

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094903.D
 Acq On : 5 May 2017 7:28
 Operator : SJ/MA
 Sample : I2932-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
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 5/5/2017 5:23:50 PM

Quant Time: May 05 08:24:07 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	83866	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	354849	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	164641	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	290815	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	202942	20.00	ng	-0.02
86) Perylene-d12	20.30	264	180839	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	664182	132.04	ng	0.00
7) Phenol-d6	7.27	99	758976	125.75	ng	0.00
23) Nitrobenzene-d5	8.62	82	520625	92.52	ng	-0.01
41) 2,4,6-Tribromophenol	13.88	330	197529	146.50	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1049501	91.75	ng	-0.01
78) Terphenyl-d14	17.30	244	886708	96.24	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	77721	31.50	ng	96
3) Pyridine	2.82	79	187083	32.72	ng	95
4) n-Nitrosodimethylamine	2.74	42	94669	39.72	ng	93
6) Aniline	7.22	93	176163	23.12	ng	96
8) 2-Chlorophenol	7.42	128	259285	45.29	ng	94
9) Benzaldehyde	7.04	77	37926	10.29	ng	95
10) Phenol	7.29	94	257586	40.50	ng	88
11) bis(2-Chloroethyl)ether	7.36	93	223313	42.53	ng	97
12) 1,3-Dichlorobenzene	7.63	146	251440	38.71	ng	98
13) 1,4-Dichlorobenzene	7.75	146	252902	38.40	ng	97
14) 1,2-Dichlorobenzene	7.98	146	243393	39.59	ng	97
15) Benzyl Alcohol	8.01	79	212198	54.66	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	310036	41.72	ng	74
17) 2-Methylphenol	8.22	107	217701	46.46	ng	95
18) Hexachloroethane	8.51	117	82044	36.77	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	186455	45.68	ng	95
20) 3+4-Methylphenols	8.48	107	285335	44.81	ng	# 60
22) Acetophenone	8.40	105	370792	43.55	ng	# 83
24) Nitrobenzene	8.65	77	257886	43.72	ng	92
25) Isophorone	9.05	82	471339	46.91	ng	95
26) 2-Nitrophenol	9.16	139	147174	46.24	ng	99
27) 2,4-Dimethylphenol	9.30	122	235016	45.67	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	301419	43.36	ng	97
29) 2,4-Dichlorophenol	9.58	162	233910	48.14	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	211365	40.60	ng	98
31) Naphthalene	9.78	128	748088	41.95	ng	100
32) Benzoic acid	9.61	122	128921	39.20	ng	97
33) 4-Chloroaniline	9.93	127	41405	6.23	ng	# 93
34) Hexachlorobutadiene	10.00	225	103640	37.73	ng	98
35) Caprolactam	10.54	113	63514m	43.53	ng	
36) 4-Chloro-3-methylphenol	10.77	107	254916	49.07	ng	89
37) 2-Methylnaphthalene	10.90	142	498153	42.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	210093	41.49	ng	99
40) Hexachlorocyclopentadiene	11.16	237	88568	44.52	ng	99

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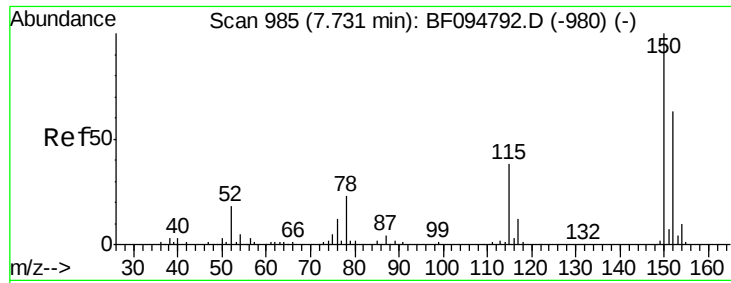
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	158628	46.92	ng	97
43) 2,4,5-Trichlorophenol	11.48	196	163808	45.08	ng	94
45) 1,1'-Biphenyl	11.67	154	615551	44.41	ng	98
46) 2-Chloronaphthalene	11.68	162	478271	42.73	ng	95
47) 2-Nitroaniline	11.89	65	139402	45.50	ng	# 82
48) Acenaphthylene	12.34	152	777926	44.37	ng	98
49) Dimethylphthalate	12.21	163	610475	45.17	ng	100
50) 2,6-Dinitrotoluene	12.31	165	133665	48.47	ng	94
51) Acenaphthene	12.62	154	478110	45.66	ng	99
52) 3-Nitroaniline	12.57	138	59929	20.25	ng	# 87
53) 2,4-Dinitrophenol	12.77	184	95594	64.27	ng	# 61
54) Dibenzofuran	12.91	168	702042	48.45	ng	97
55) 4-Nitrophenol	12.95	139	165305	92.99	ng	# 70
56) 2,4-Dinitrotoluene	12.97	165	179342	50.62	ng	# 87
57) Fluorene	13.47	166	598511	47.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	129696	56.72	ng	# 92
59) Diethylphthalate	13.37	149	584127	45.09	ng	98
60) 4-Chlorophenyl-phenylether	13.49	204	257772	46.55	ng	90
61) 4-Nitroaniline	13.57	138	121336	44.66	ng	97
62) Azobenzene	13.75	77	551127	52.94	ng	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	69364	35.58	ng	# 70
65) n-Nitrosodiphenylamine	13.70	169	512039	48.51	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	145520	47.36	ng	96
67) Hexachlorobenzene	14.36	284	145671	46.26	ng	# 87
68) Atrazine	14.62	200	146779	49.25	ng	97
69) Pentachlorophenol	14.71	266	129361	90.07	ng	97
70) Phenanthrene	15.01	178	803282	48.07	ng	99
71) Anthracene	15.09	178	840585	49.25	ng	98
72) Carbazole	15.38	167	728945	46.94	ng	97
73) Di-n-butylphthalate	15.95	149	936075	48.33	ng	99
74) Fluoranthene	16.75	202	774298	45.17	ng	98
76) Benzidine	16.97	184	241512	44.55	ng	# 91
77) Pyrene	17.05	202	740634	48.80	ng	99
79) Butylbenzylphthalate	17.96	149	360457	51.06	ng	89
80) Benzo(a)anthracene	18.62	228	566126	47.93	ng	98
81) 3,3'-Dichlorobenzidine	18.61	252	153204	37.56	ng	97
82) Chrysene	18.67	228	531860	46.57	ng	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	510996	50.80	ng	# 98
84) Di-n-octyl phthalate	19.47	149	788459	47.81	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	479992	51.75	ng	99
87) Benzo(b)fluoranthene	19.90	252	537919	48.14	ng	99
88) Benzo(k)fluoranthene	19.92	252	488689	45.34	ng	97
89) Benzo(a)pyrene	20.25	252	494025	47.91	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	400351	47.01	ng	99
91) Benzo(g,h,i)perylene	21.96	276	370798	44.37	ng	97

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



#1

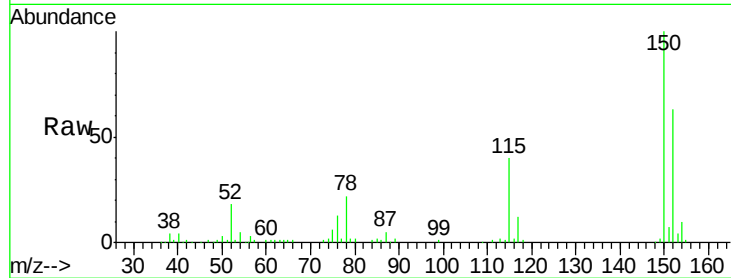
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

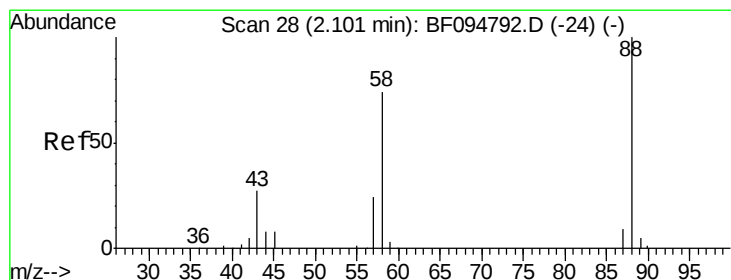
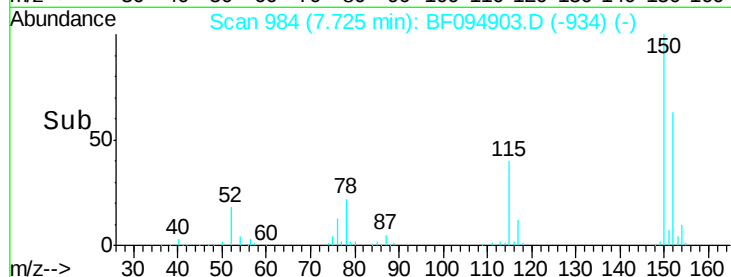
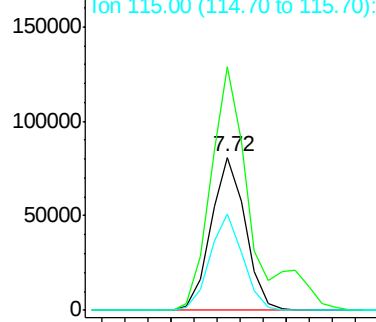
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	63.0	52.2	78.2

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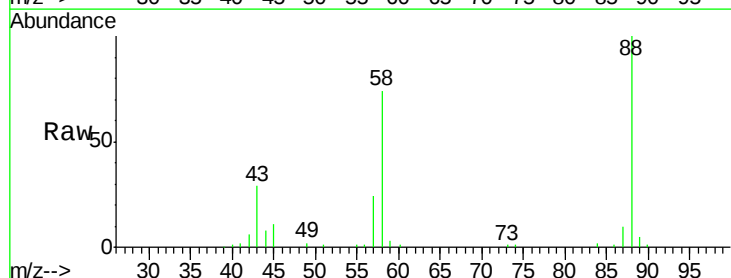
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



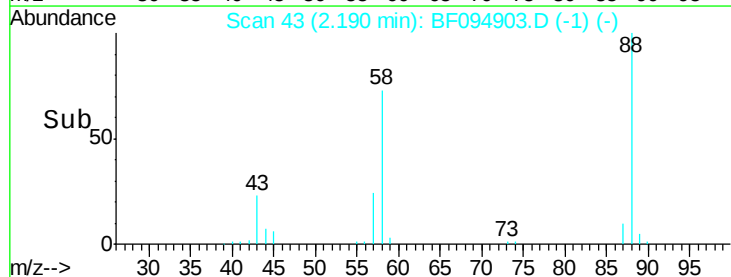
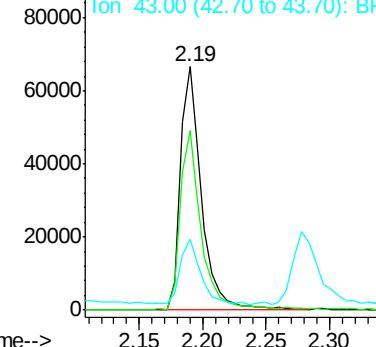
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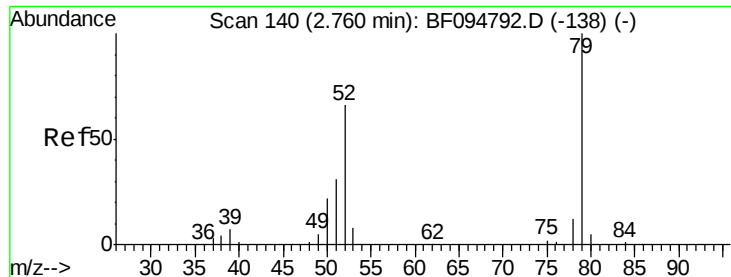
1,4-Dioxane
Concen: 31.50 ng
RT: 2.19 min Scan# 43
Delta R.T. 0.09 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	61.4	92.0
43	26.4	23.4	35.0



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





#3

Pyridine

Concen: 32.72 ng

RT: 2.82 min Scan# 151

Delta R.T. 0.06 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

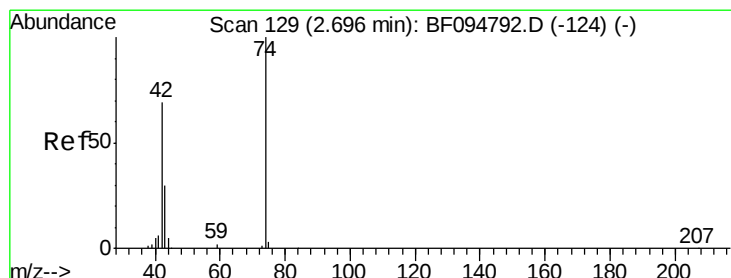
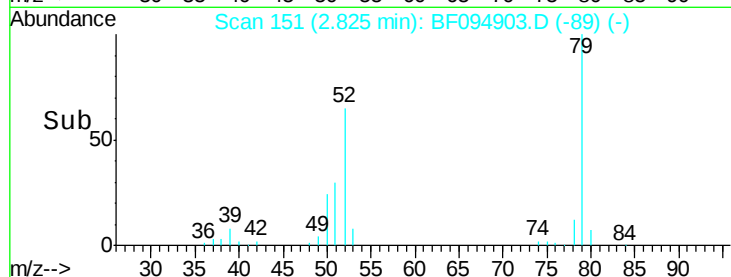
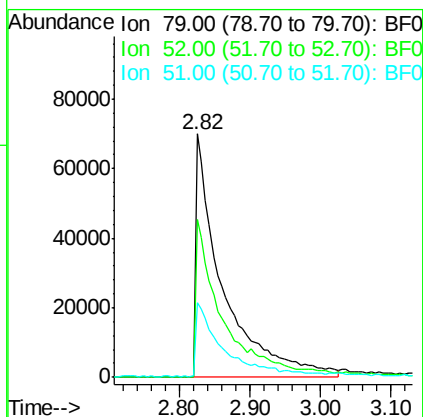
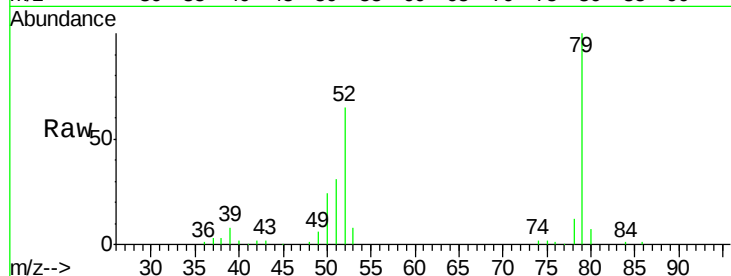
ClientSampleId :

TP-1MSD

Tgt Ion:	79	Resp:	187083
Ion	Ratio	Lower	Upper
79	100		
52	65.0	54.8	82.2
51	30.6	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 39.72 ng

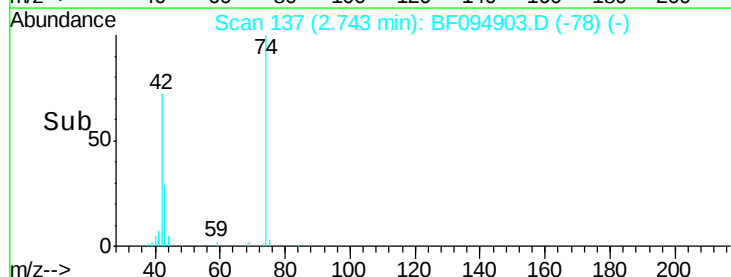
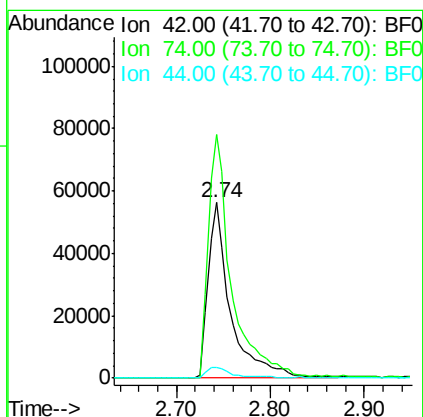
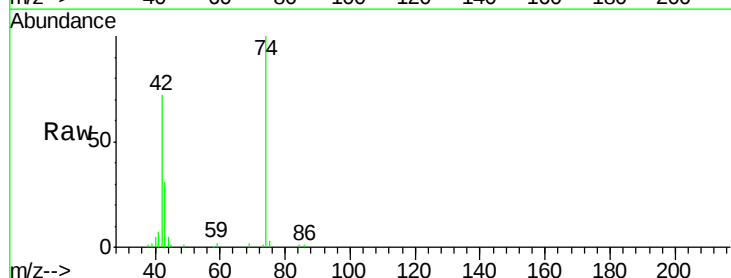
RT: 2.74 min Scan# 137

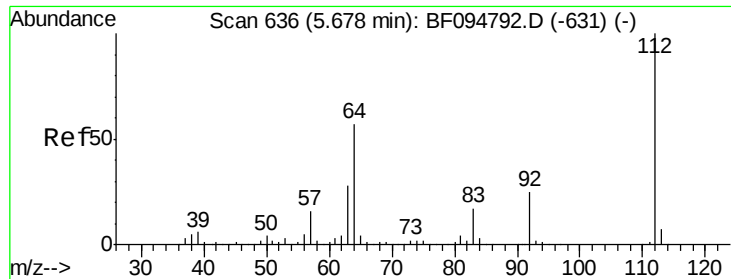
Delta R.T. 0.05 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Tgt Ion:	42	Resp:	94669
Ion	Ratio	Lower	Upper
42	100		
74	138.8	103.9	155.9
44	6.3	5.7	8.5





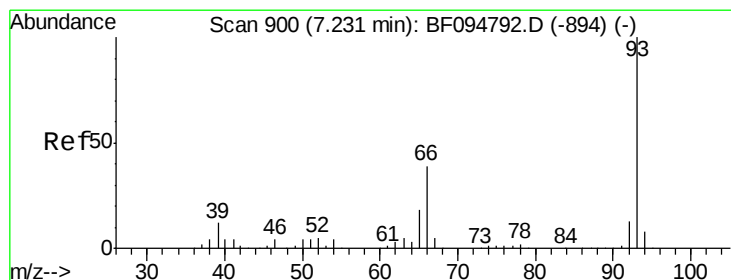
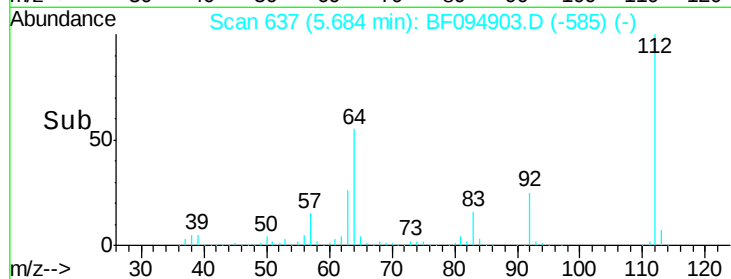
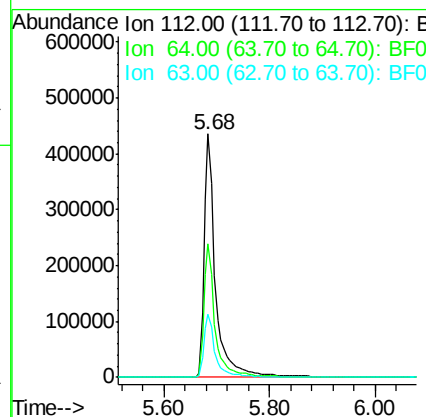
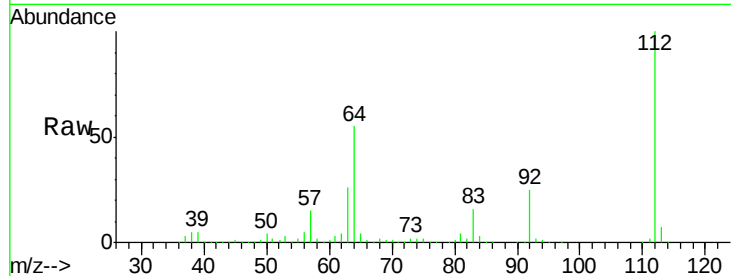
#5
 2-Fluorophenol
 Concen: 132.04 ng
 RT: 5.68 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	54.6	46.0	69.0
63	26.1	23.4	35.0

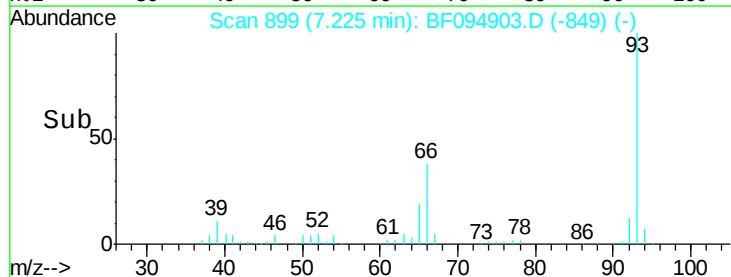
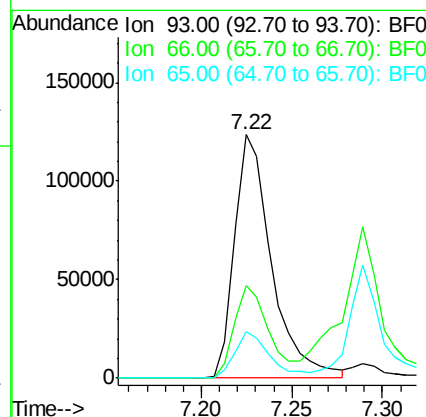
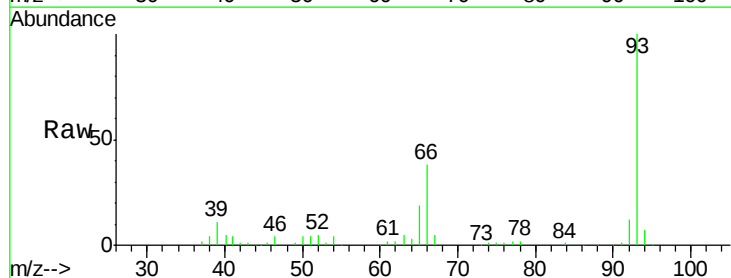
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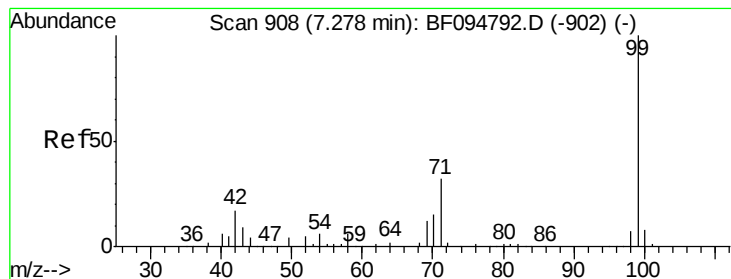
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#6
 Aniline
 Concen: 23.12 ng
 RT: 7.22 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.8	32.9	49.3
65	18.9	16.0	24.0





#7

Phenol-d6

Concen: 125.75 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

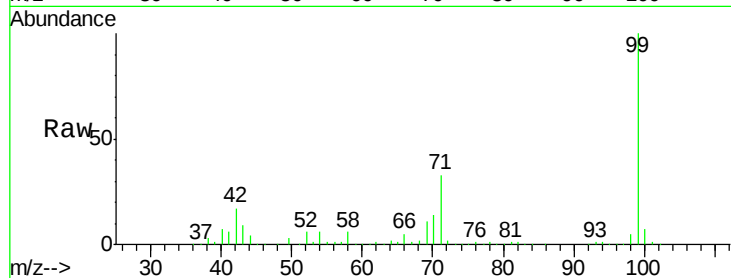
ClientSampleId :

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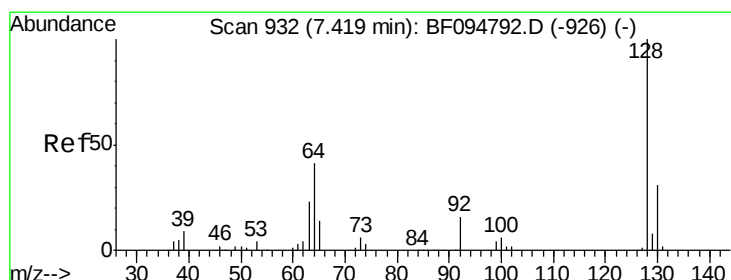
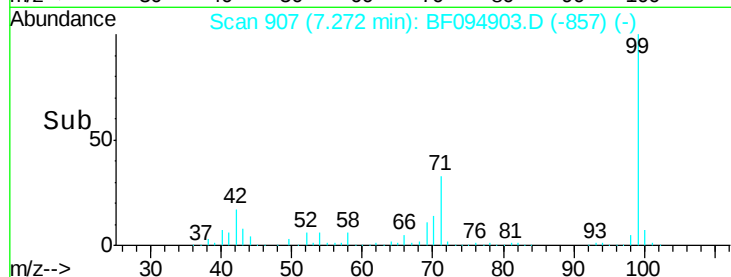
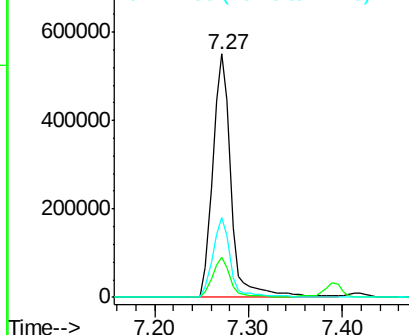
Tgt Ion:	99	Resp:	758976
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	32.9	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.29 ng

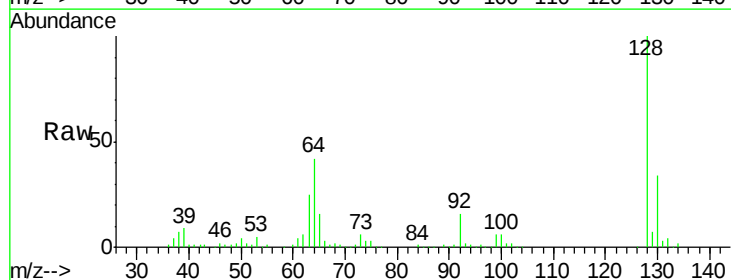
RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

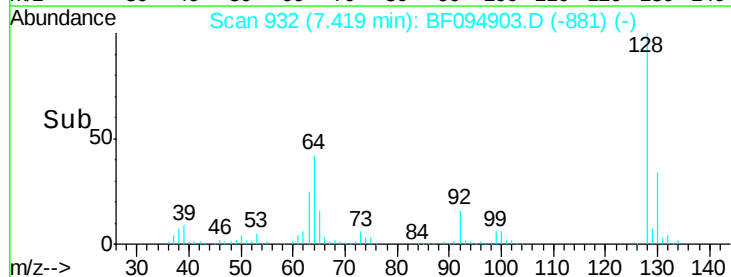
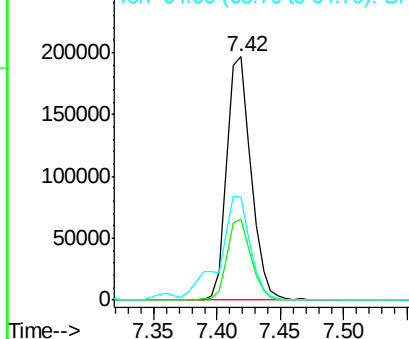
Lab File: BF094903.D

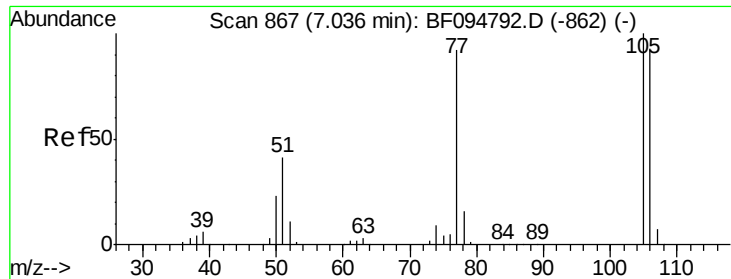
Acq: 5 May 2017 7:28

Tgt Ion:	128	Resp:	259285
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.9	52.9
64	42.0	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.29 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

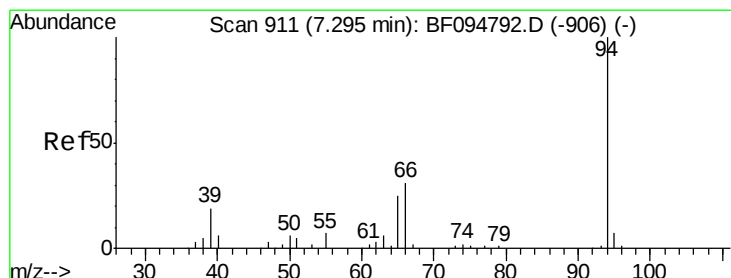
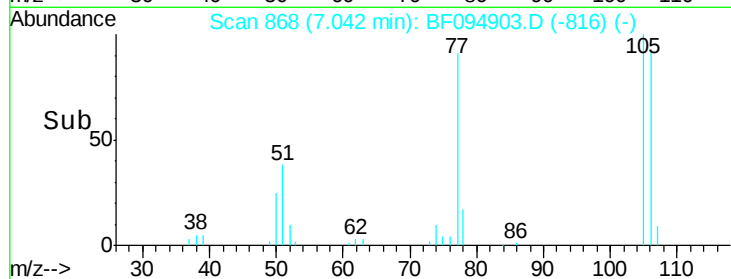
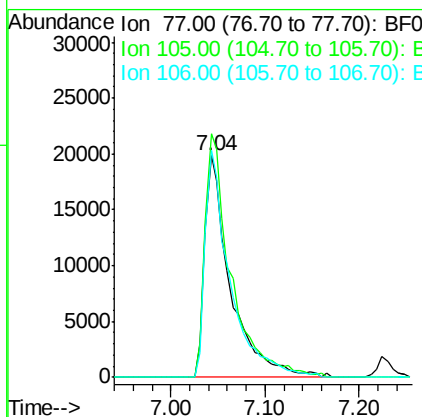
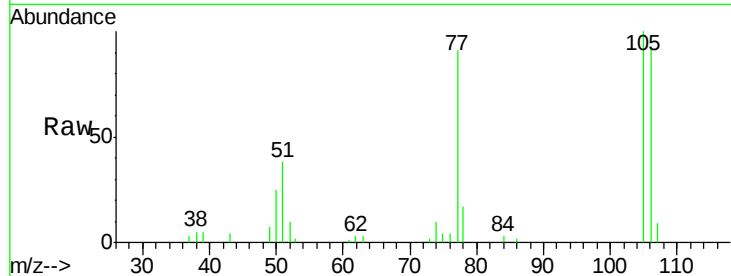
ClientSampleId :

TP-1MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	109.8	83.8	123.8
106	102.4	79.1	119.1

