

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094902.D
 Acq On : 5 May 2017 6:56
 Operator : SJ/MA
 Sample : I2932-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations
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mohammad
 5/5/2017 5:23:47 PM

Quant Time: May 05 08:18:55 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	88096	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	365082	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	173780	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	297471	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	200864	20.00	ng	-0.02
86) Perylene-d12	20.30	264	181698	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	700184	132.51	ng	0.01
7) Phenol-d6	7.28	99	813337	128.29	ng	0.00
23) Nitrobenzene-d5	8.62	82	539694	93.22	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	202306	142.15	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1101607	91.24	ng	0.00
78) Terphenyl-d14	17.30	244	891568	97.76	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.21	88	88739	34.24	ng	97
3) Pyridine	2.84	79	185434	30.87	ng	98
4) n-Nitrosodimethylamine	2.76	42	107555	42.96	ng	87
6) Aniline	7.23	93	160542	20.06	ng	90
8) 2-Chlorophenol	7.42	128	289075	48.06	ng	95
9) Benzaldehyde	7.05	77	30731	7.94	ng	98
10) Phenol	7.29	94	287276	43.00	ng	91
11) bis(2-Chloroethyl)ether	7.36	93	252803	45.84	ng	96
12) 1,3-Dichlorobenzene	7.63	146	273632	40.11	ng	96
13) 1,4-Dichlorobenzene	7.75	146	284457	41.11	ng	97
14) 1,2-Dichlorobenzene	7.98	146	275818	42.71	ng	96
15) Benzyl Alcohol	8.01	79	236637	58.03	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	333944	42.78	ng	75
17) 2-Methylphenol	8.22	107	231393	47.01	ng	94
18) Hexachloroethane	8.51	117	88154	37.61	ng	87
19) n-Nitroso-di-n-propylamine	8.44	70	206581	48.18	ng	94
20) 3+4-Methylphenols	8.48	107	301575	45.09	ng	# 57
22) Acetophenone	8.40	105	417437	47.66	ng	# 83
24) Nitrobenzene	8.65	77	278875	45.96	ng	94
25) Isophorone	9.05	82	508867	49.22	ng	95
26) 2-Nitrophenol	9.16	139	155328	47.44	ng	99
27) 2,4-Dimethylphenol	9.30	122	260365	49.18	ng	99
28) bis(2-Chloroethoxy)methane	9.42	93	329681	46.10	ng	99
29) 2,4-Dichlorophenol	9.58	162	255092	51.03	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	238178	44.47	ng	99
31) Naphthalene	9.78	128	819353	44.65	ng	100
32) Benzoic acid	9.62	122	152364	44.27	ng	94
33) 4-Chloroaniline	9.93	127	52113	7.62	ng	95
34) Hexachlorobutadiene	10.00	225	116710	41.30	ng	98
35) Caprolactam	10.54	113	68104m	45.37	ng	
36) 4-Chloro-3-methylphenol	10.77	107	261217	48.87	ng	88
37) 2-Methylnaphthalene	10.90	142	586001	48.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	233875	43.76	ng	99
40) Hexachlorocyclopentadiene	11.16	237	109629	51.16	ng	99

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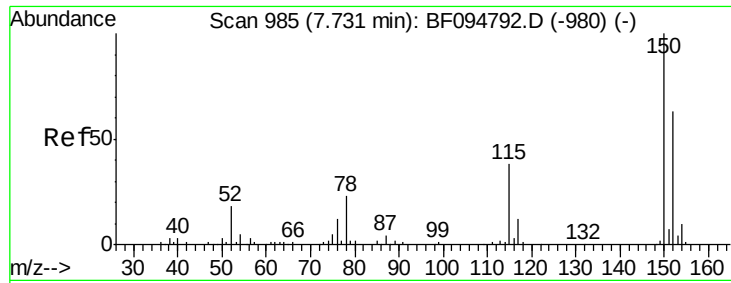
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	170332	47.74	ng	96
43) 2,4,5-Trichlorophenol	11.49	196	176248	45.96	ng #	93
45) 1,1'-Biphenyl	11.67	154	647804	44.28	ng	98
46) 2-Chloronaphthalene	11.68	162	508668	43.06	ng	95
47) 2-Nitroaniline	11.89	65	157523	48.71	ng #	85
48) Acenaphthylene	12.34	152	854613	46.18	ng	99
49) Dimethylphthalate	12.22	163	634435	44.47	ng	98
50) 2,6-Dinitrotoluene	12.31	165	145681	50.05	ng	95
51) Acenaphthene	12.63	154	520989	47.14	ng	99
52) 3-Nitroaniline	12.57	138	70624	22.61	ng #	89
53) 2,4-Dinitrophenol	12.77	184	110947	70.05	ng #	66
54) Dibenzofuran	12.91	168	784786	51.31	ng	99
55) 4-Nitrophenol	12.95	139	176135	93.88	ng #	78
56) 2,4-Dinitrotoluene	12.97	165	187827	50.22	ng #	86
57) Fluorene	13.47	166	634199	47.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	123632	51.22	ng #	97
59) Diethylphthalate	13.37	149	597446	43.69	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	279125	47.75	ng	90
61) 4-Nitroaniline	13.58	138	129487	45.15	ng	97
62) Azobenzene	13.75	77	577497	52.56	ng	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	76170	38.20	ng #	70
65) n-Nitrosodiphenylamine	13.70	169	520275	48.19	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	155080	49.35	ng	97
67) Hexachlorobenzene	14.36	284	151925	47.17	ng #	85
68) Atrazine	14.62	200	136829	44.89	ng	97
69) Pentachlorophenol	14.71	266	139911	94.90	ng	97
70) Phenanthrene	15.01	178	842404	49.29	ng	98
71) Anthracene	15.09	178	847734	48.56	ng	98
72) Carbazole	15.38	167	781440	49.19	ng	98
73) Di-n-butylphthalate	15.95	149	965985	48.76	ng	99
74) Fluoranthene	16.75	202	795365	45.36	ng	98
76) Benzidine	16.99	184	10727	8.29	ng #	87
77) Pyrene	17.05	202	771304	51.34	ng	99
79) Butylbenzylphthalate	17.96	149	369085	52.82	ng	93
80) Benzo(a)anthracene	18.62	228	575520	49.23	ng	99
81) 3,3'-Dichlorobenzidine	18.61	252	121085	29.99	ng #	96
82) Chrysene	18.67	228	532386	47.10	ng	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	484591	48.67	ng	99
84) Di-n-octyl phthalate	19.47	149	810610	49.66	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	494916	53.92	ng	99
87) Benzo(b)fluoranthene	19.89	252	566174	50.43	ng	98
88) Benzo(k)fluoranthene	19.92	252	517742	47.81	ng	97
89) Benzo(a)pyrene	20.25	252	509969	49.22	ng	100
90) Dibenzo(a,h)anthracene	21.60	278	416993	48.74	ng	97
91) Benzo(g,h,i)perylene	21.96	276	400021	47.64	ng	97

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



#1

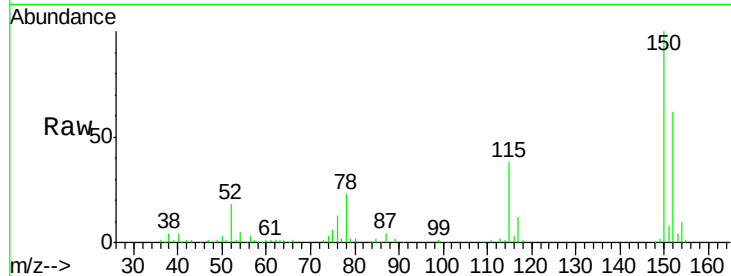
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
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TP-1MS

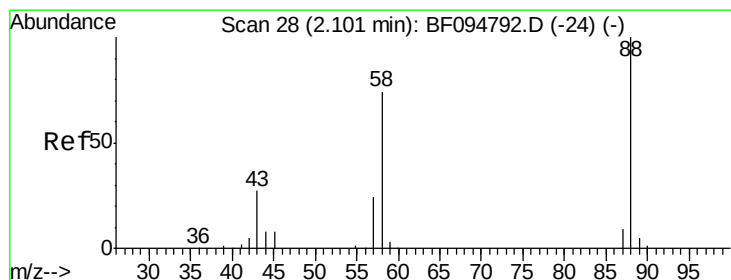
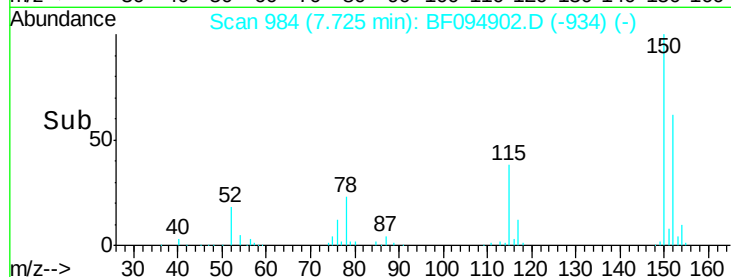
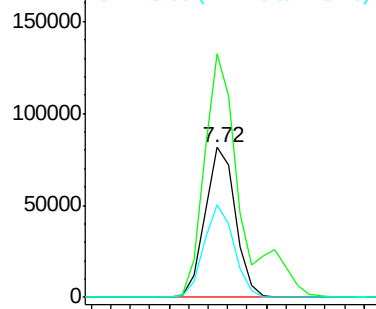
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.2	189.2
115	61.6	52.2	78.2

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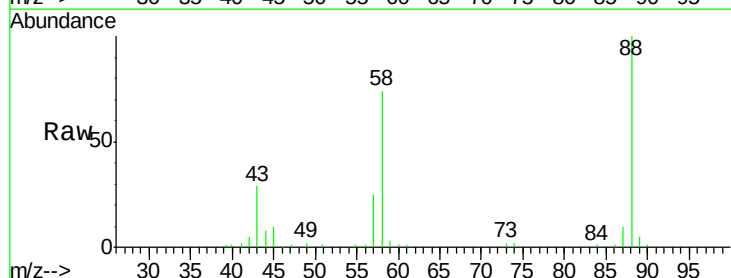
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



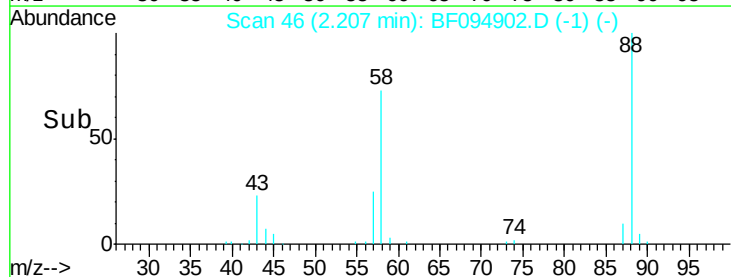
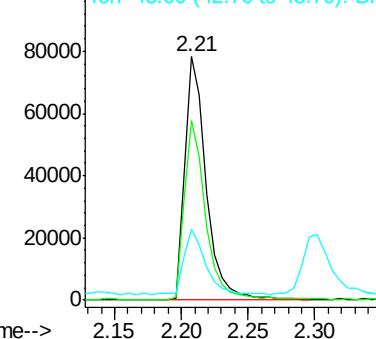
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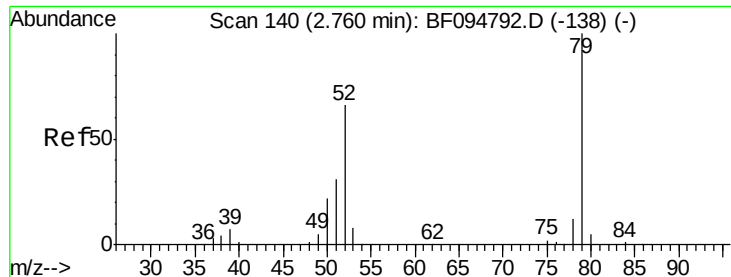
1,4-Dioxane
Concen: 34.24 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.11 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	61.4	92.0
43	27.3	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: 30.87 ng

RT: 2.84 min Scan# 154

Delta R.T. 0.08 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

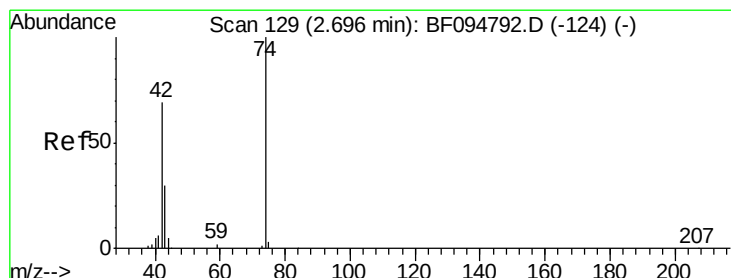
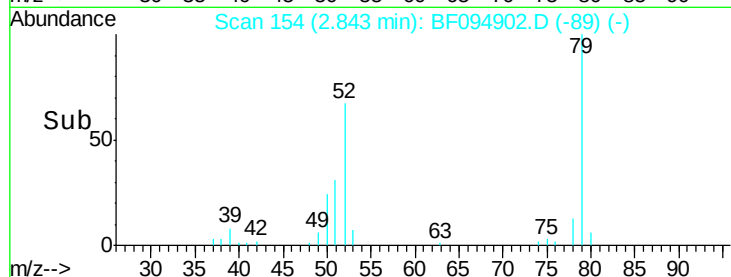
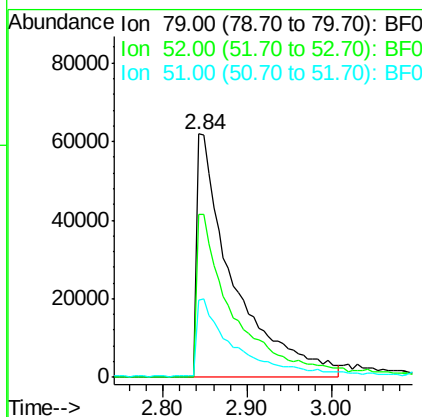
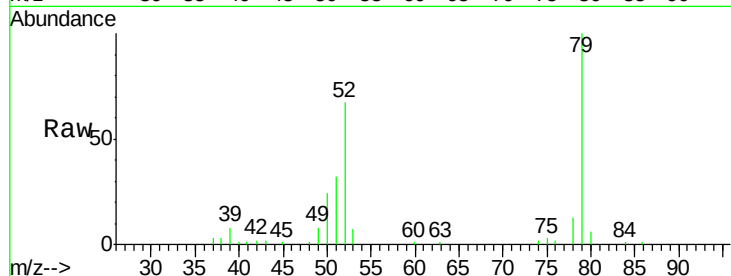
ClientSampleId :

TP-1MS

Tgt Ion:	79	Resp:	185434
Ion	Ratio	Lower	Upper
79	100		
52	66.8	54.8	82.2
51	31.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 42.96 ng

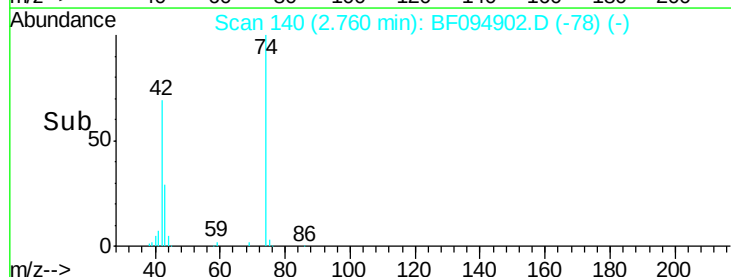
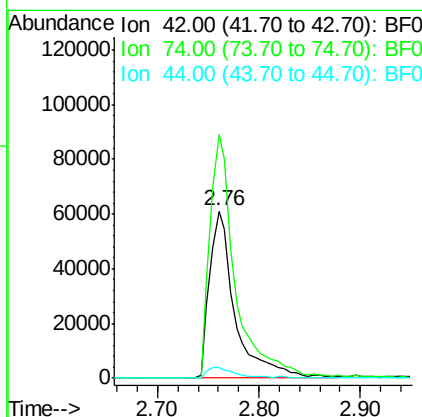
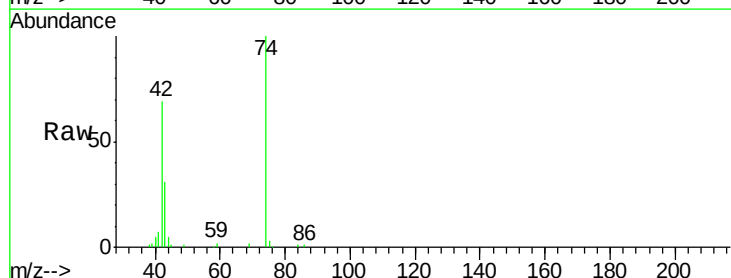
RT: 2.76 min Scan# 140

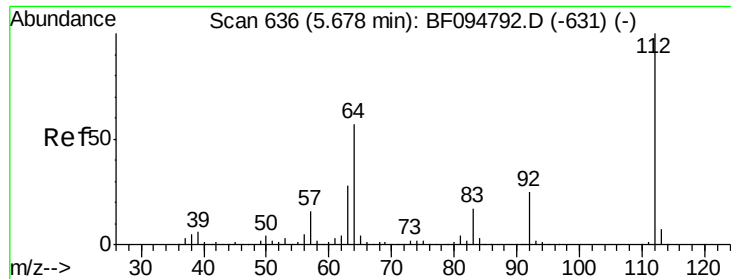
Delta R.T. 0.06 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion:	42	Resp:	107555
Ion	Ratio	Lower	Upper
42	100		
74	145.7	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 132.51 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

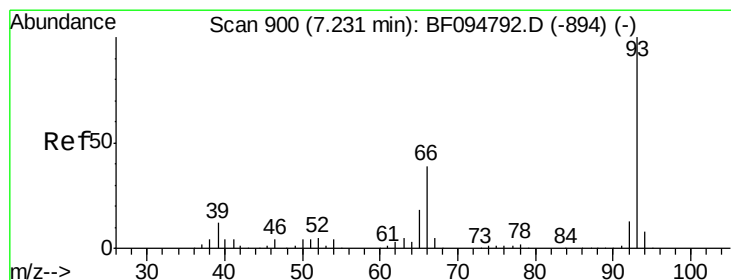
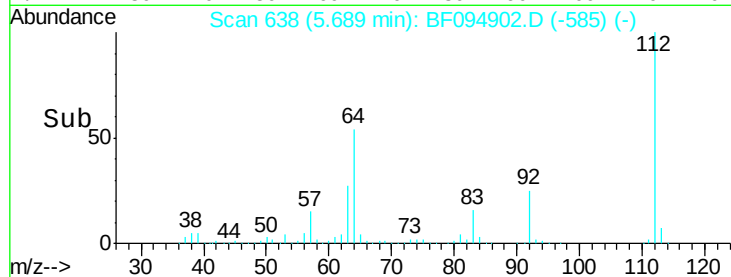
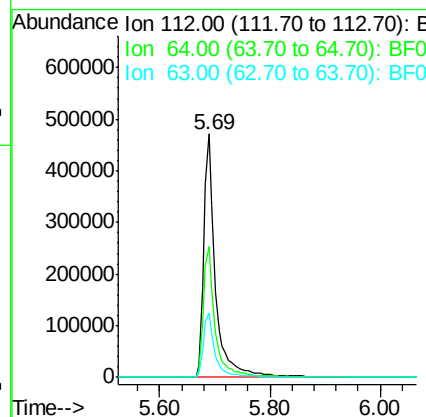
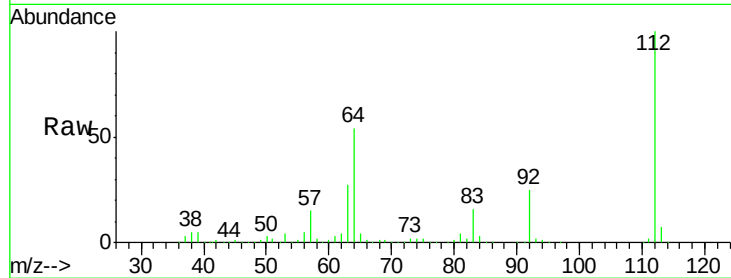
ClientSampleId :

TP-1MS

Tgt Ion:	112	Resp:	700184
Ion Ratio	Lower	Upper	
112	100		
64	54.0	46.0	69.0
63	26.7	23.4	35.0

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#6

Aniline

Concen: 20.06 ng

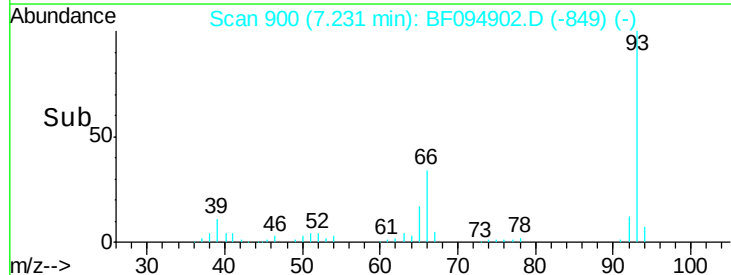
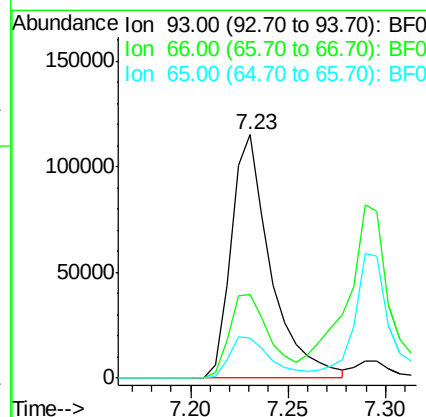
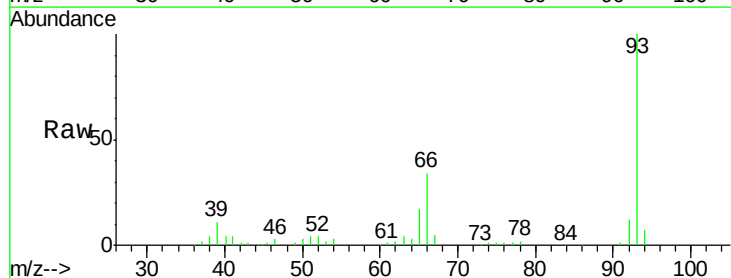
RT: 7.23 min Scan# 900

