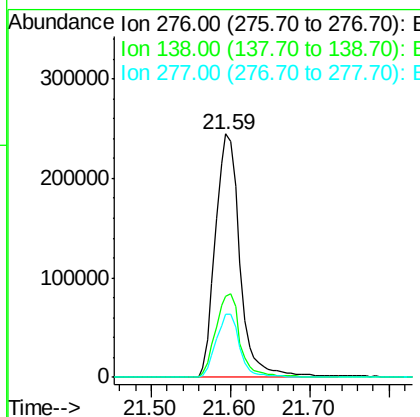
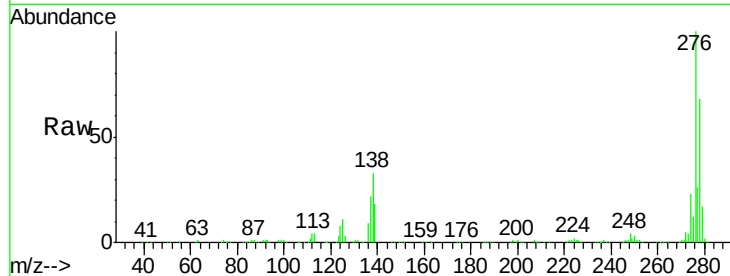
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.80 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion:	276	Resp:	529216
Ion Ratio	Lower	Upper	
276	100		
138	34.2	27.8	41.6
277	25.3	20.2	30.4

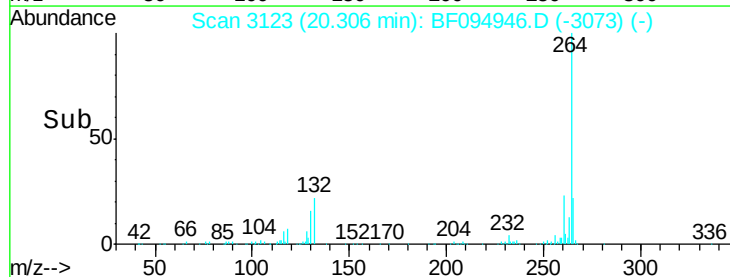
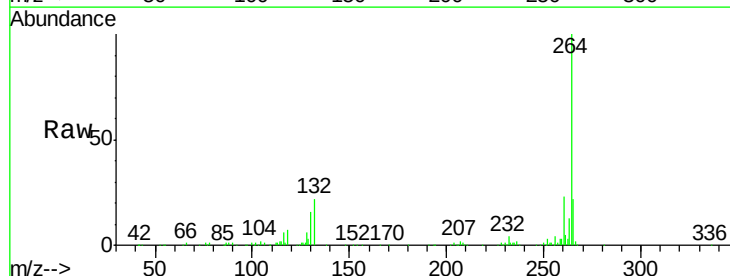
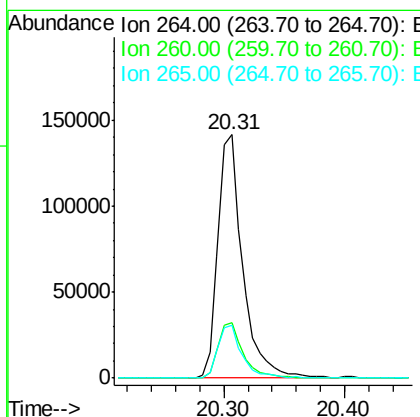
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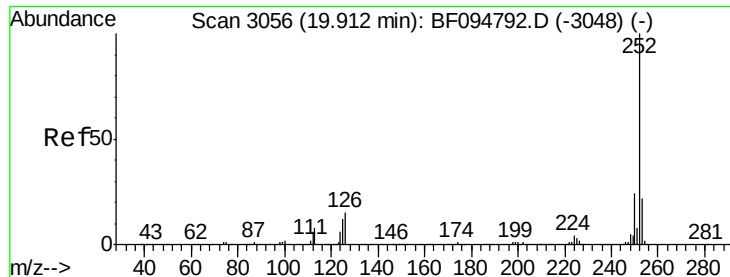
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:	264	Resp:	200631
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.5	29.3
265	21.8	17.2	25.8