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#10

Phenol

Concen: 40.50 ng

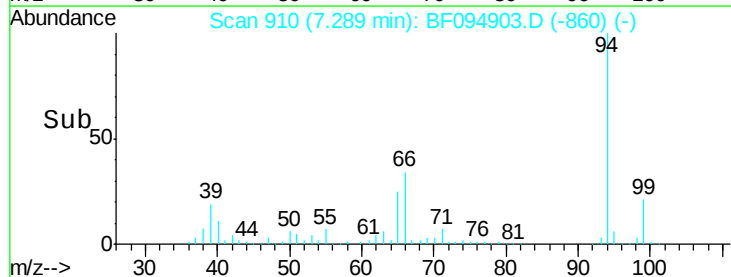
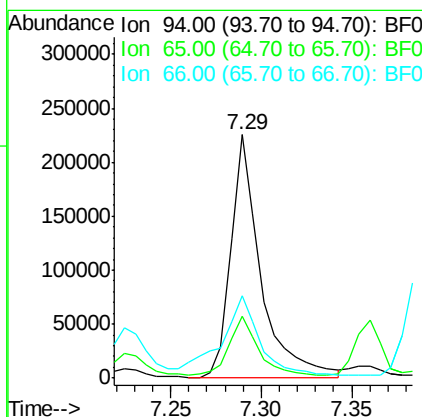
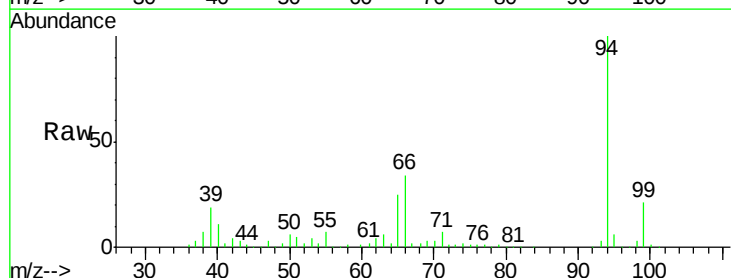
RT: 7.29 min Scan# 910

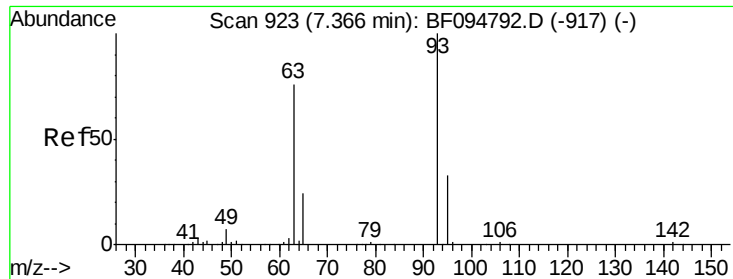
Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.5	9.9	49.9
66	34.0	23.1	63.1





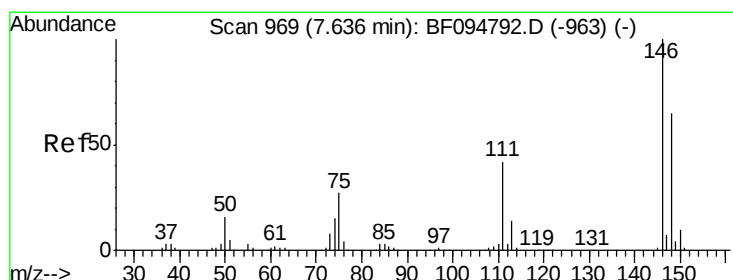
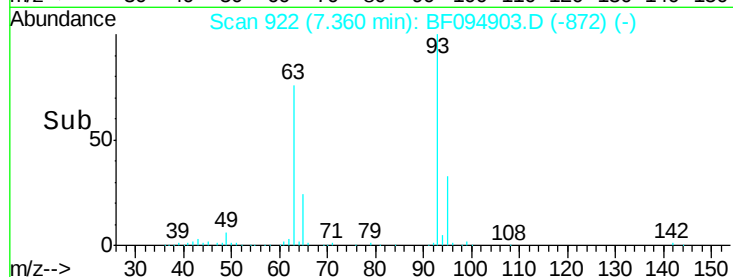
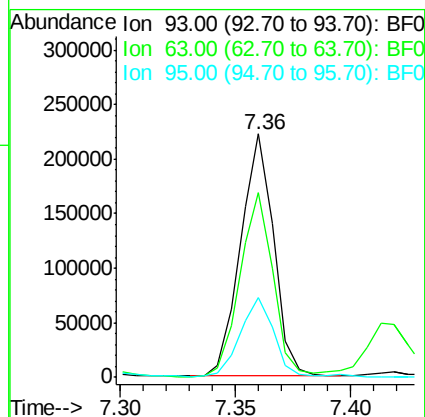
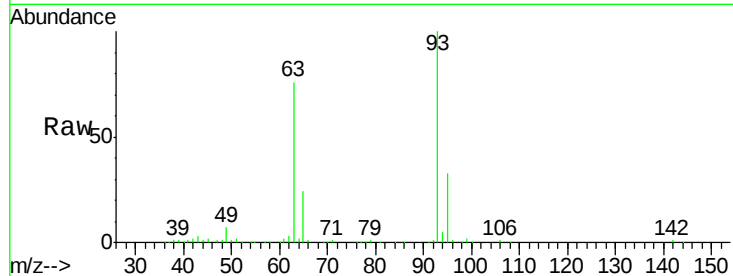
#11
bis(2-Chloroethyl)ether
Concen: 42.53 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	75.8	59.2	99.2
95	32.7	12.8	52.8

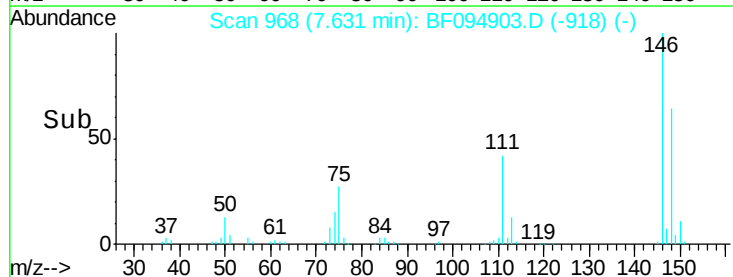
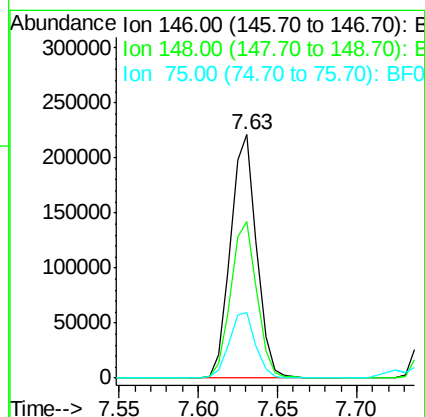
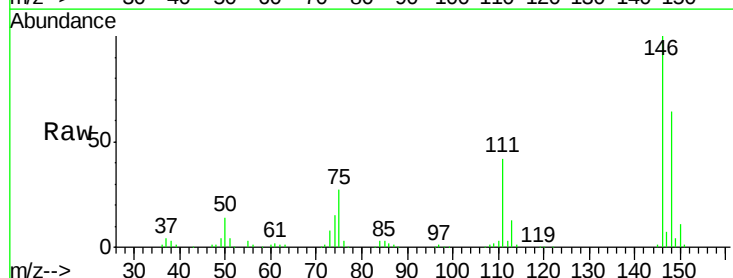
Manual Integrations
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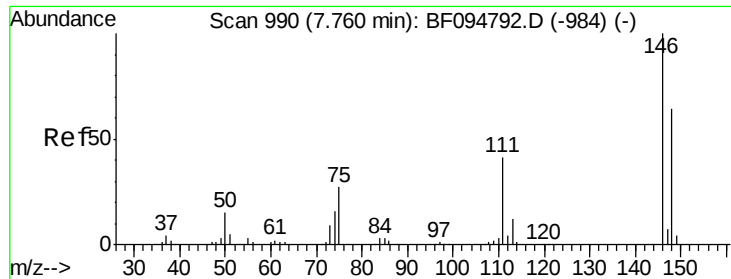
mohammad
5/5/2017 5:23:50 PM



#12
1,3-Dichlorobenzene
Concen: 38.71 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.1	51.8	77.6
75	26.8	23.1	34.7





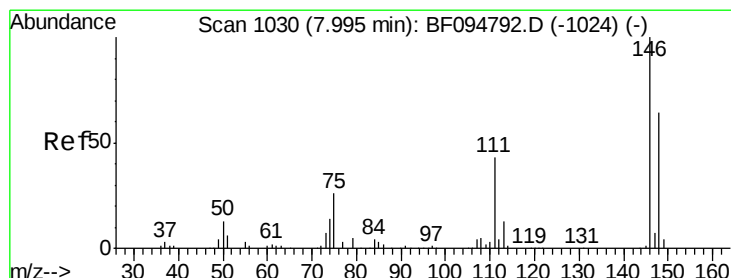
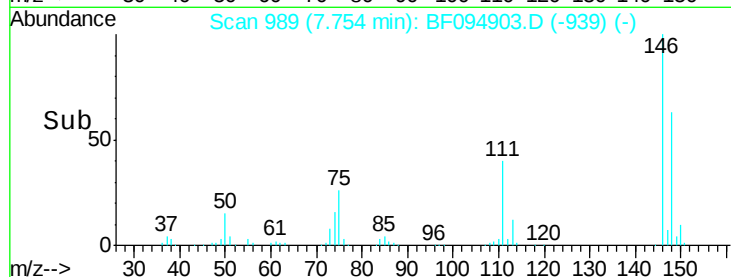
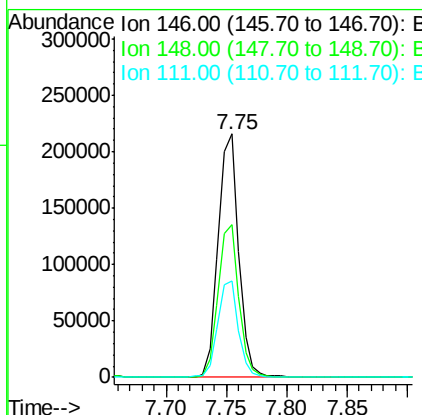
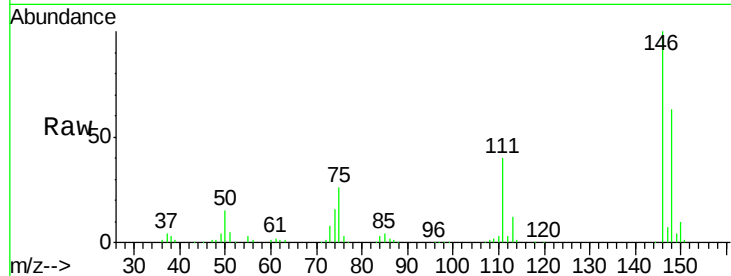
#13
 1,4-Dichlorobenzene
 Concen: 38.40 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	252902		
148	63.0	52.2	78.2	
111	39.5	30.3	45.5	

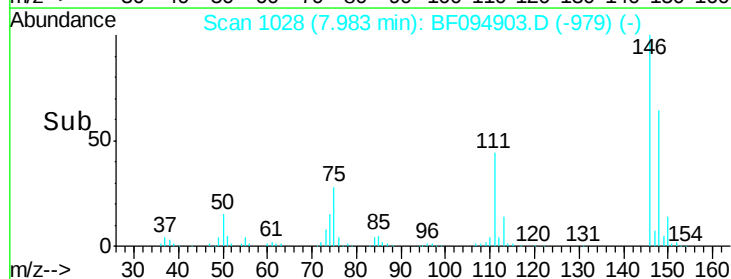
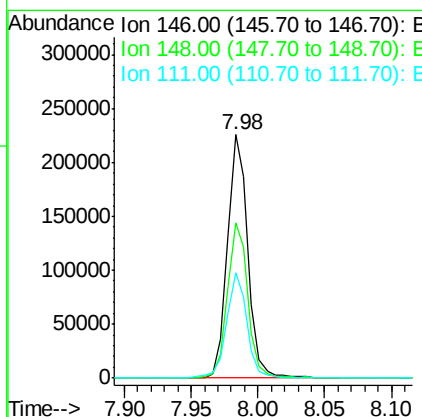
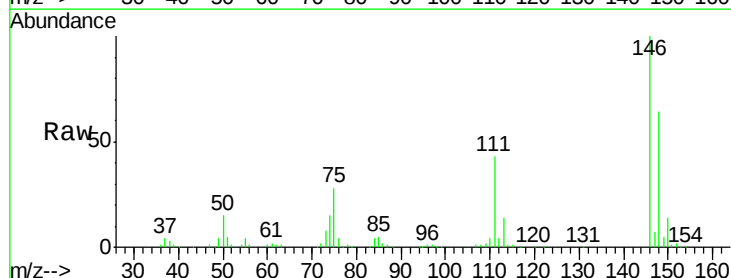
Manual Integrations
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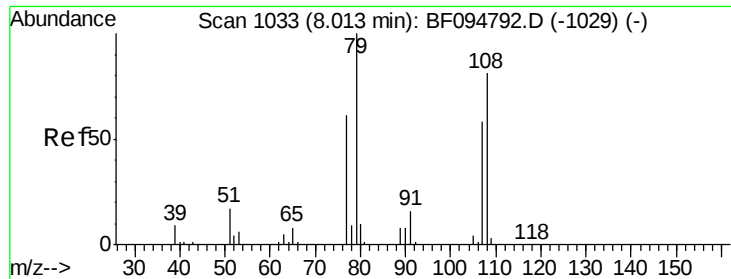
mohammad
 5/5/2017 5:23:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.59 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	243393		
148	63.7	50.4	75.6	
111	43.5	38.2	57.4	





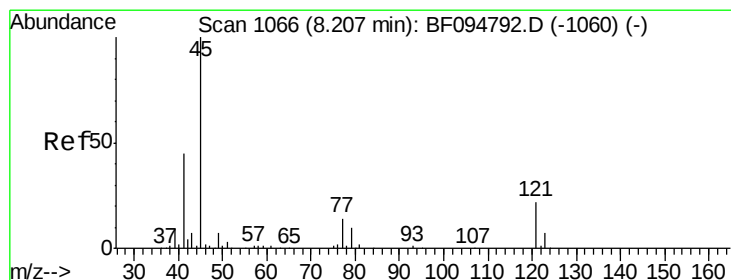
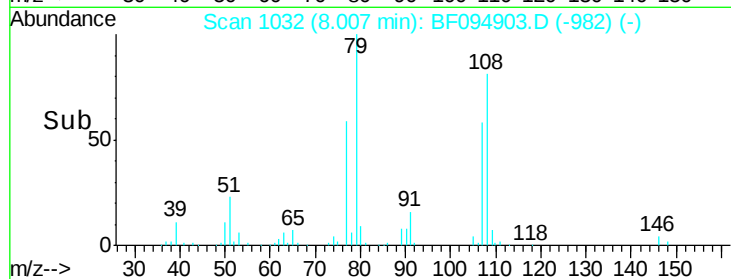
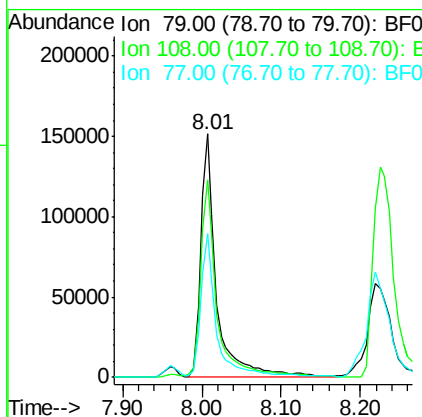
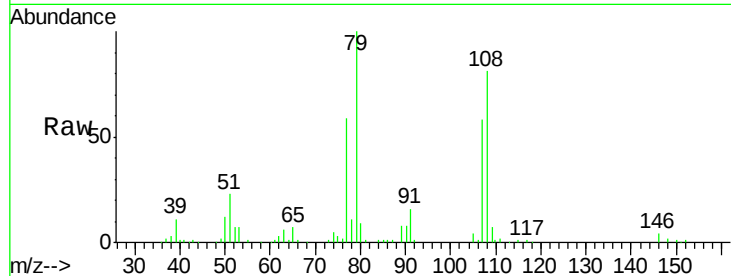
#15
Benzyl Alcohol
Concen: 54.66 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	212198		
108	81.0	63.4	95.0	
77	58.8	49.2	73.8	

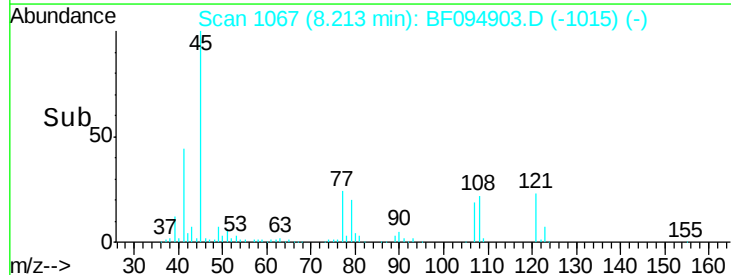
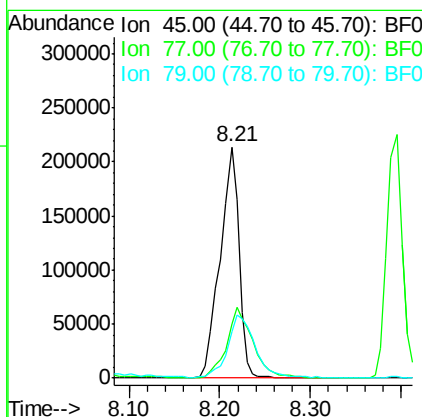
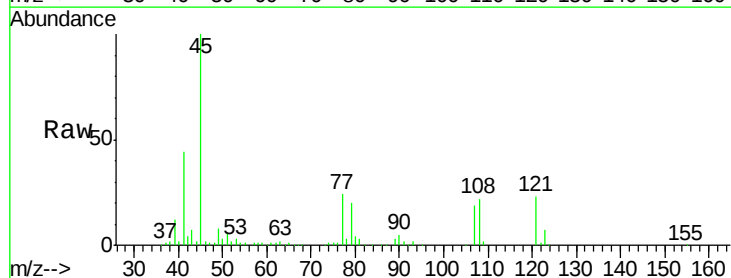
Manual Integrations
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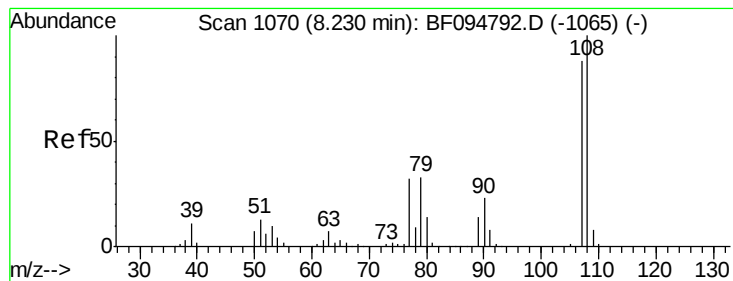
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.72 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	310036		
77	23.5	0.0	33.2	
79	20.1	0.0	30.0	





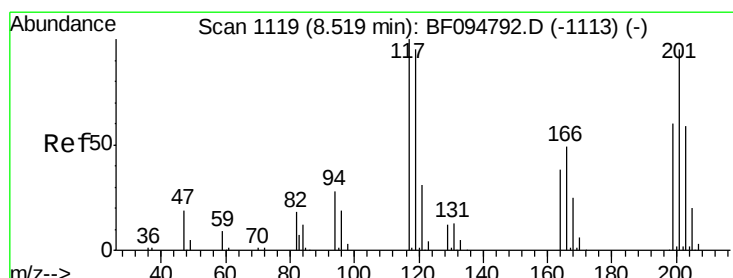
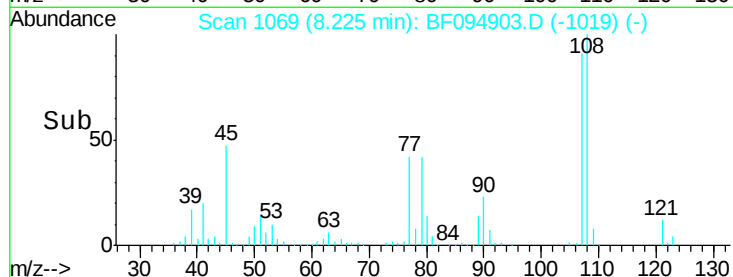
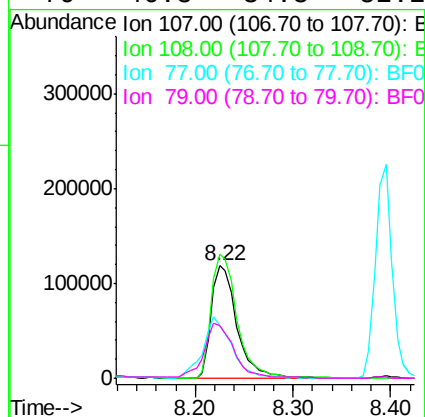
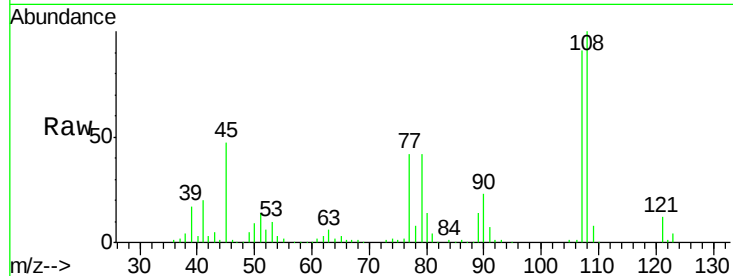
#17
2-Methylphenol
Concen: 46.46 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	217701		
108	110.3	93.4	140.0	
77	46.4	35.8	53.6	
79	46.8	34.8	52.2	

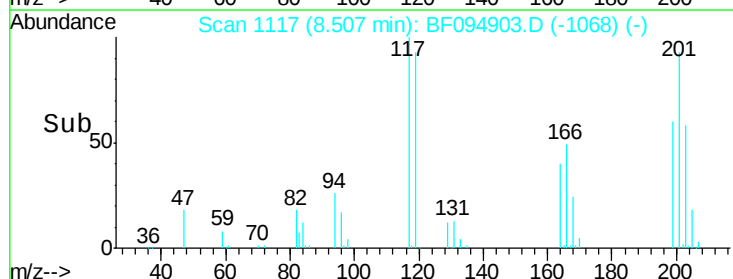
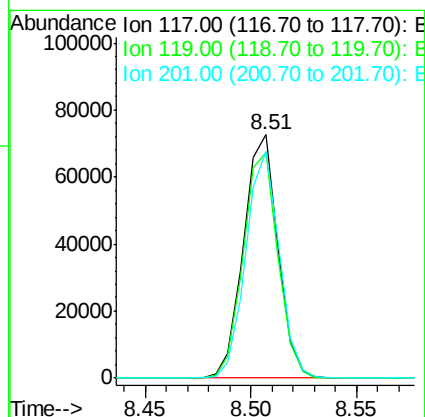
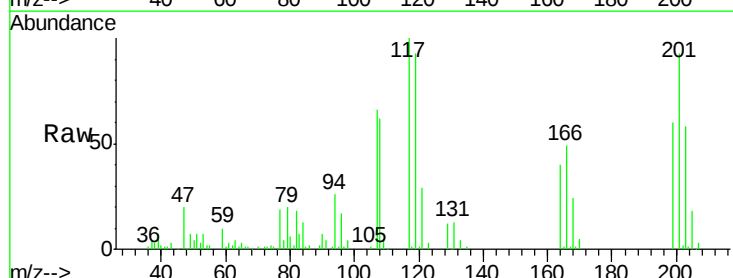
Manual Integrations
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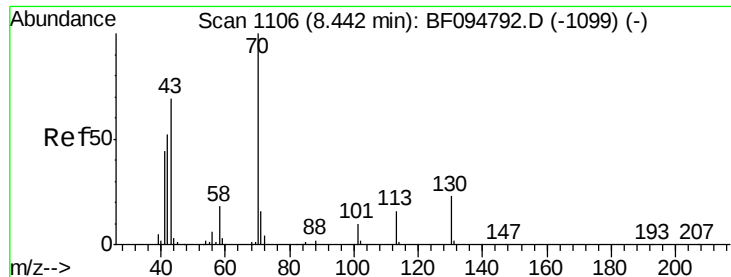
mohammad
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#18
Hexachloroethane
Concen: 36.77 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82044		
119	92.7	77.4	116.0	
201	93.5	94.6	141.8#	





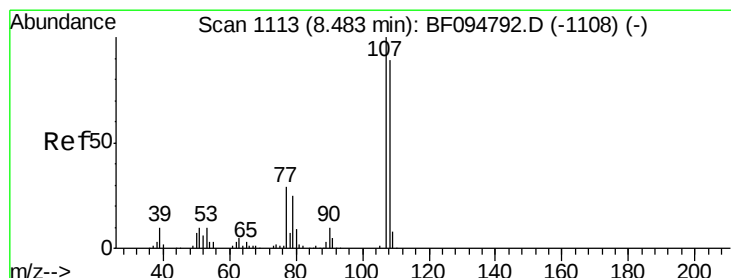
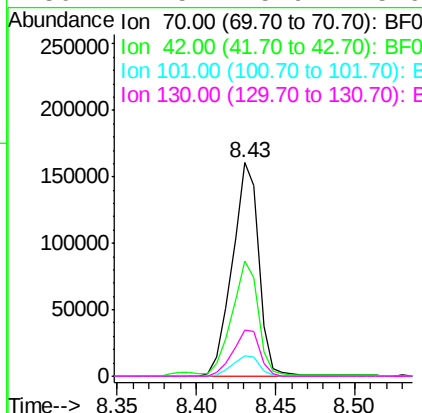
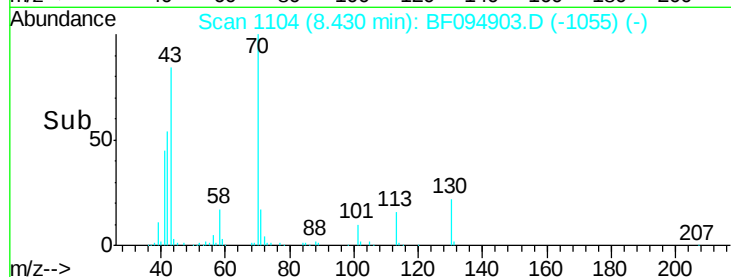
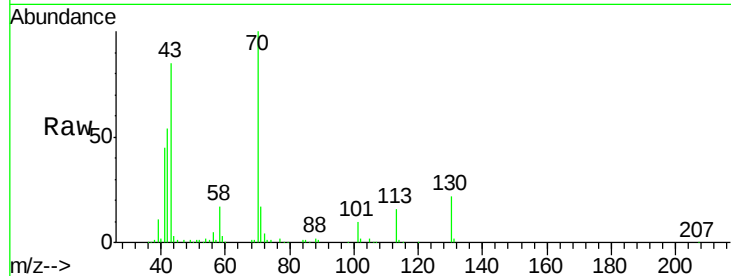
#19
n-Nitroso-di-n-propylamine
Concen: 45.68 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	186455		
42	54.2	47.2	70.8	
101	9.8	7.2	10.8	
130	21.5	15.9	23.9	

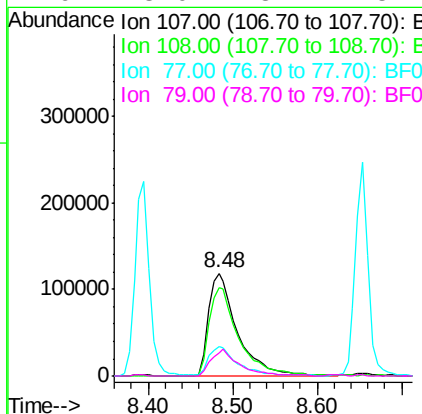
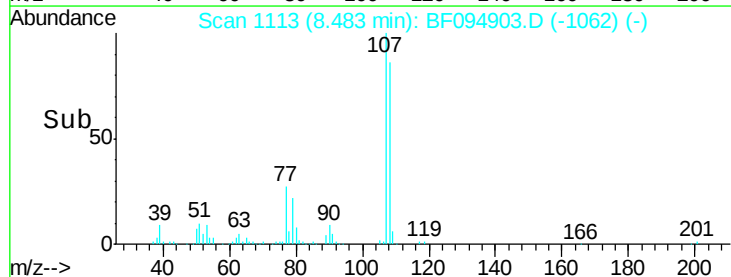
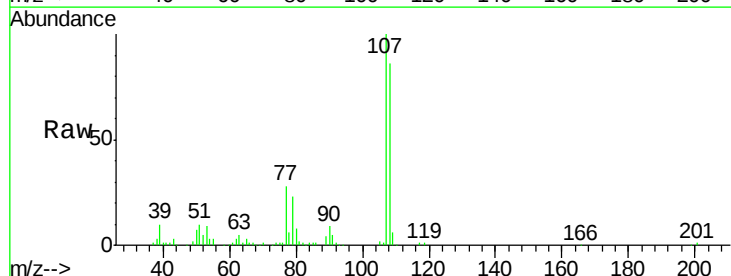
Manual Integrations
APPROVED

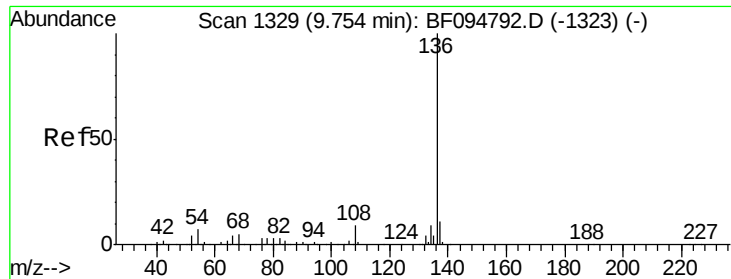
mohammad
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#20
3+4-Methylphenols
Concen: 44.81 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	285335		
108	86.3	71.0	111.0	
77	28.4	90.5	130.5	
79	23.0	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: BF094903.D

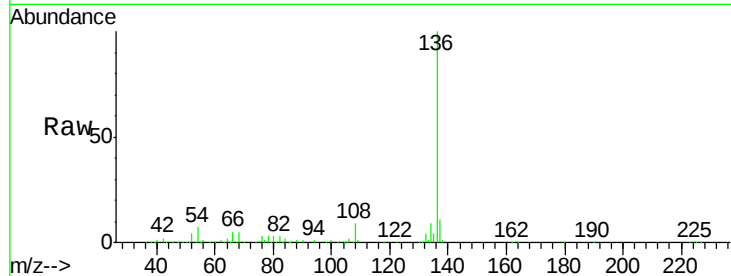
Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

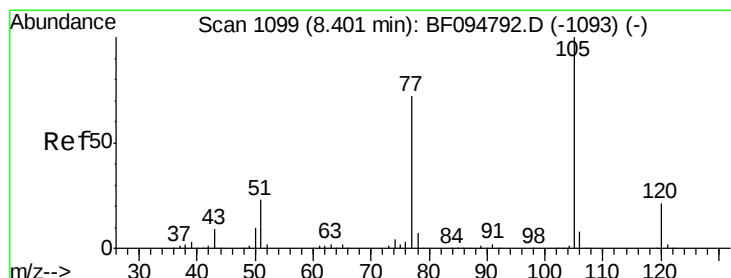
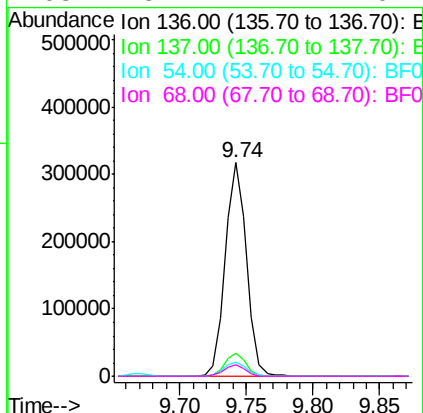
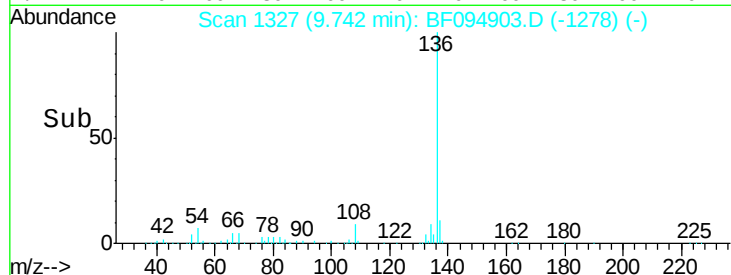
TP-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	354849		
137	10.8	8.5	12.7	
54	6.5	4.9	7.3	
68	5.4	4.1	6.1	