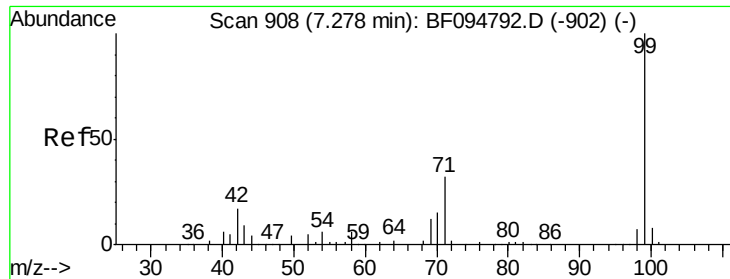
Delta R.T. 0.00 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion:	93	Resp:	160542
Ion Ratio	Lower	Upper	
93	100		
66	34.1	32.9	49.3
65	16.7	16.0	24.0





#7

Phenol-d6

Concen: 128.29 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

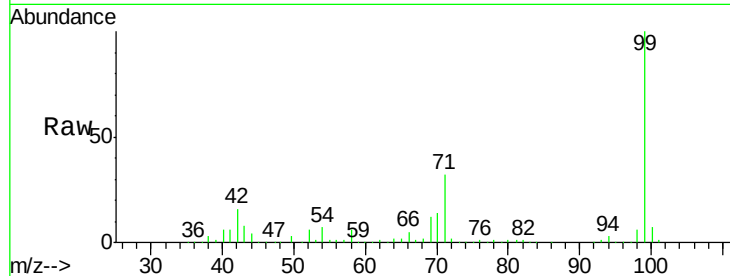
ClientSampled :

TP-1MS

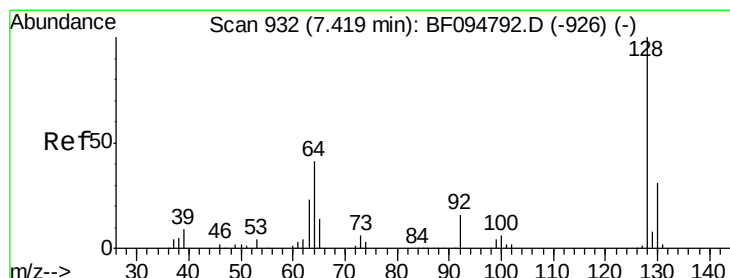
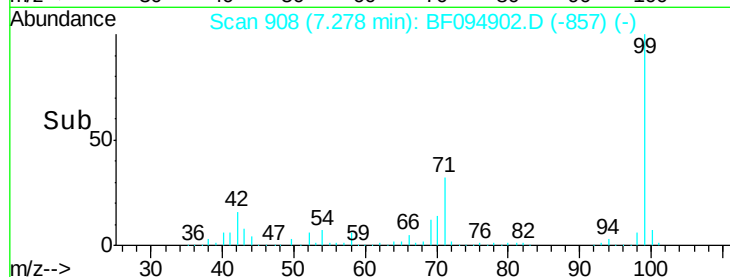
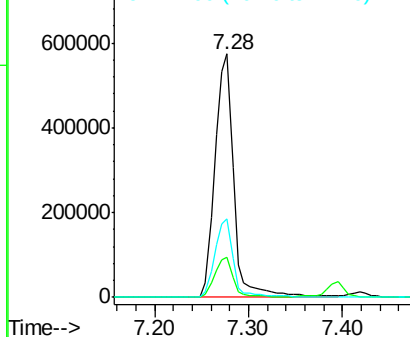
Tgt Ion:	99	Resp:	813337
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.3	24.5	36.7

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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: 48.06 ng

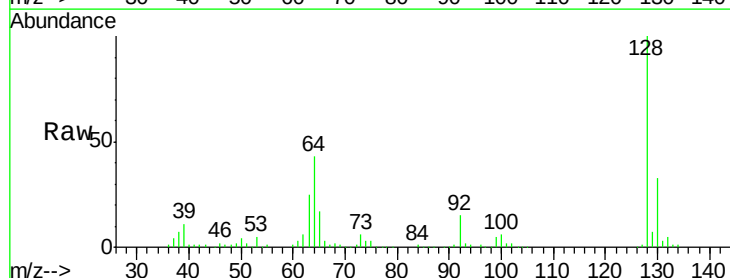
RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

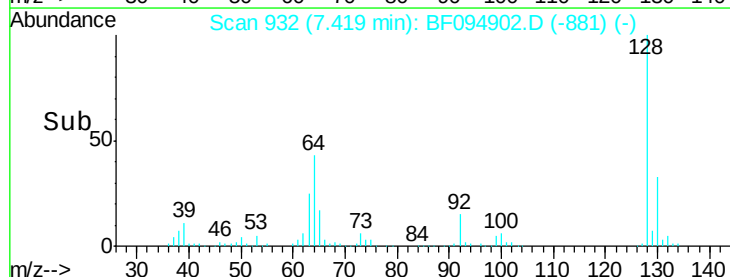
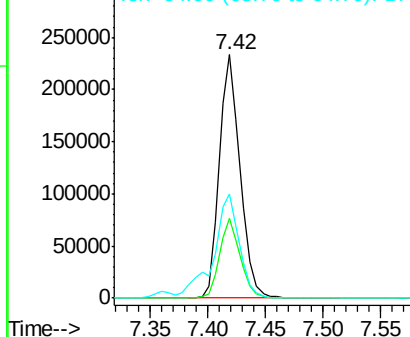
Lab File: BF094902.D

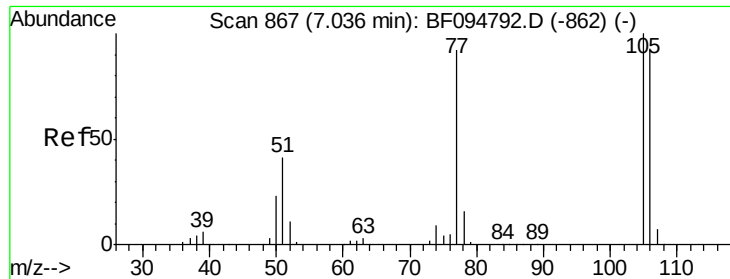
Acq: 5 May 2017 6:56

Tgt Ion:	128	Resp:	289075
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	42.5	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: 7.94 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

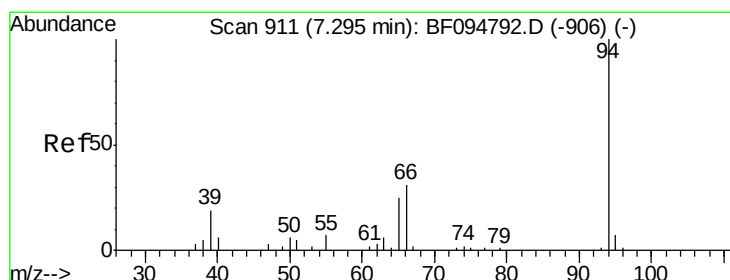
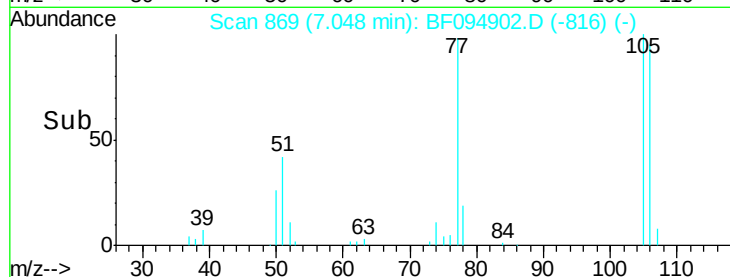
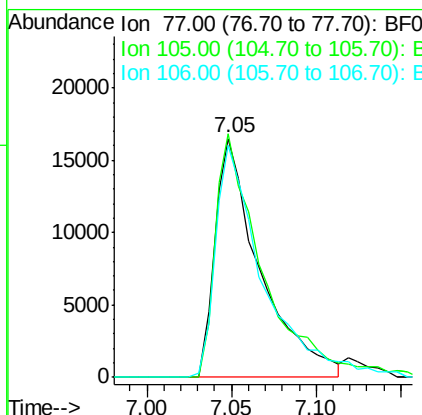
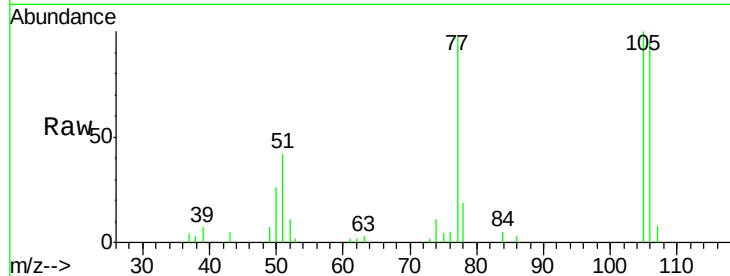
ClientSampleId :

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Tgt Ion: 77 Resp: 30731
 Ion Ratio Lower Upper
 77 100
 105 101.8 83.8 123.8
 106 97.1 79.1 119.1

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#10

Phenol

Concen: 43.00 ng

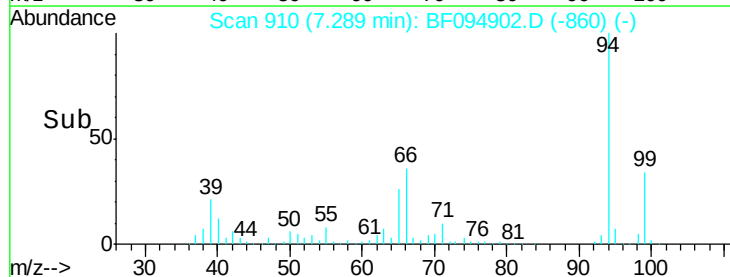
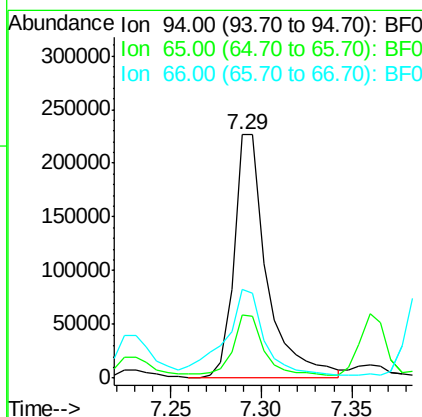
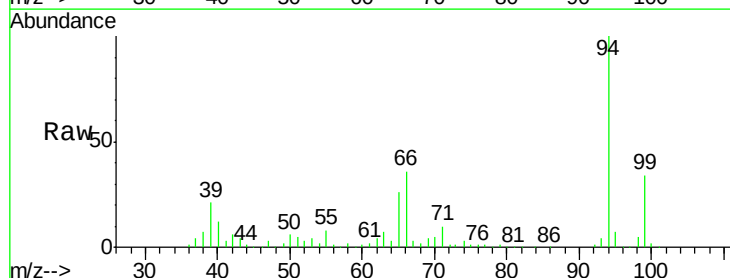
RT: 7.29 min Scan# 910

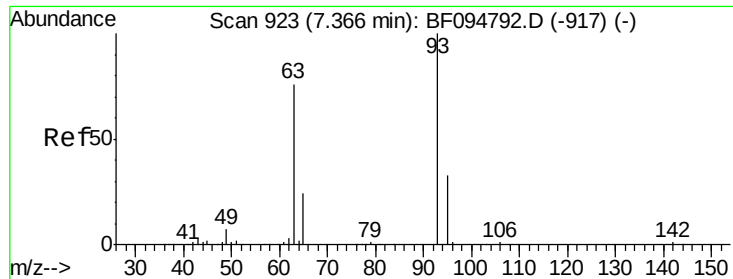
Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion: 94 Resp: 287276
 Ion Ratio Lower Upper
 94 100
 65 25.9 9.9 49.9
 66 36.2 23.1 63.1





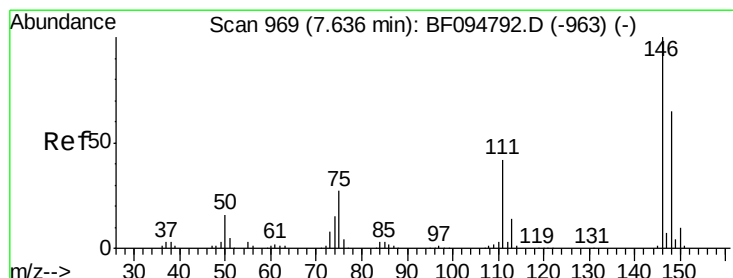
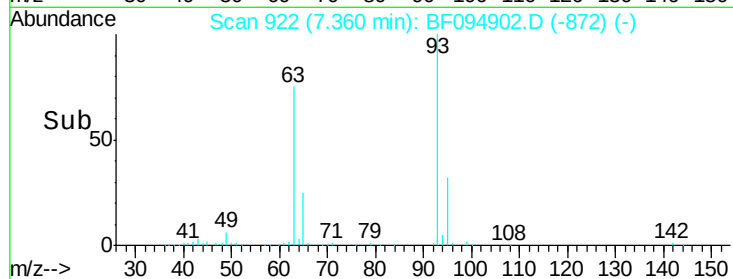
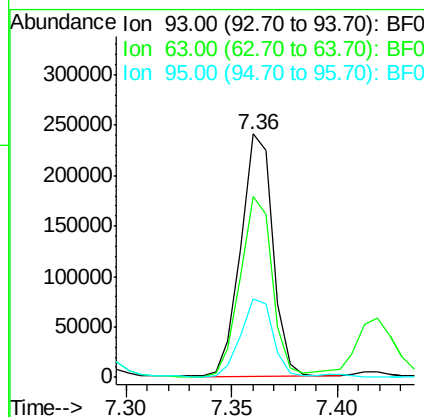
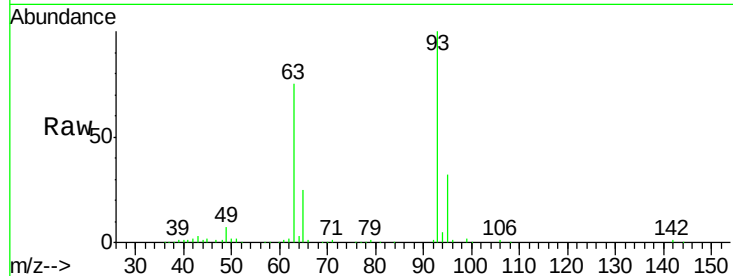
#11
bis(2-Chloroethyl)ether
Concen: 45.84 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252803		
63	74.5	59.2	99.2	
95	32.4	12.8	52.8	

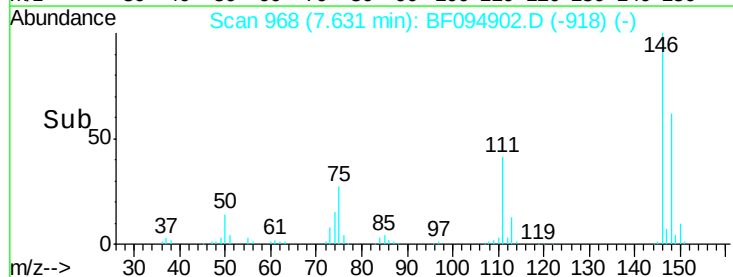
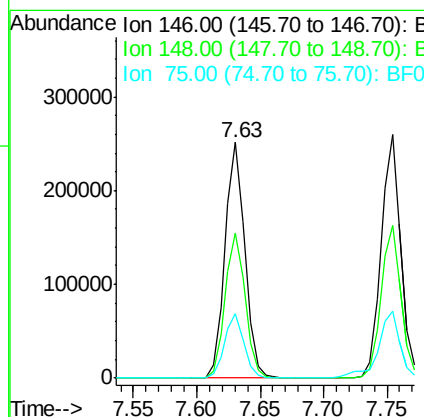
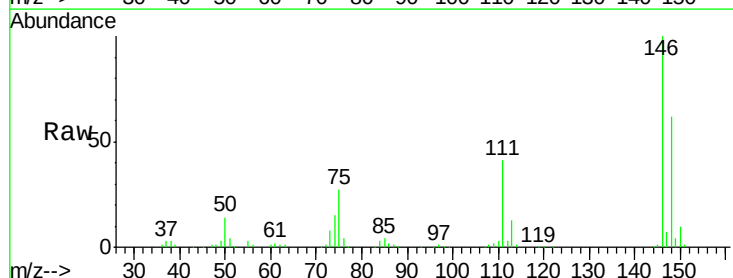
Manual Integrations
APPROVED

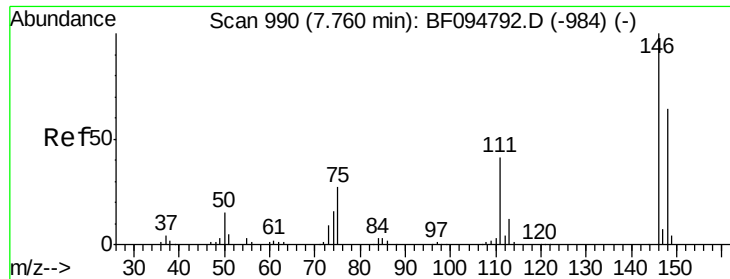
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.11 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	273632		
148	61.6	51.8	77.6	
75	27.4	23.1	34.7	





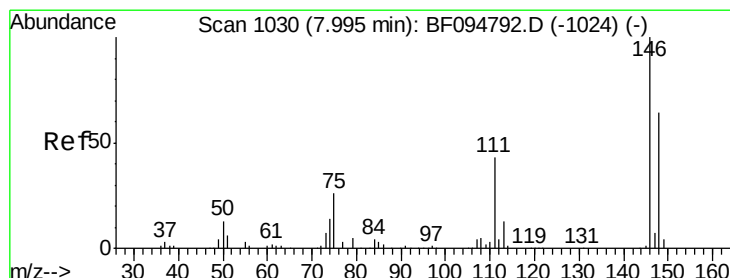
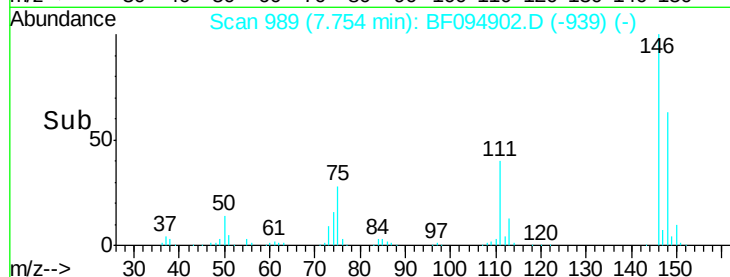
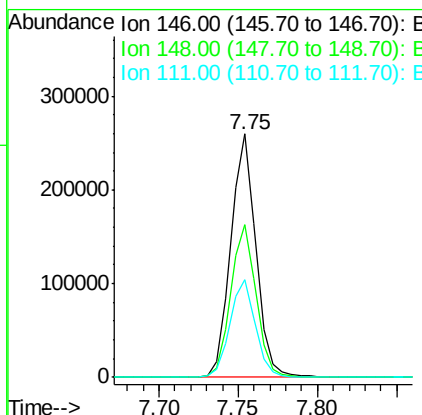
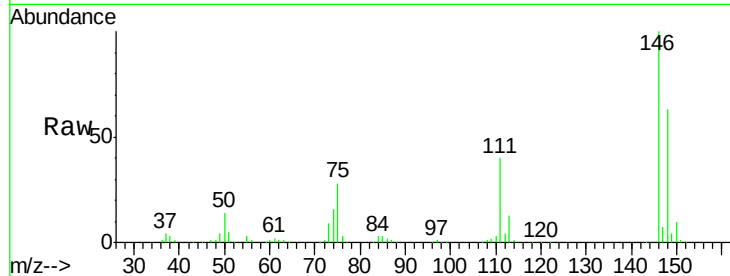
#13
1,4-Dichlorobenzene
Concen: 41.11 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284457		
148	62.8		52.2	78.2
111	39.9		30.3	45.5

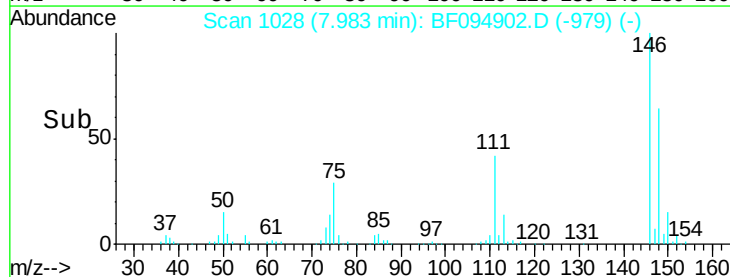
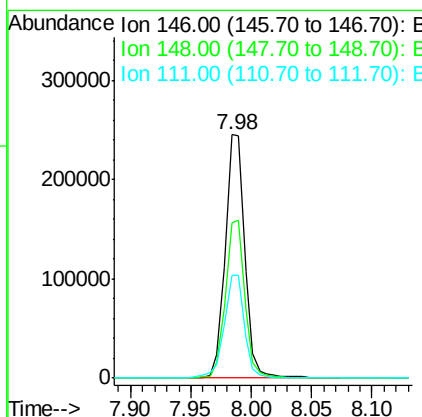
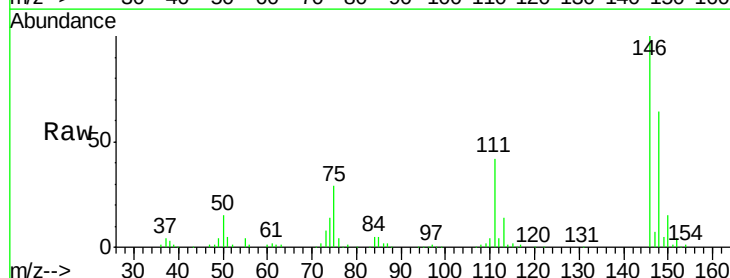
Manual Integrations
APPROVED