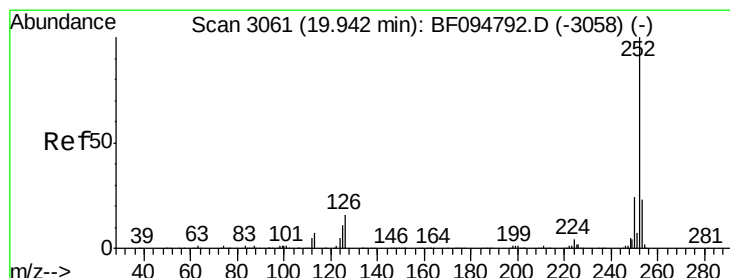
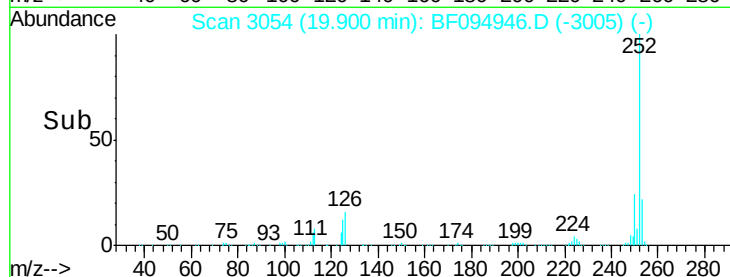
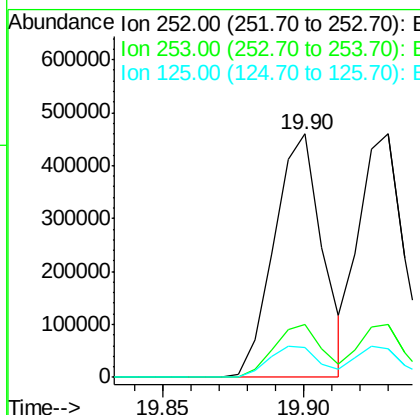
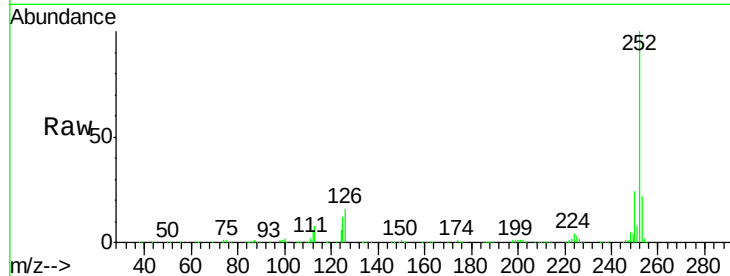
#87
Benzo(b)fluoranthene
Concen: 43.92 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :
PB98737BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.3	9.8	14.8

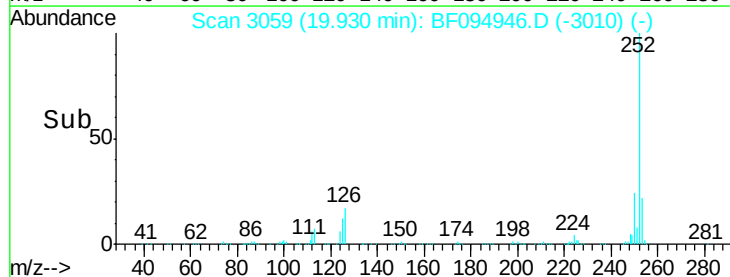
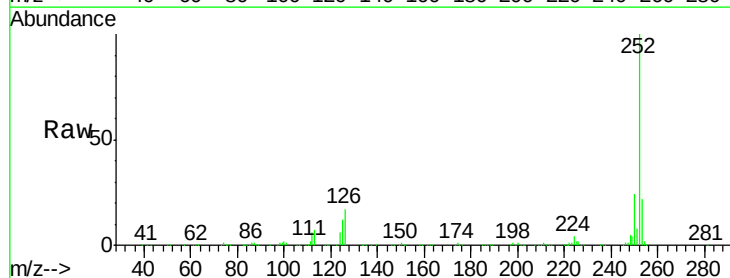
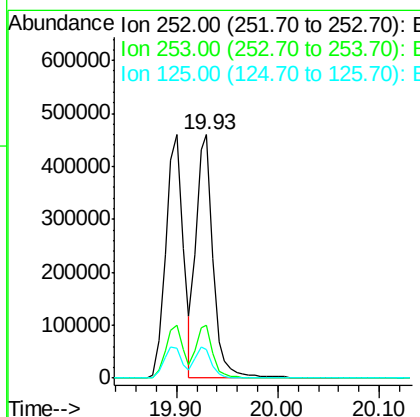
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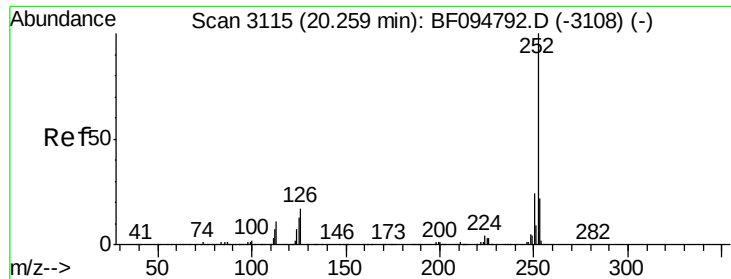
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#88
Benzo(k)fluoranthene
Concen: 44.61 ng
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	11.6	13.1	19.7#