Manual Integrations
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#22

Acetophenone

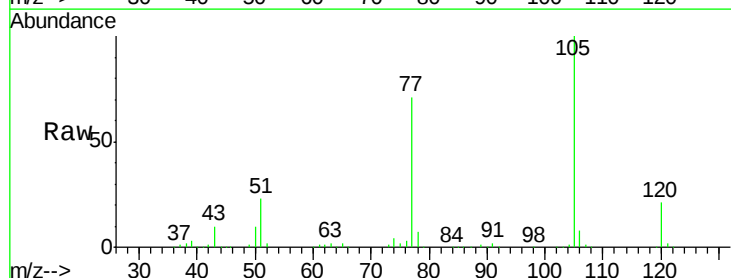
Concen: 43.55 ng

RT: 8.40 min Scan# 1098

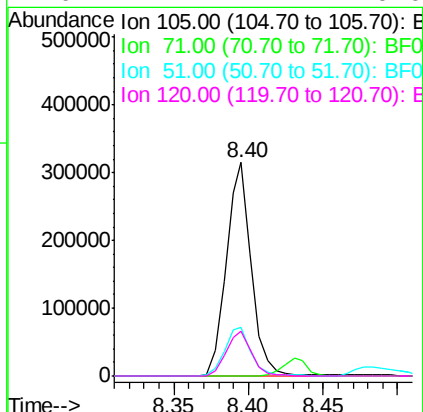
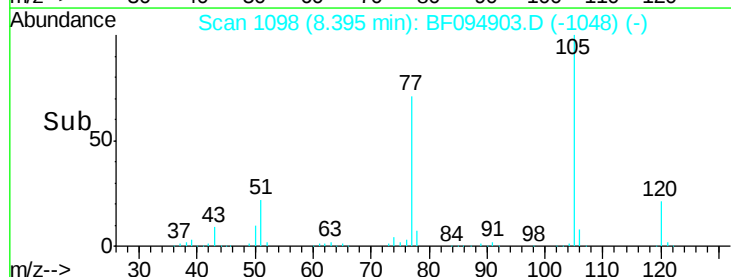
Delta R.T. -0.01 min

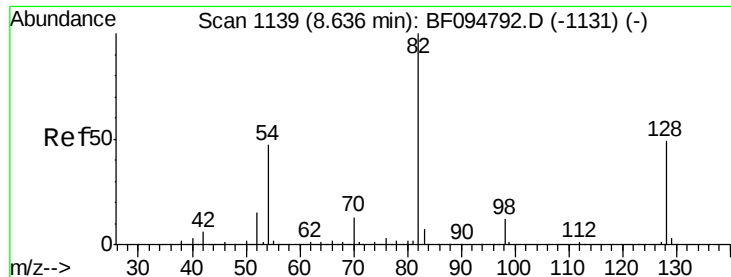
Lab File: BF094903.D

Acq: 5 May 2017 7:28



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	370792		
71	0.0	2.8	4.2#	
51	22.5	30.7	46.1#	
120	21.1	17.4	26.0	





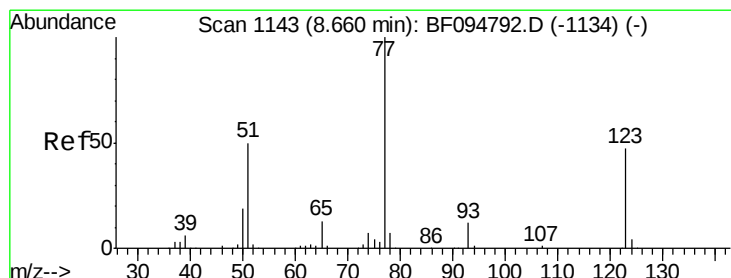
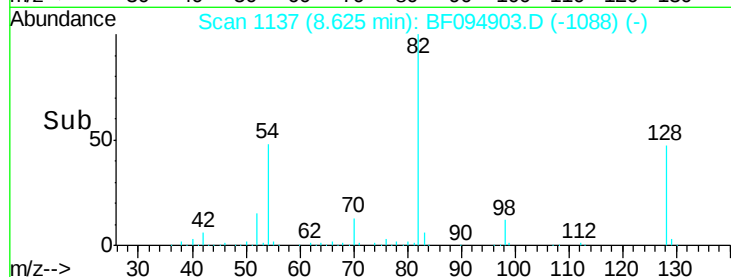
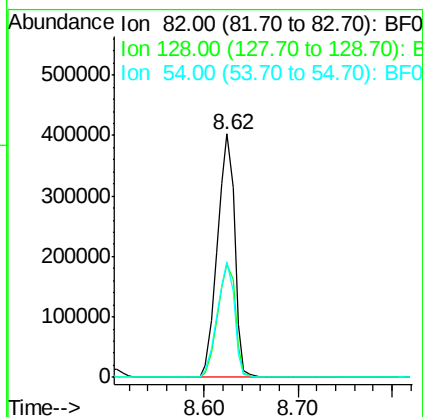
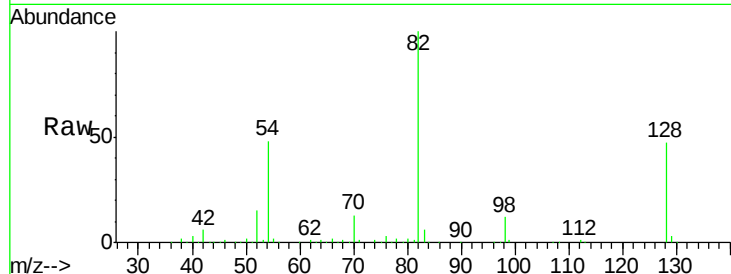
#23
 Nitrobenzene-d5
 Concen: 92.52 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.7	42.2	63.2

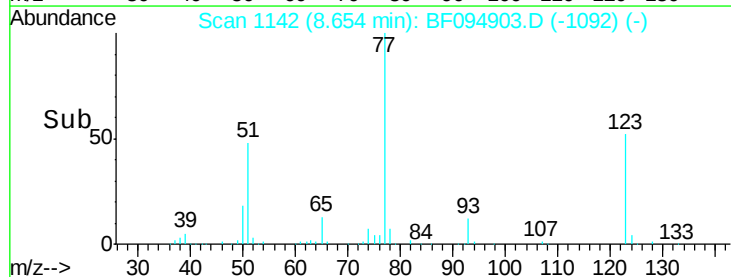
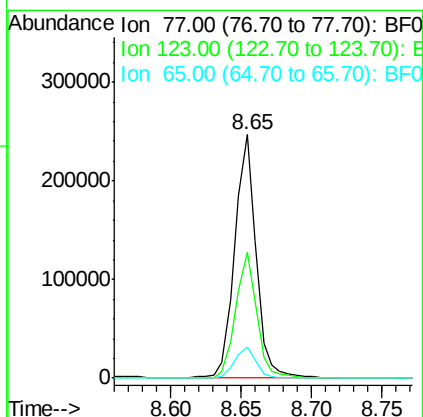
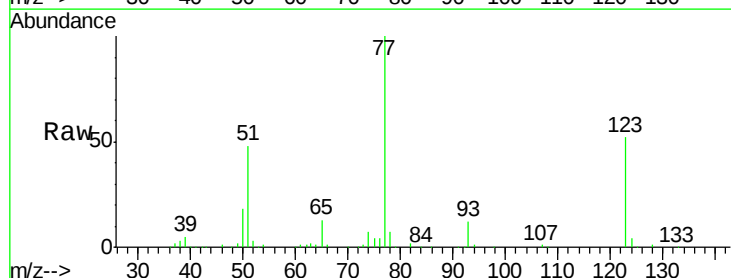
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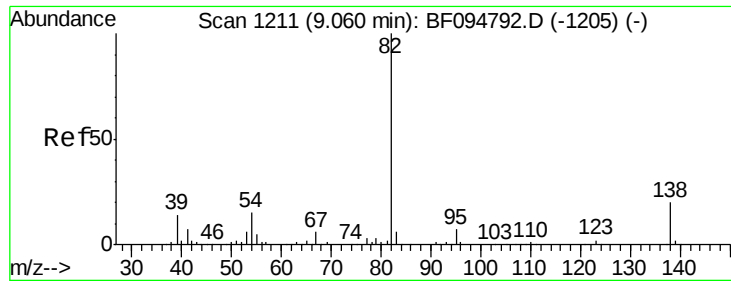
mohammad
 5/5/2017 5:23:50 PM



#24
 Nitrobenzene
 Concen: 43.72 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.8	53.8
65	12.9	10.6	15.8





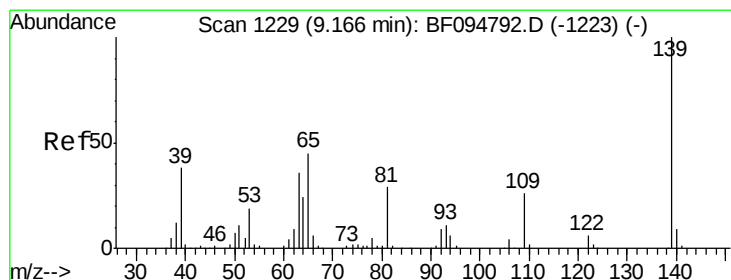
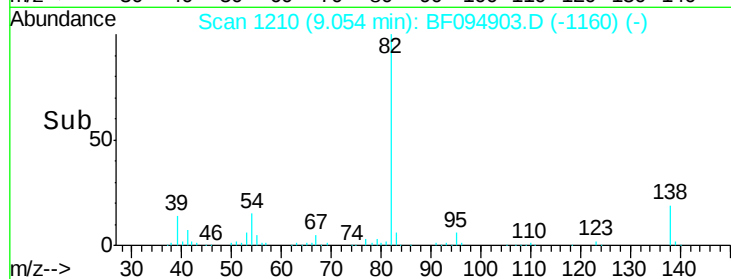
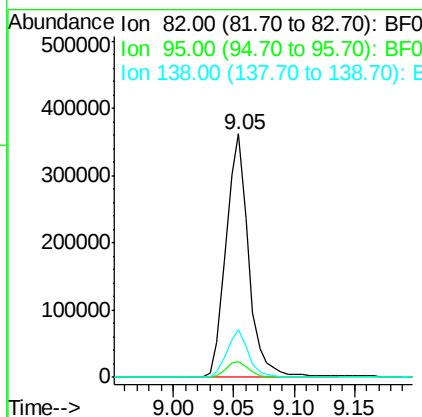
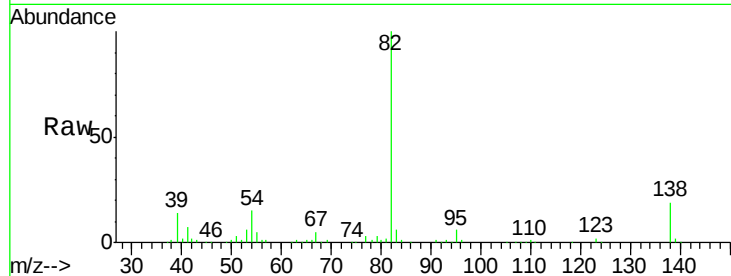
#25
Isophorone
Concen: 46.91 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	471339		
95	6.4	5.3	7.9	
138	19.4	13.1	19.7	

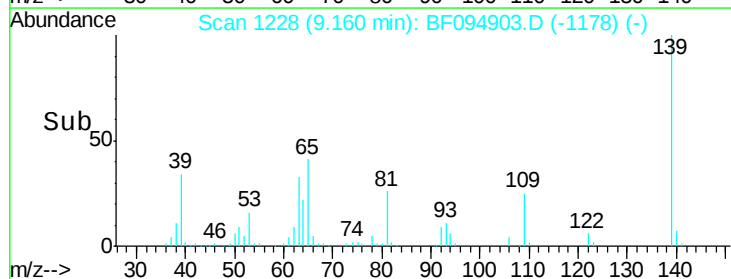
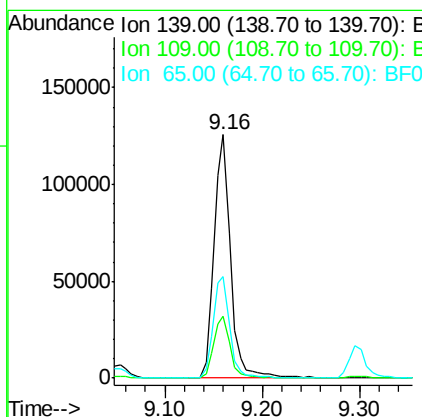
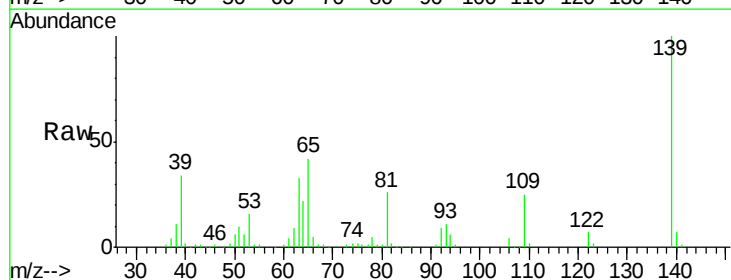
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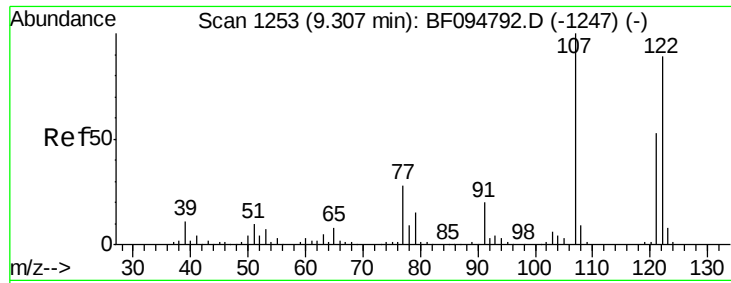
mohammad
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#26
2-Nitrophenol
Concen: 46.24 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	147174		
109	25.4	21.0	31.6	
65	41.7	33.0	49.6	





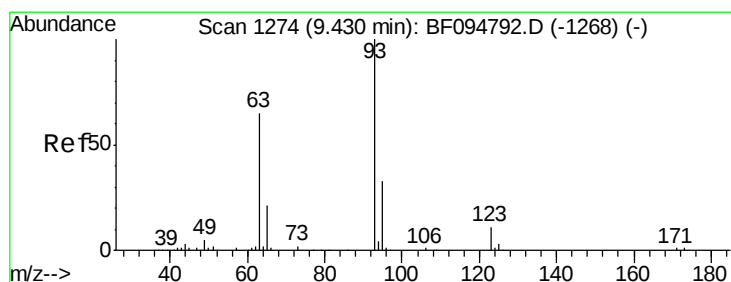
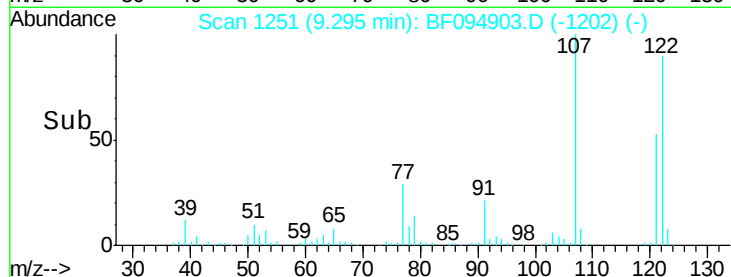
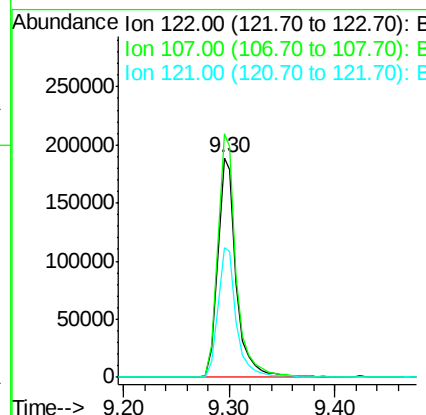
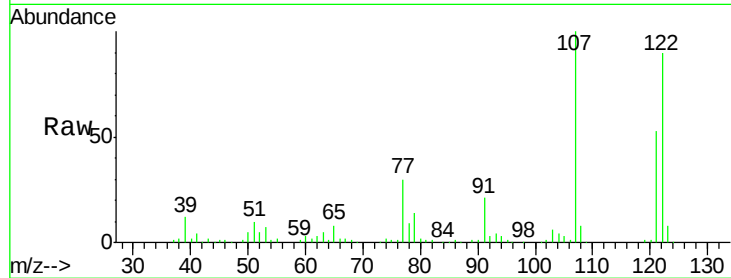
#27
 2,4-Dimethylphenol
 Concen: 45.67 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	235016		
107	111.0	89.2	133.8	
121	59.3	45.2	67.8	

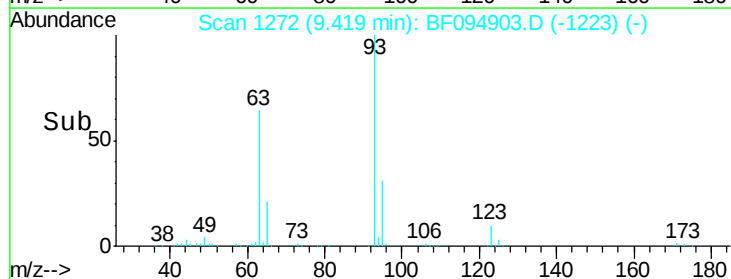
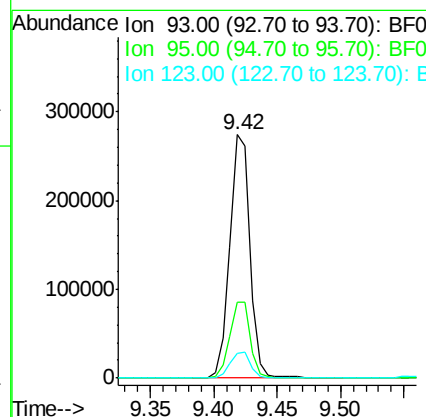
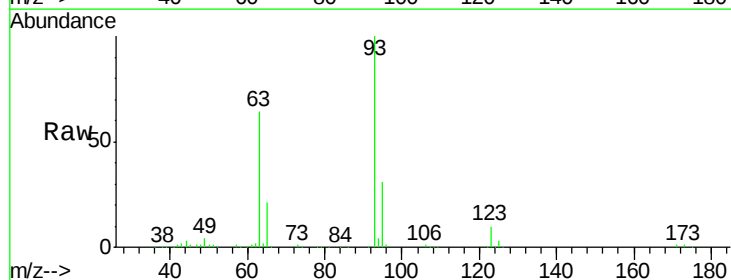
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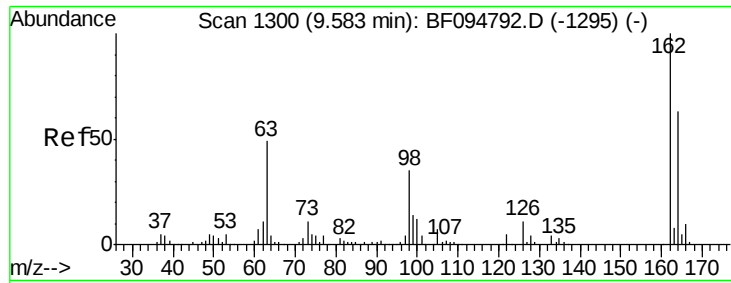
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.36 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	301419		
95	31.1	26.5	39.7	
123	10.4	9.0	13.4	





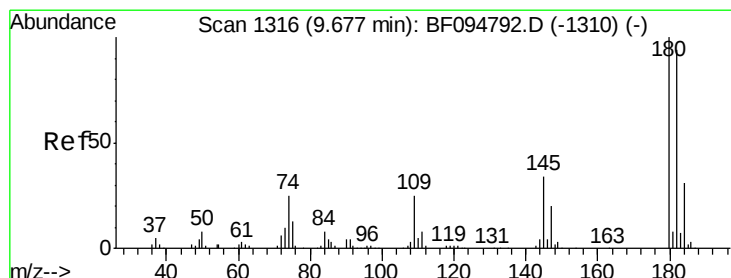
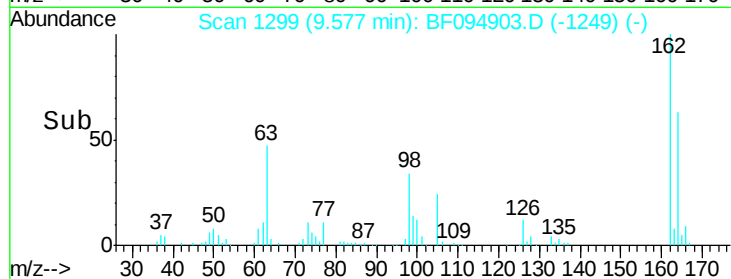
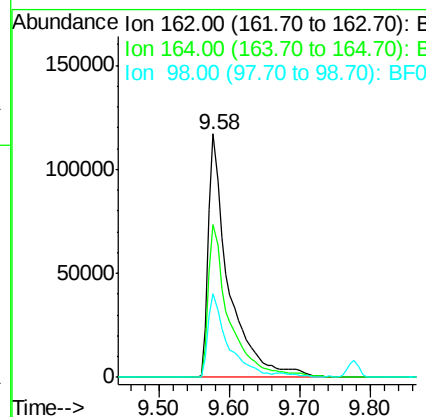
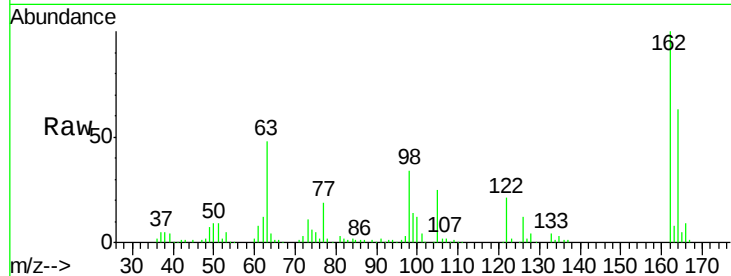
#29
 2,4-Dichlorophenol
 Concen: 48.14 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:	162	Resp:	233910
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.6	84.6
98	34.4	14.8	54.8

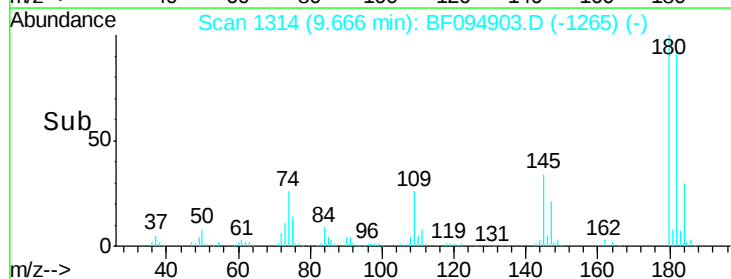
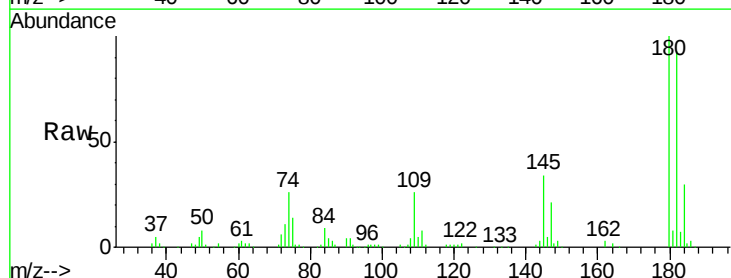
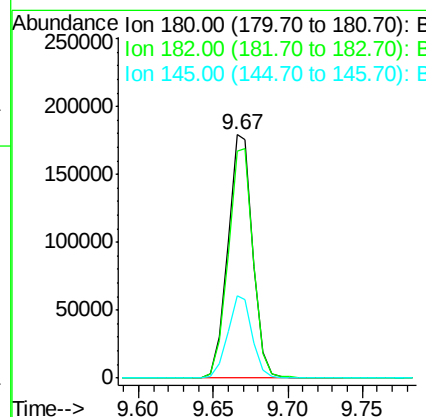
Manual Integrations
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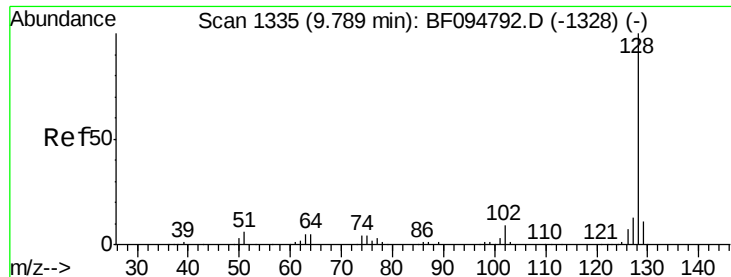
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion:	180	Resp:	211365
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.8	113.6
145	33.8	25.3	37.9





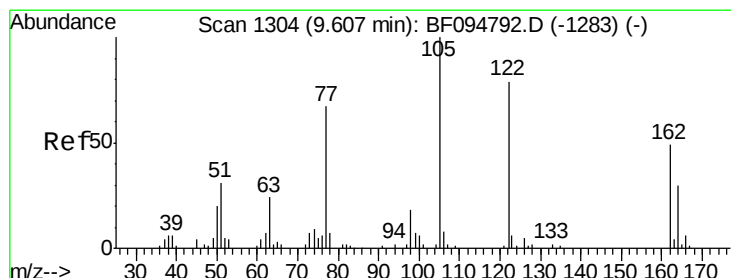
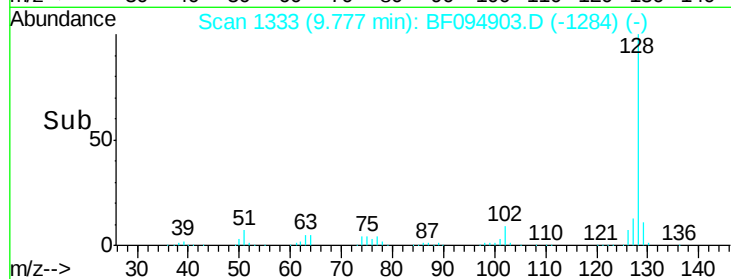
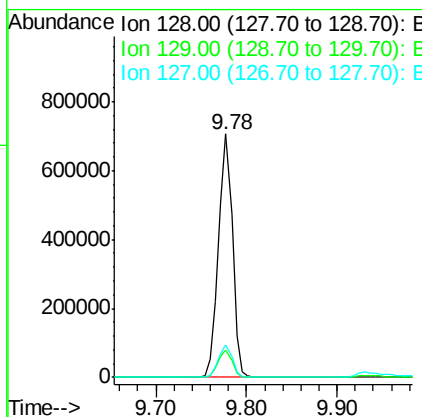
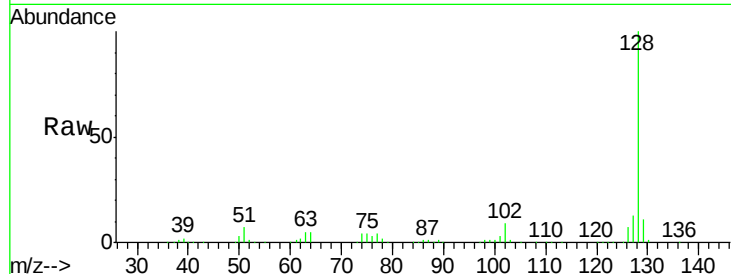
#31
Naphthalene
Concen: 41.95 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

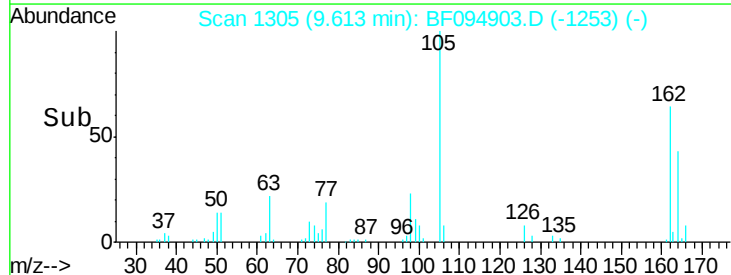
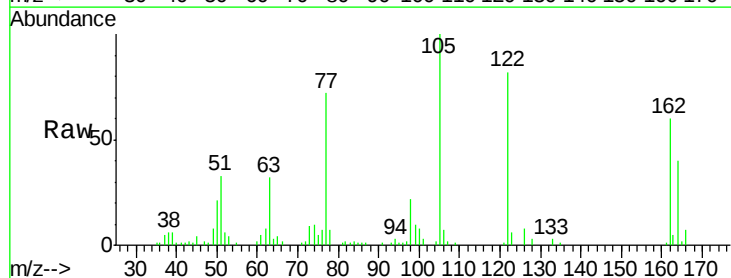
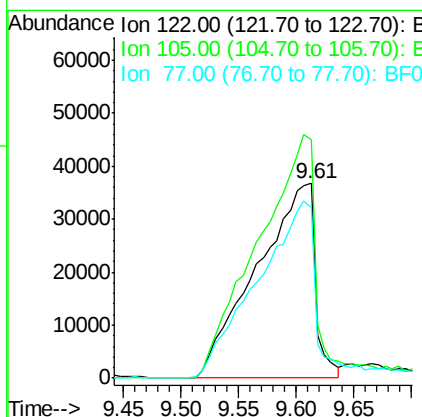
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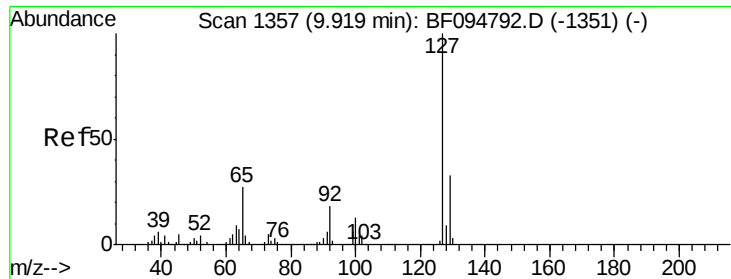
mohammad
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#32
Benzoic acid
Concen: 39.20 ng
RT: 9.61 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	122.3	103.3	143.3
77	87.6	73.7	113.7