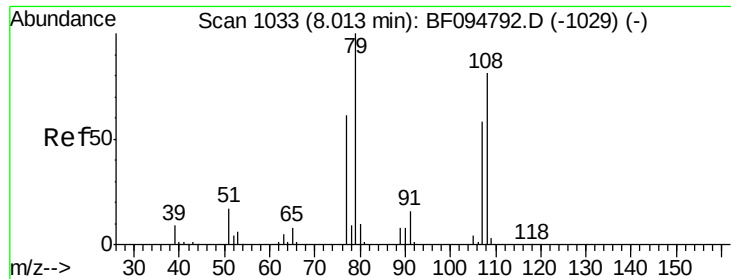
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.71 ng
RT: 7.98 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275818		
148	63.8		50.4	75.6
111	42.2		38.2	57.4





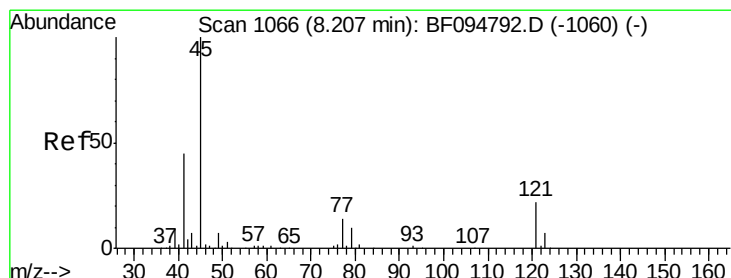
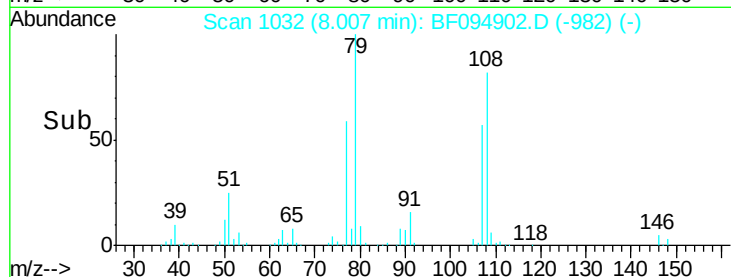
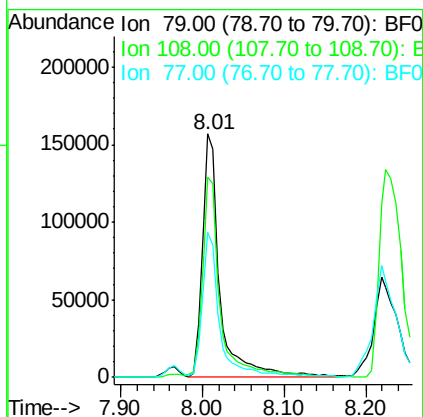
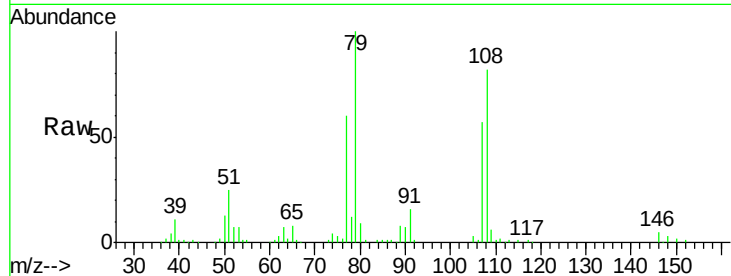
#15
Benzyl Alcohol
Concen: 58.03 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.0	63.4	95.0
77	59.6	49.2	73.8

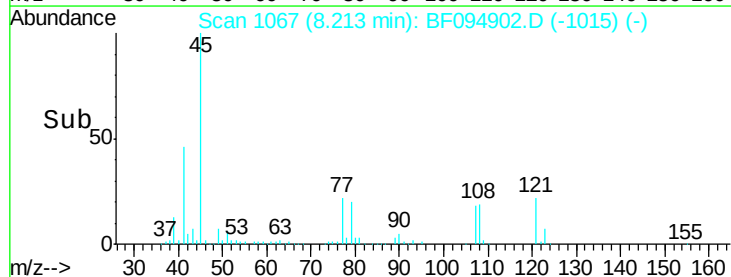
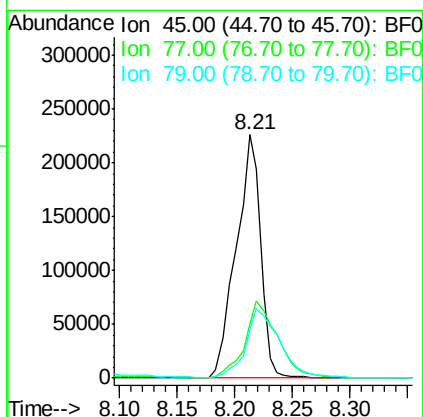
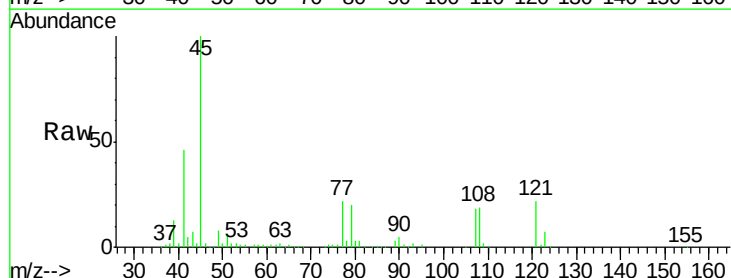
Manual Integrations
APPROVED

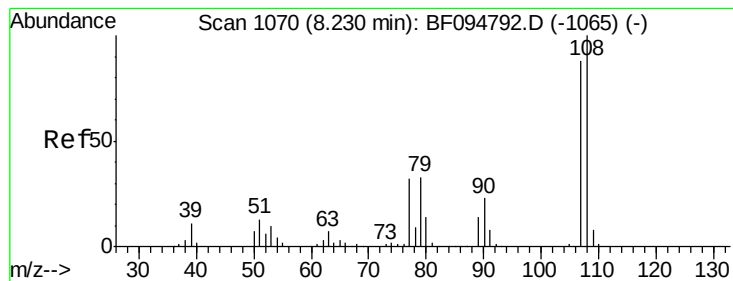
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.78 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.0	33.2
79	20.2	0.0	30.0





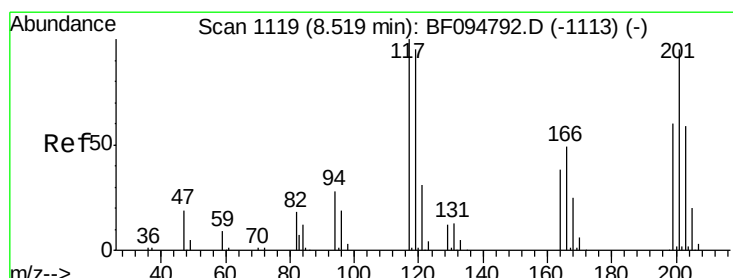
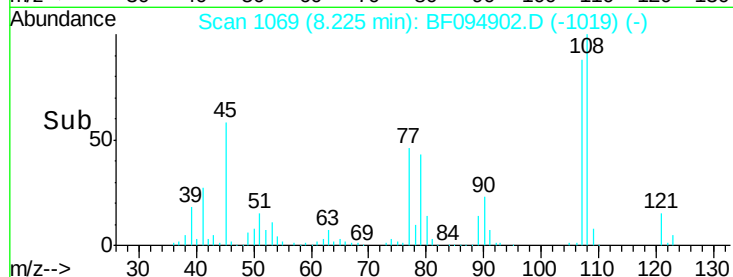
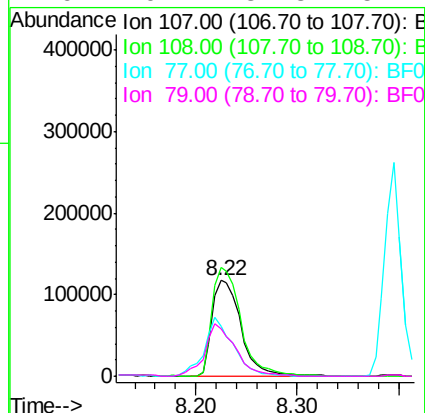
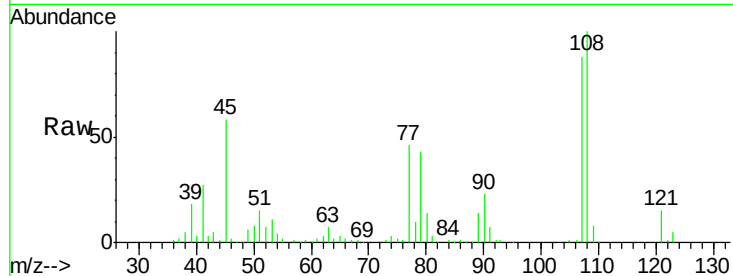
#17
 2-Methylphenol
 Concen: 47.01 ng
 RT: 8.22 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	231393		
108	113.7	93.4	140.0	
77	52.5	35.8	53.6	
79	49.1	34.8	52.2	

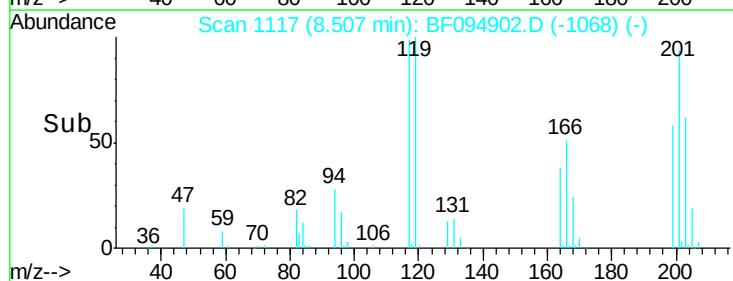
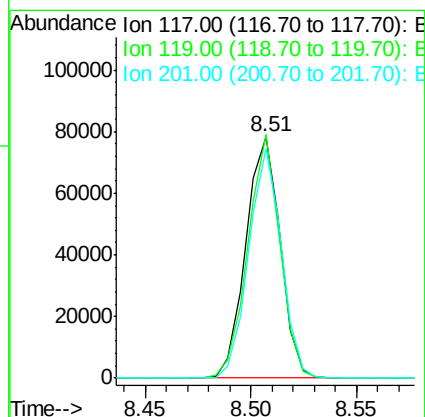
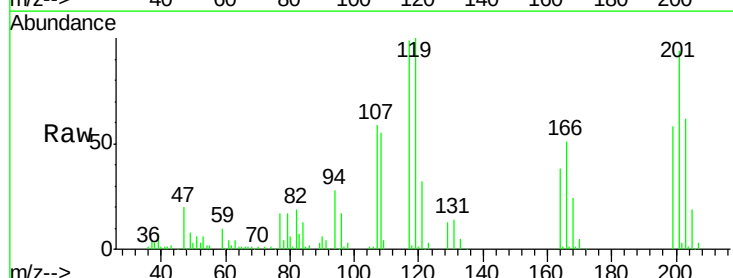
Manual Integrations
 APPROVED

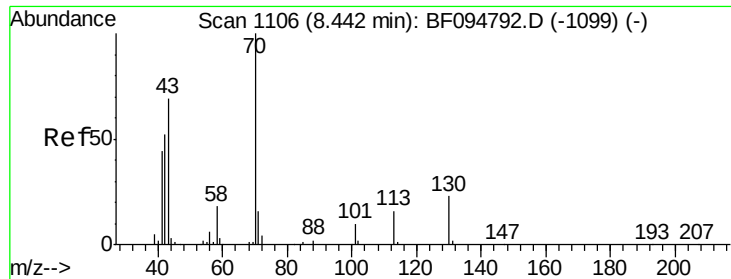
mohammad
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#18
 Hexachloroethane
 Concen: 37.61 ng
 RT: 8.51 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88154		
119	101.0	77.4	116.0	
201	95.3	94.6	141.8	





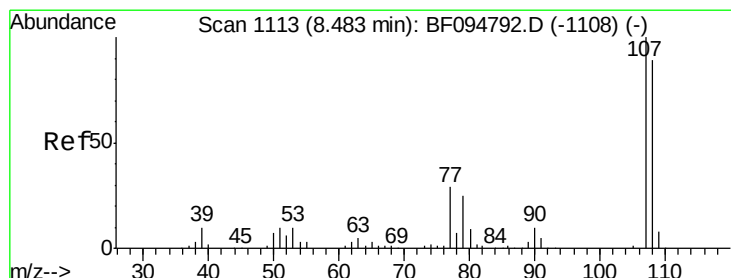
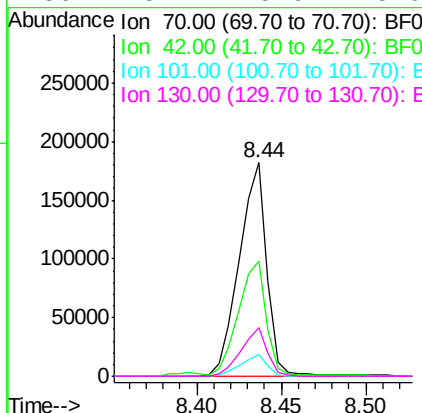
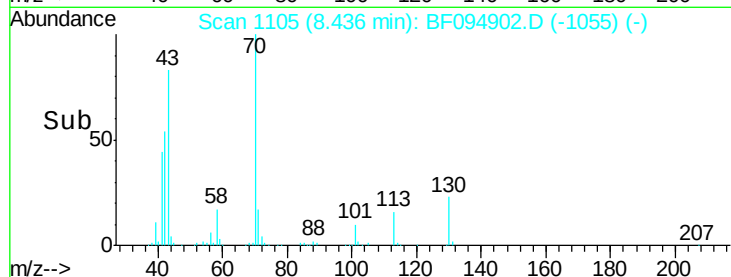
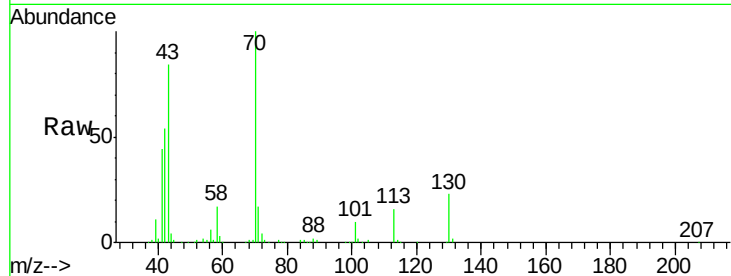
#19
n-Nitroso-di-n-propylamine
Concen: 48.18 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.2	70.8
101	9.9	7.2	10.8
130	23.1	15.9	23.9

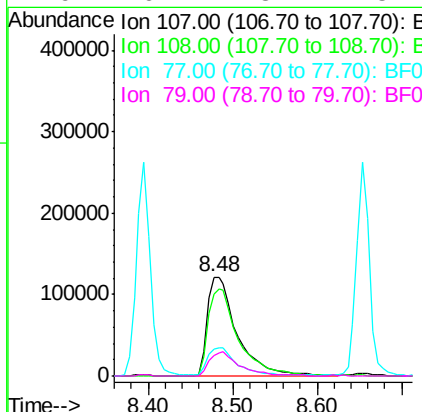
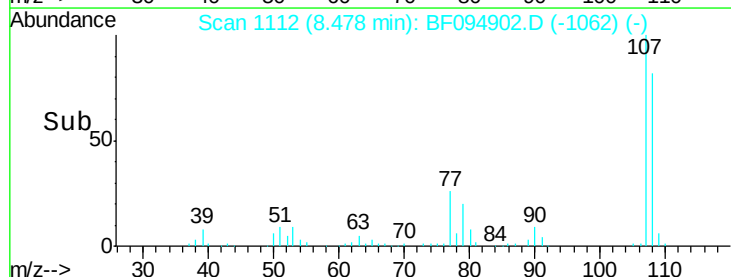
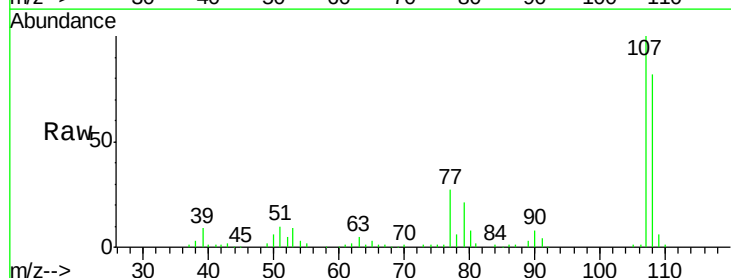
Manual Integrations
APPROVED

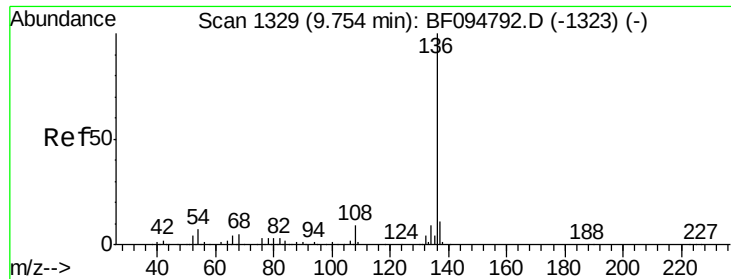
mohammad
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#20
3+4-Methylphenols
Concen: 45.09 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.5	71.0	111.0
77	27.1	90.5	130.5#
79	20.7	8.4	48.4





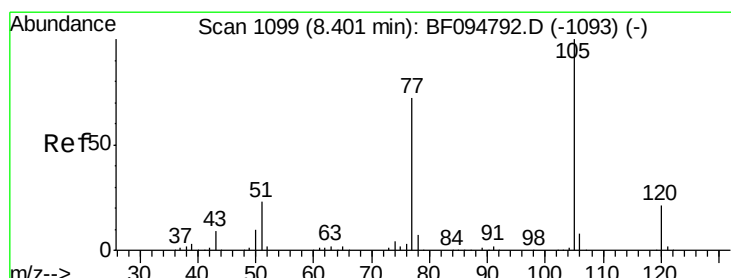
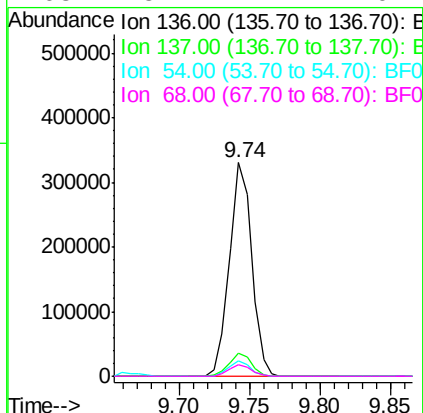
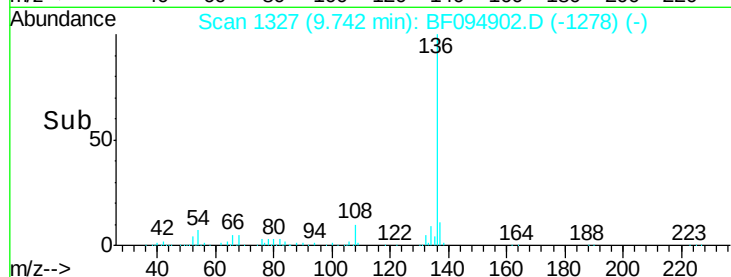
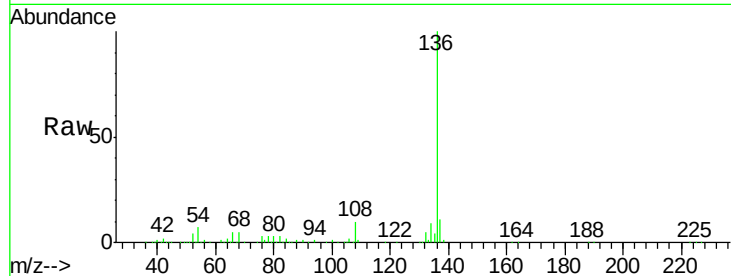
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	365082		
137	10.8	8.5	12.7	
54	6.9	4.9	7.3	
68	5.4	4.1	6.1	

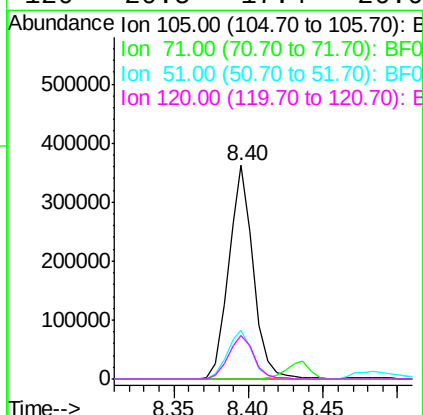
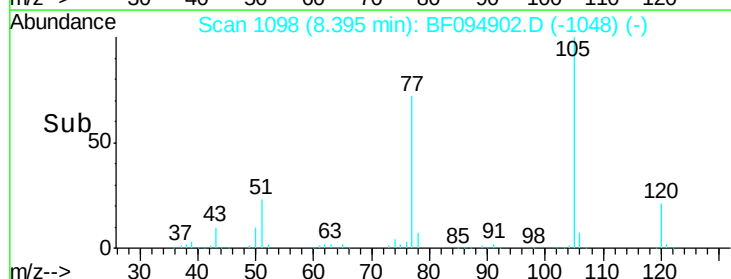
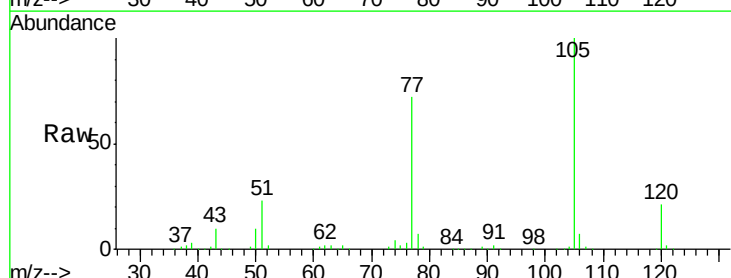
Manual Integrations
APPROVED