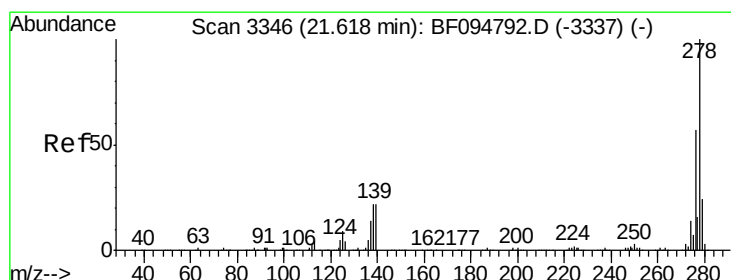
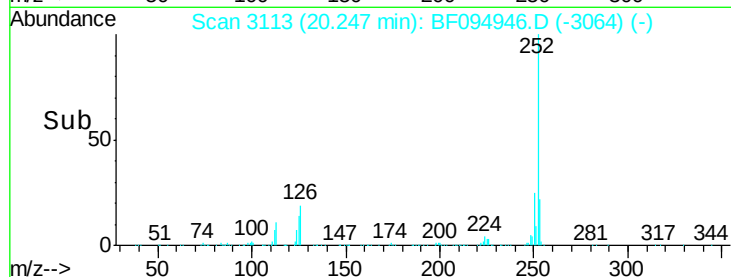
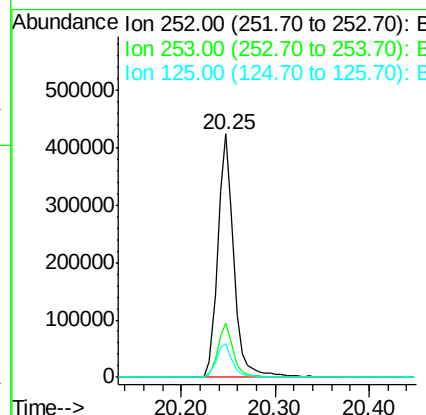
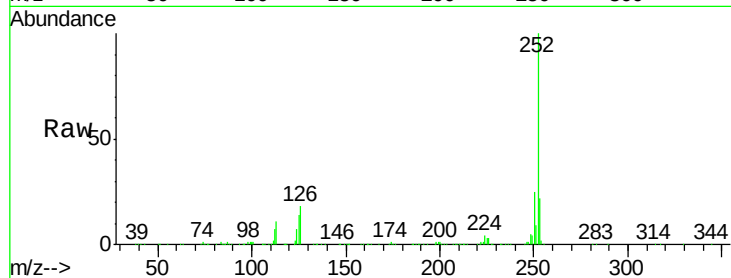
#89
Benzo(a)pyrene
Concen: 44.63 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampled :
PB98737BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.9	11.0	16.4

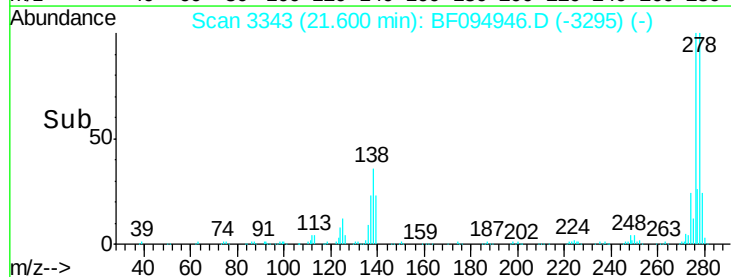
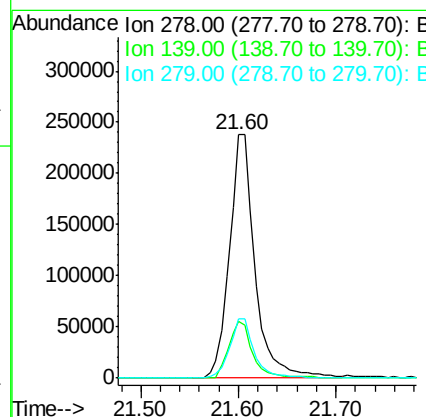
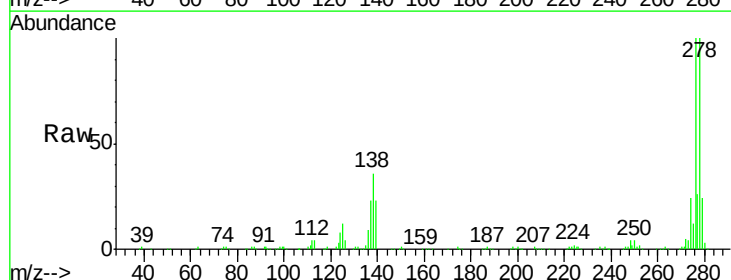
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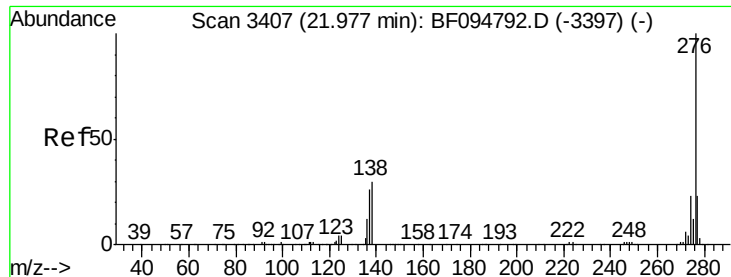
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#90
Dibenzo(a,h)anthracene
Concen: 45.88 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 50.19 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BS

Tgt Ion:	276	Resp:	465290
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.6	28.0
138	28.4	25.4	38.0

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