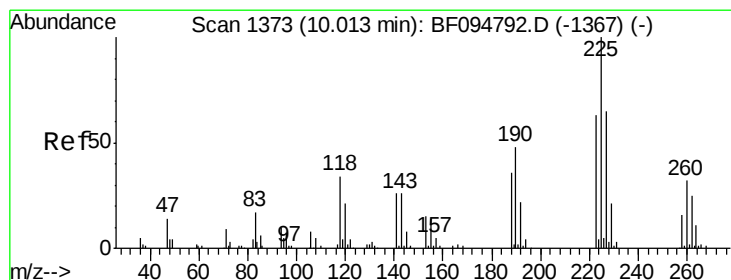
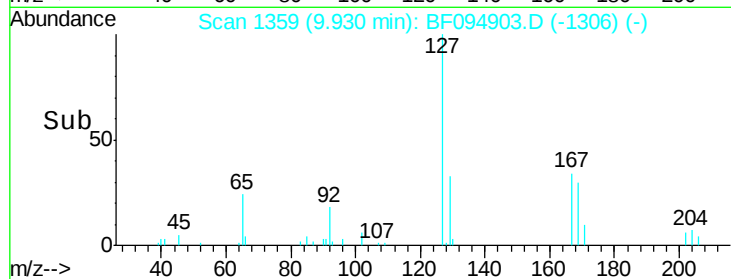
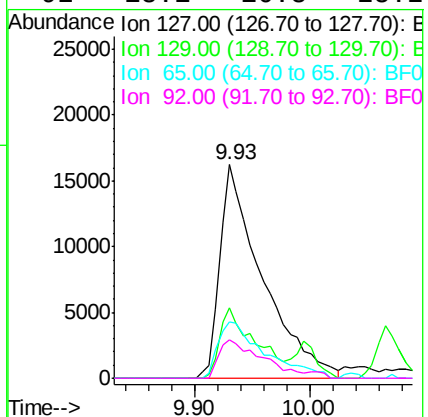
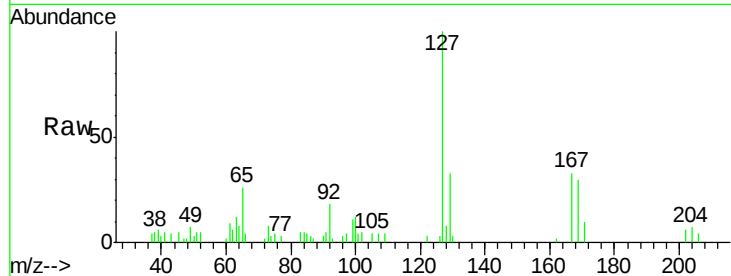
#33
 4-Chloroaniline
 Concen: 6.23 ng
 RT: 9.93 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.7	26.2	39.2
65	26.1	27.8	41.8#
92	18.1	16.8	25.2

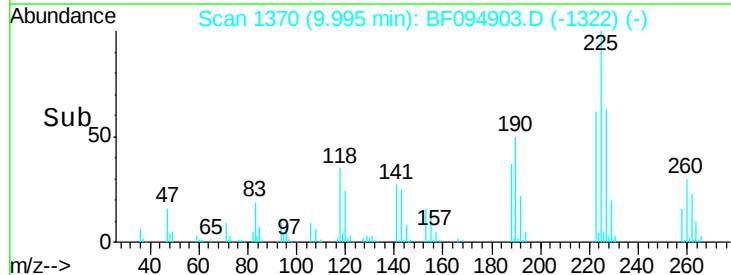
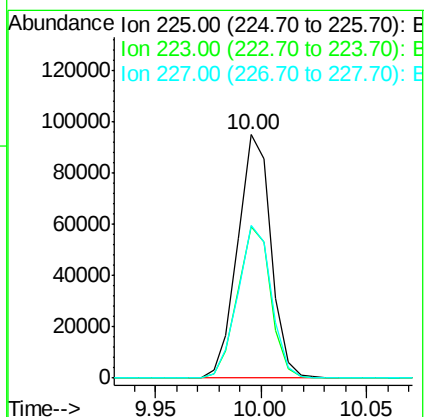
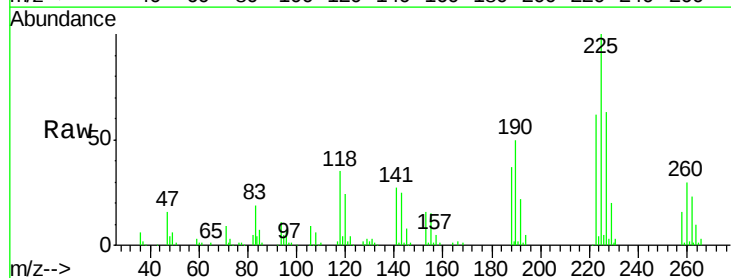
Manual Integrations
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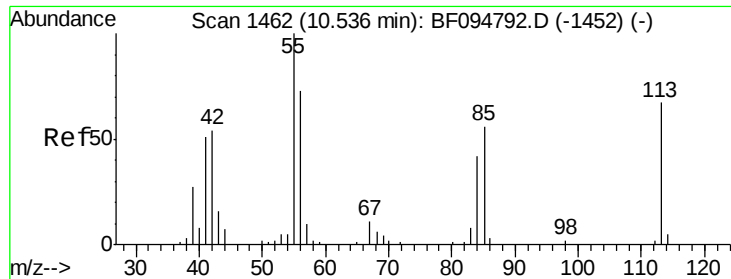
mohammad
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#34
 Hexachlorobutadiene
 Concen: 37.73 ng
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.4	48.8	73.2
227	62.8	51.1	76.7





#35

Caprolactam

Concen: 43.53 ng m

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

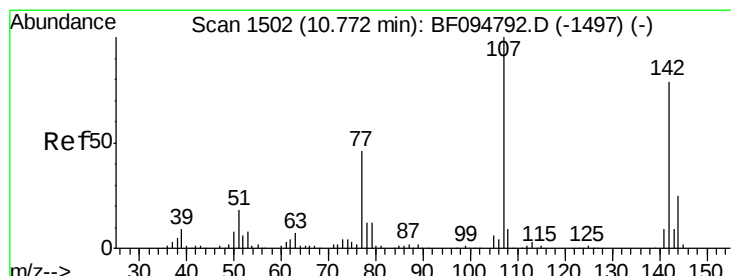
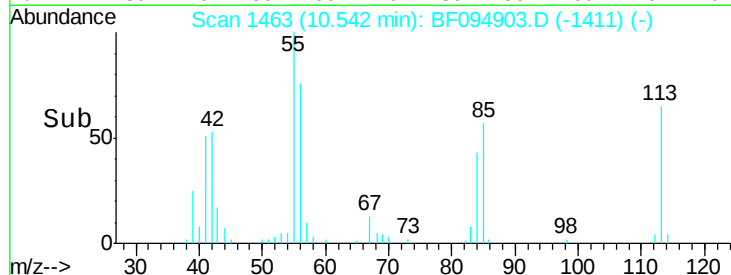
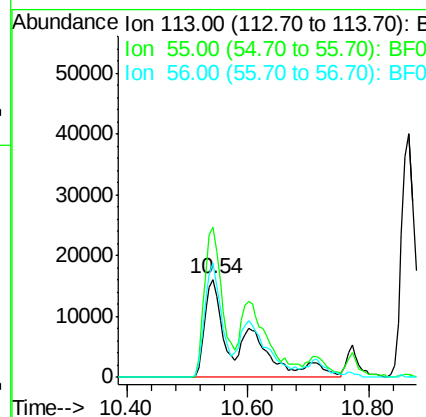
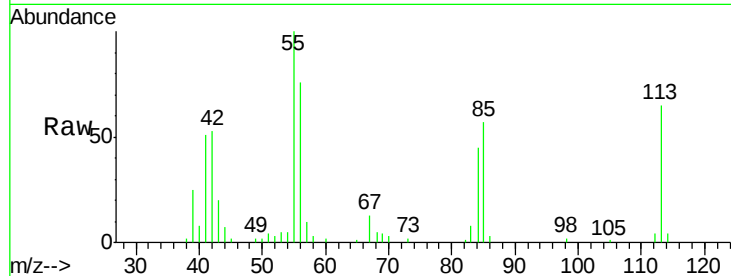
ClientSampleId :

TP-1MSD

Tgt Ion:113 Resp: 63514
 Ion Ratio Lower Upper
 113 100
 55 153.5 150.2 190.2
 56 116.6 107.8 147.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 49.07 ng

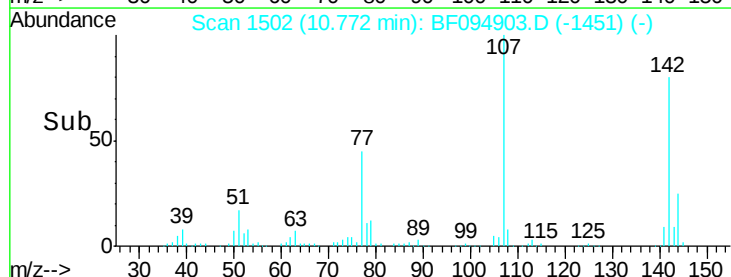
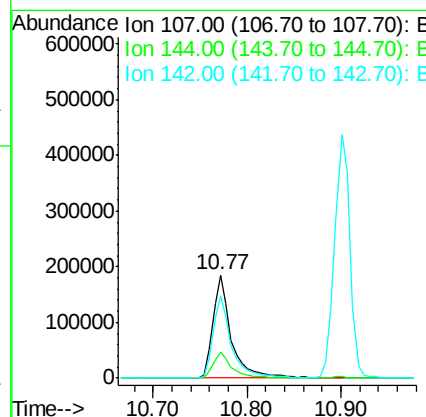
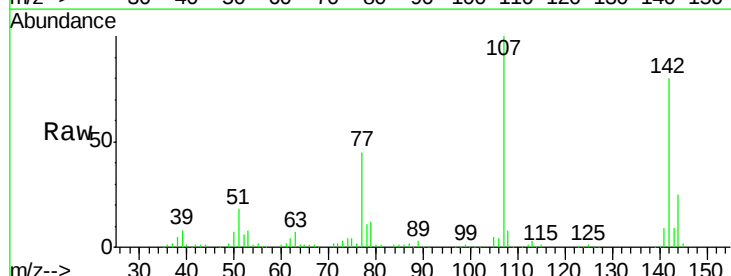
RT: 10.77 min Scan# 1502

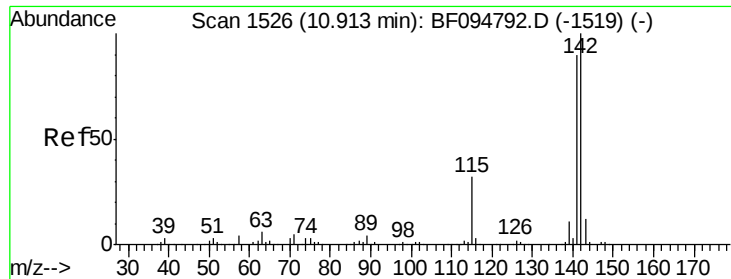
Delta R.T. 0.00 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Tgt Ion:107 Resp: 254916
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 80.3 73.4 110.0





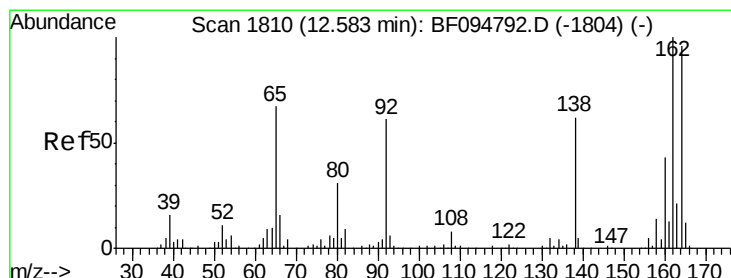
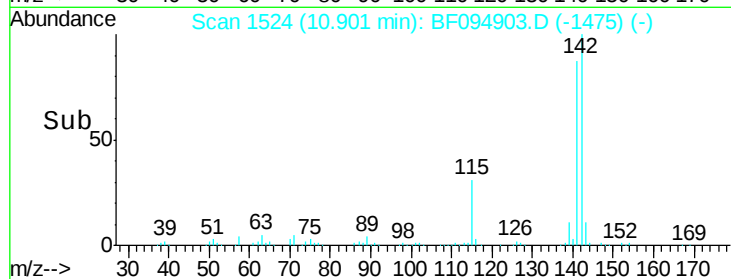
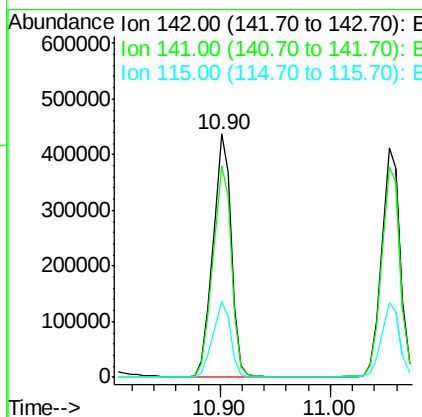
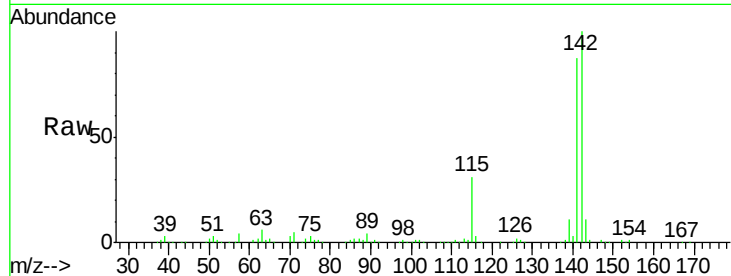
#37
2-Methylnaphthalene
Concen: 42.56 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.3	106.9
115	31.0	27.1	40.7

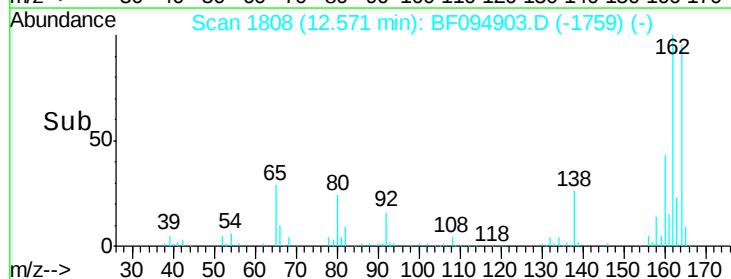
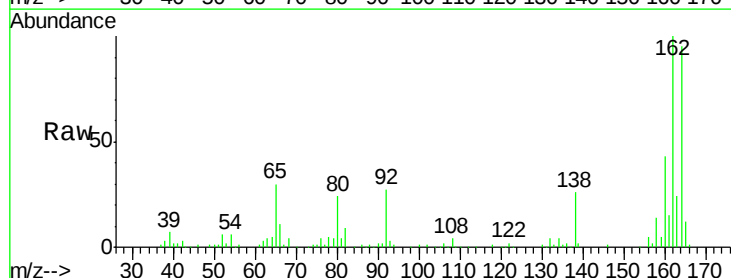
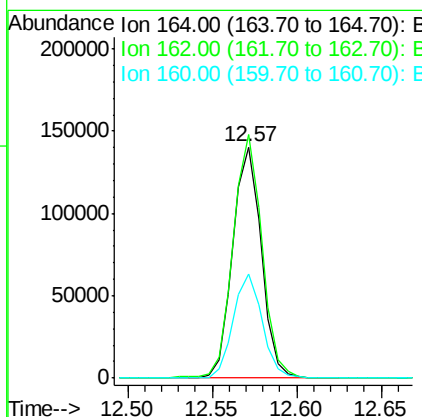
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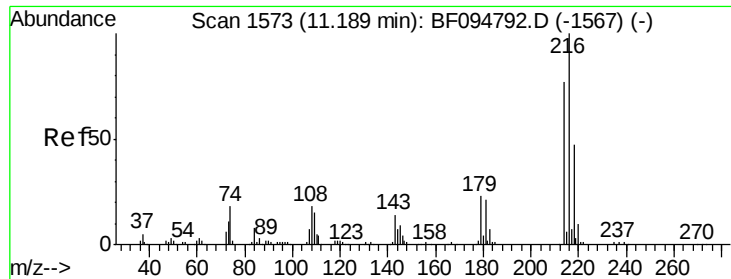
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	45.2	36.2	54.2





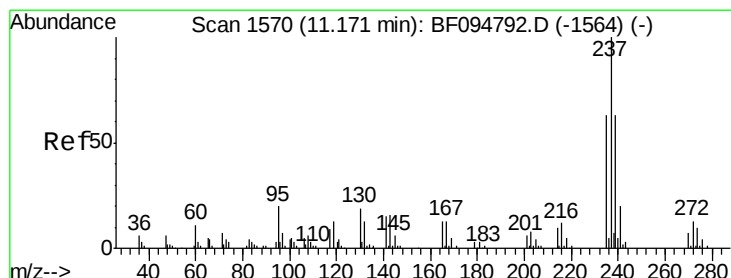
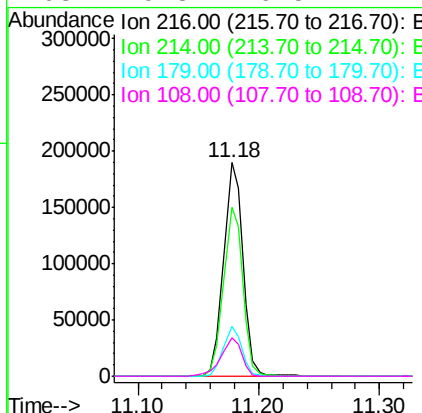
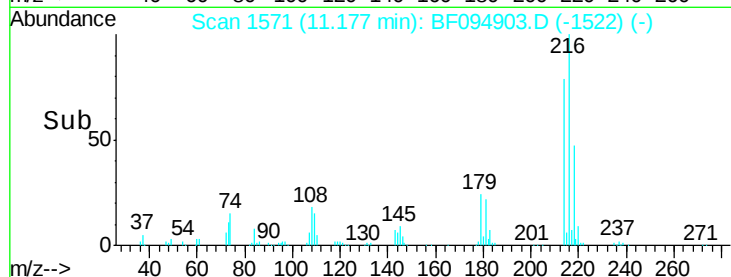
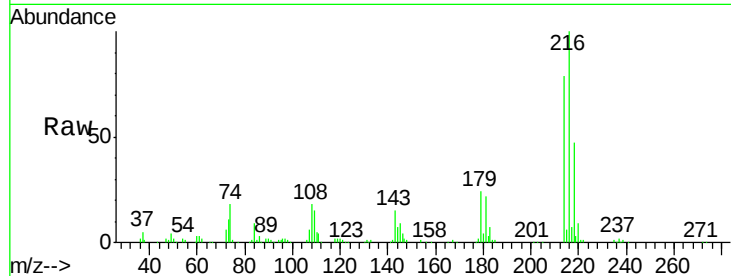
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.49 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	210093		
214	78.9	63.4	95.2	
179	22.5	17.9	26.9	
108	19.3	16.5	24.7	

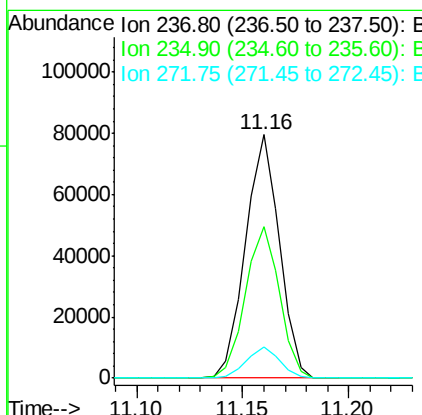
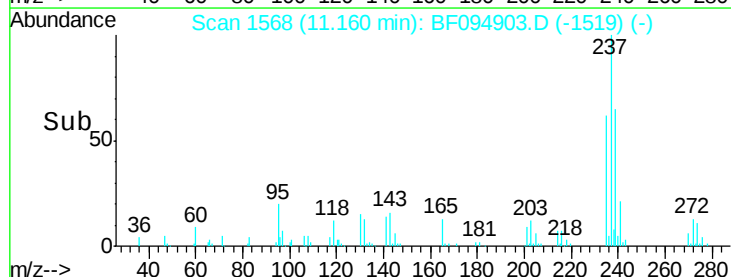
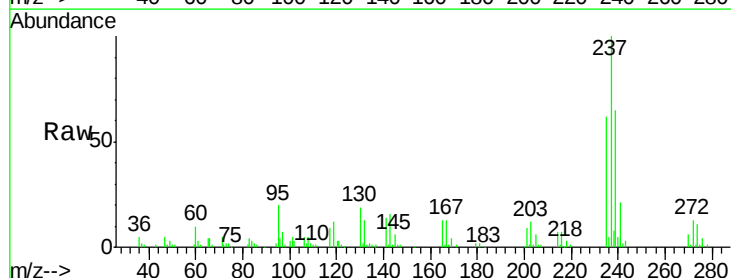
Manual Integrations
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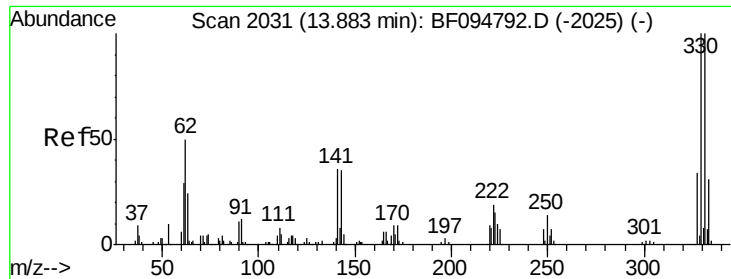
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#40
 Hexachlorocyclopentadiene
 Concen: 44.52 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	88568		
235	62.1	42.6	82.6	
272	12.7	0.0	31.9	





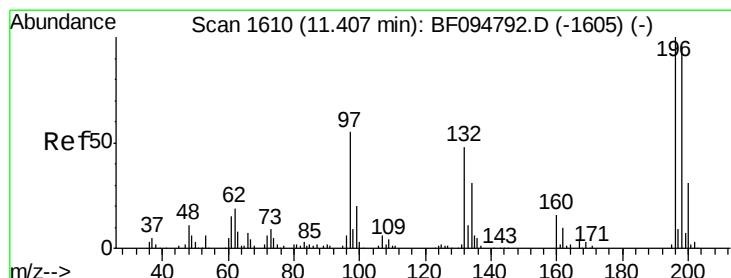
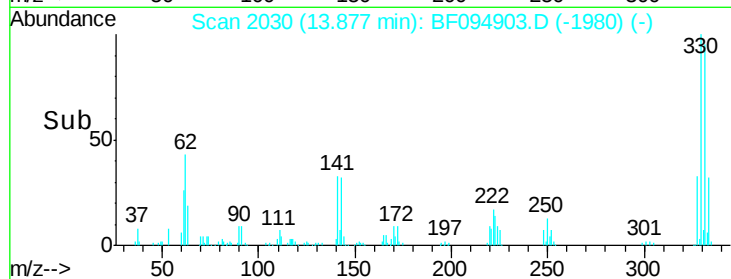
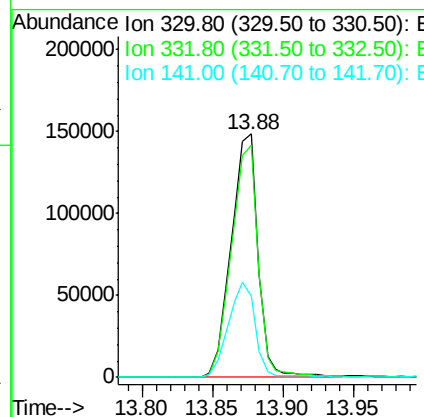
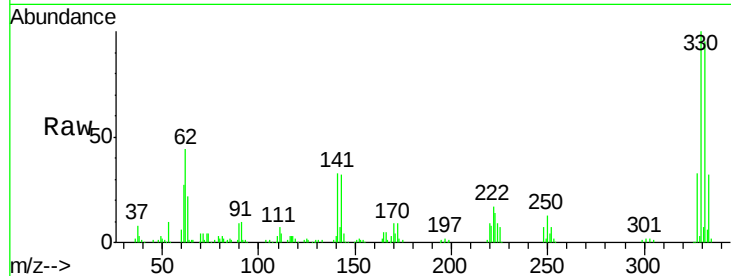
#41
 2,4,6-Tribromophenol
 Concen: 146.50 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	197529		
332	95.5	76.6	115.0	
141	39.2	31.4	47.2	

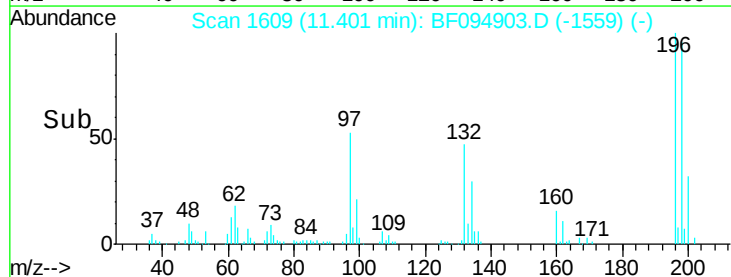
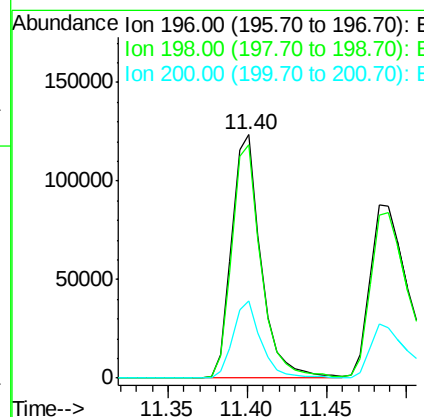
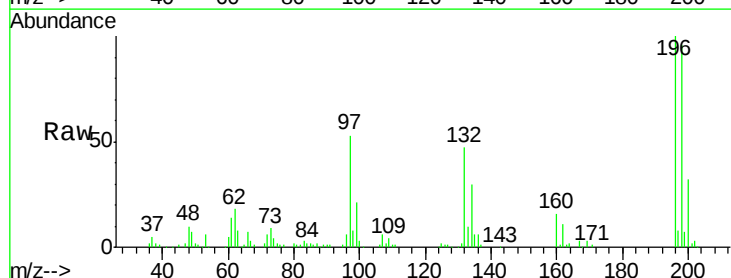
Manual Integrations
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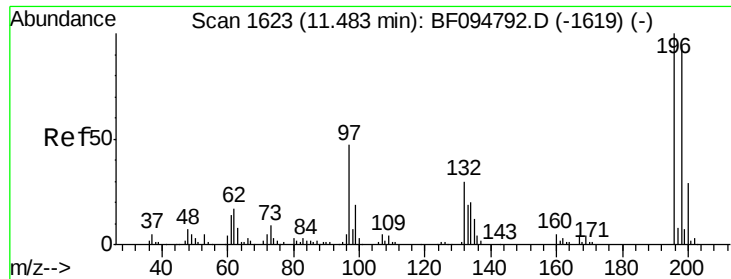
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 46.92 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158628		
198	95.9	74.2	111.4	
200	31.8	24.0	36.0	





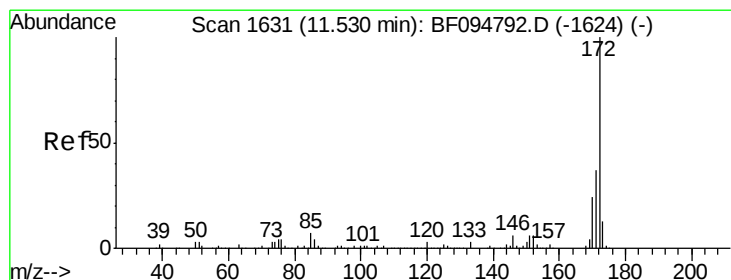
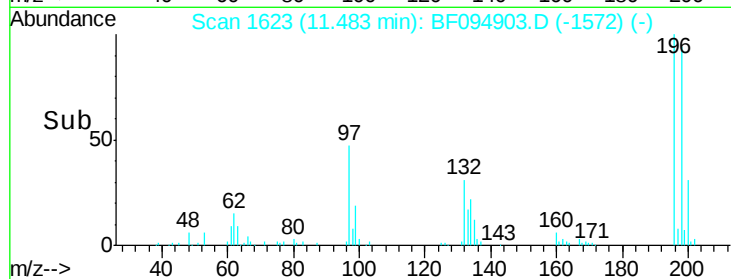
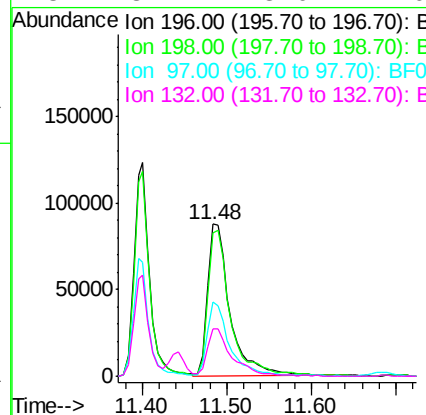
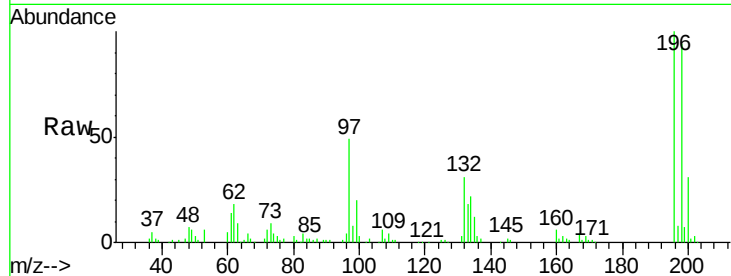
#43
 2,4,5-Trichlorophenol
 Concen: 45.08 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163808		
198	93.9	75.7	113.5	
97	48.9	47.7	71.5	
132	31.4	28.0	42.0	

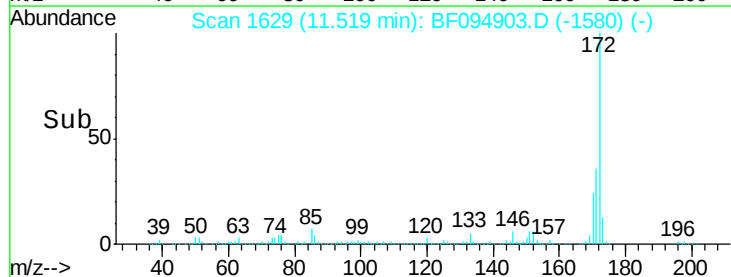
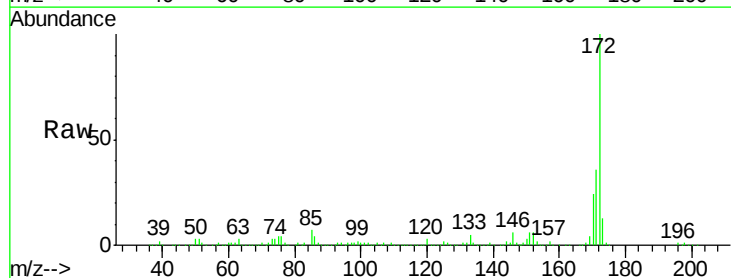
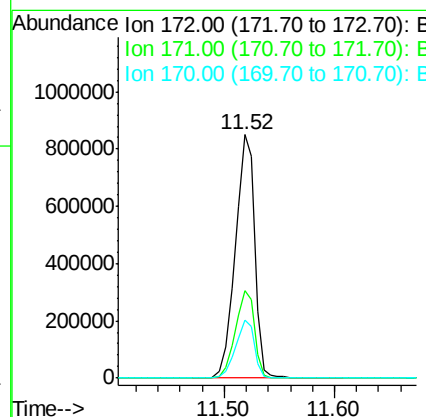
Manual Integrations
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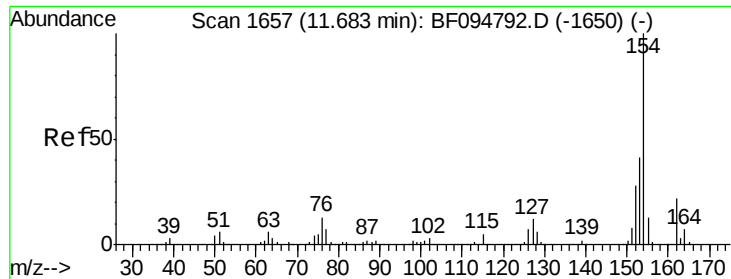
mohammad
 5/5/2017 5:23:50 PM