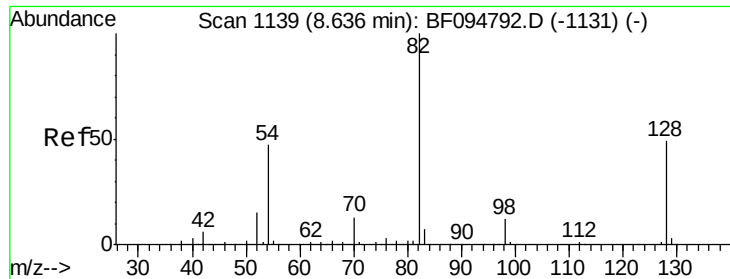
mohammad
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#22
Acetophenone
Concen: 47.66 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	417437		
71	0.0	2.8	4.2#	
51	22.9	30.7	46.1#	
120	20.5	17.4	26.0	





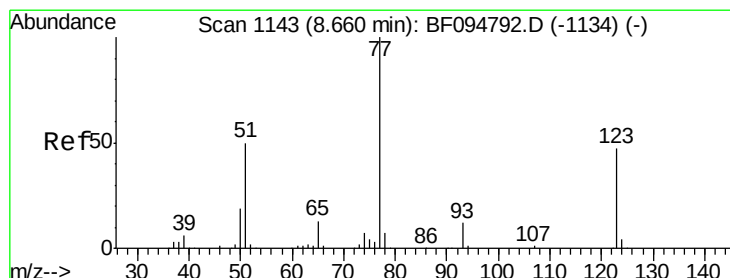
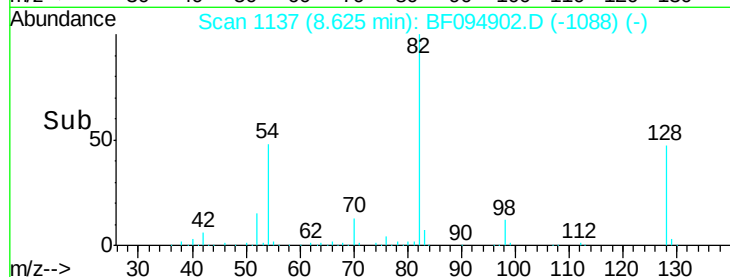
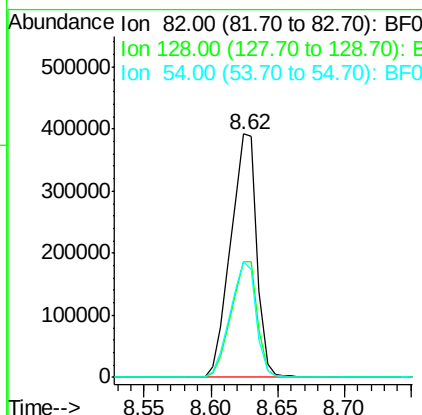
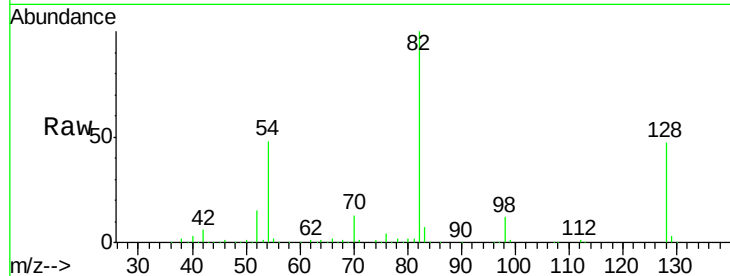
#23
 Nitrobenzene-d5
 Concen: 93.22 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	539694		
128	47.5	34.0	51.0	
54	47.7	42.2	63.2	

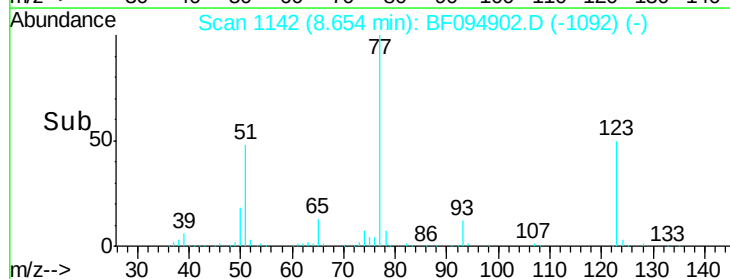
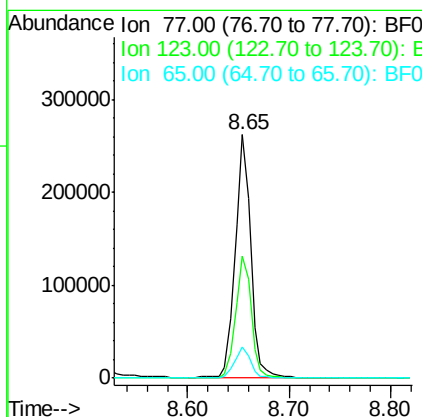
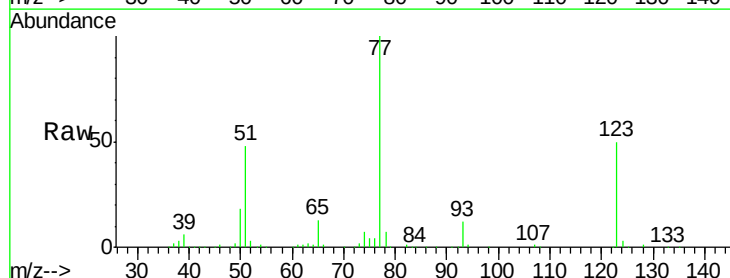
Manual Integrations
 APPROVED

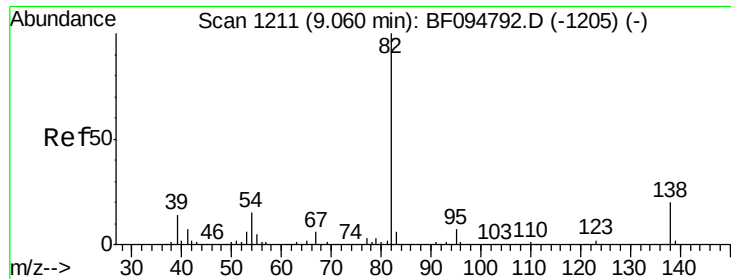
mohammad
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#24
 Nitrobenzene
 Concen: 45.96 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	278875		
123	49.9	35.8	53.8	
65	12.6	10.6	15.8	





#25

Isophorone

Concen: 49.22 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

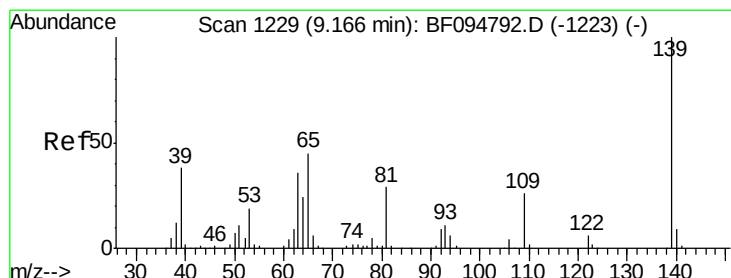
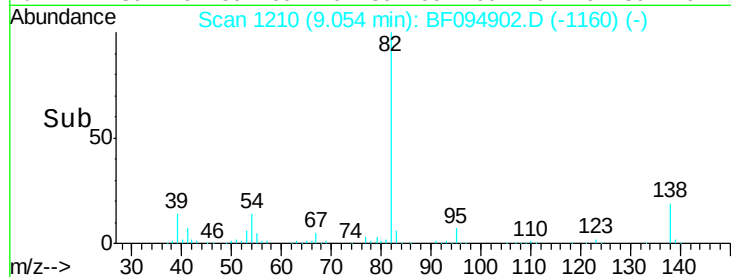
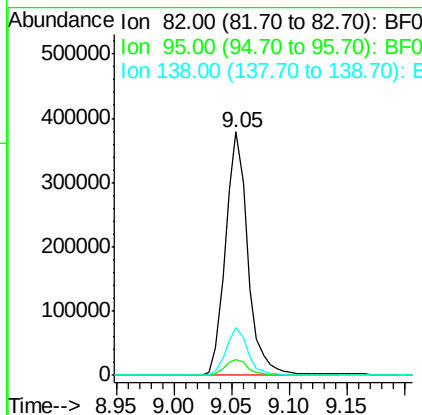
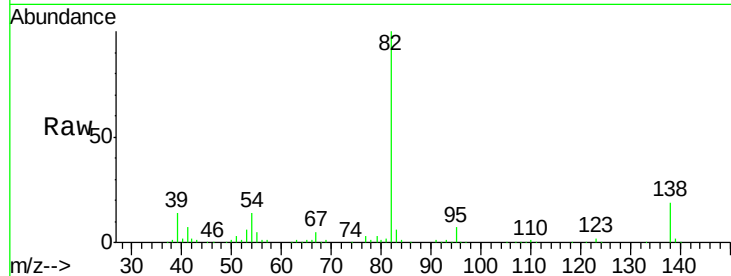
ClientSampled :

TP-1MS

Tgt Ion:	82	Resp:	508867
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	19.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.44 ng

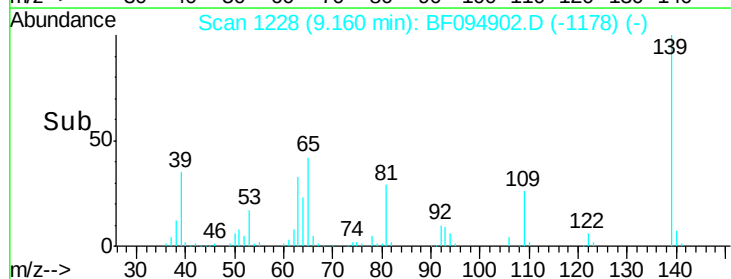
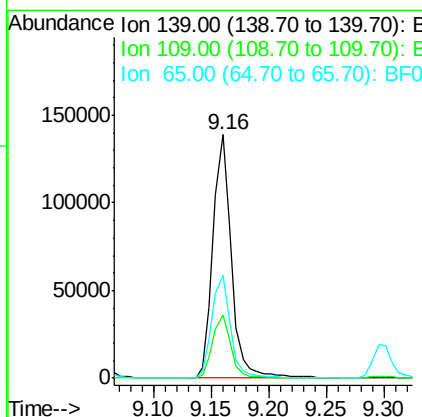
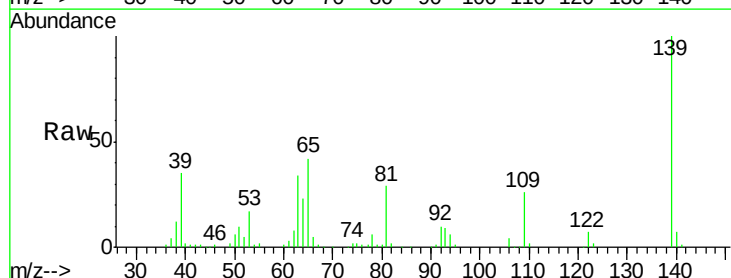
RT: 9.16 min Scan# 1228

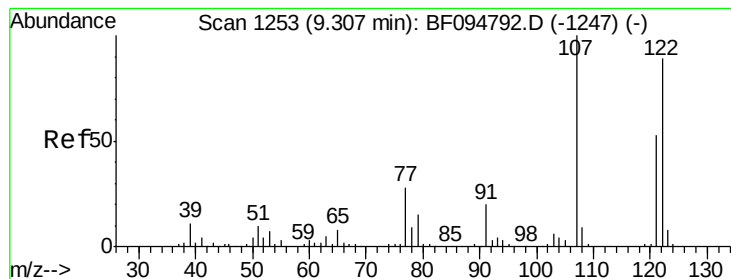
Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion:	139	Resp:	155328
Ion Ratio		Lower	Upper
139	100		
109	25.7	21.0	31.6
65	42.1	33.0	49.6





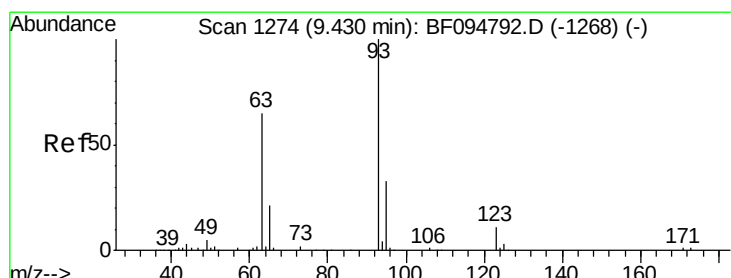
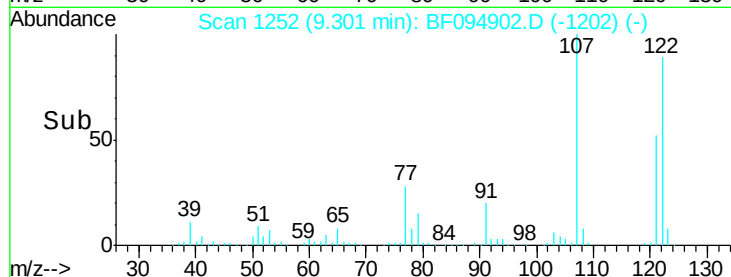
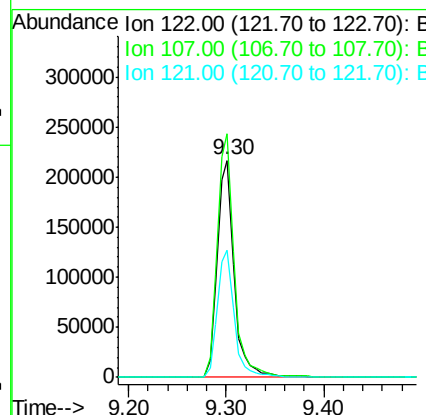
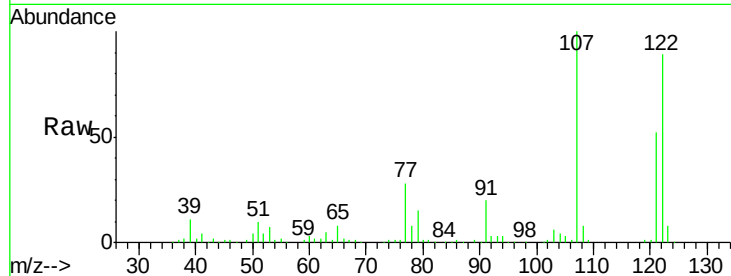
#27
 2,4-Dimethylphenol
 Concen: 49.18 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	260365		
107	112.1	89.2	133.8	
121	58.7	45.2	67.8	

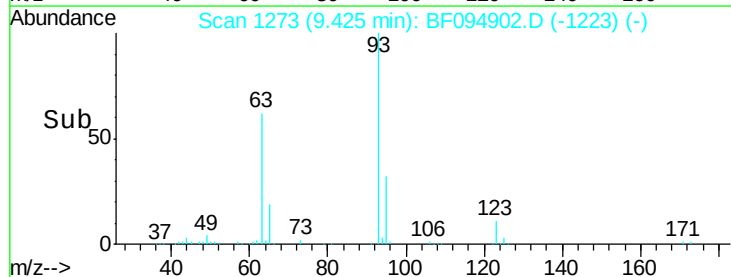
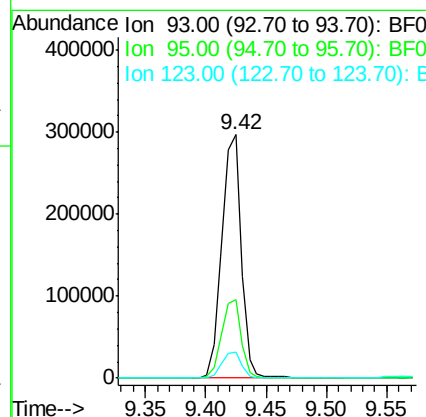
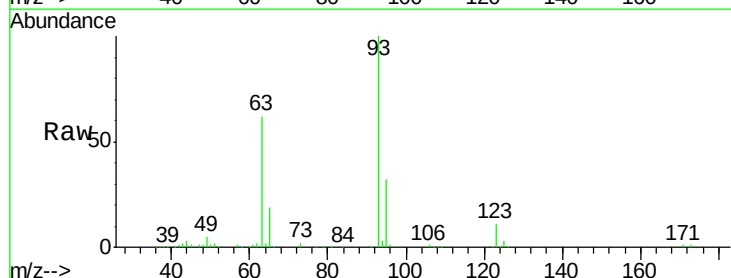
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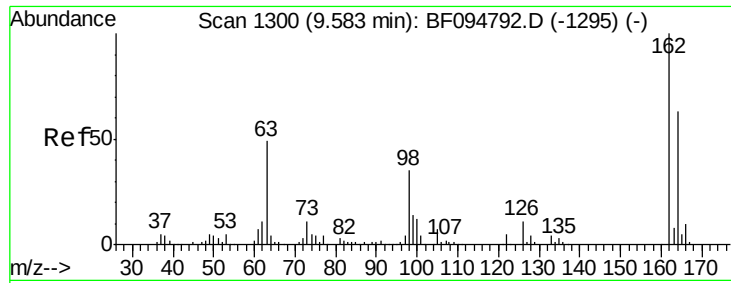
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.10 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	329681		
95	32.5	26.5	39.7	
123	10.8	9.0	13.4	





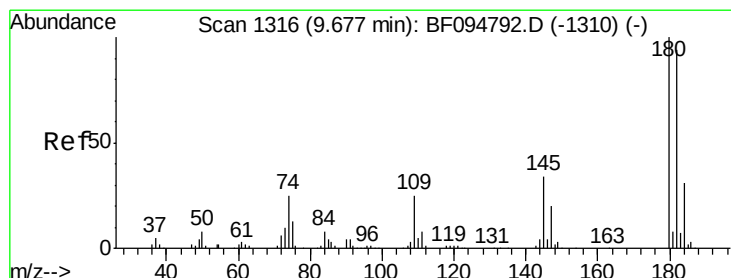
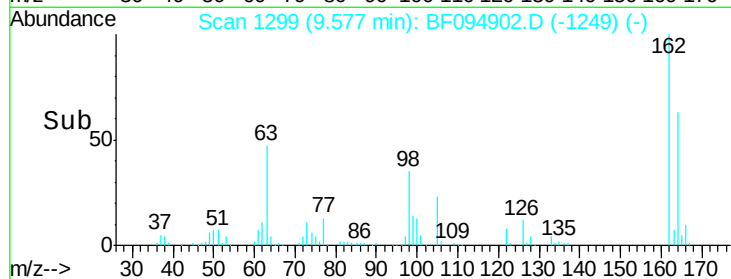
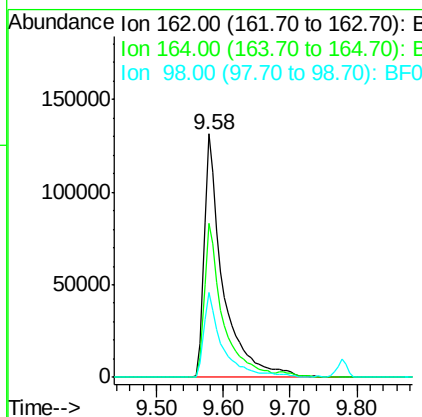
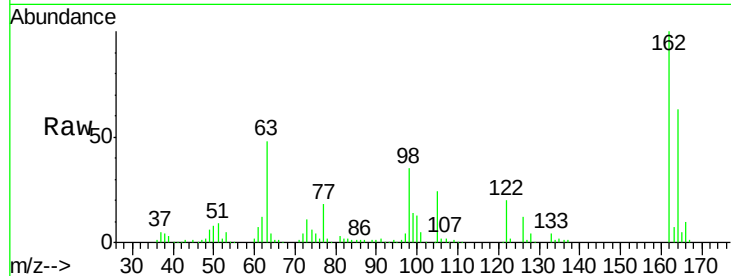
#29
 2,4-Dichlorophenol
 Concen: 51.03 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	44.6	84.6
98	34.9	14.8	54.8