#44
 2-Fluorobiphenyl
 Concen: 91.75 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1049501		
171	35.8	29.6	44.4	
170	23.6	19.8	29.8	





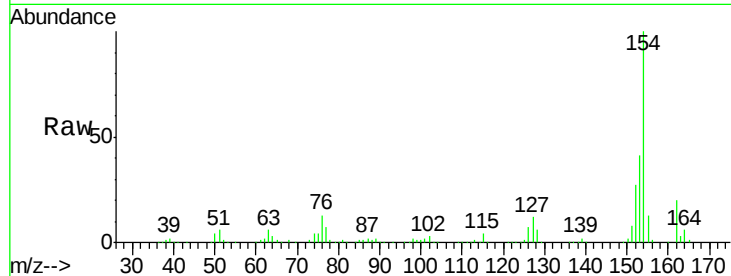
#45
 1,1'-Biphenyl
 Concen: 44.41 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

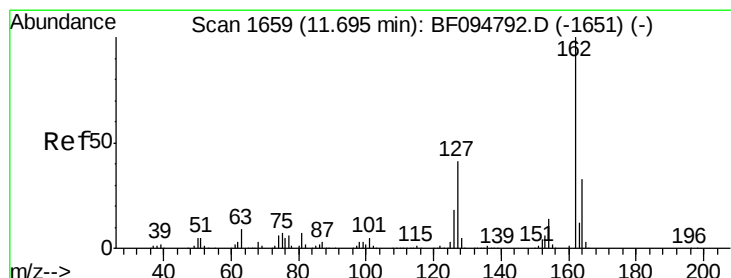
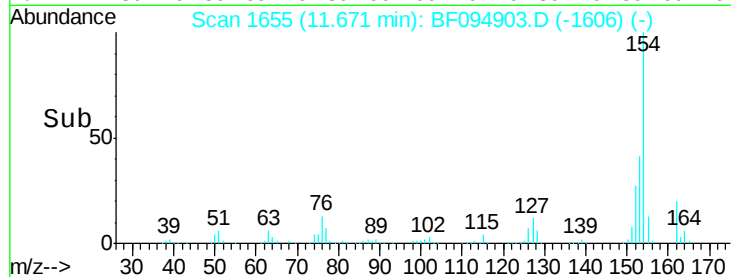
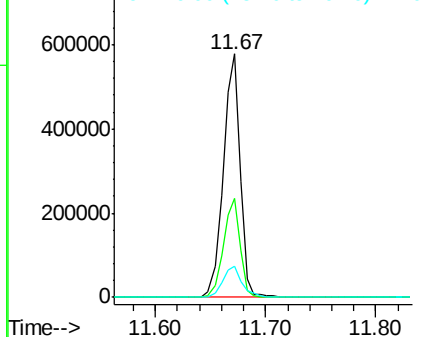
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	615551		
153	40.7	21.2	61.2	
76	12.7	0.0	29.9	

Manual Integrations
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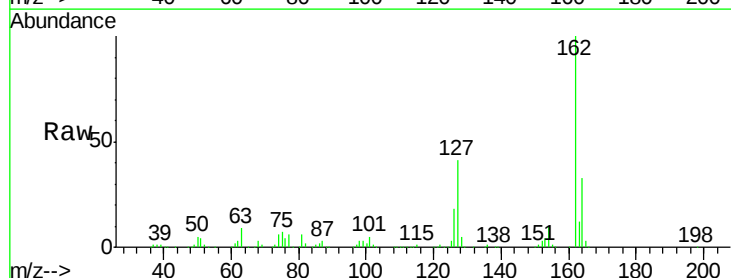


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

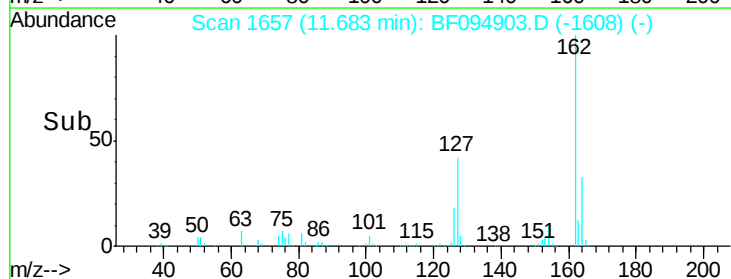
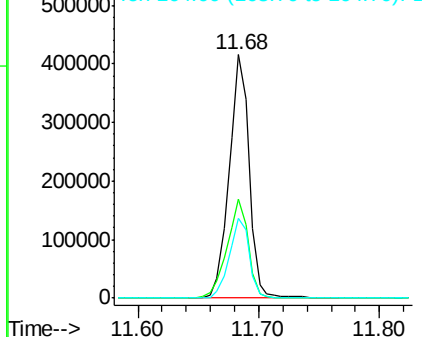


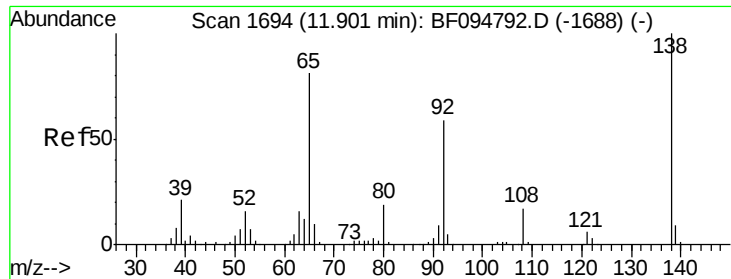
#46
 2-Chloronaphthalene
 Concen: 42.73 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	478271		
127	40.7	28.3	42.5	
164	32.7	27.0	40.4	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





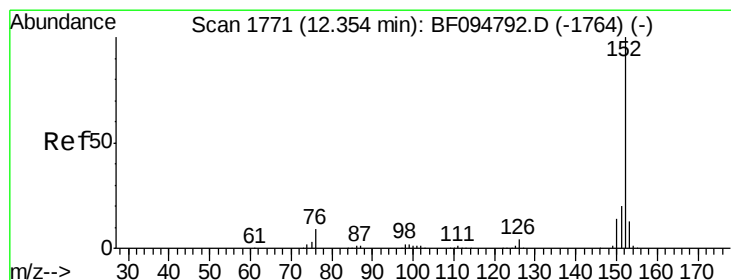
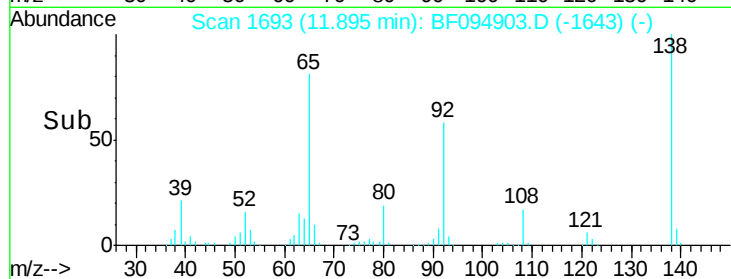
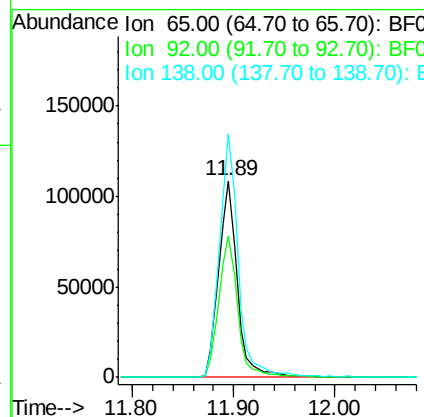
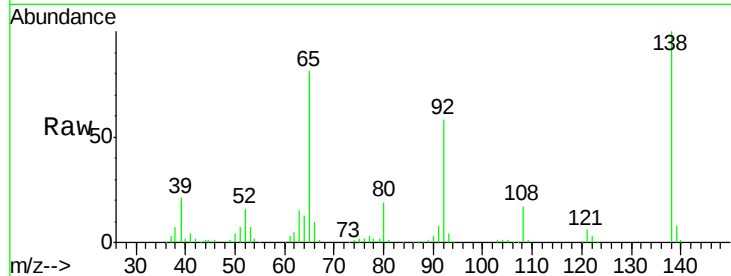
#47
 2-Nitroaniline
 Concen: 45.50 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.9	80.9
138	123.9	78.8	118.2

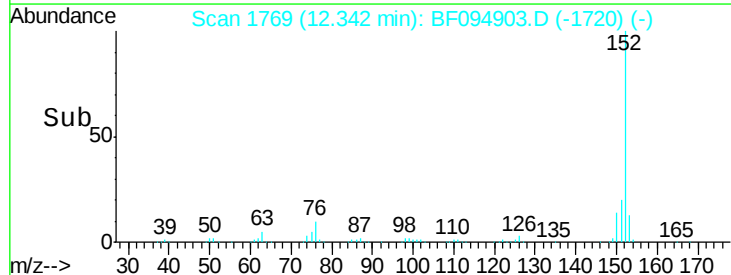
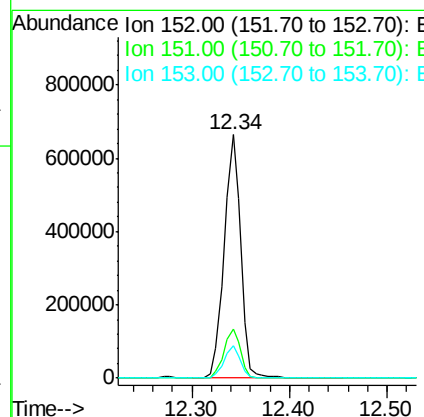
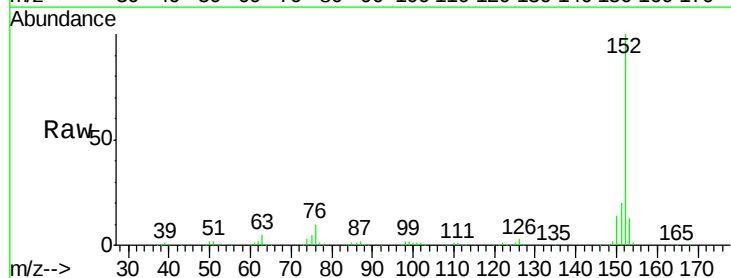
Manual Integrations
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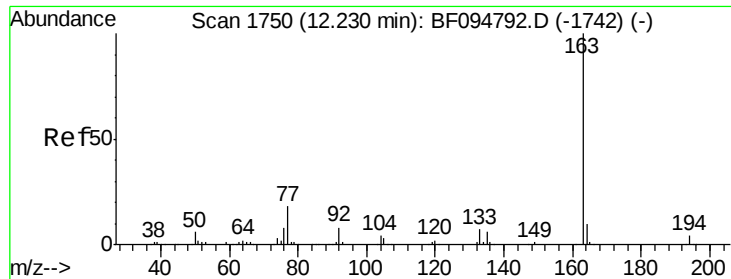
mohammad
 5/5/2017 5:23:50 PM



#48
 Acenaphthylene
 Concen: 44.37 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.1	10.8	16.2





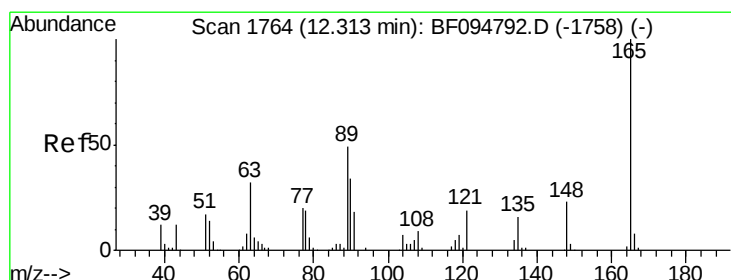
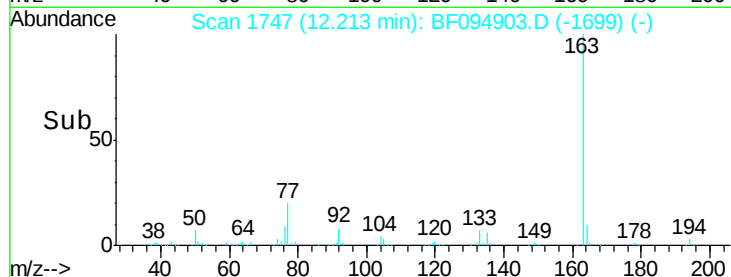
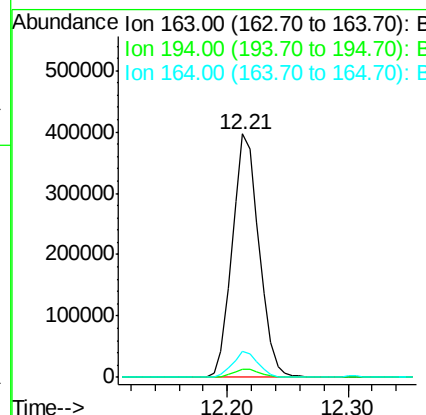
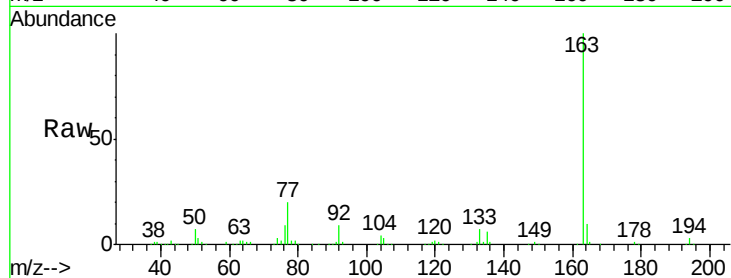
#49
Dimethylphthalate
Concen: 45.17 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	610475		
194	3.4	2.6	4.0	
164	10.4	8.4	12.6	

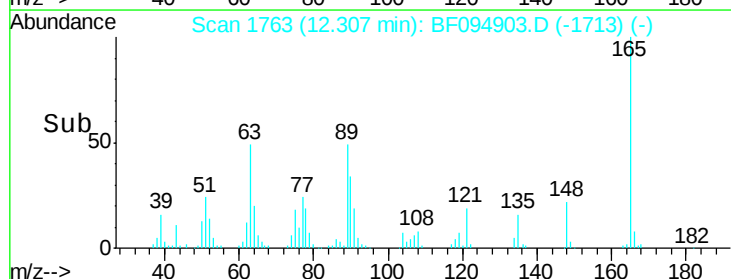
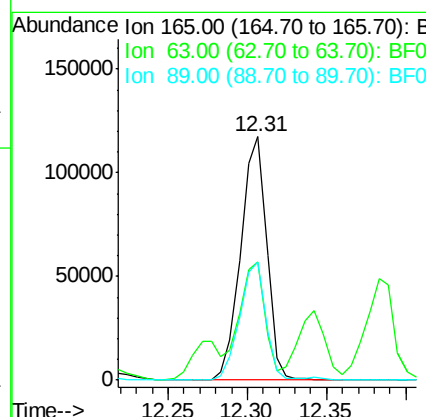
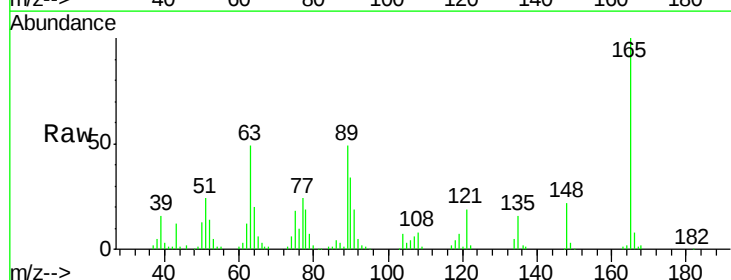
Manual Integrations
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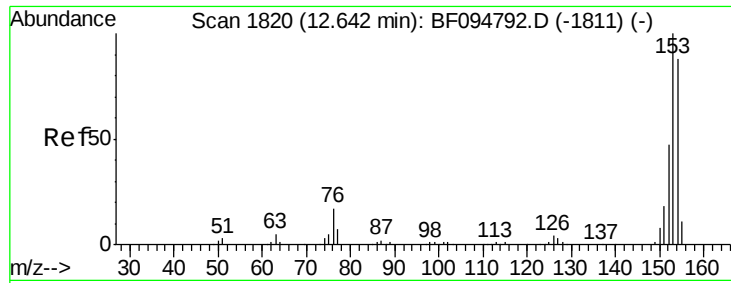
mohammad
5/5/2017 5:23:50 PM



#50
2,6-Dinitrotoluene
Concen: 48.47 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133665		
63	48.6	34.3	51.5	
89	48.7	37.1	55.7	





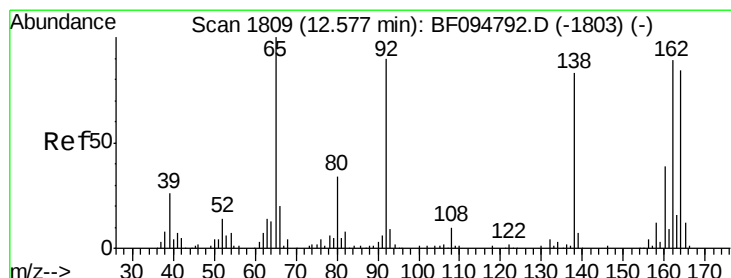
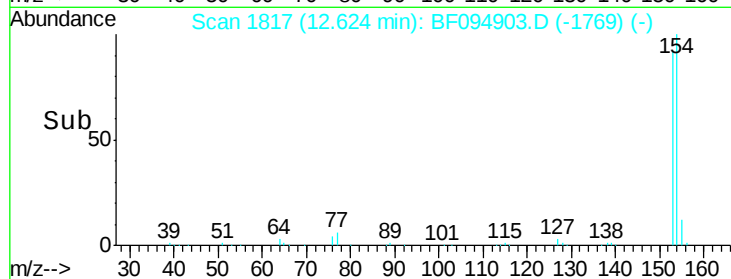
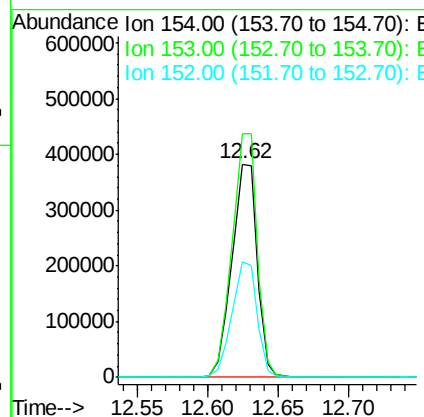
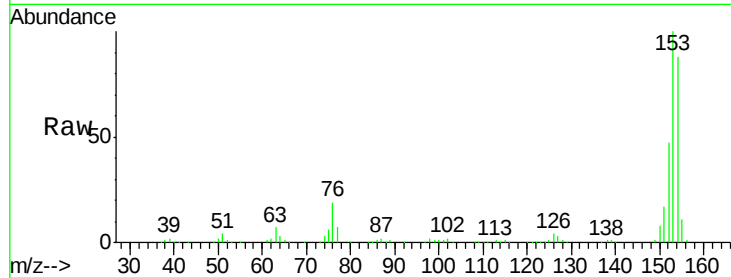
#51
Acenaphthene
Concen: 45.66 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	478110		
153	114.0	90.5	135.7	
152	53.9	43.6	65.4	

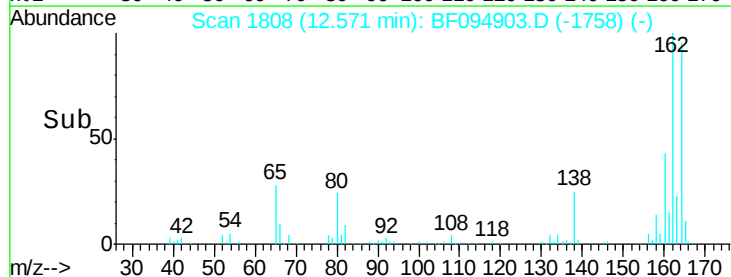
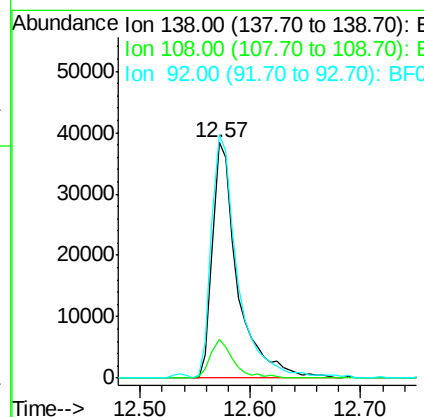
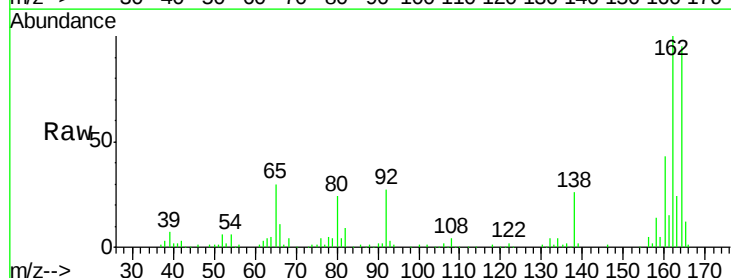
Manual Integrations
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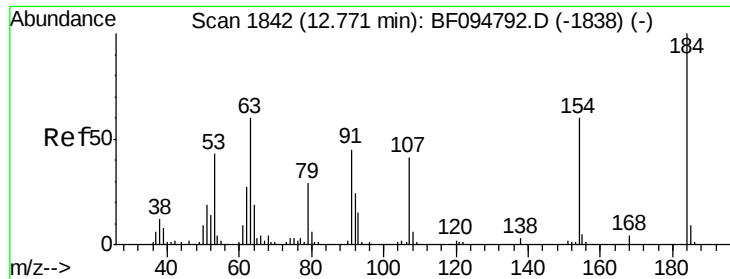
mohammad
5/5/2017 5:23:50 PM



#52
3-Nitroaniline
Concen: 20.25 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	59929		
108	16.5	9.1	13.7#	
92	103.2	93.8	140.6	





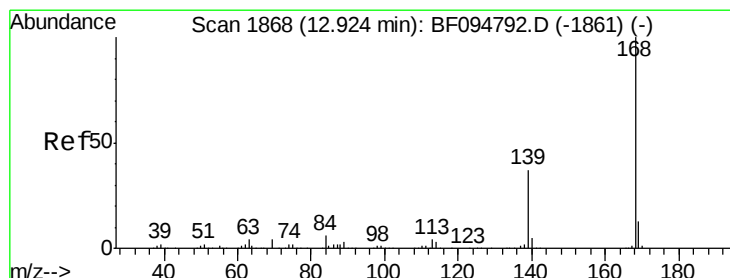
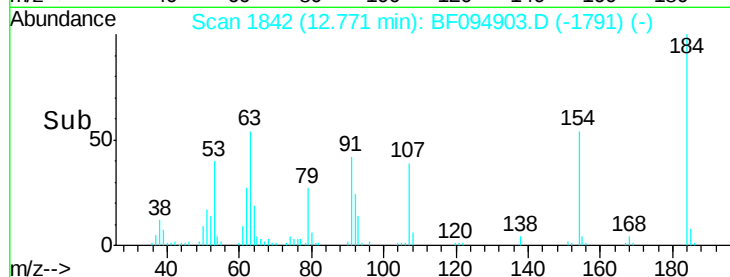
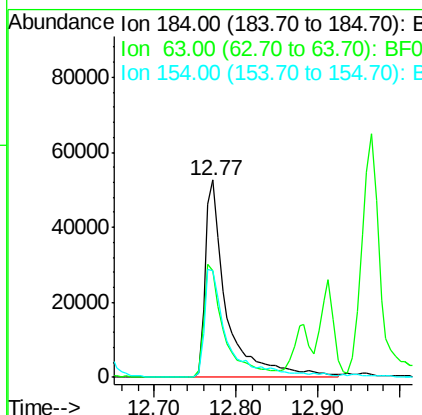
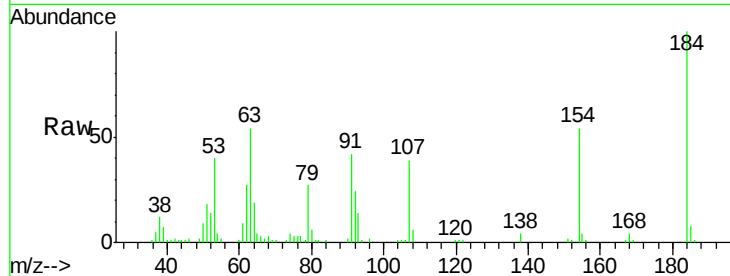
#53
2,4-Dinitrophenol
Concen: 64.27 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:184 Resp: 95594
Ion Ratio Lower Upper
184 100
63 54.1 62.7 94.1#
154 54.3 81.1 121.7#

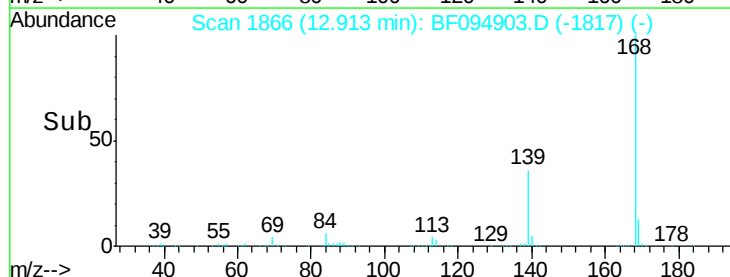
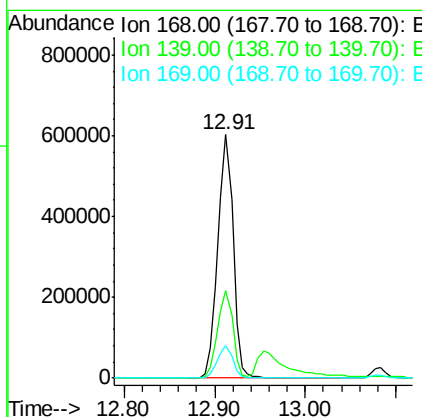
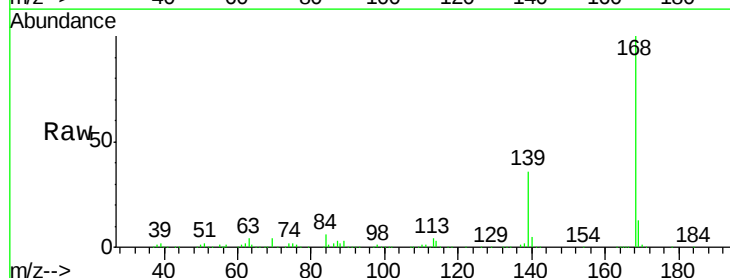
Manual Integrations
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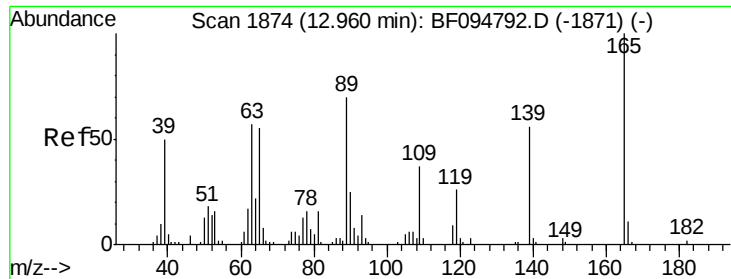
mohammad
5/5/2017 5:23:50 PM



#54
Dibenzofuran
Concen: 48.45 ng
RT: 12.91 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

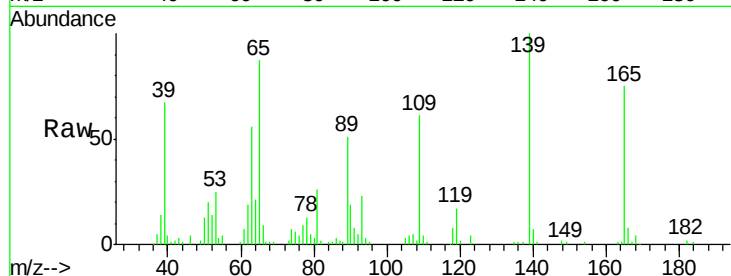
Tgt Ion:168 Resp: 702042
Ion Ratio Lower Upper
168 100
139 36.2 30.6 45.8
169 13.4 10.8 16.2





#55
4-Nitrophenol
Concen: 92.99 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

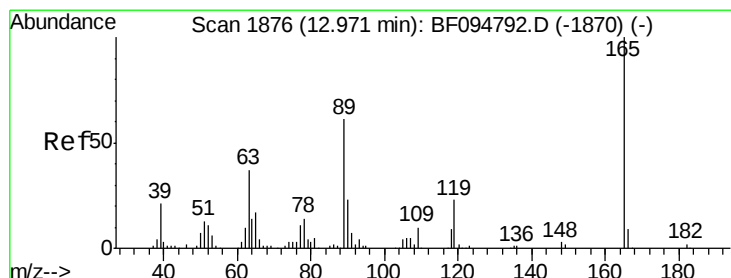
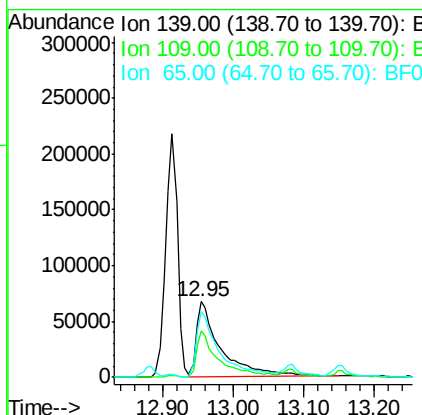
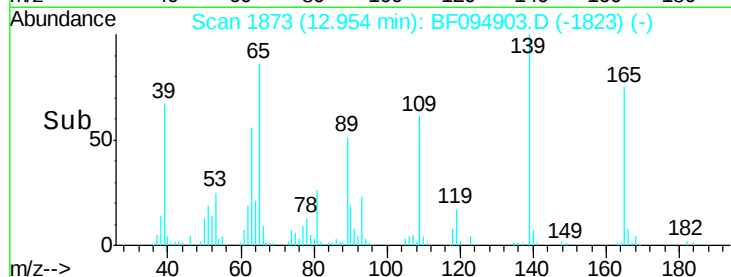
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:139 Resp: 165305
Ion Ratio Lower Upper
139 100
109 61.0 34.1 74.1
65 86.9 31.4 71.4#

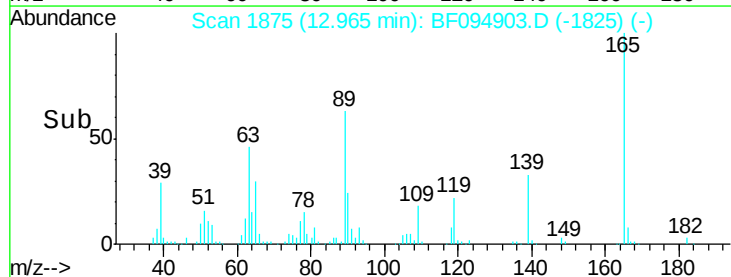
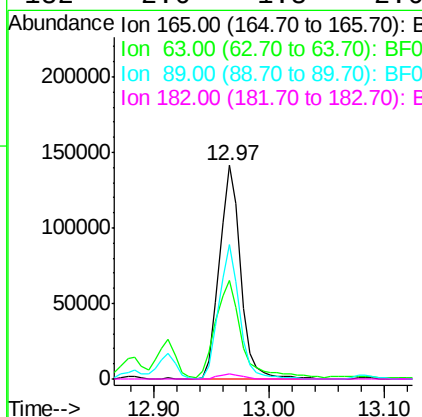
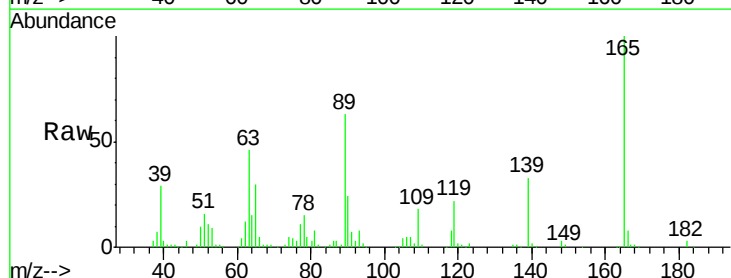
Manual Integrations
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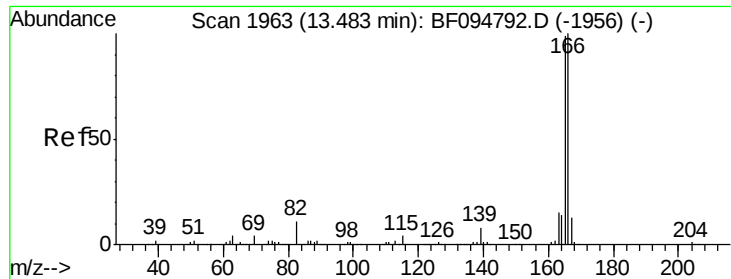
mohammad
5/5/2017 5:23:50 PM



#56
2,4-Dinitrotoluene
Concen: 50.62 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion:165 Resp: 179342
Ion Ratio Lower Upper
165 100
63 45.9 25.4 38.0#
89 63.1 46.4 69.6
182 2.6 1.8 2.6





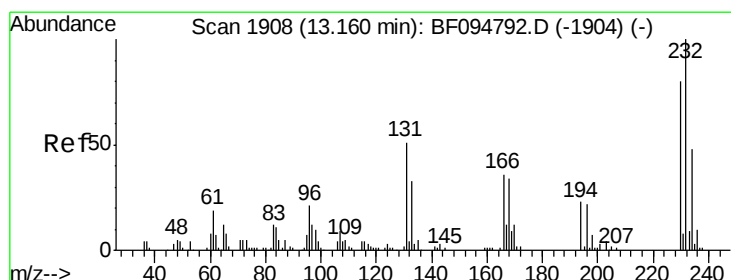
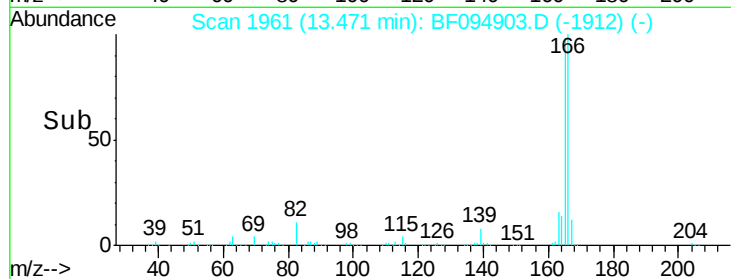
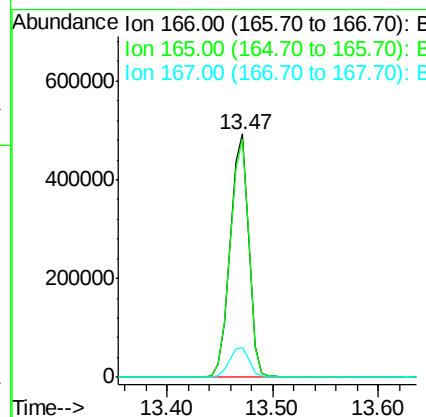
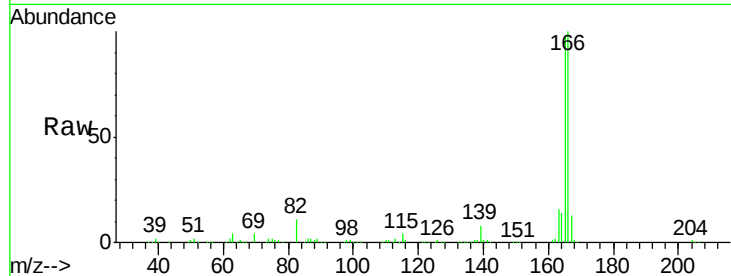
#57
 Fluorene
 Concen: 47.50 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	598511		
165	98.0	78.8	118.2	
167	12.5	10.6	16.0	

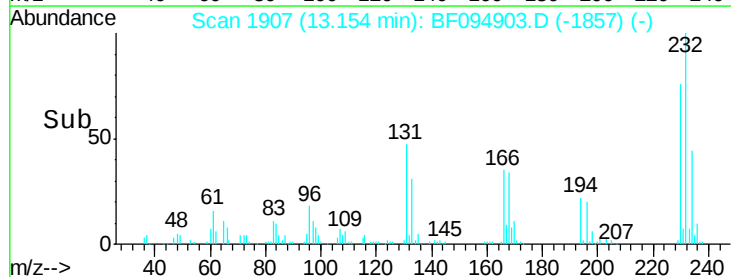
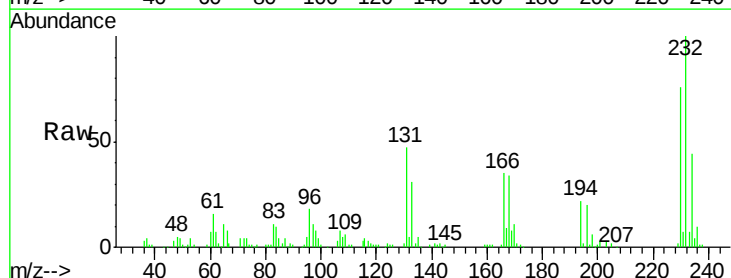
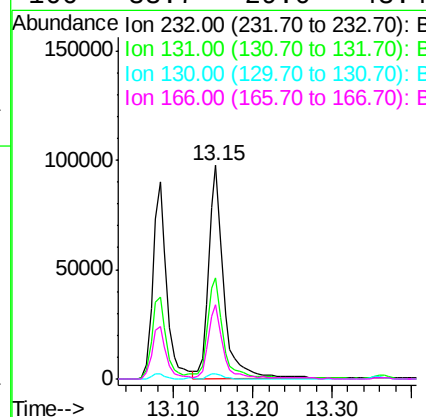
Manual Integrations
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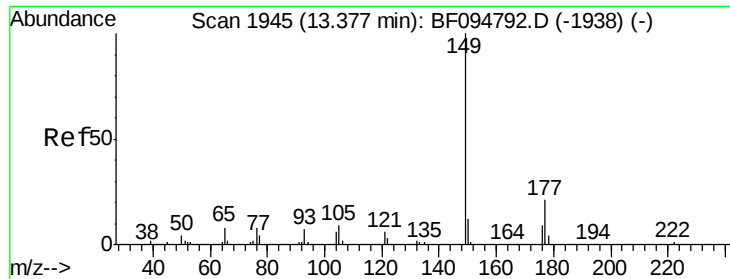
mohammad
 5/5/2017 5:23:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.72 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	129696		
131	48.3	44.8	67.2	
130	2.2	2.3	3.5#	
166	33.7	29.0	43.4	





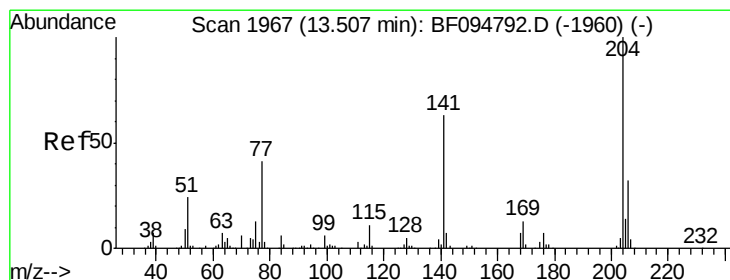
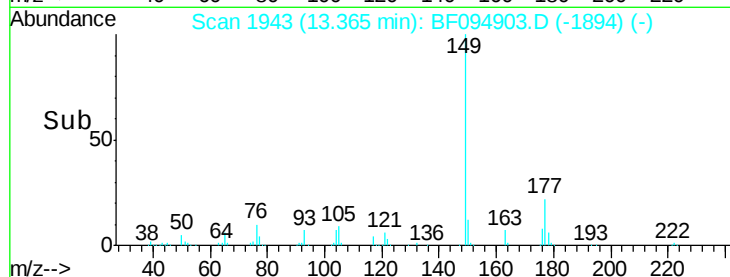
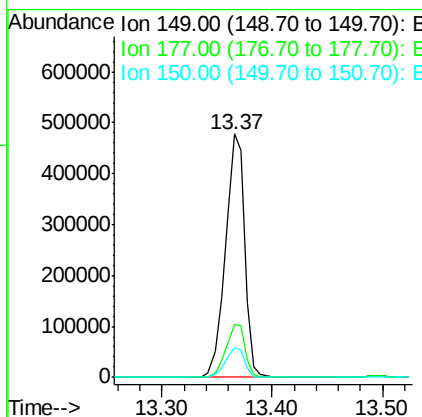
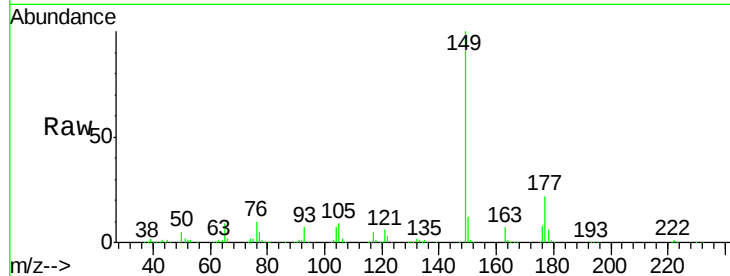
#59
Diethylphthalate
Concen: 45.09 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.1	10.2	15.2

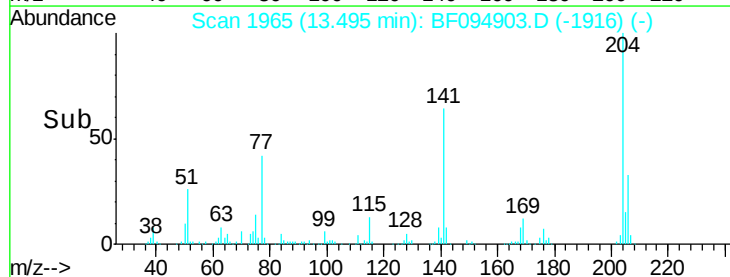
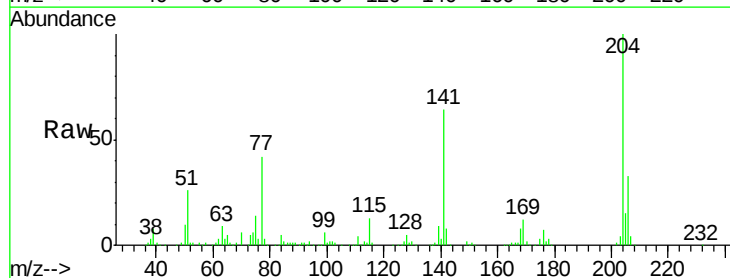
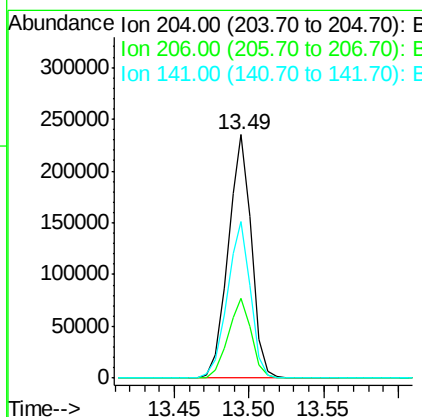
Manual Integrations
APPROVED

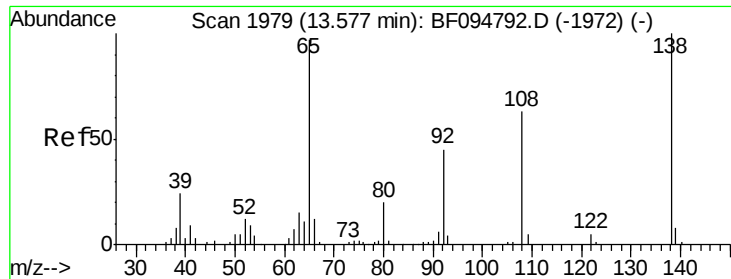
mohammad
5/5/2017 5:23:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.55 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	64.3	60.8	91.2





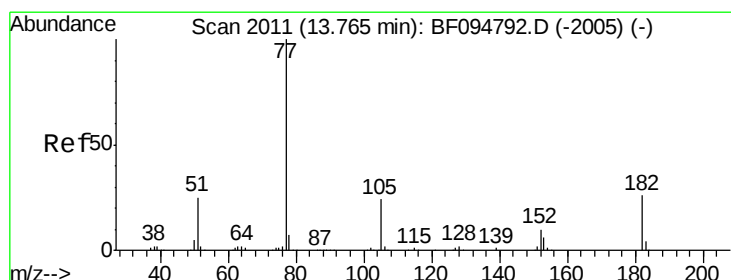
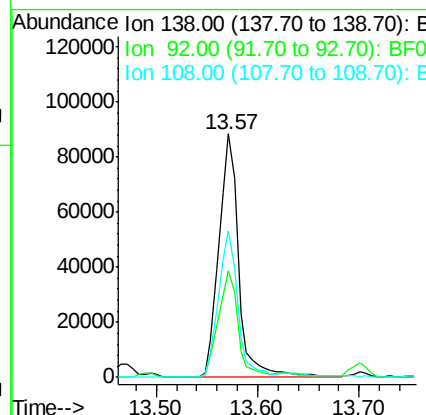
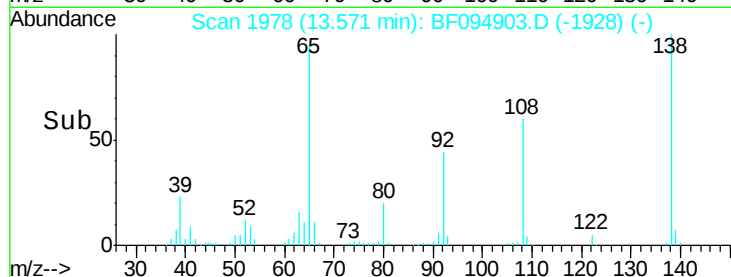
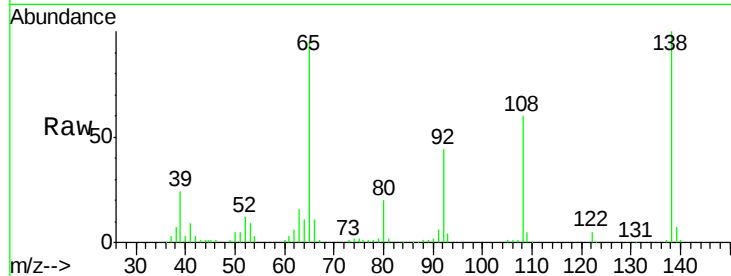
#61
4-Nitroaniline
Concen: 44.66 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.0	21.8	61.8
108	60.1	42.3	82.3

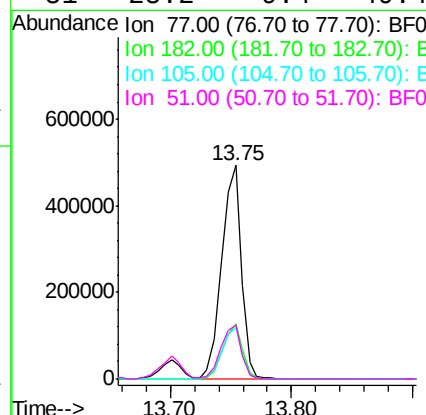
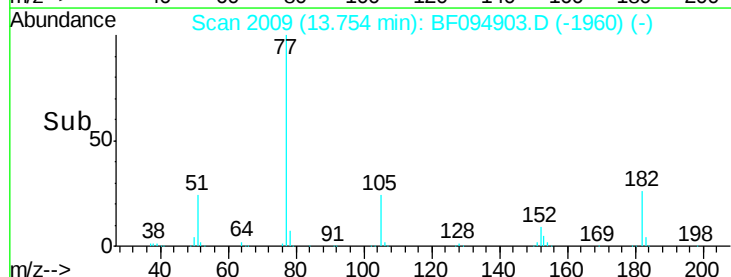
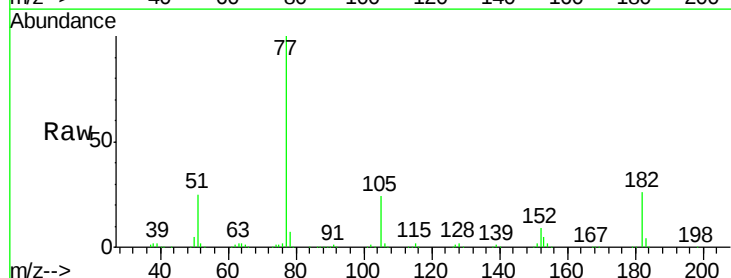
Manual Integrations
APPROVED

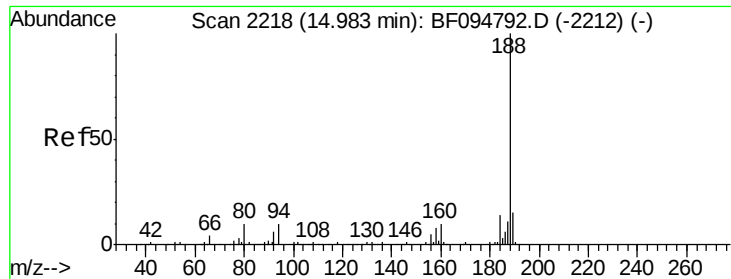
mohammad
5/5/2017 5:23:50 PM



#62
Azobenzene
Concen: 52.94 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	0.1	40.1
105	23.9	3.6	43.6
51	25.2	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: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

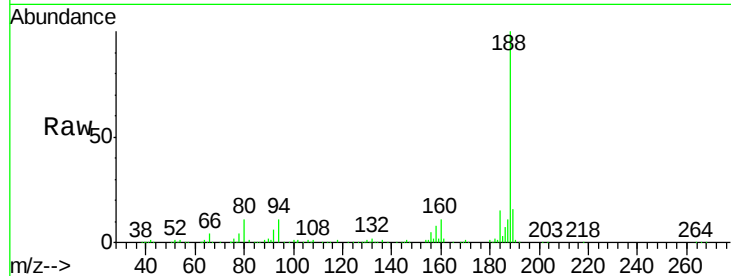
ClientSampleId :

TP-1MSD

Tgt Ion:	188	Resp:	290815
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	11.0	10.2	15.2

Manual Integrations
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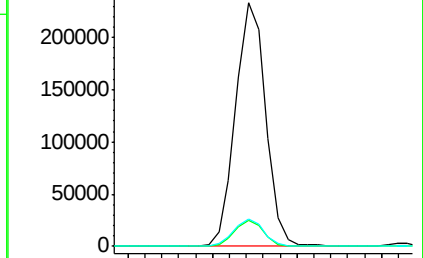
mohammad
5/5/2017 5:23:50 PM



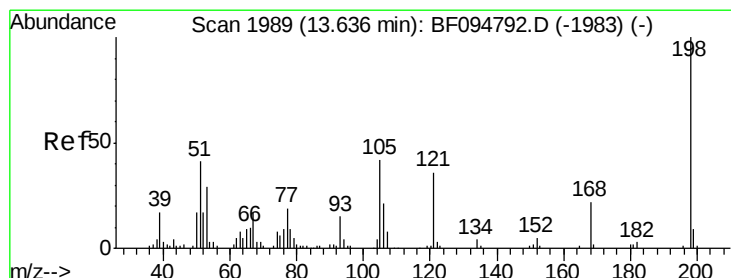
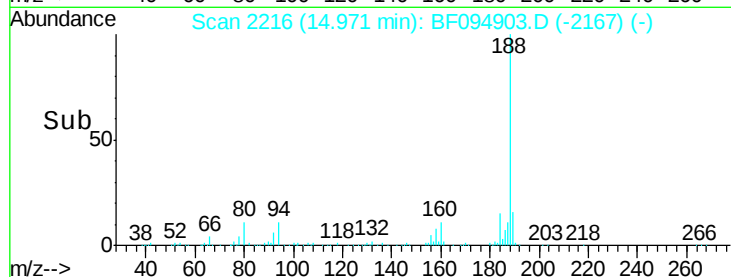
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 35.58 ng

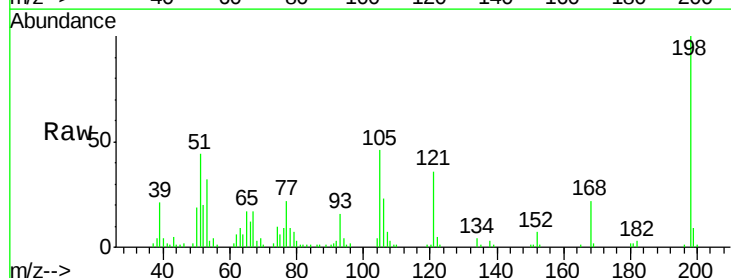
RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

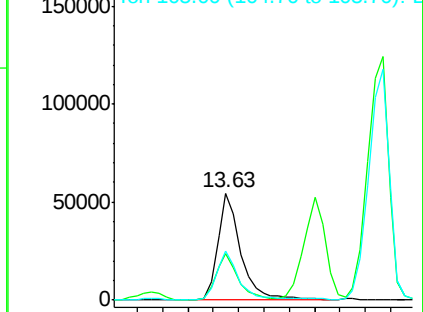
Tgt Ion:	198	Resp:	69364
Ion Ratio	Lower	Upper	
198	100		
51	43.8	53.2	93.2#
105	46.0	45.8	85.8



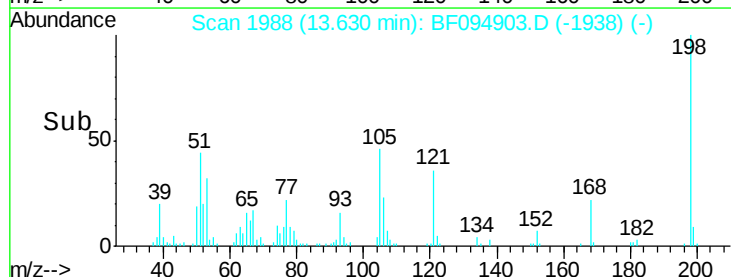
Abundance Ion 198.00 (197.70 to 198.70): E

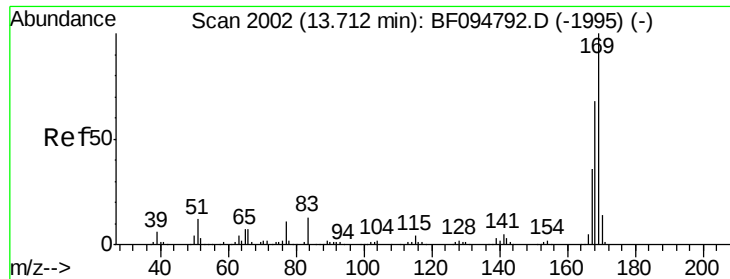
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





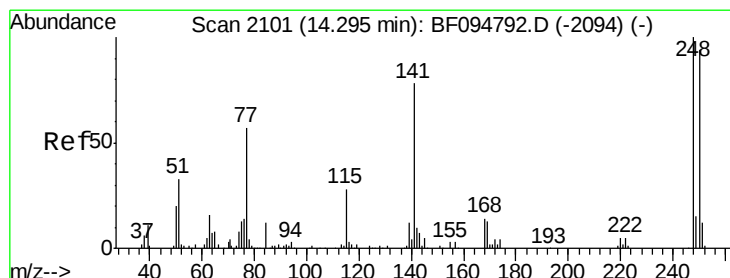
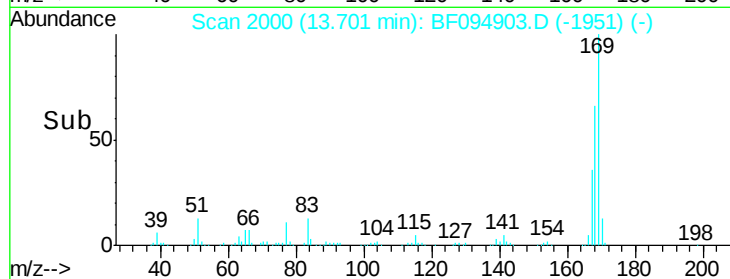
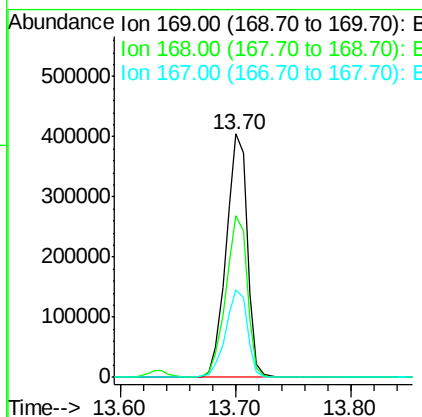
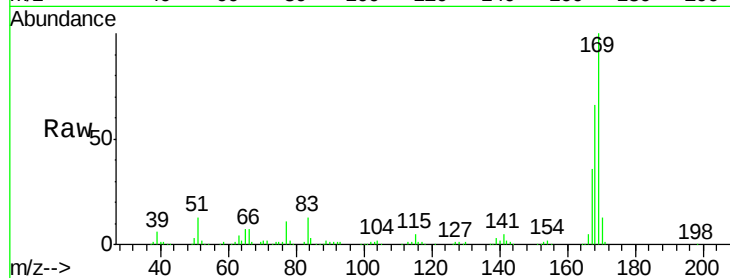
#65
 n-Nitrosodiphenylamine
 Concen: 48.51 ng
 RT: 13.70 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	512039		
168	66.5	53.2	79.8	
167	35.8	29.5	44.3	

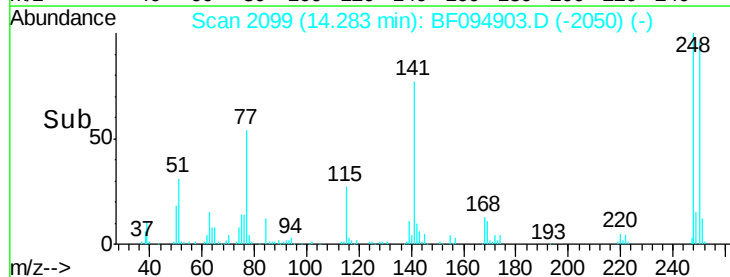
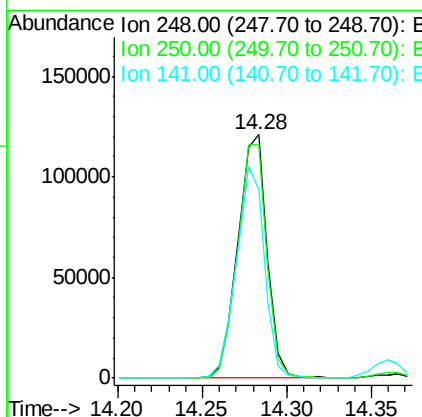
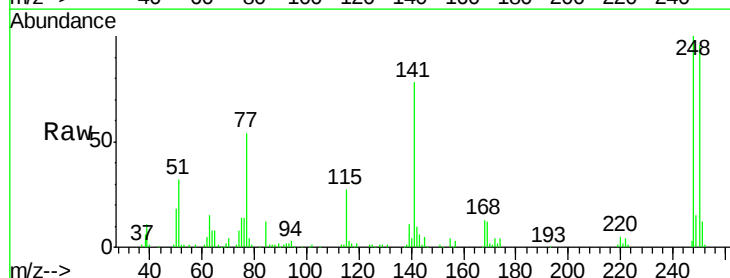
Manual Integrations
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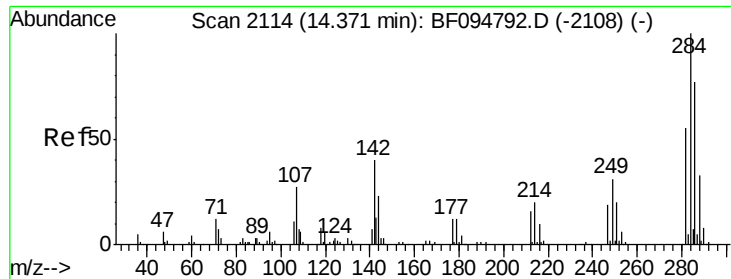
mohammad
 5/5/2017 5:23:50 PM



#66
 4-Bromophenyl-phenylether
 Concen: 47.36 ng
 RT: 14.28 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	145520		
250	95.7	76.8	115.2	
141	77.5	68.6	103.0	





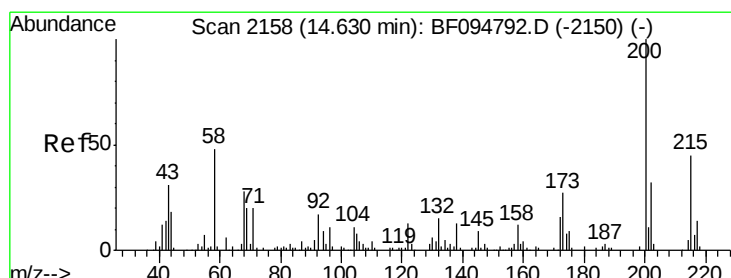
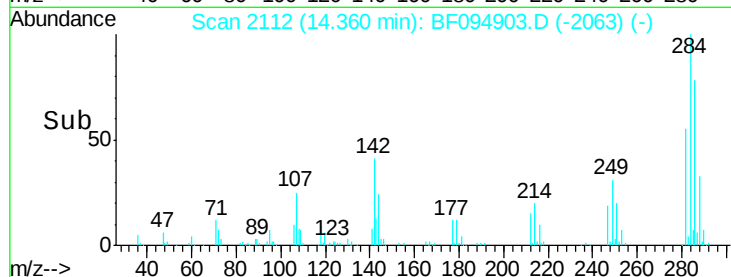
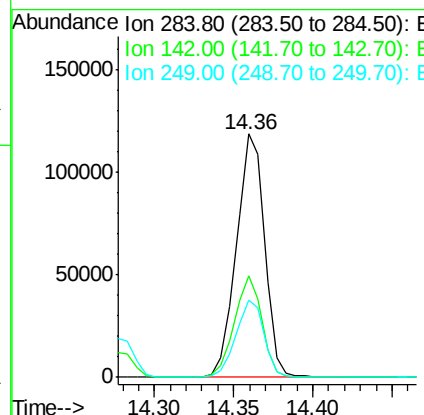
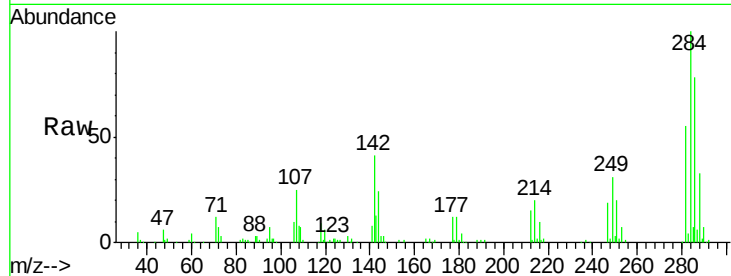
#67
Hexachlorobenzene
Concen: 46.26 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	145671		
142	41.5	22.8	34.2	#
249	31.5	24.0	36.0	