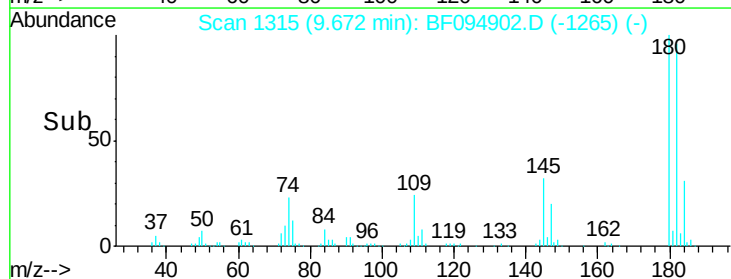
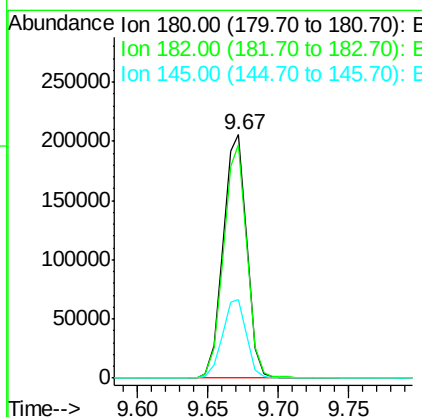
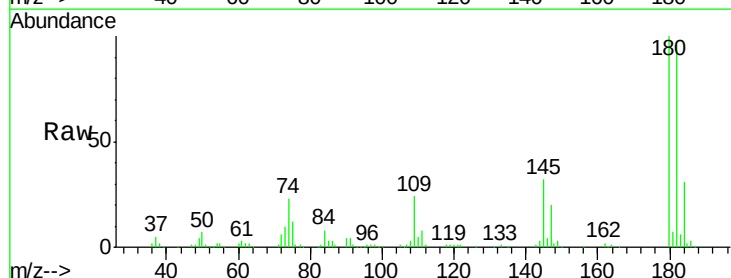
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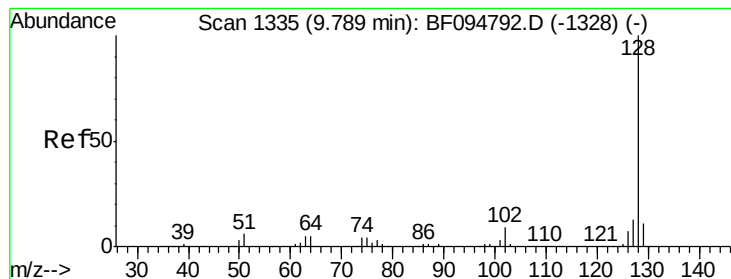
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.47 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	75.8	113.6
145	32.1	25.3	37.9





#31

Naphthalene

Concen: 44.65 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

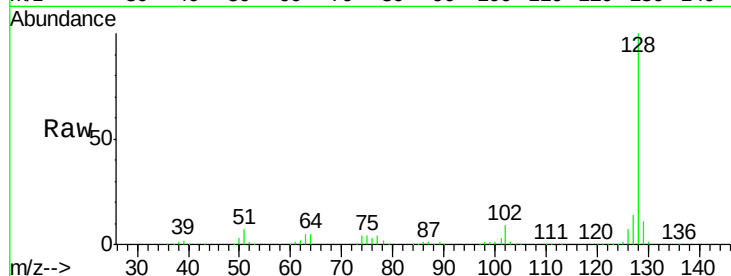
ClientSampleId :

TP-1MS

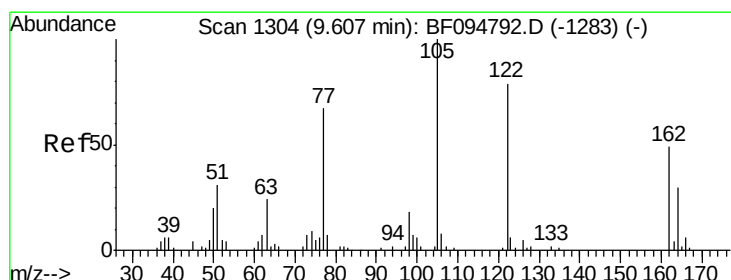
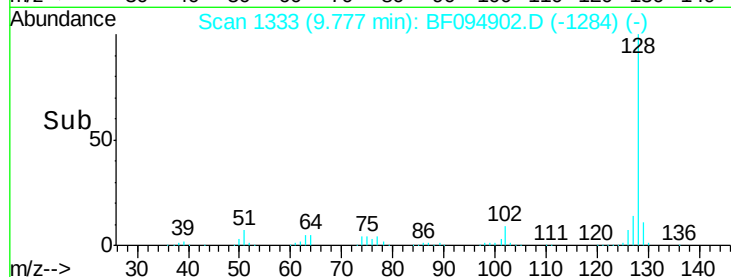
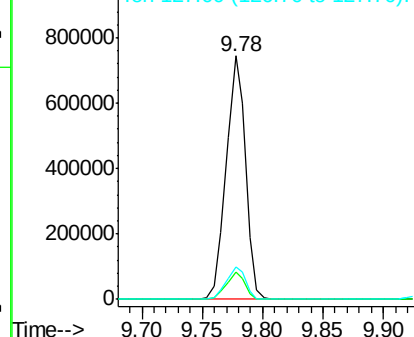
Tgt Ion:	128	Resp:	819353
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	13.5	10.8	16.2

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



#32

Benzoic acid

Concen: 44.27 ng

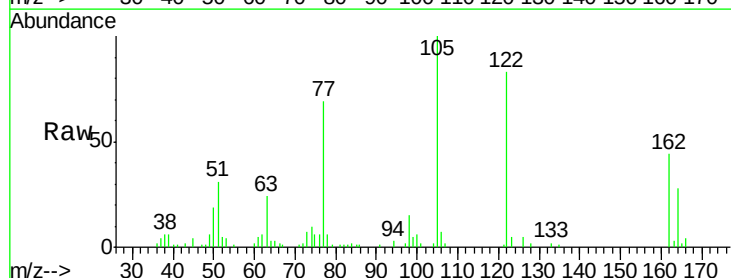
RT: 9.62 min Scan# 1306

Delta R.T. 0.01 min

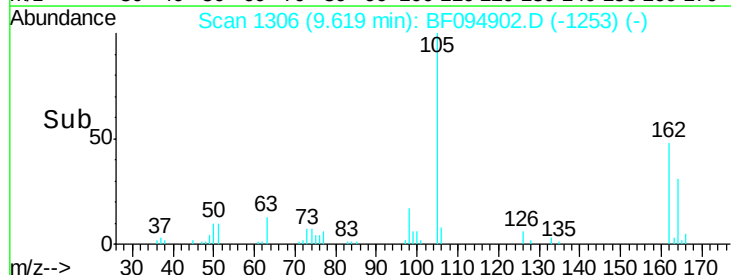
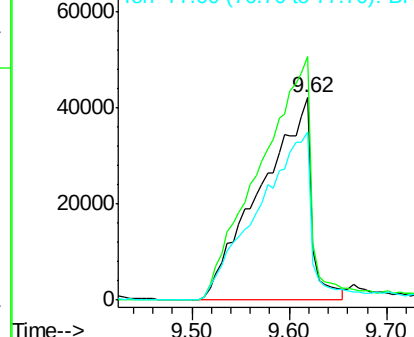
Lab File: BF094902.D

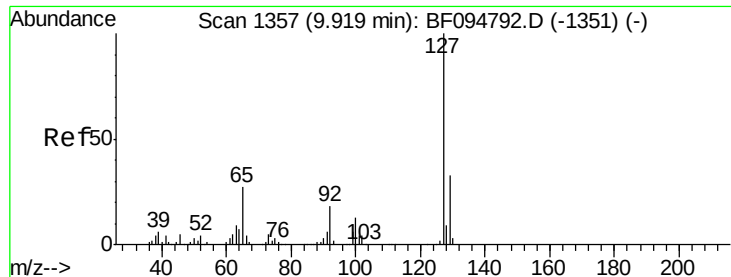
Acq: 5 May 2017 6:56

Tgt Ion:	122	Resp:	152364
Ion Ratio	Lower	Upper	
122	100		
105	120.3	103.3	143.3
77	82.9	73.7	113.7



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





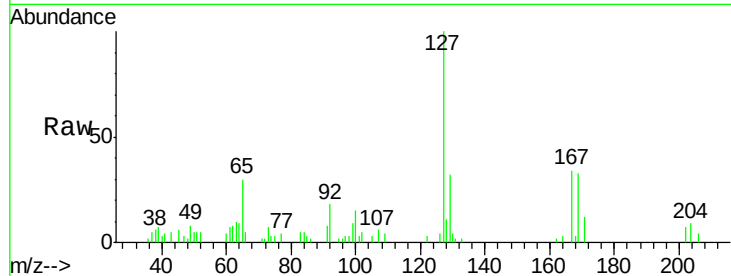
#33
 4-Chloroaniline
 Concen: 7.62 ng
 RT: 9.93 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

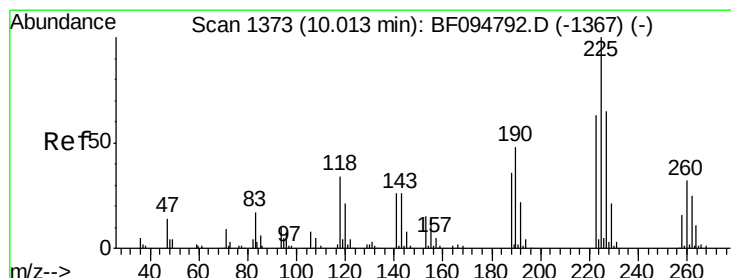
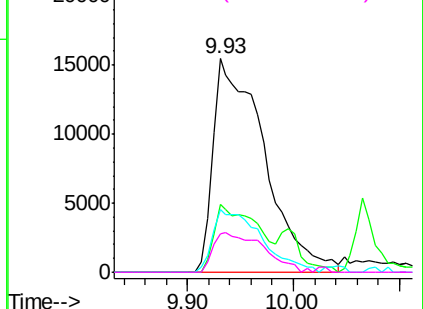
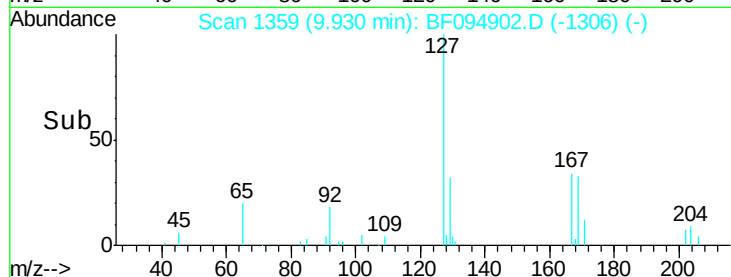
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	52113		
129	31.9	26.2	39.2	
65	29.6	27.8	41.8	
92	18.3	16.8	25.2	

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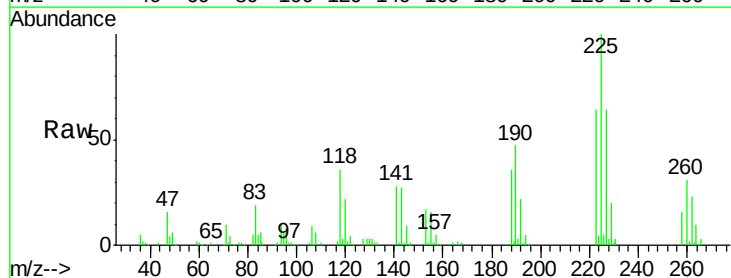


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

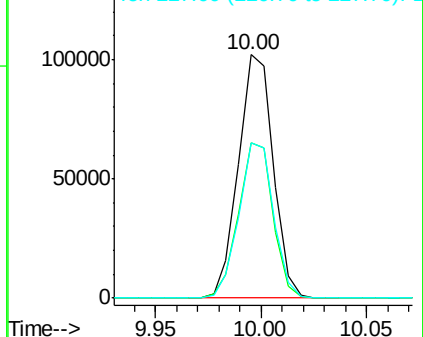
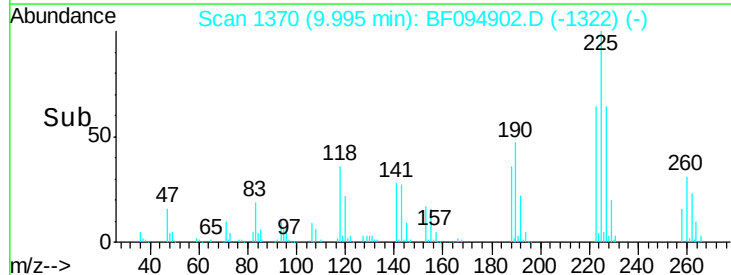


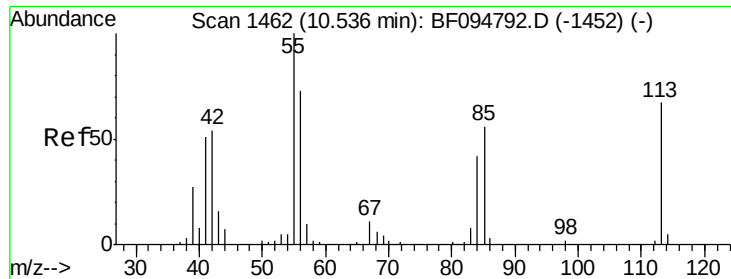
#34
 Hexachlorobutadiene
 Concen: 41.30 ng
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116710		
223	63.6	48.8	73.2	
227	63.7	51.1	76.7	



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





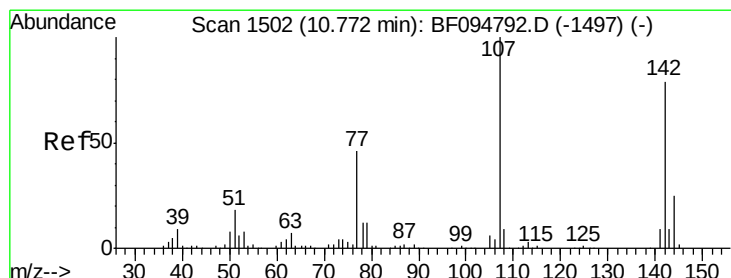
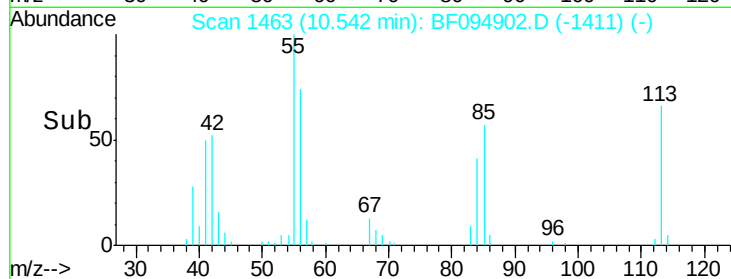
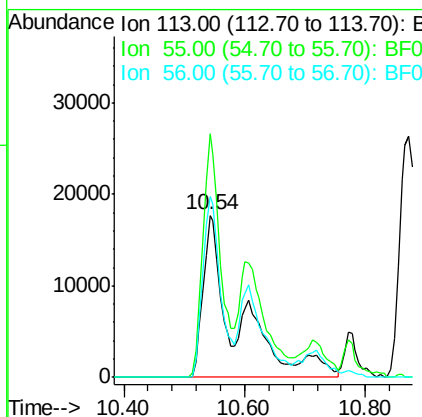
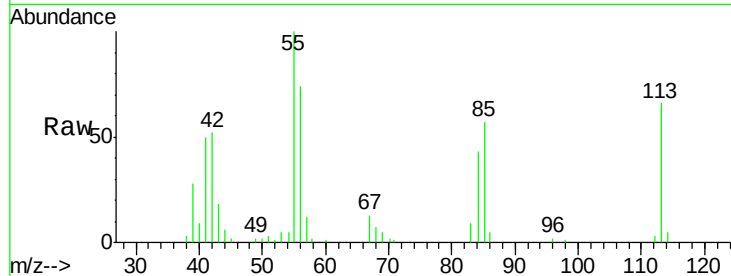
#35
 Caprolactam
 Concen: 45.37 ng m
 RT: 10.54 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tgt Ion:113 Resp: 68104
 Ion Ratio Lower Upper
 113 100
 55 150.6 150.2 190.2
 56 112.1 107.8 147.8

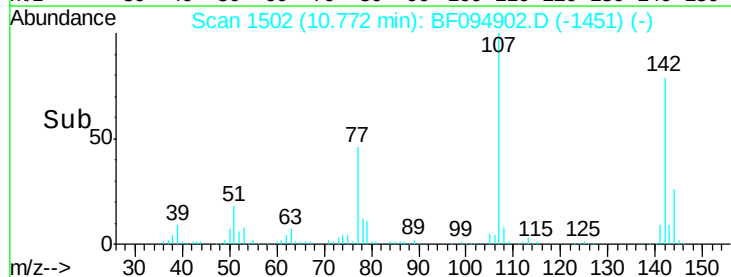
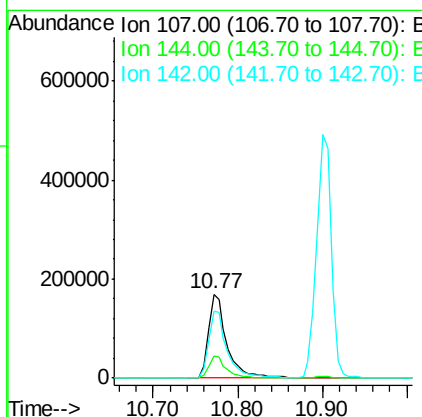
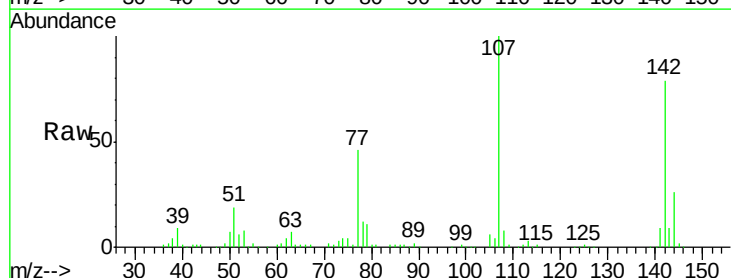
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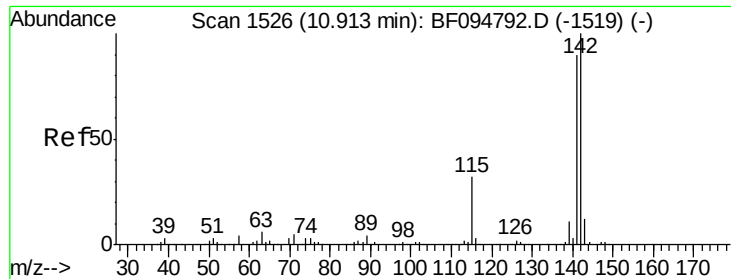
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#36
 4-Chloro-3-methylphenol
 Concen: 48.87 ng
 RT: 10.77 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion:107 Resp: 261217
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 79.1 73.4 110.0





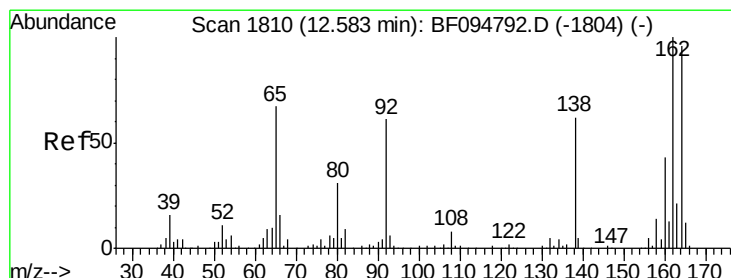
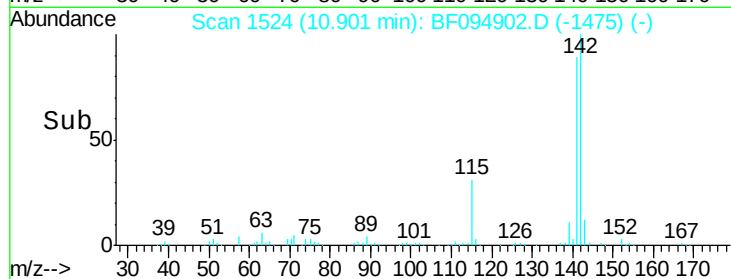
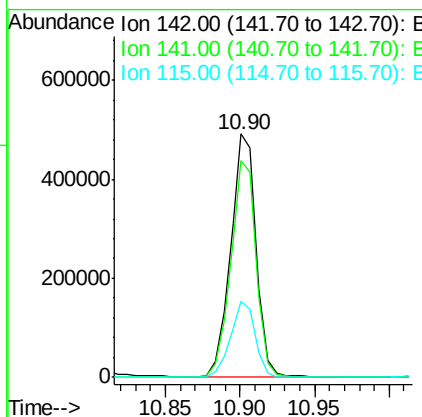
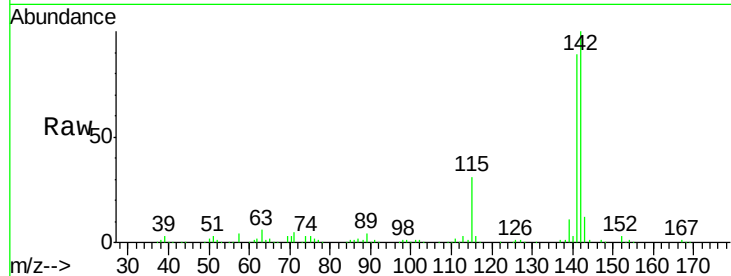
#37
2-Methylnaphthalene
Concen: 48.66 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	31.4	27.1	40.7