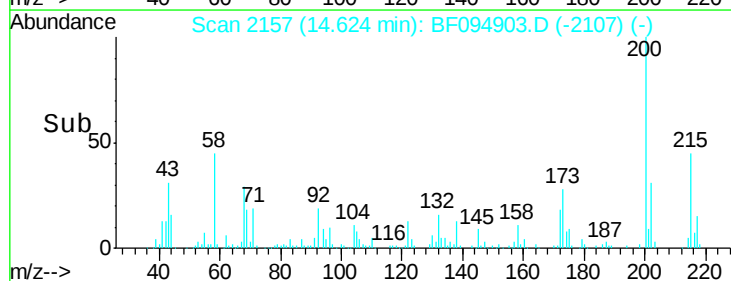
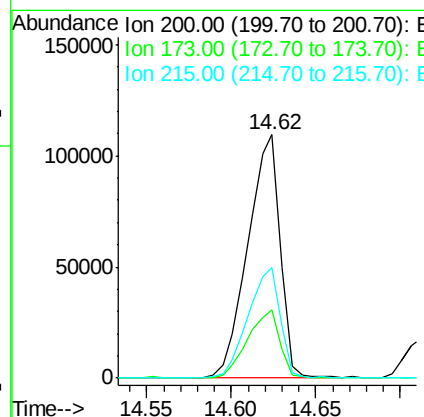
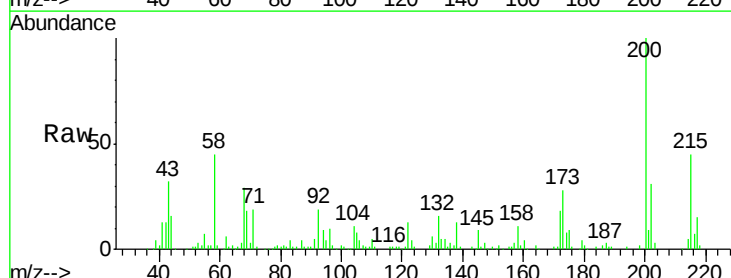
Manual Integrations
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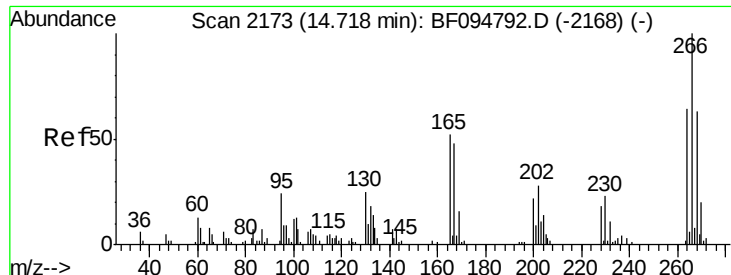
mohammad
5/5/2017 5:23:50 PM



#68
Atrazine
Concen: 49.25 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	146779		
173	28.2	6.3	46.3	
215	45.4	27.2	67.2	





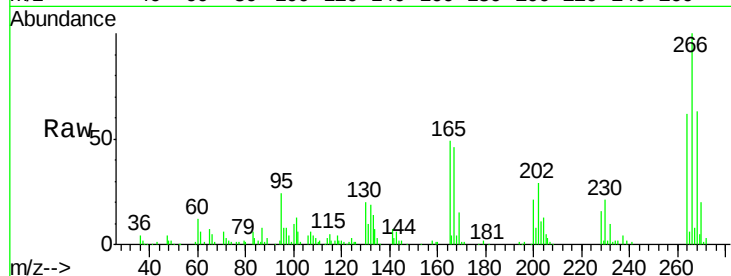
#69
 Pentachlorophenol
 Concen: 90.07 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

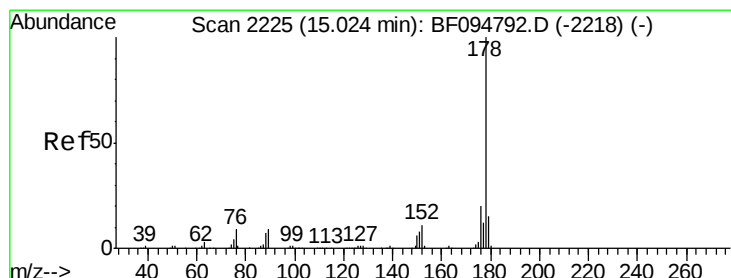
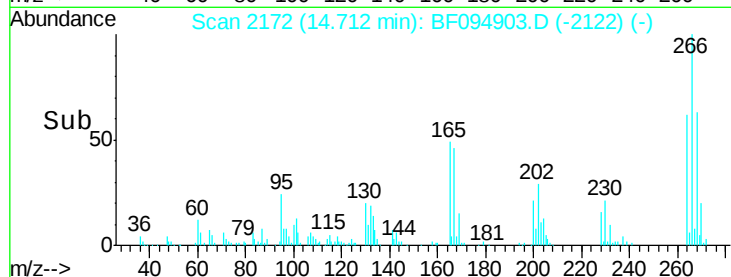
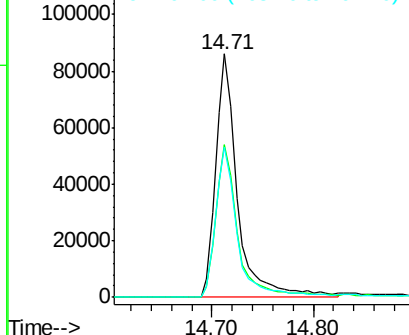
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	129361		
268	62.7	51.1	76.7	
264	61.8	51.7	77.5	

Manual Integrations
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mohammad
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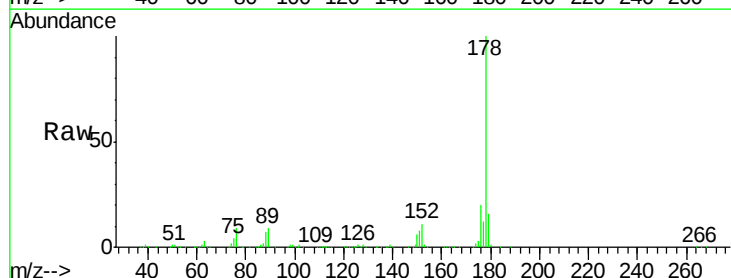


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

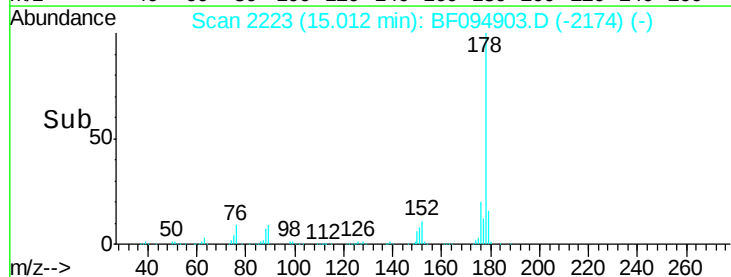
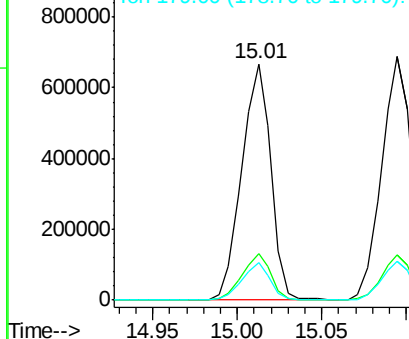


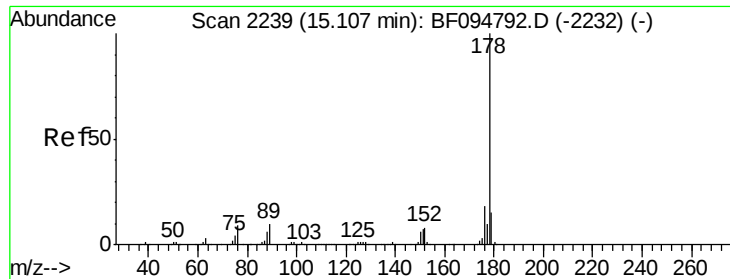
#70
 Phenanthrene
 Concen: 48.07 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	803282		
176	19.7	16.2	24.4	
179	15.7	12.6	19.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





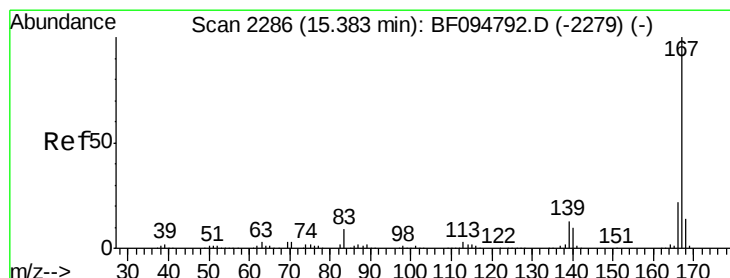
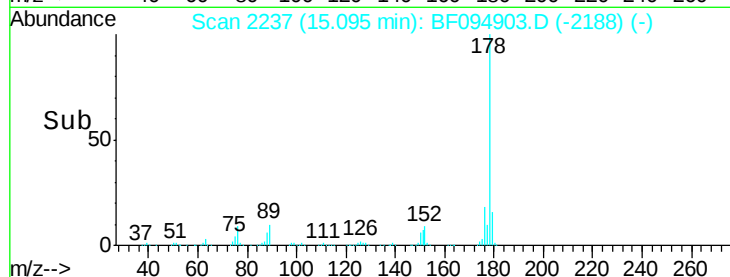
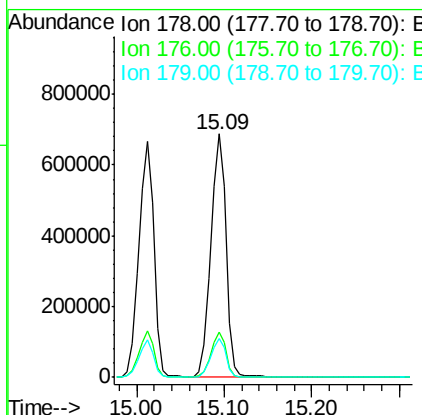
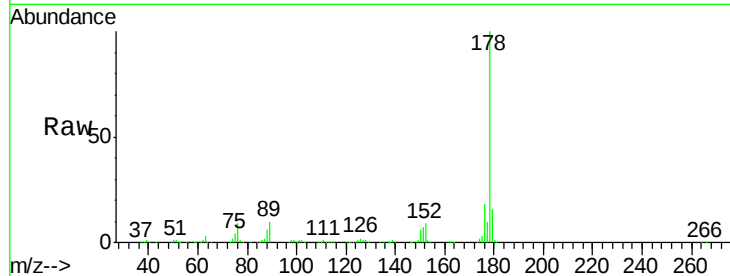
#71
 Anthracene
 Concen: 49.25 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

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

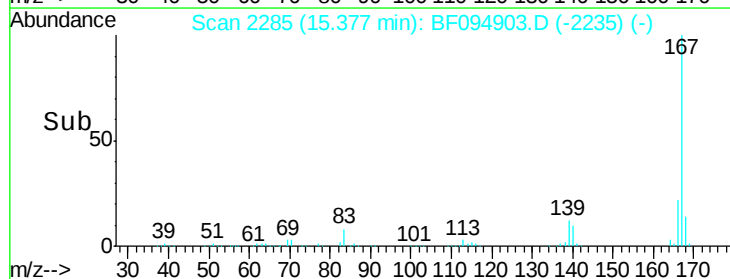
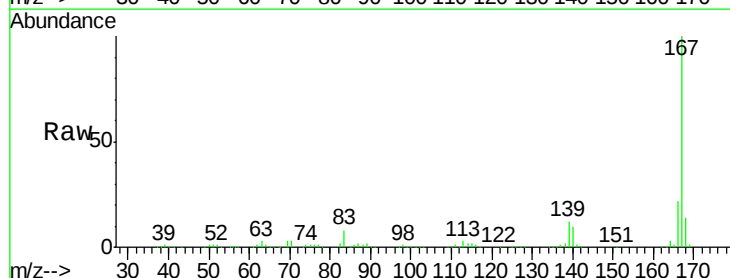
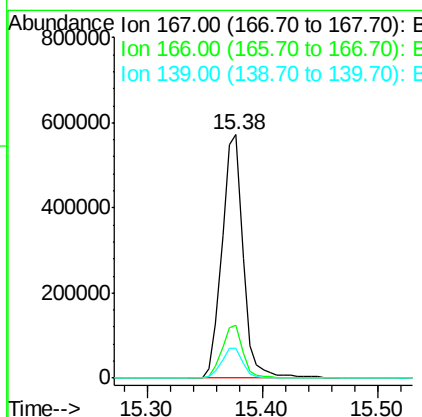
Manual Integrations
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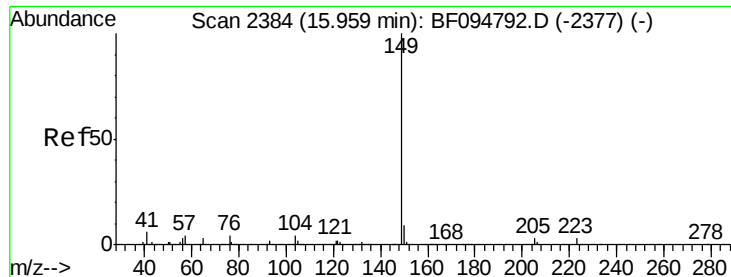
mohammad
 5/5/2017 5:23:50 PM



#72
 Carbazole
 Concen: 46.94 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 48.33 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

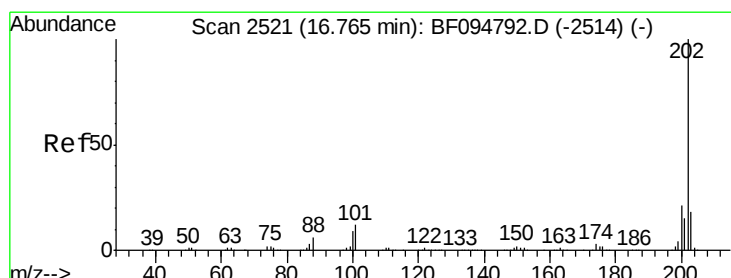
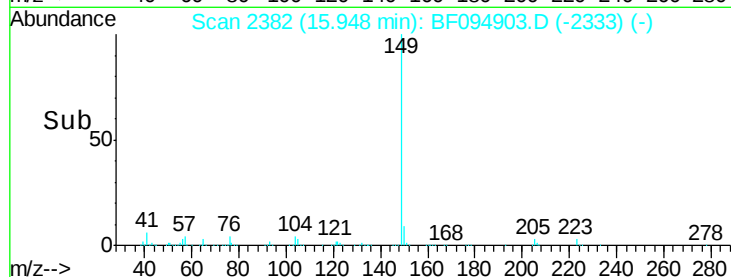
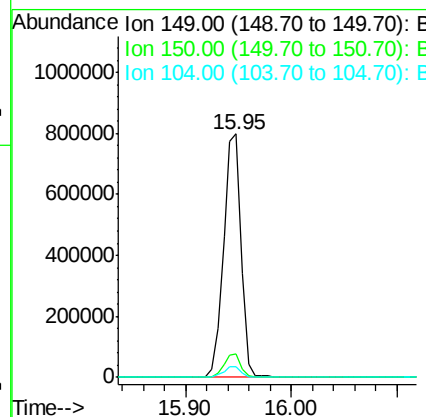
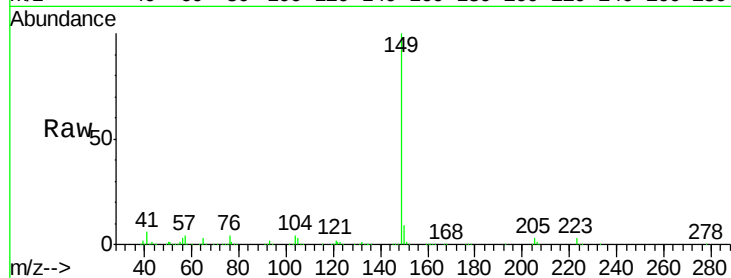
ClientSampleId :

TP-1MSD

Tgt Ion:	149	Resp:	936075
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 45.17 ng

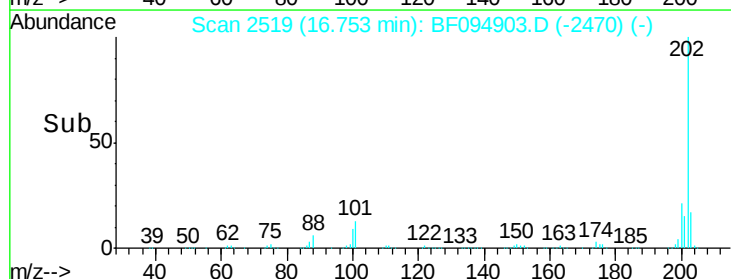
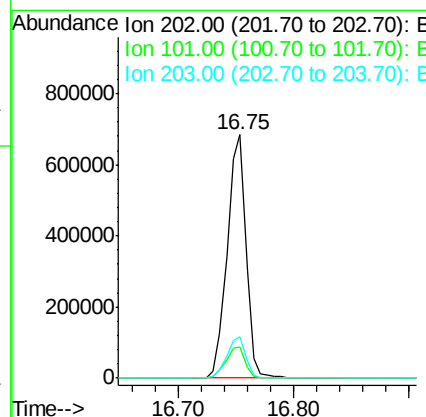
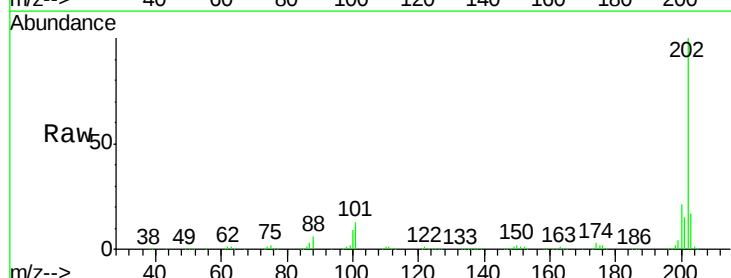
RT: 16.75 min Scan# 2519

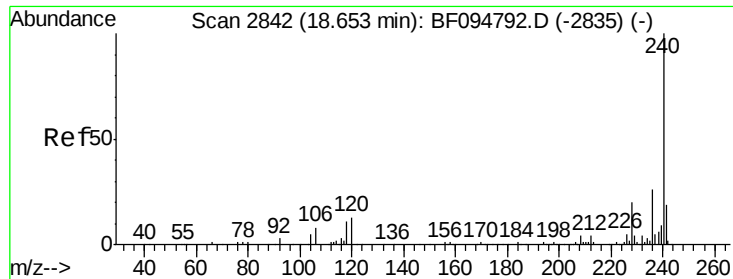
Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Tgt Ion:	202	Resp:	774298
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.2
203	17.2	0.0	38.1





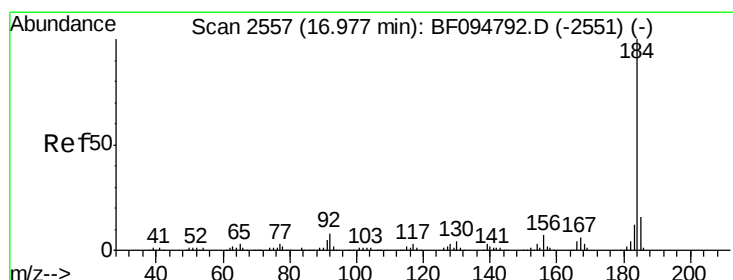
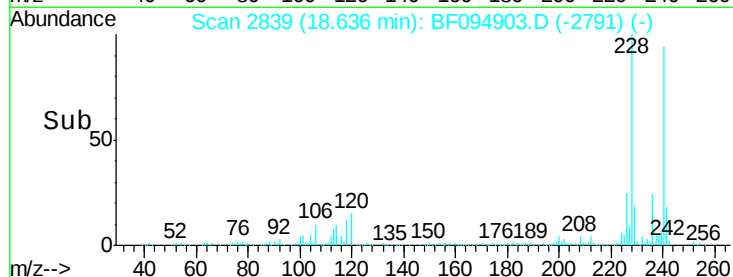
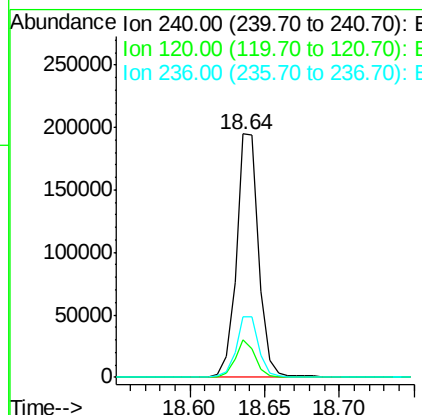
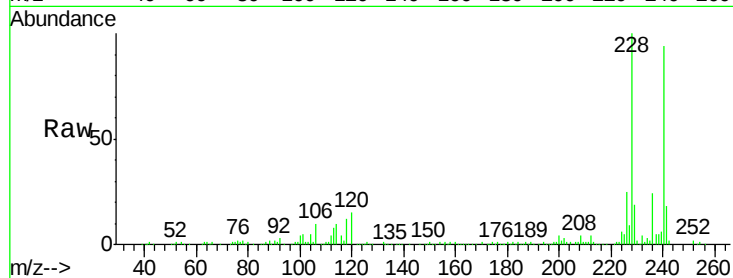
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	202942		
120	15.6	5.8	8.8#	
236	25.1	20.5	30.7	

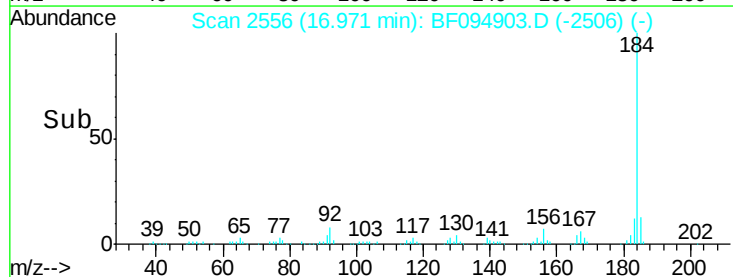
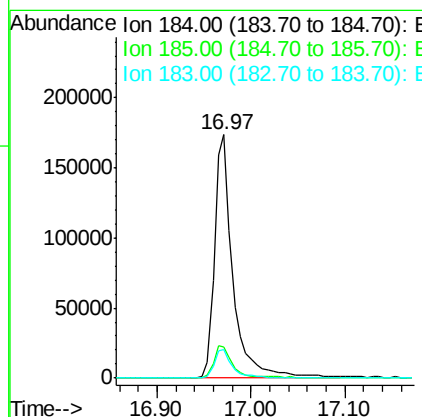
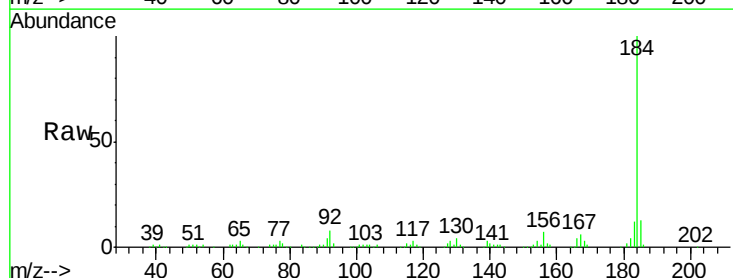
Manual Integrations
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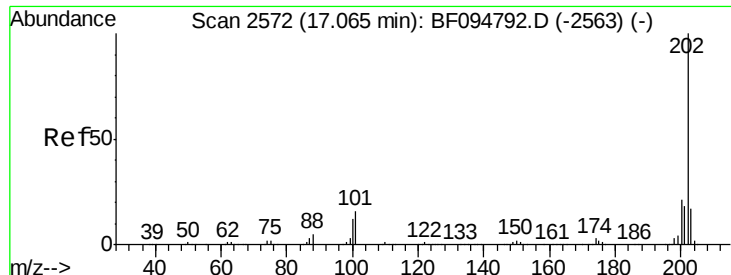
mohammad
5/5/2017 5:23:50 PM



#76
Benzidine
Concen: 44.55 ng
RT: 16.97 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	241512		
185	12.8	15.5	23.3#	
183	12.0	9.8	14.6	





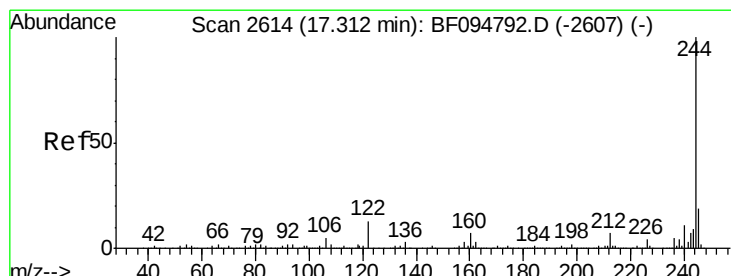
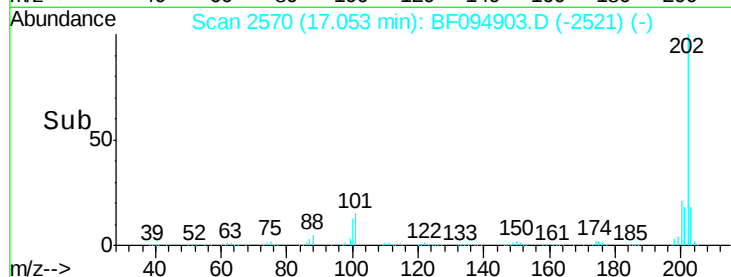
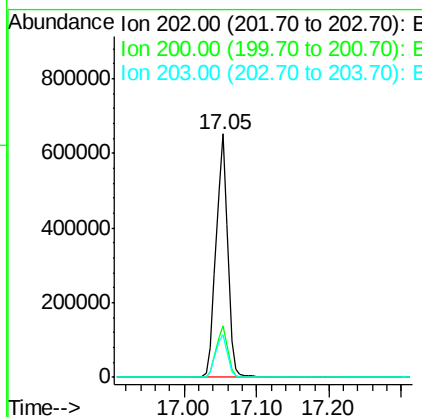
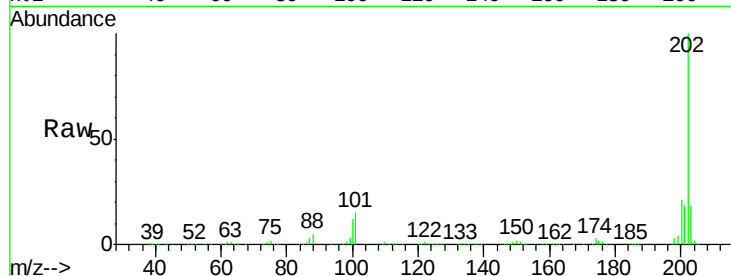
#77
 Pyrene
 Concen: 48.80 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

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

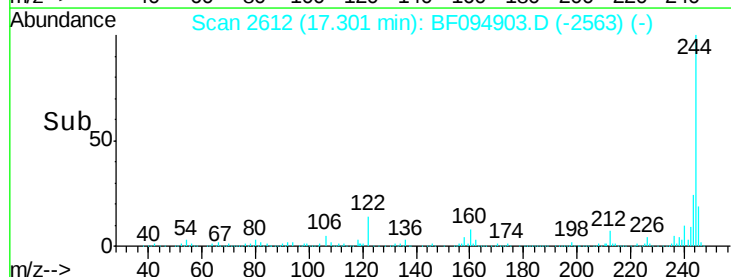
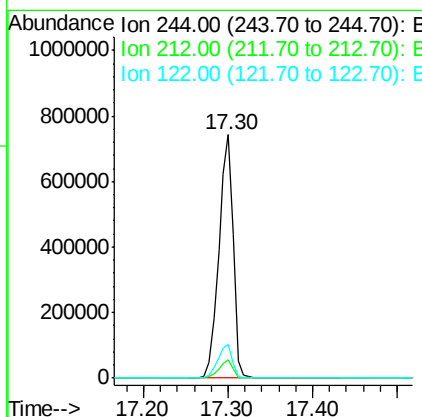
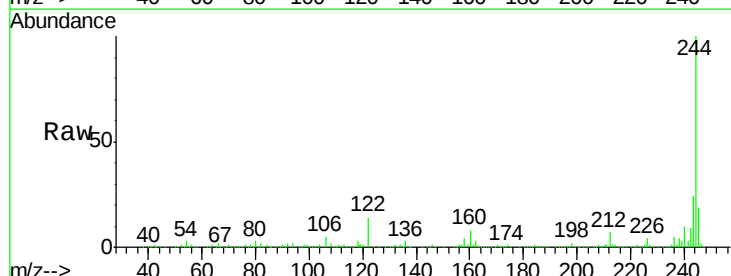
Manual Integrations
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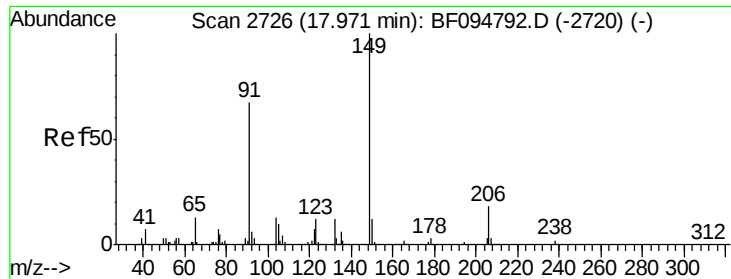
mohammad
 5/5/2017 5:23:50 PM



#78
 Terphenyl-d14
 Concen: 96.24 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	6.0	9.0
122	13.6	10.3	15.5





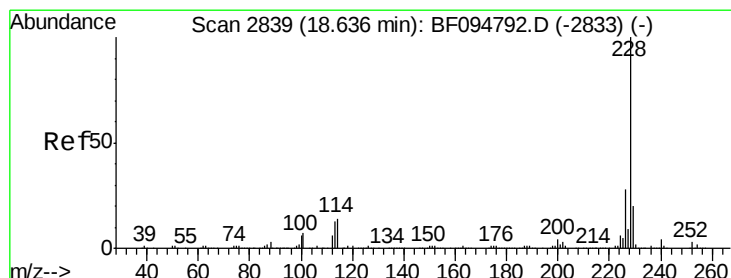
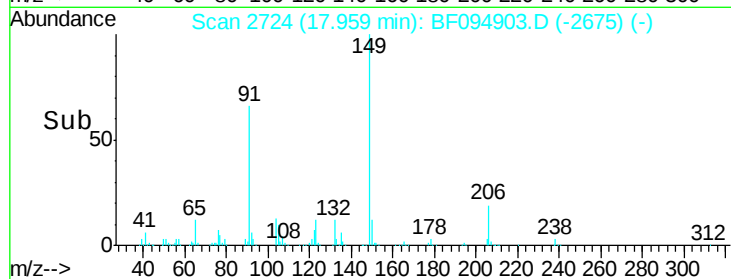
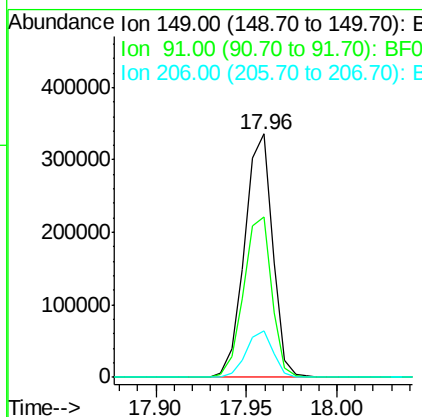
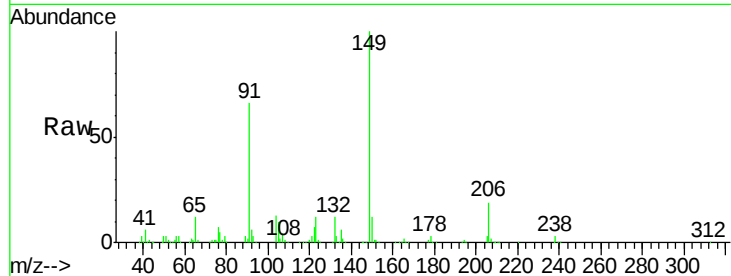
#79
Butylbenzylphthalate
Concen: 51.06 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	360457		
91	65.8	45.0	67.4	
206	18.9	17.0	25.6	

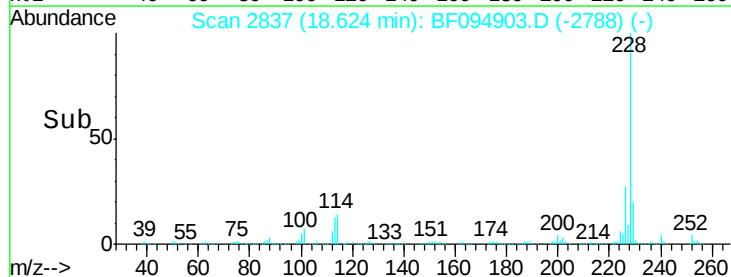
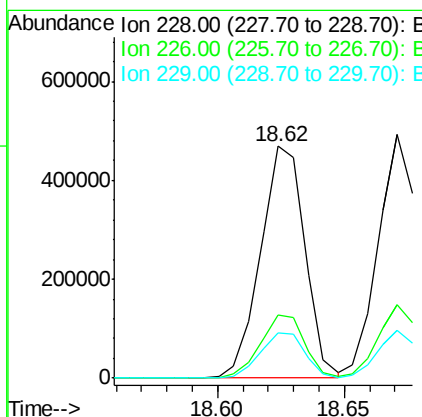
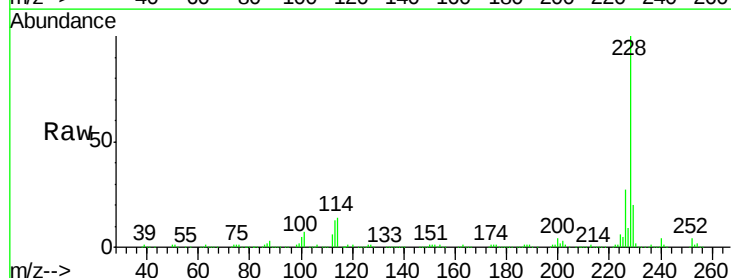
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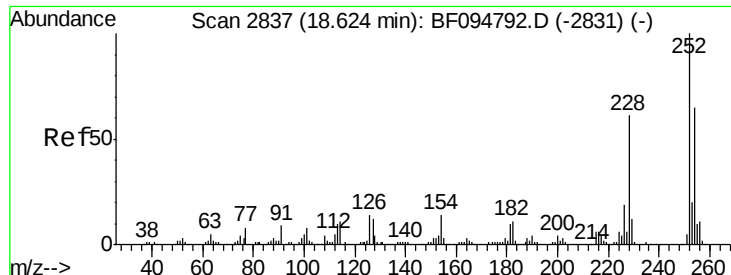
mohammad
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#80
Benzo(a)anthracene
Concen: 47.93 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	566126		
226	27.2	22.6	33.8	
229	19.6	16.3	24.5	





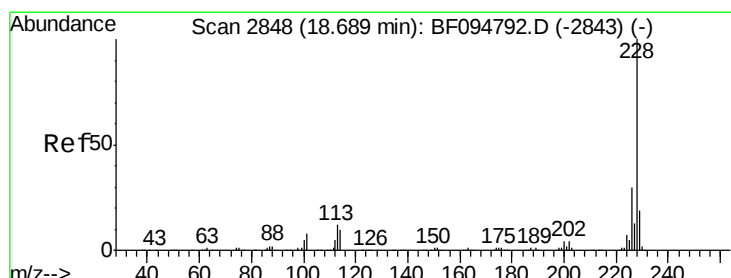
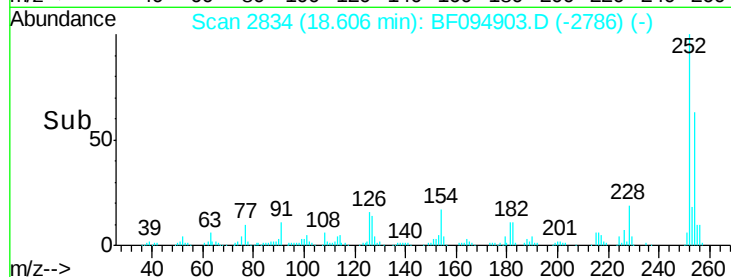
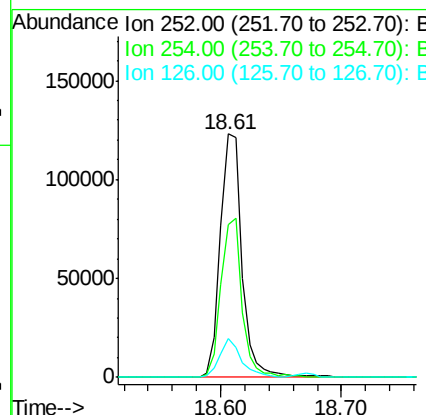
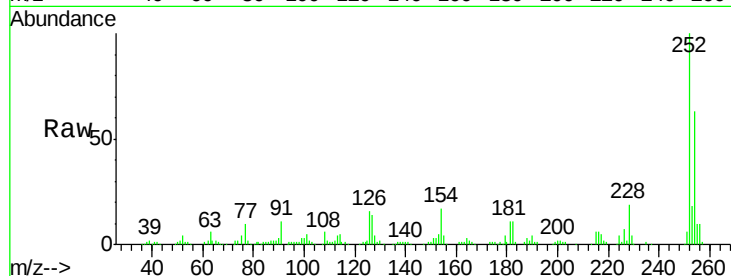
#81
 3,3'-Dichlorobenzidine
 Concen: 37.56 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	153204		
254	62.9	51.5	77.3	
126	15.9	15.8	23.8	

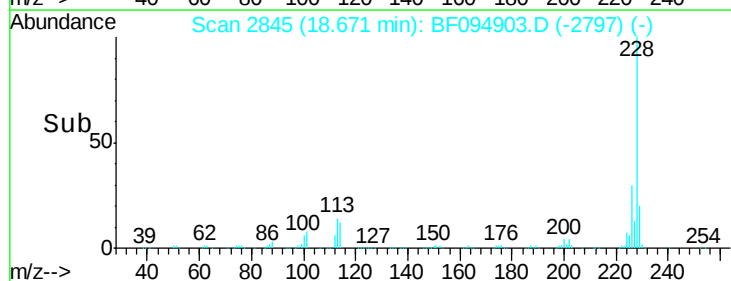
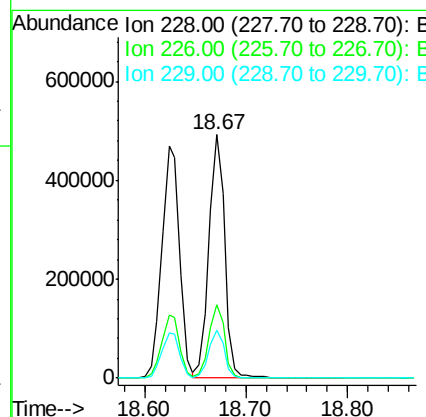
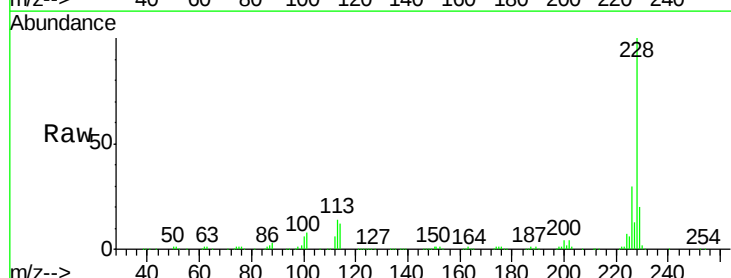
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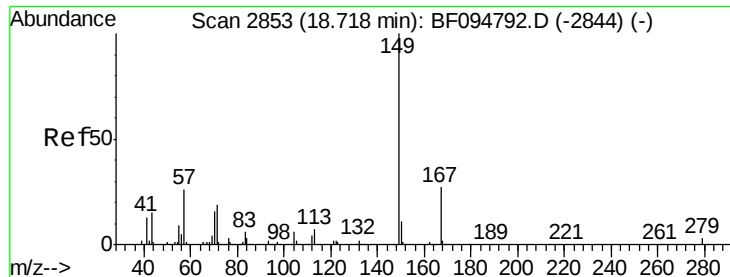
mohammad
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#82
 Chrysene
 Concen: 46.57 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	531860		
226	30.2	24.9	37.3	
229	19.8	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.80 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

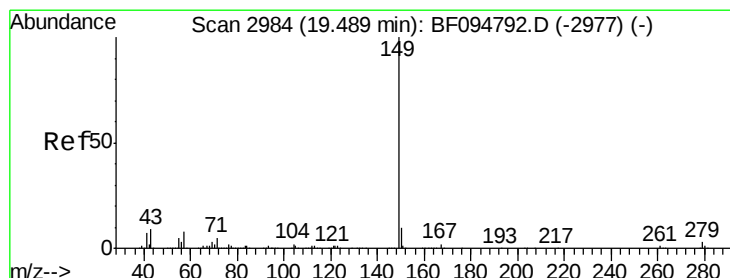
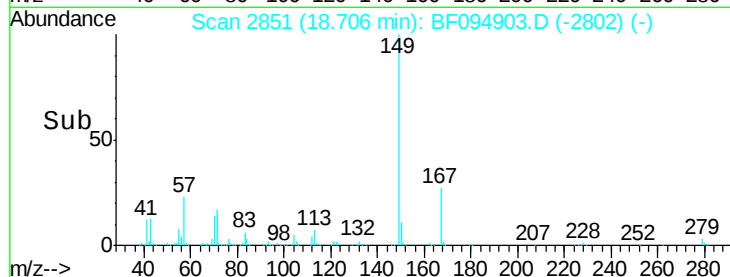
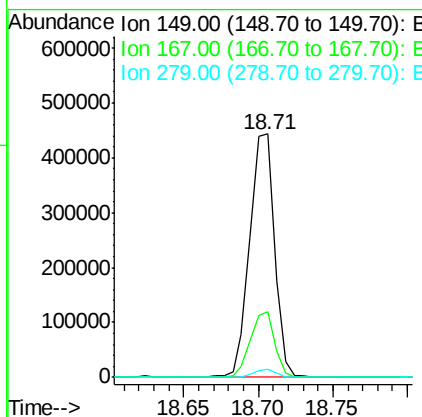
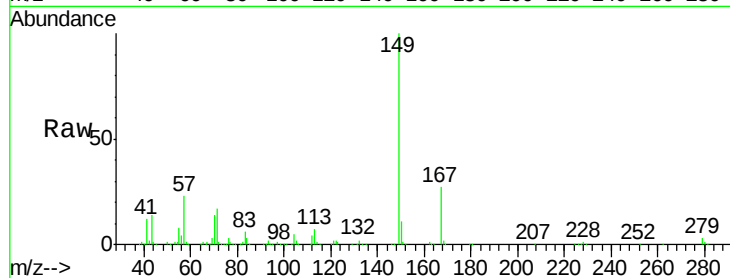
ClientSampled :

TP-1MSD

Tgt Ion:	149	Resp:	510996
Ion Ratio		Lower	Upper
149	100		
167	27.1	21.0	31.4
279	3.3	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 47.81 ng

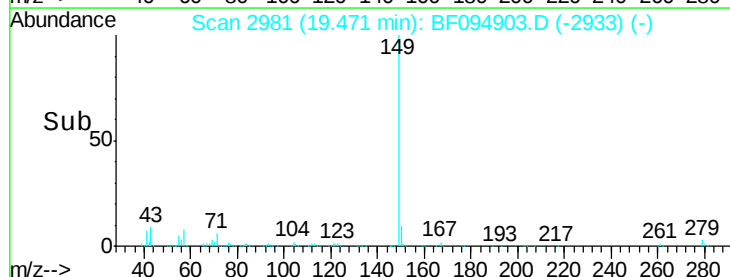
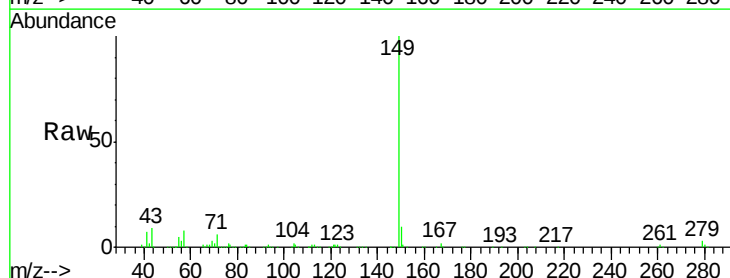
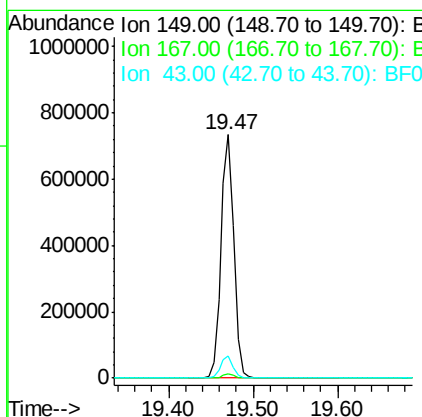
RT: 19.47 min Scan# 2981

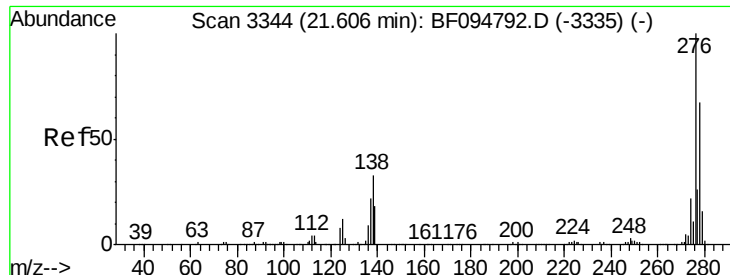
Delta R.T. -0.02 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Tgt Ion:	149	Resp:	788459
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7





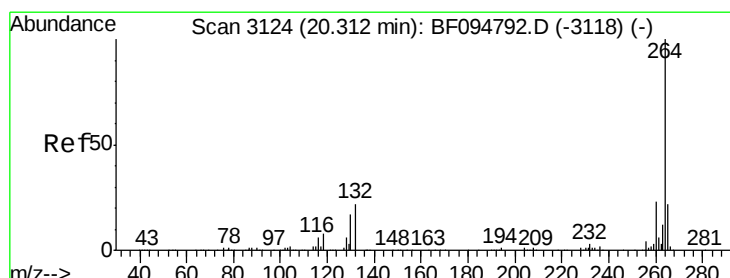
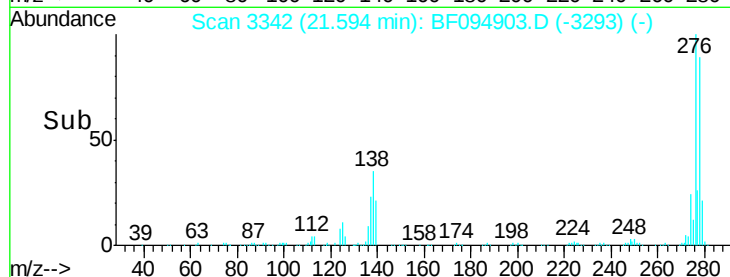
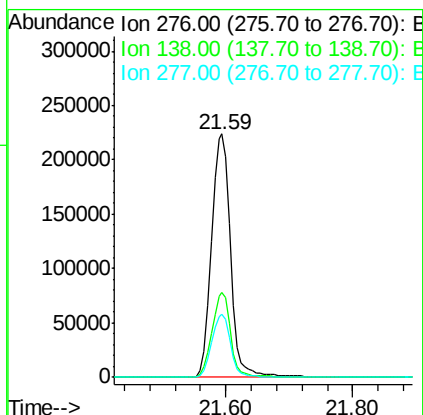
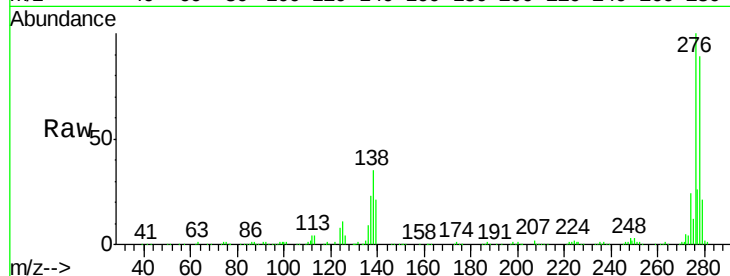
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.75 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.7	20.2	30.4

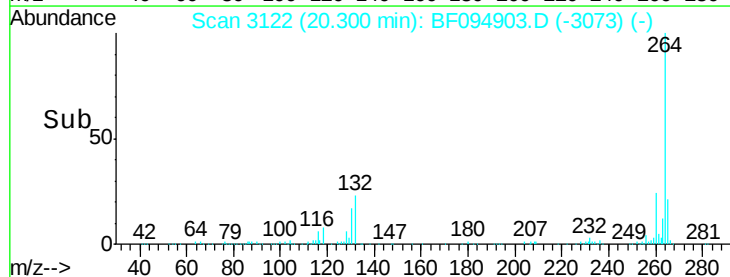
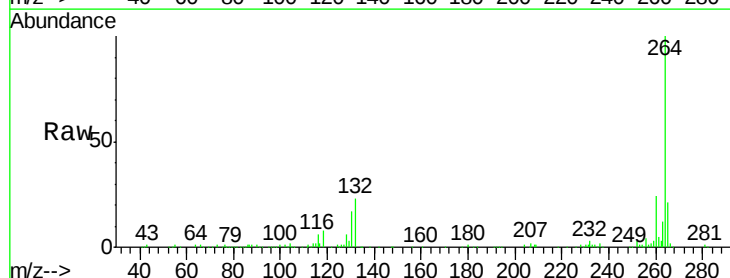
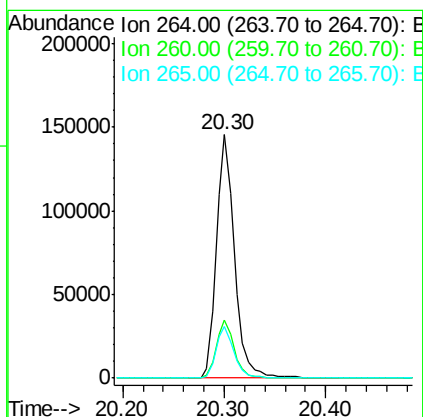
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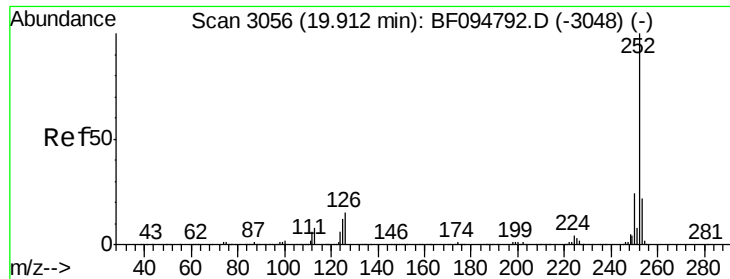
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.14 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

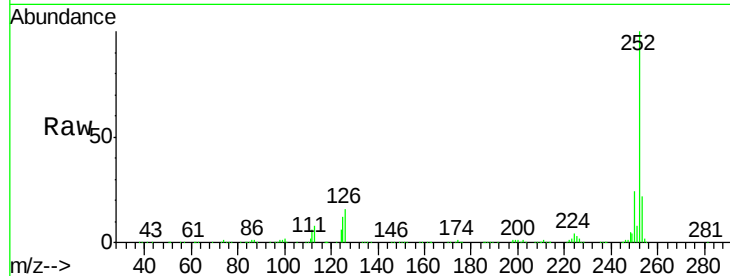
ClientSampleId :

TP-1MSD

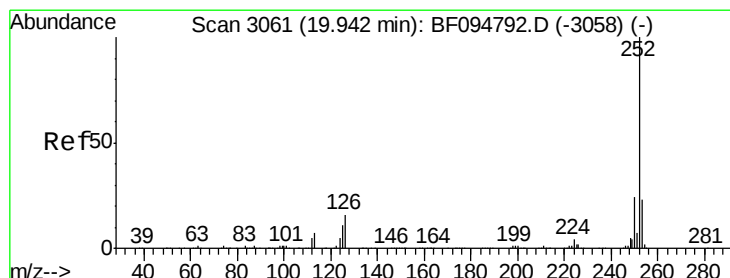
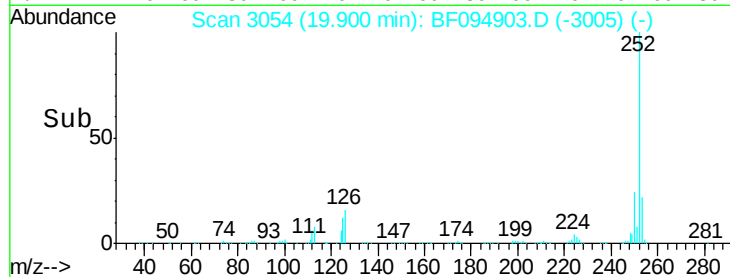
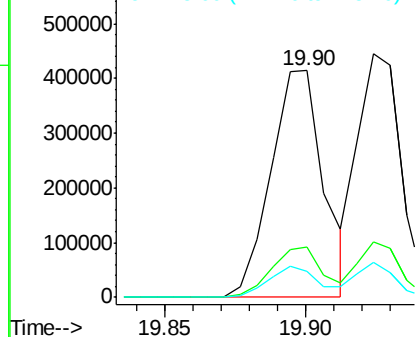
Tgt Ion:	252	Resp:	537919
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	11.7	9.8	14.8

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



#88

Benzo(k)fluoranthene

Concen: 45.34 ng

RT: 19.92 min Scan# 3058

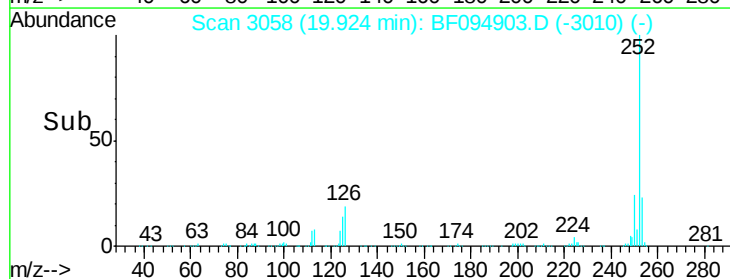
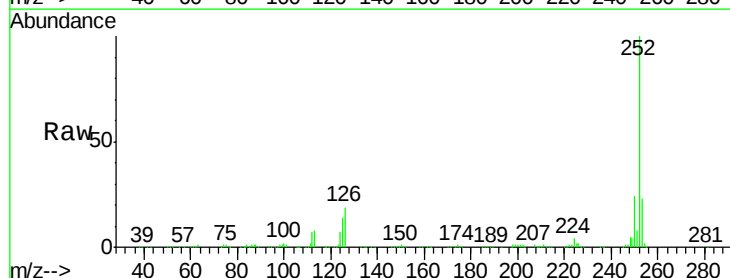
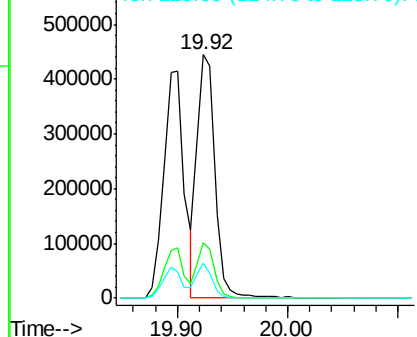
Delta R.T. -0.02 min

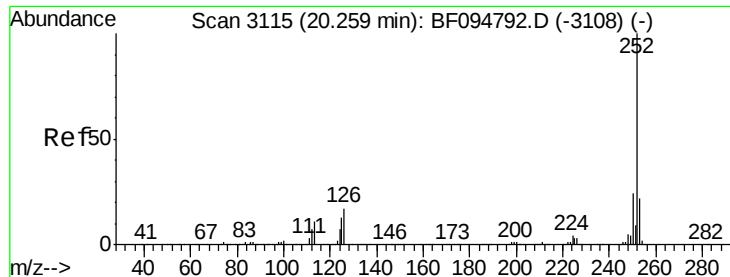
Lab File: BF094903.D

Acq: 5 May 2017 7:28

Tgt Ion:	252	Resp:	488689
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	14.2	13.1	19.7

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





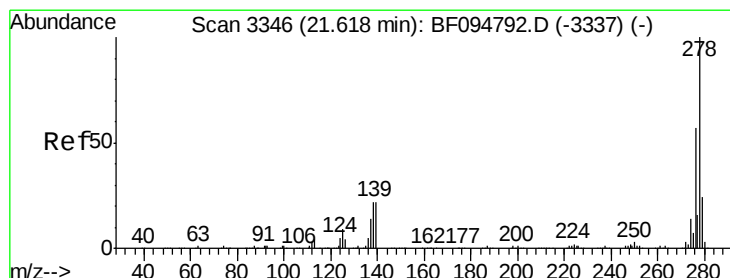
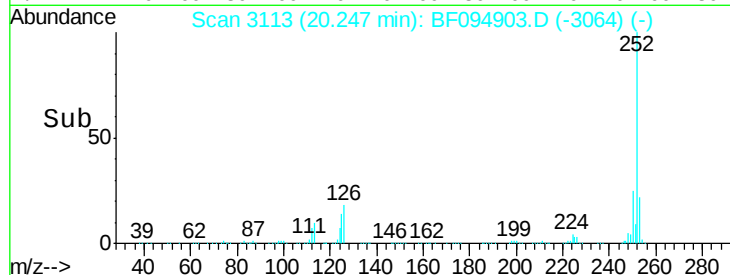
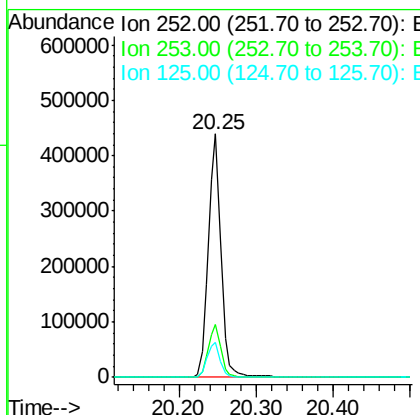
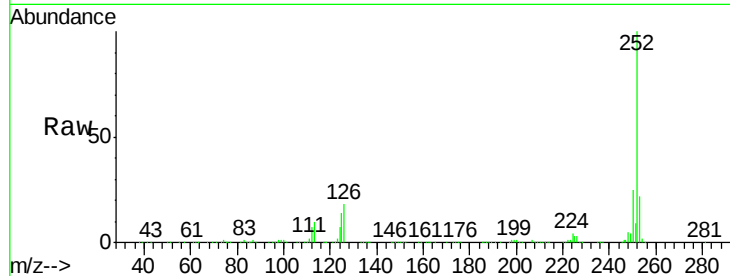
#89
Benzo(a)pyrene
Concen: 47.91 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.2	11.0	16.4

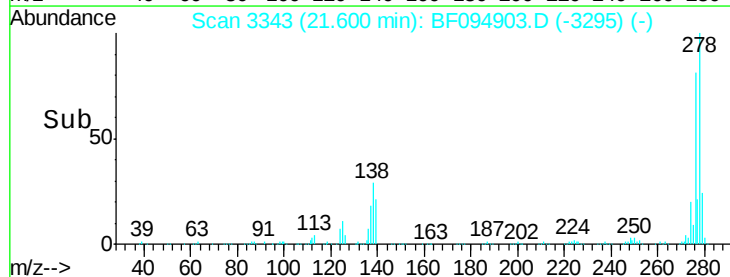
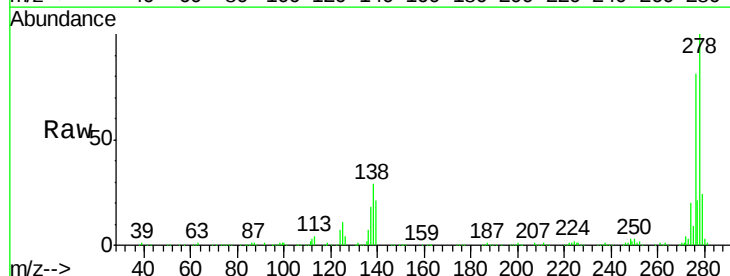
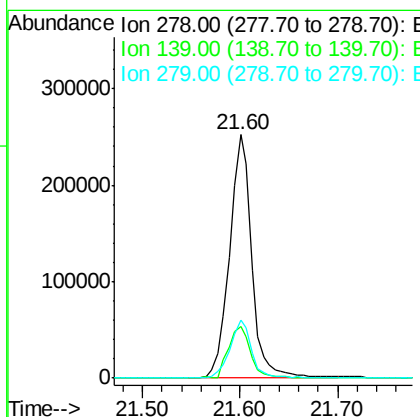
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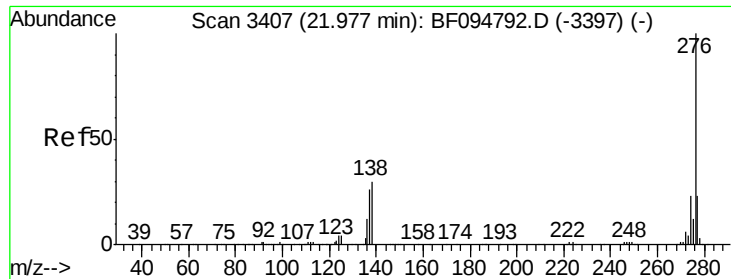
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.01 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 44.37 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:	276	Resp:	370798
Ion Ratio		Lower	Upper
276	100		
277	22.9	18.6	28.0
138	29.1	25.4	38.0

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