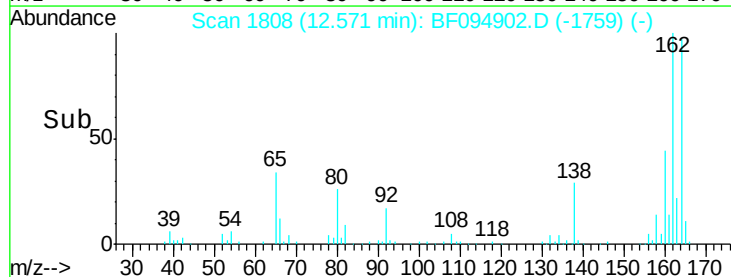
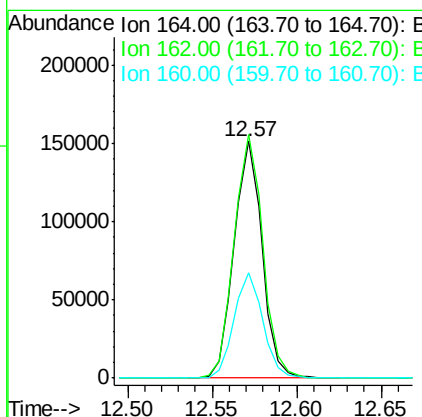
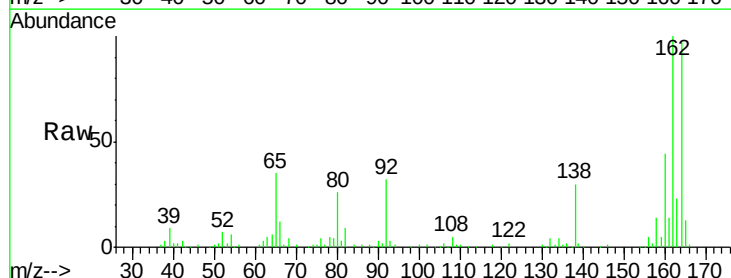
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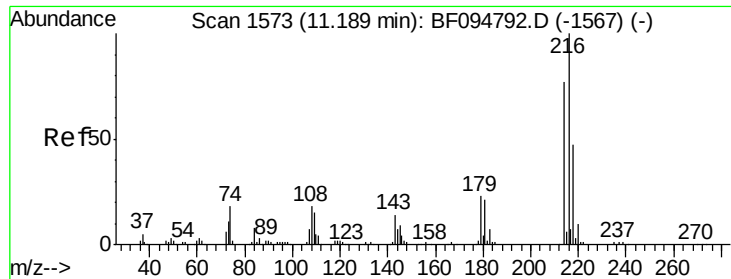
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.7	36.2	54.2





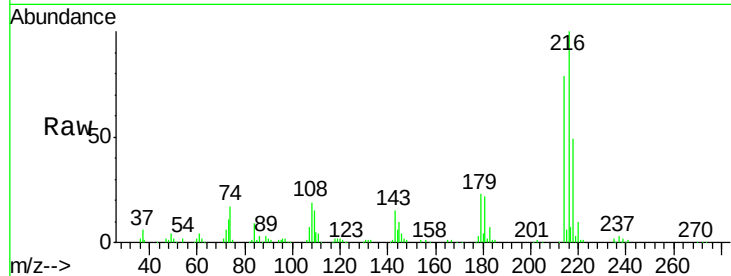
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.76 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

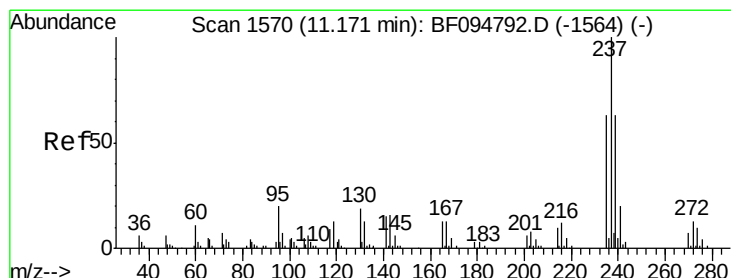
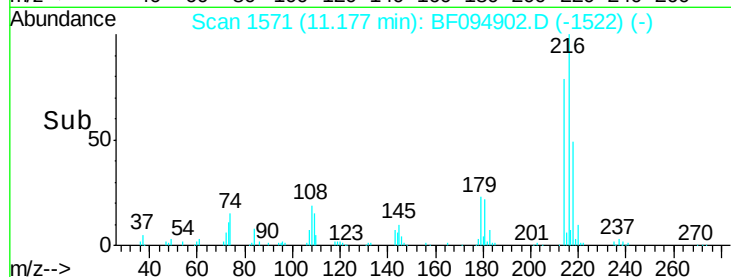
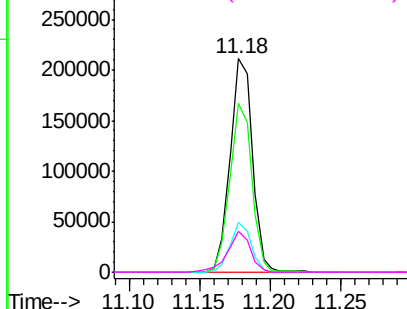
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	233875		
214	78.5	63.4	95.2	
179	22.0	17.9	26.9	
108	19.8	16.5	24.7	

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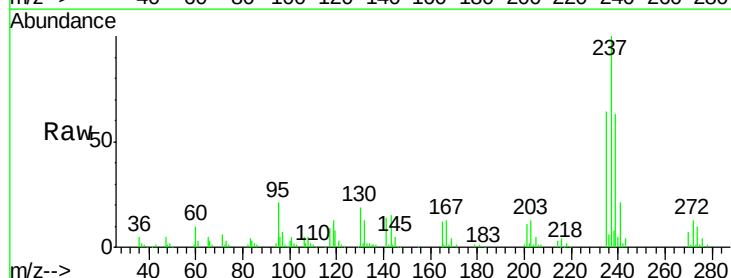


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

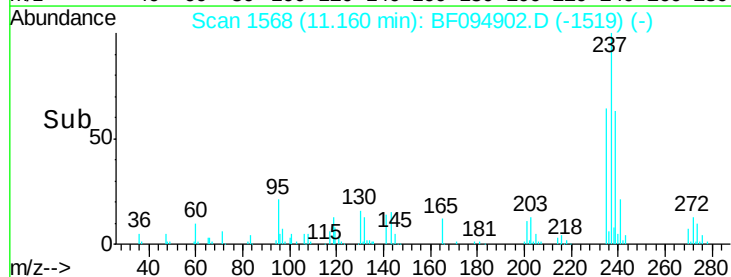
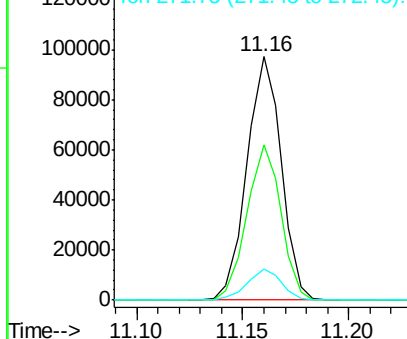


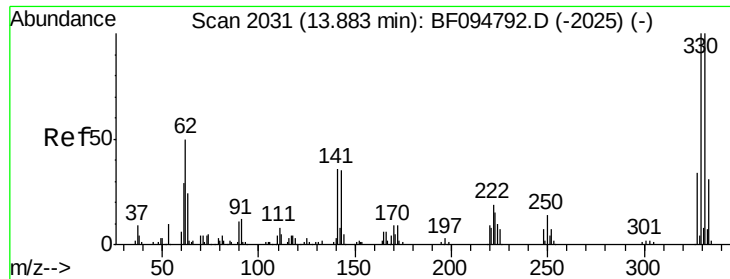
#40
 Hexachlorocyclopentadiene
 Concen: 51.16 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	109629		
235	63.5	42.6	82.6	
272	13.0	0.0	31.9	



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





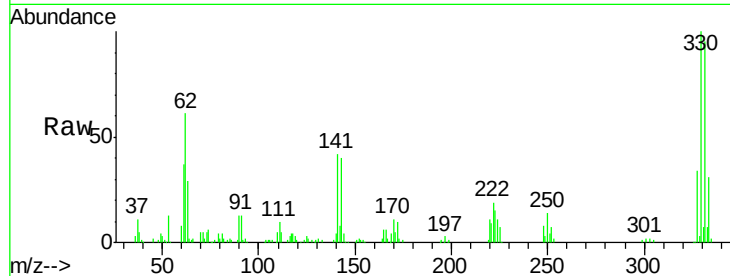
#41
 2,4,6-Tribromophenol
 Concen: 142.15 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.6	76.6	115.0
141	39.9	31.4	47.2

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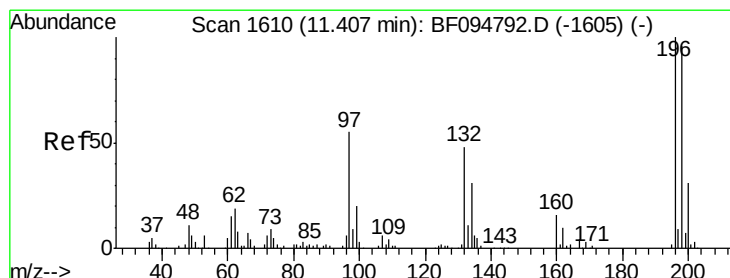
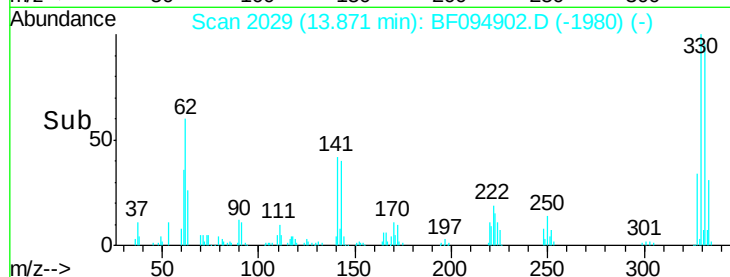
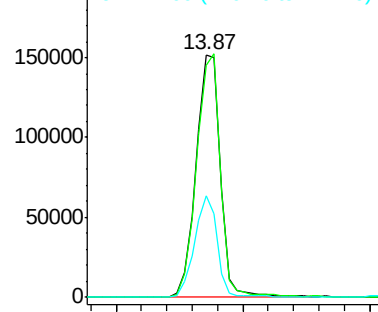


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.74 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

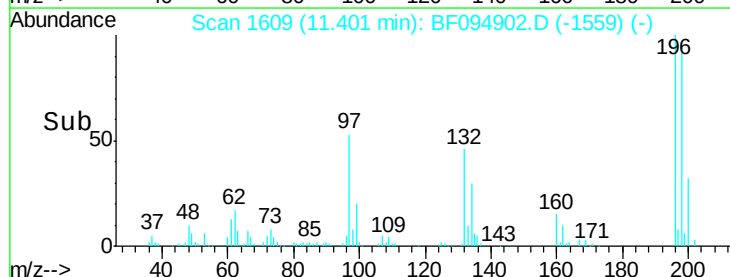
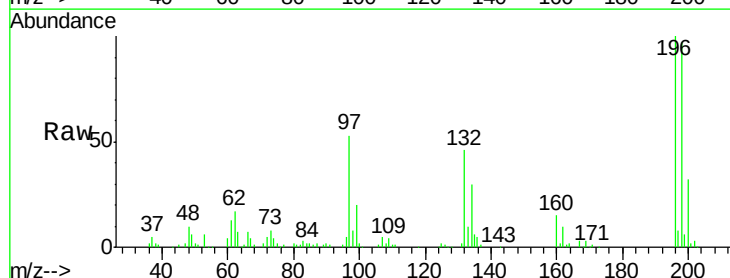
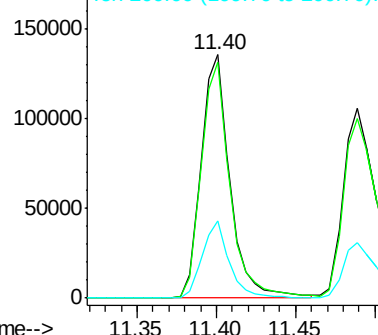
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	97.2	74.2	111.4
200	31.6	24.0	36.0

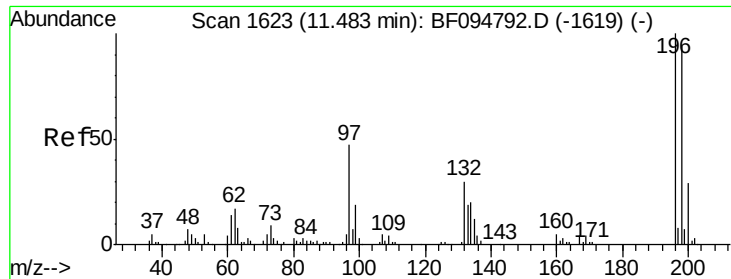
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





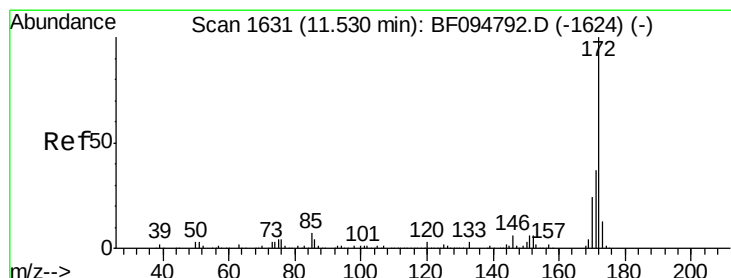
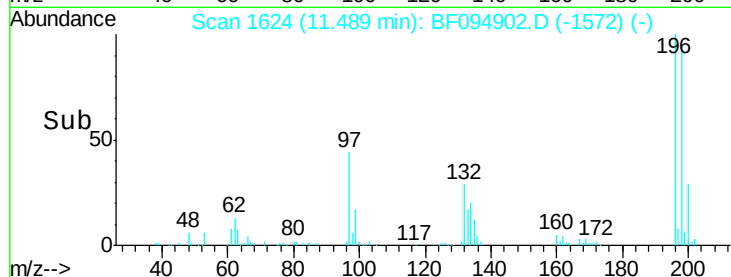
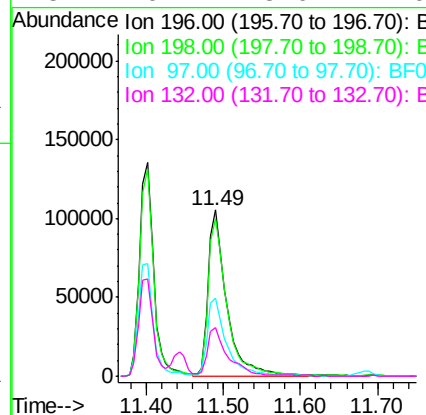
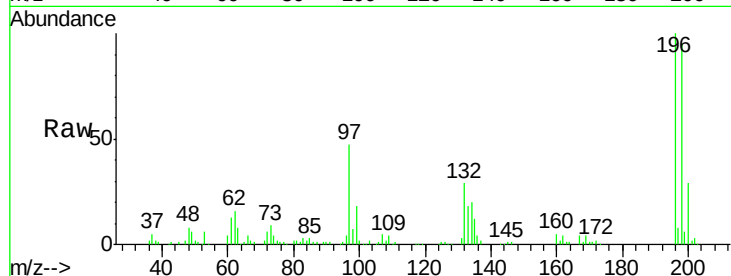
#43
 2,4,5-Trichlorophenol
 Concen: 45.96 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176248		
198	95.0	75.7	113.5	
97	46.8	47.7	71.5#	
132	29.1	28.0	42.0	

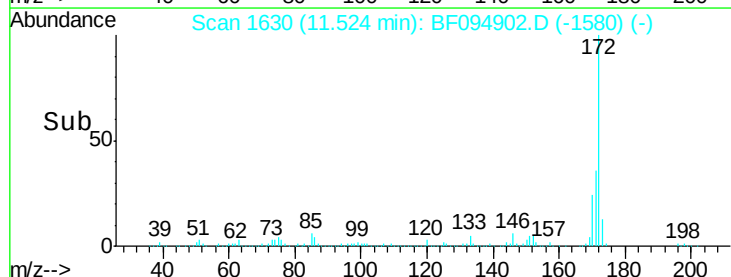
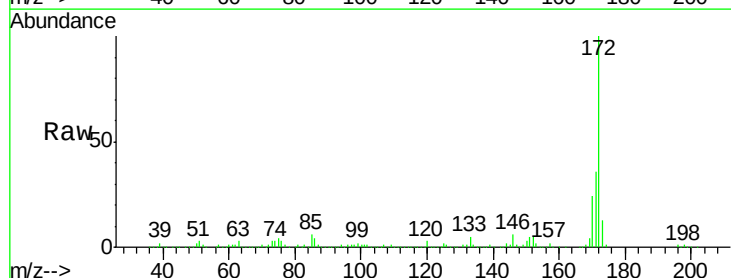
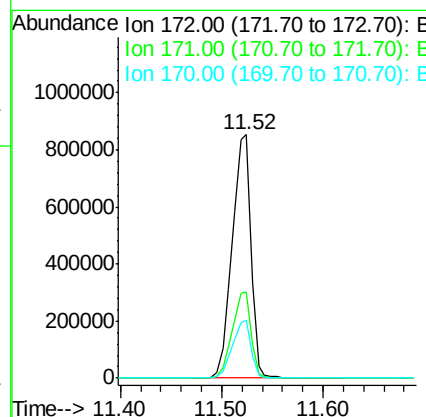
Manual Integrations
 APPROVED

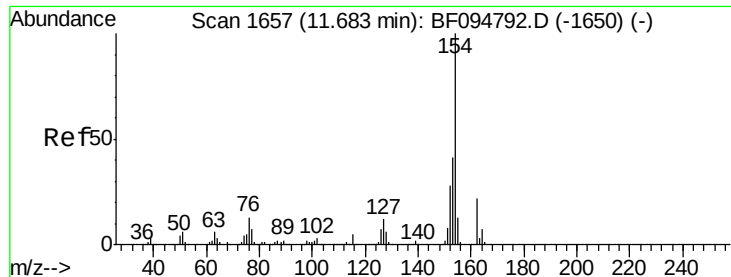
mohammad
 5/5/2017 5:23:47 PM



#44
 2-Fluorobiphenyl
 Concen: 91.24 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1101607		
171	35.6	29.6	44.4	
170	23.8	19.8	29.8	





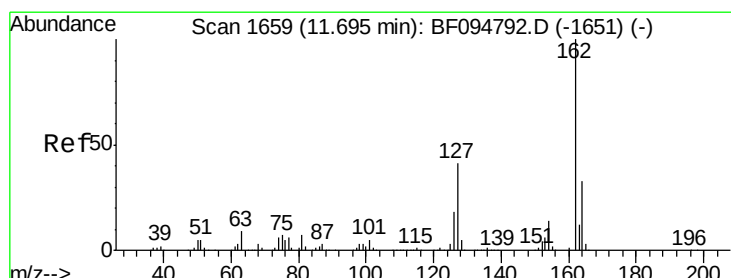
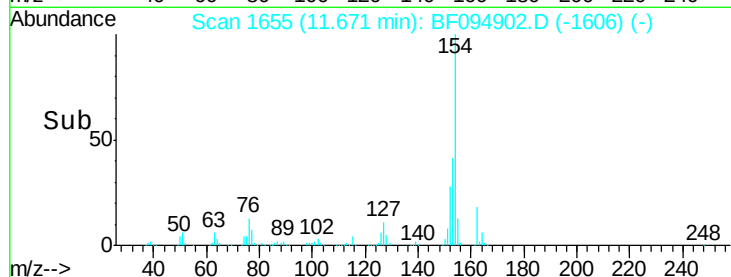
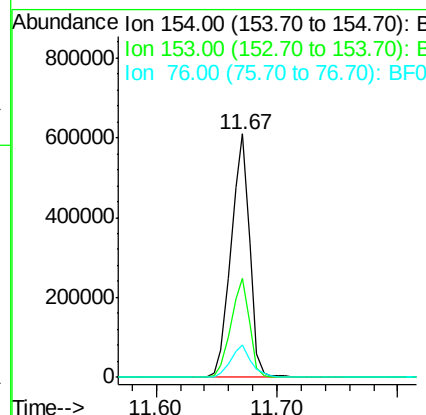
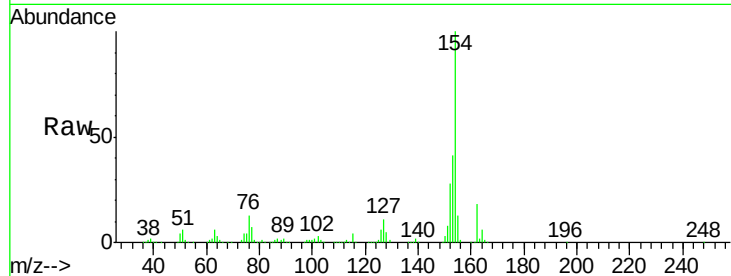
#45
1,1'-Biphenyl
Concen: 44.28 ng
RT: 11.67 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	647804		
153	40.7	21.2	61.2	
76	13.3	0.0	29.9	

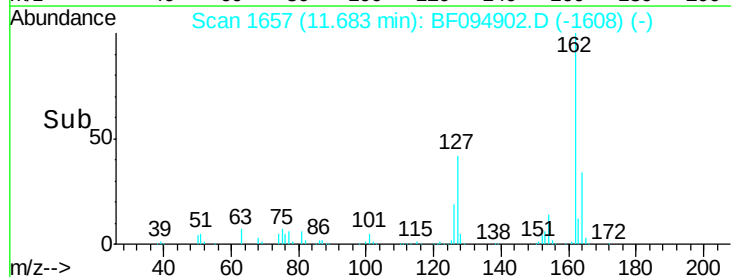
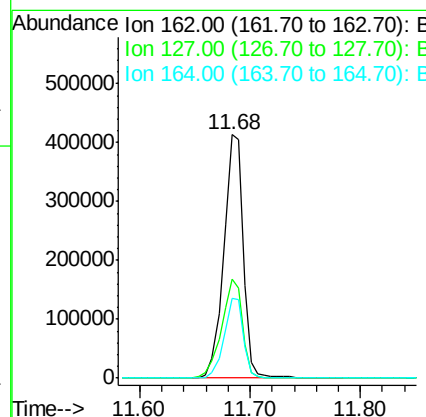
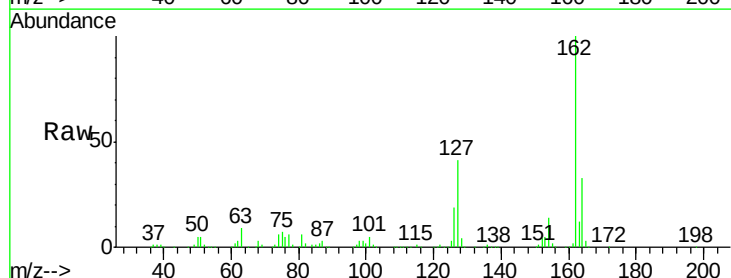
Manual Integrations
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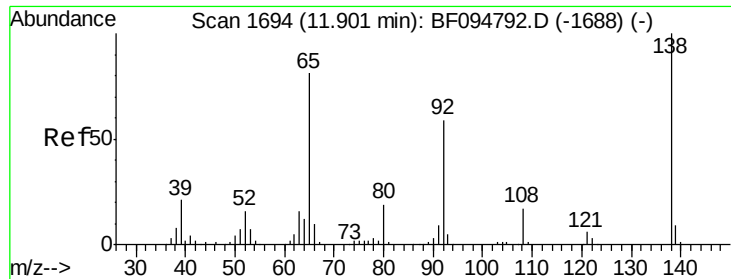
mohammad
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#46
2-Chloronaphthalene
Concen: 43.06 ng
RT: 11.68 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	508668		
127	40.7	28.3	42.5	
164	33.0	27.0	40.4	





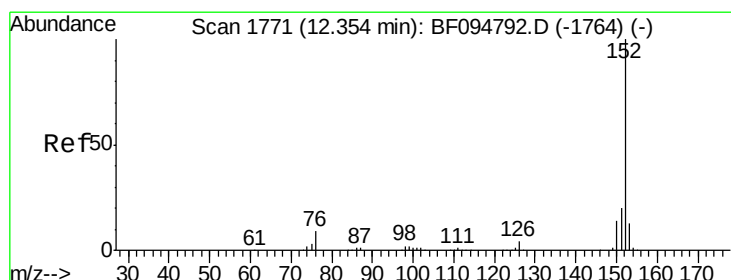
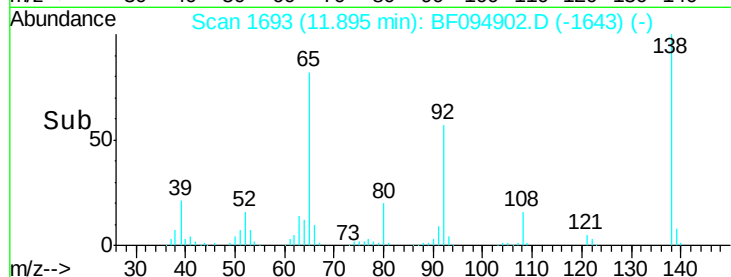
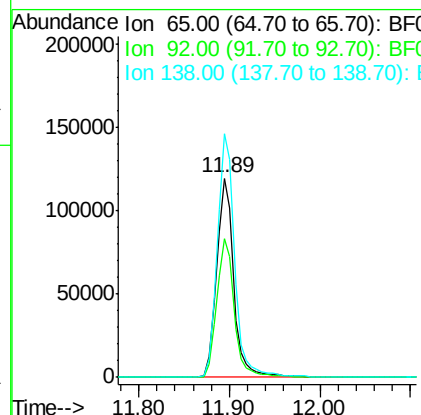
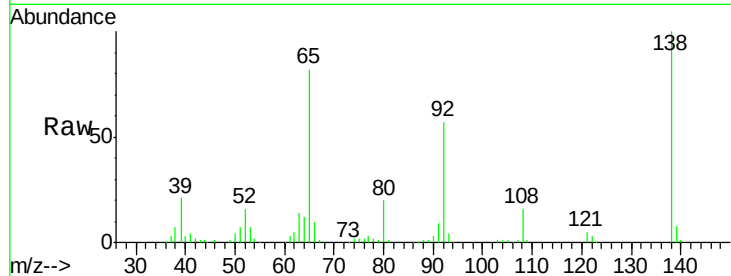
#47
 2-Nitroaniline
 Concen: 48.71 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	53.9	80.9
138	122.2	78.8	118.2#

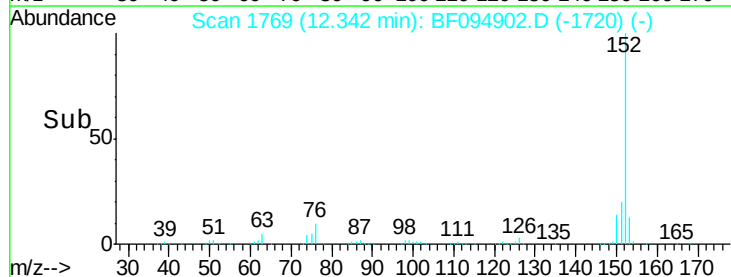
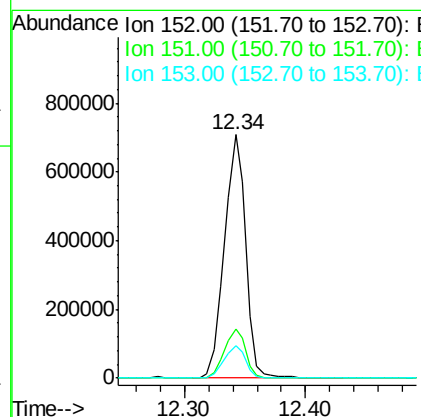
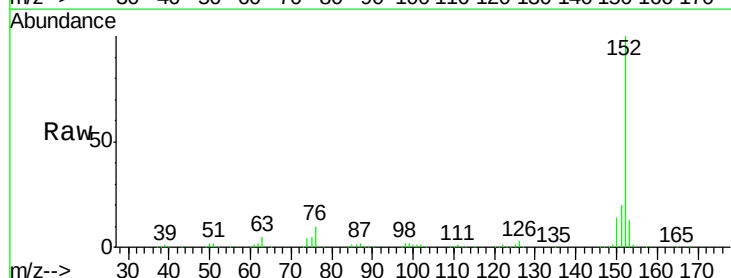
Manual Integrations
 APPROVED

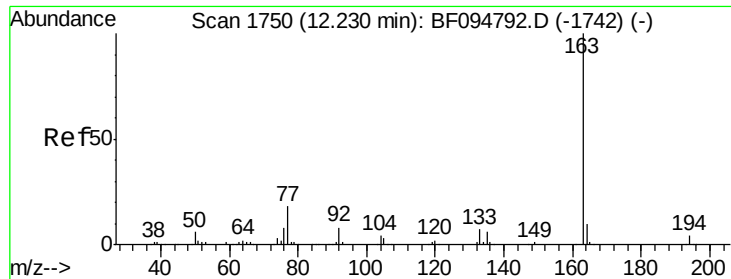
mohammad
 5/5/2017 5:23:47 PM



#48
 Acenaphthylene
 Concen: 46.18 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.1	10.8	16.2





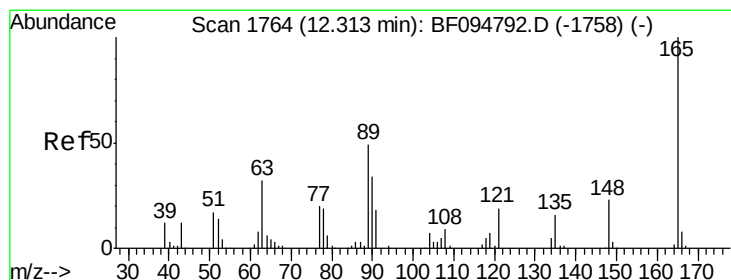
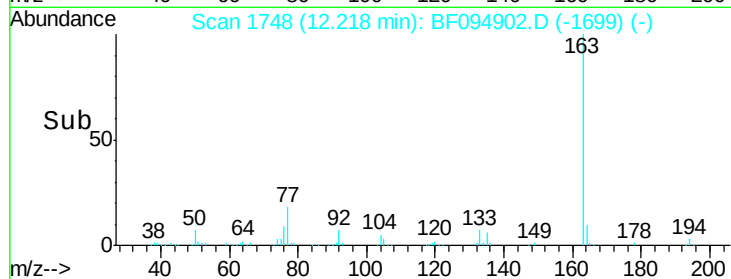
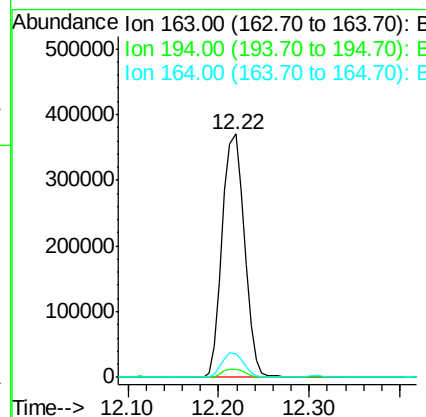
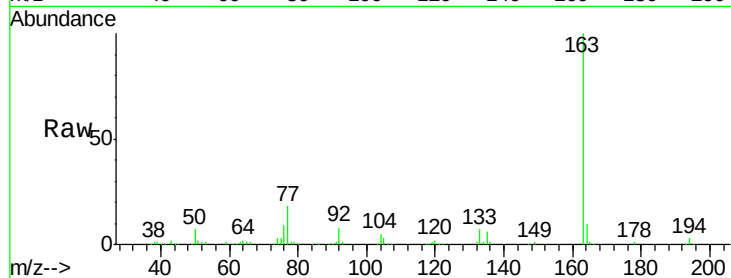
#49
Dimethylphthalate
Concen: 44.47 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampled :
TP-1MS

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

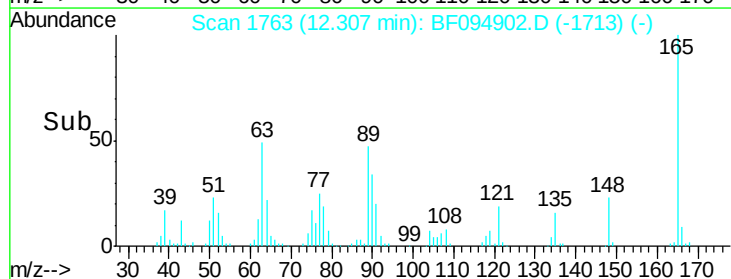
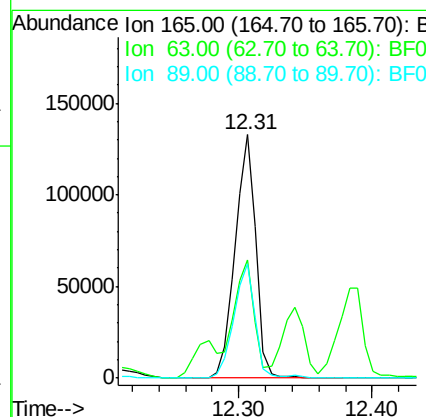
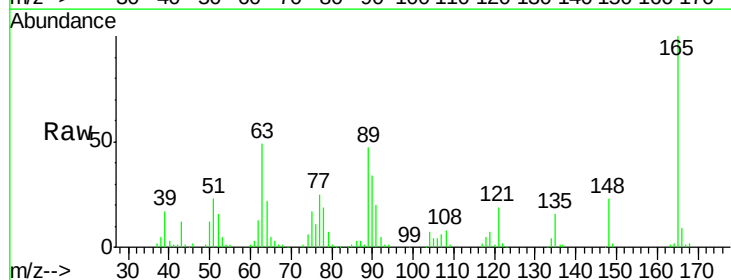
Manual Integrations
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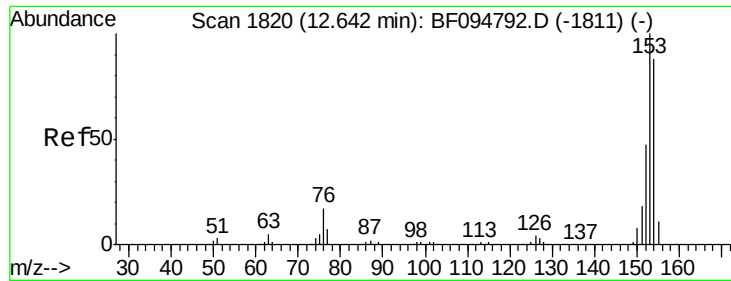
mohammad
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#50
2,6-Dinitrotoluene
Concen: 50.05 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.8	34.3	51.5
89	46.9	37.1	55.7





#51

Acenaphthene

Concen: 47.14 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

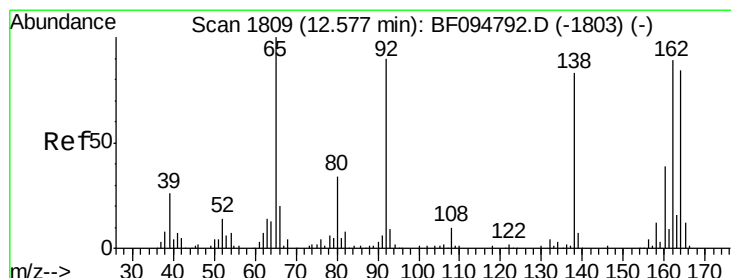
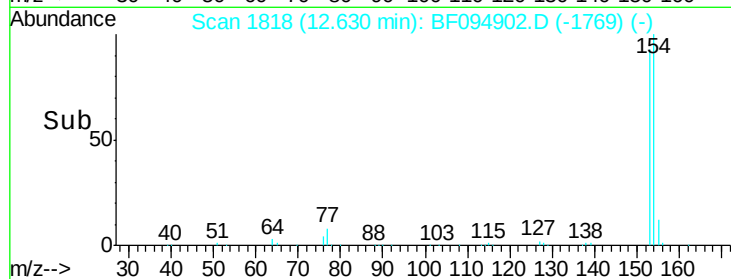
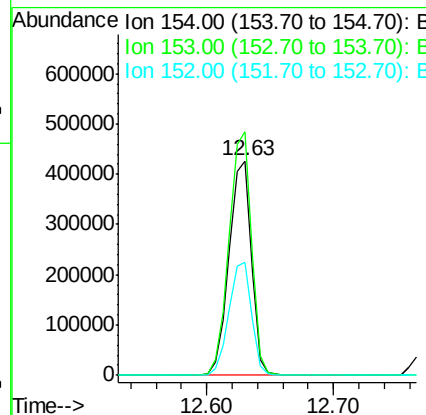
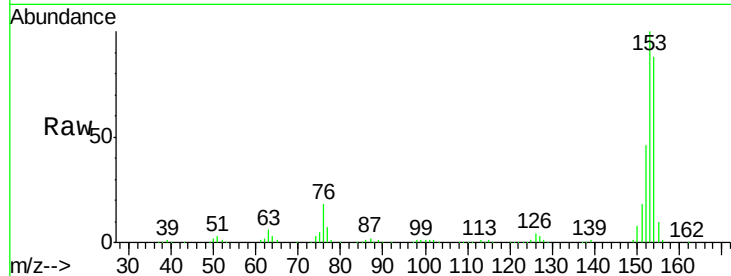
ClientSampleId :

TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	520989		
153	113.4	90.5	135.7	
152	52.5	43.6	65.4	

Manual Integrations
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#52

3-Nitroaniline

Concen: 22.61 ng

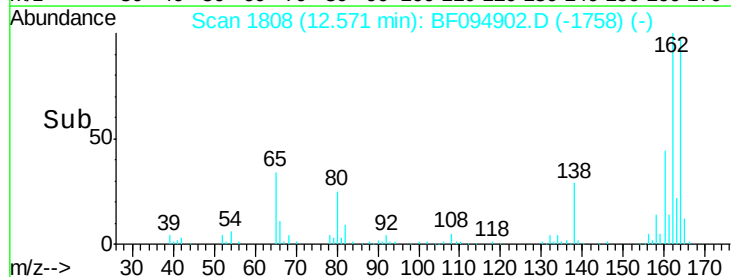
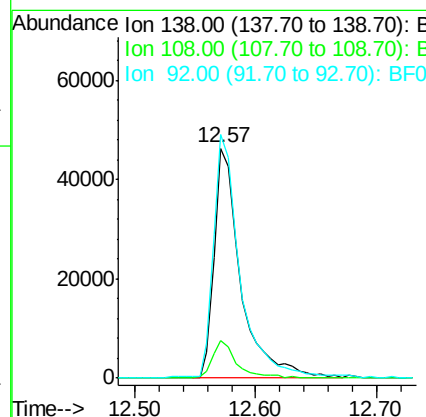
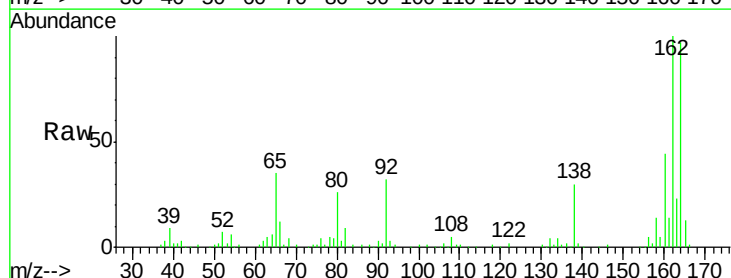
RT: 12.57 min Scan# 1808

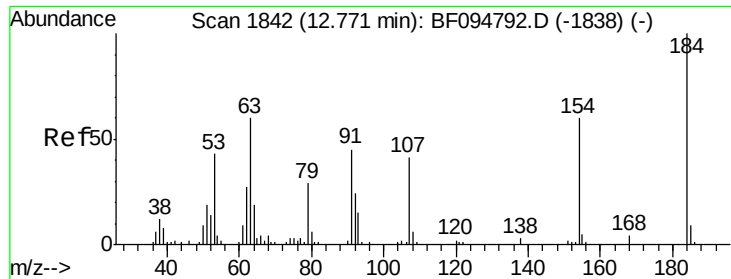
Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	70624		
108	16.3	9.1	13.7#	
92	105.9	93.8	140.6	





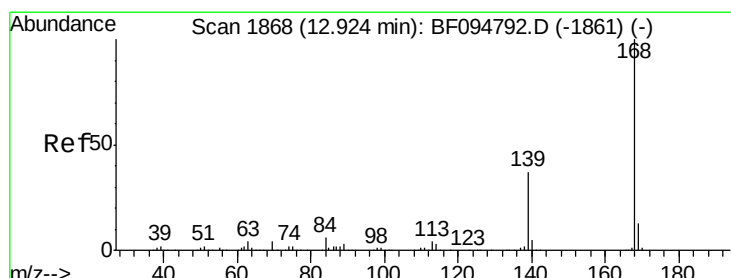
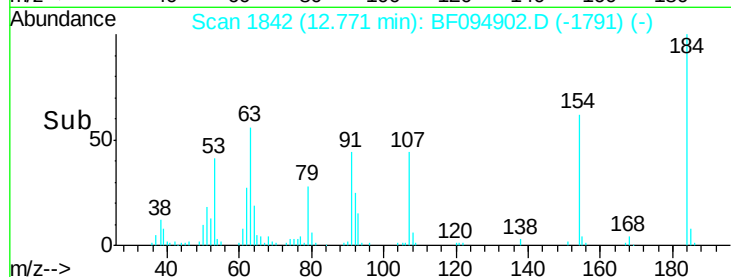
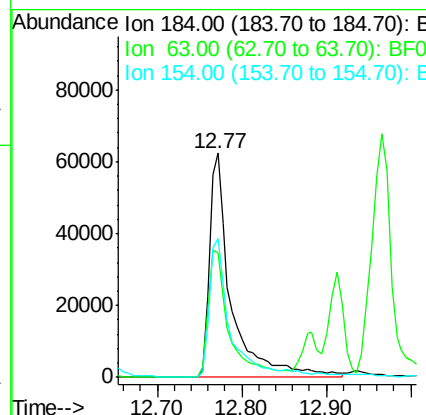
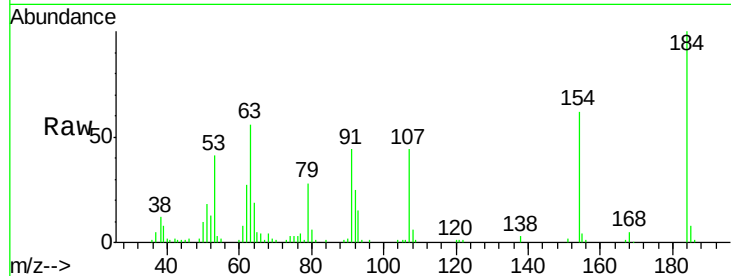
#53
2,4-Dinitrophenol
Concen: 70.05 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:184 Resp: 110947
Ion Ratio Lower Upper
184 100
63 55.6 62.7 94.1#
154 61.8 81.1 121.7#

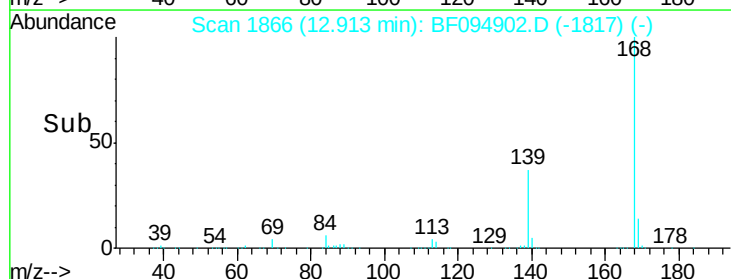
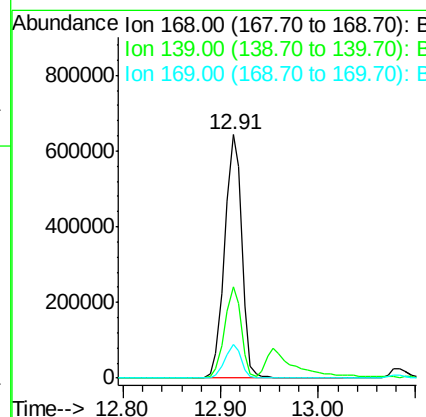
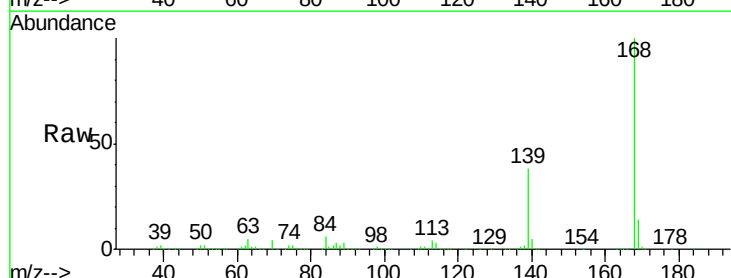
Manual Integrations
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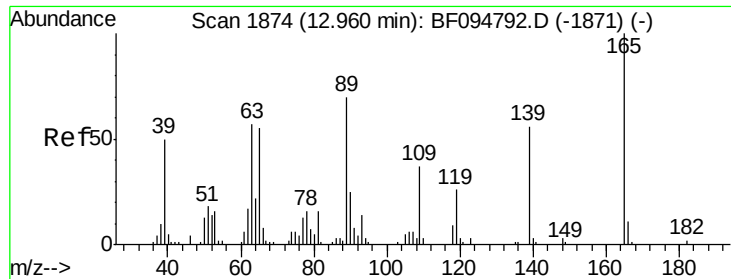
mohammad
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#54
Dibenzofuran
Concen: 51.31 ng
RT: 12.91 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion:168 Resp: 784786
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 13.7 10.8 16.2





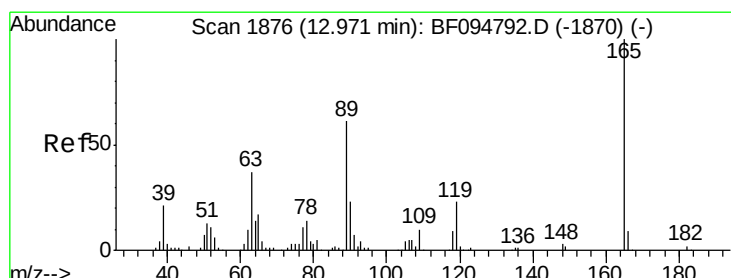
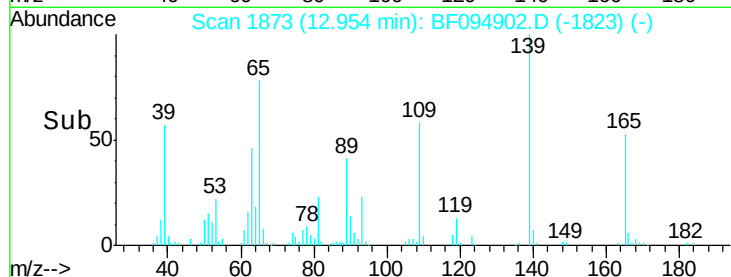
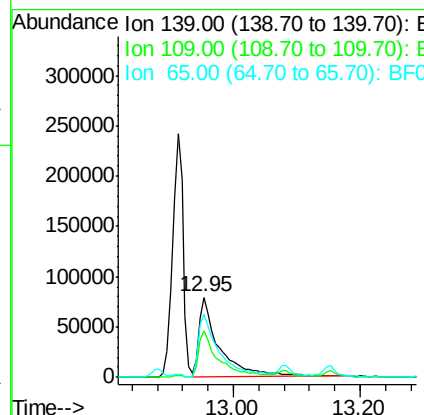
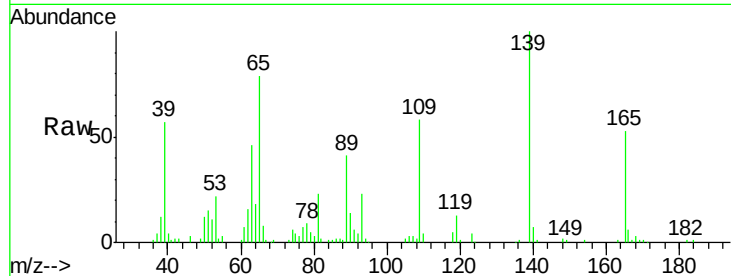
#55
 4-Nitrophenol
 Concen: 93.88 ng
 RT: 12.95 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tgt Ion:139 Resp: 176135
 Ion Ratio Lower Upper
 139 100
 109 57.5 34.1 74.1
 65 78.7 31.4 71.4#

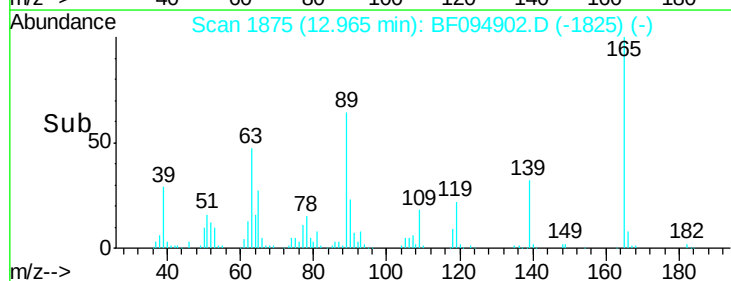
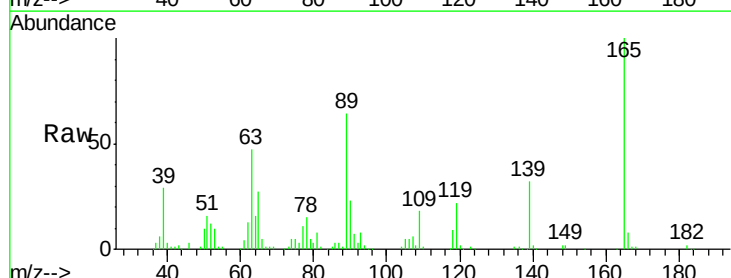
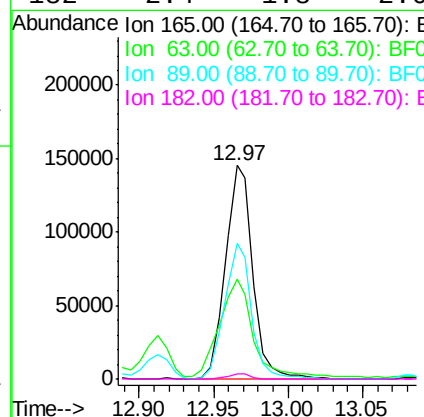
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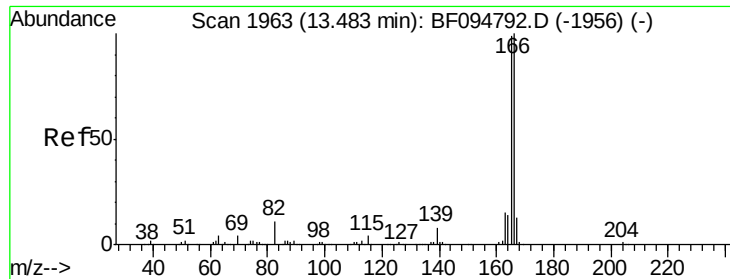
mohammad
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#56
 2,4-Dinitrotoluene
 Concen: 50.22 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion:165 Resp: 187827
 Ion Ratio Lower Upper
 165 100
 63 46.6 25.4 38.0#
 89 63.8 46.4 69.6
 182 2.4 1.8 2.6





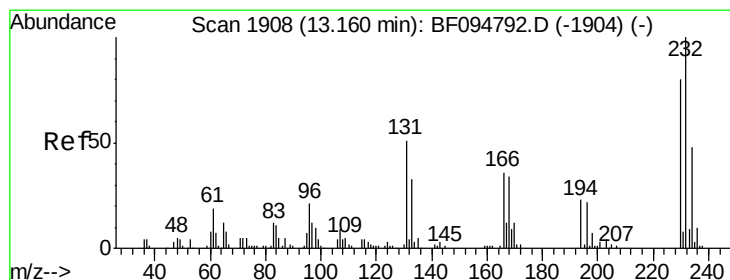
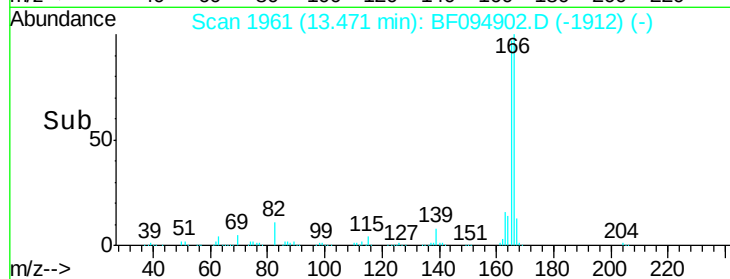
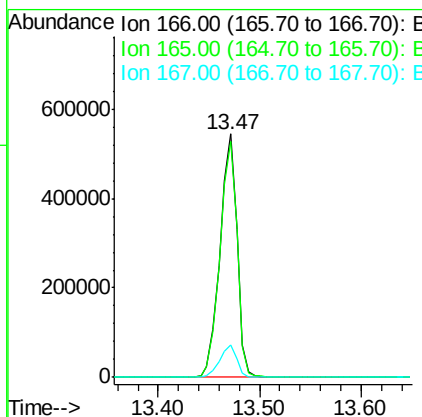
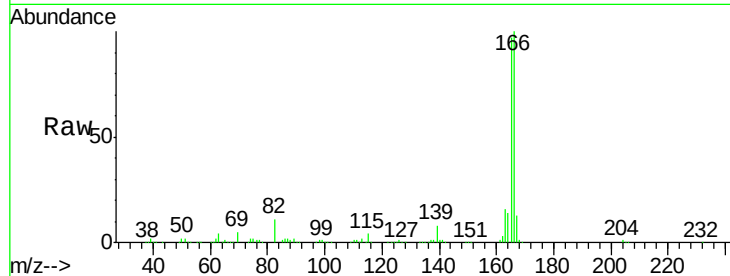
#57
 Fluorene
 Concen: 47.69 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	634199		
165	97.1	78.8	118.2	
167	13.1	10.6	16.0	

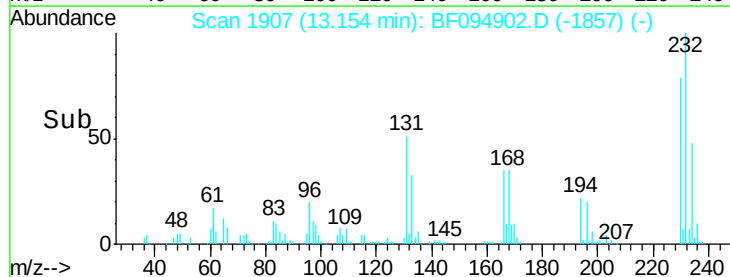
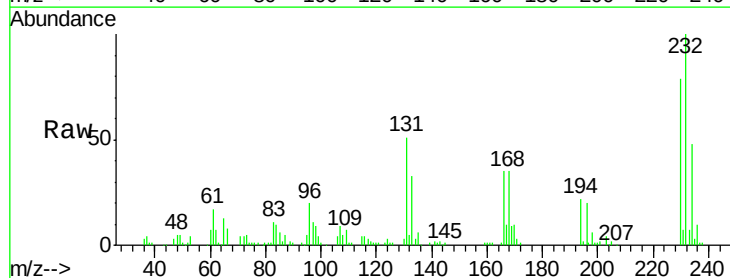
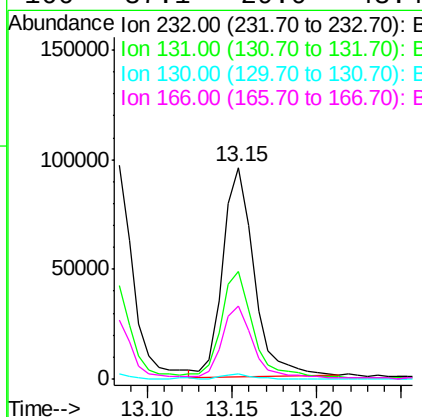
Manual Integrations
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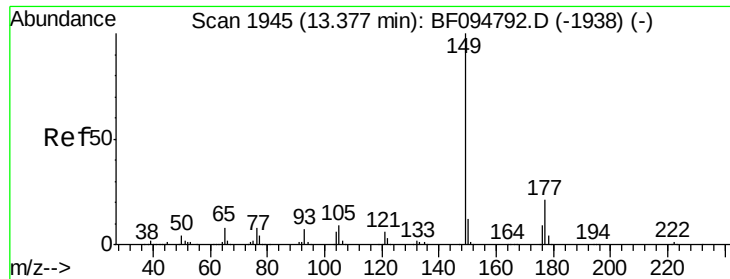
mohammad
 5/5/2017 5:23:47 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.22 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	123632		
131	53.7	44.8	67.2	
130	2.2	2.3	3.5	
166	37.1	29.0	43.4	





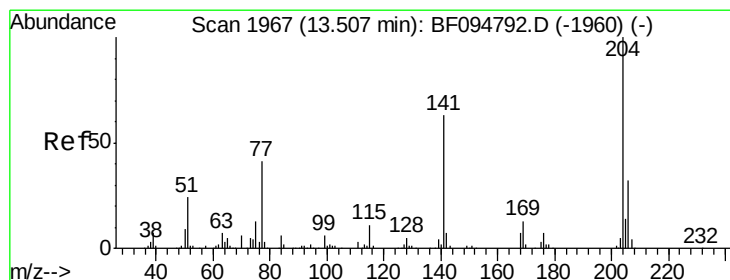
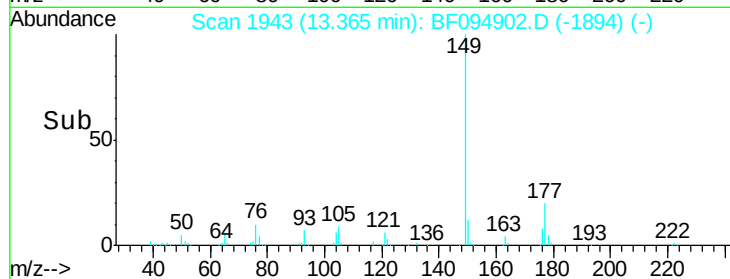
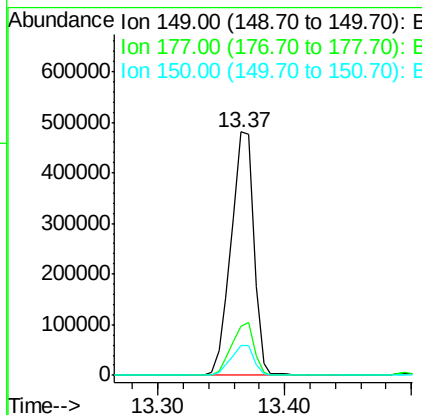
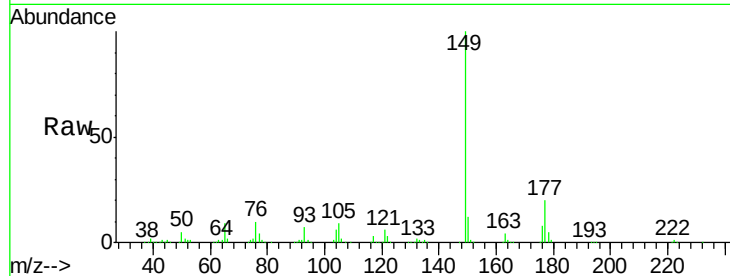
#59
Diethylphthalate
Concen: 43.69 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.7	25.1
150	12.2	10.2	15.2

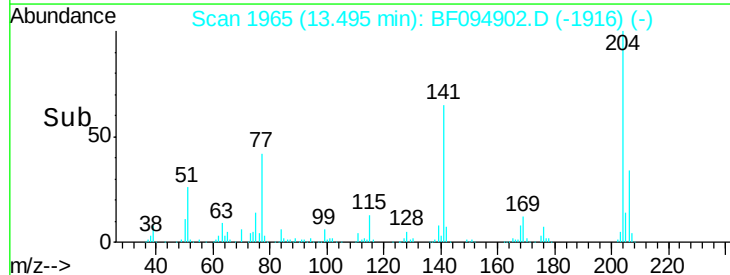
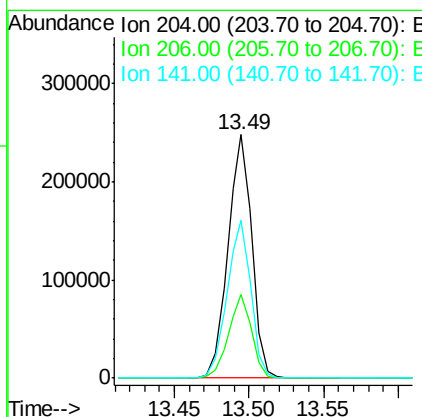
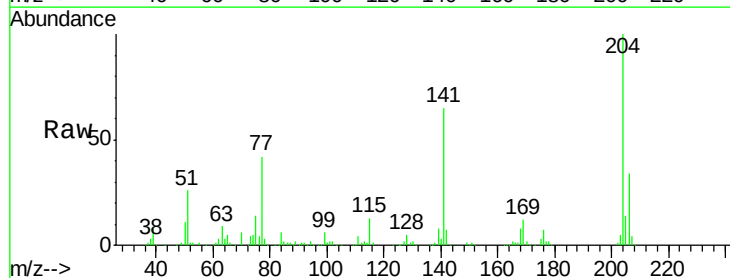
Manual Integrations
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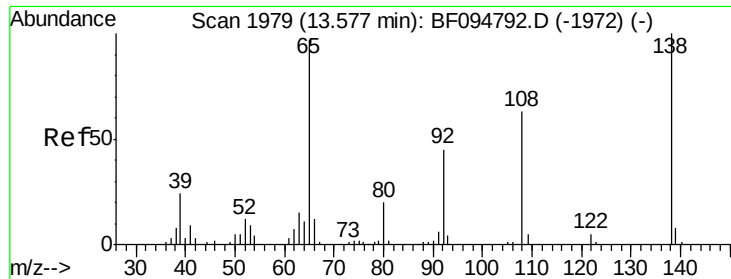
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.75 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	64.7	60.8	91.2





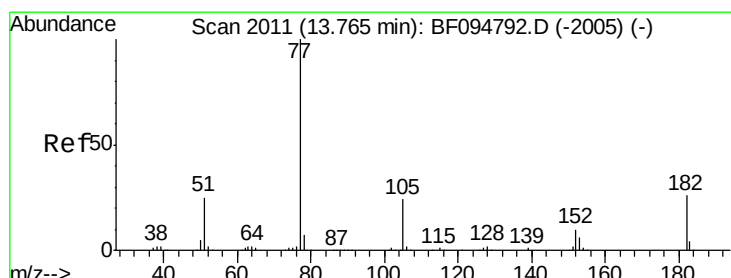
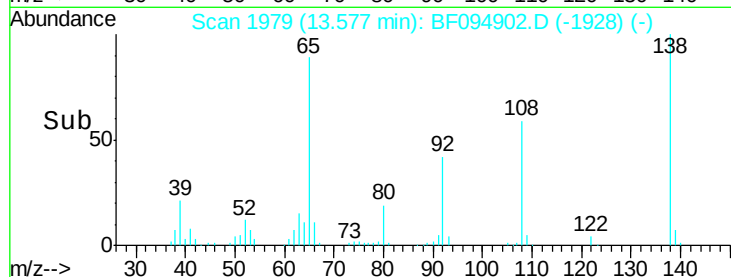
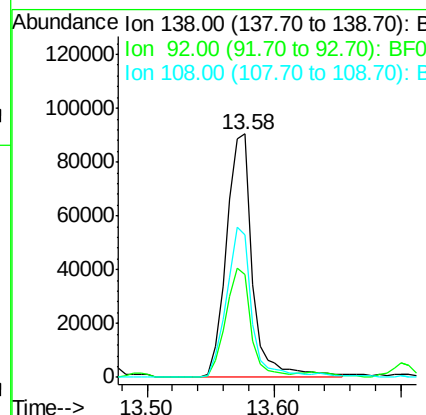
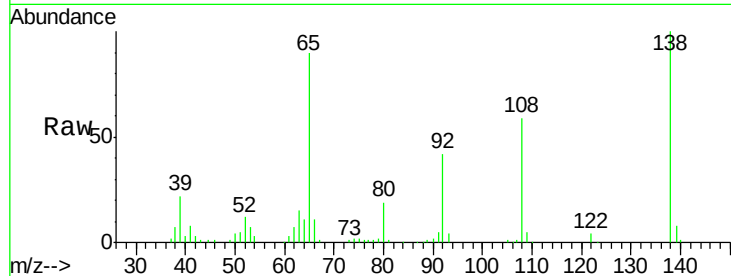
#61
4-Nitroaniline
Concen: 45.15 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	129487		
92	42.2	21.8	61.8	
108	58.6	42.3	82.3	

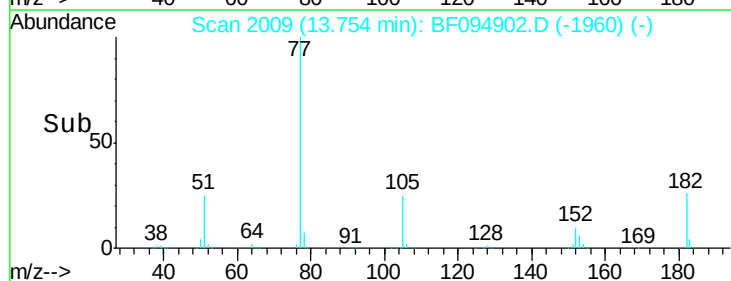
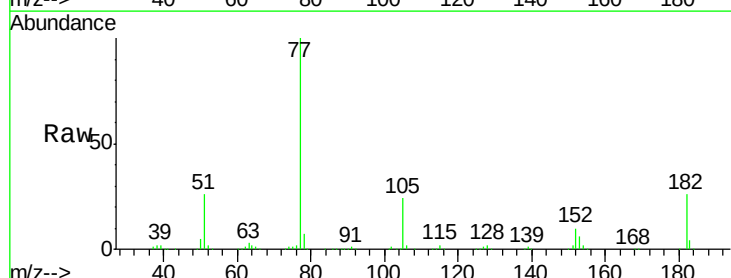
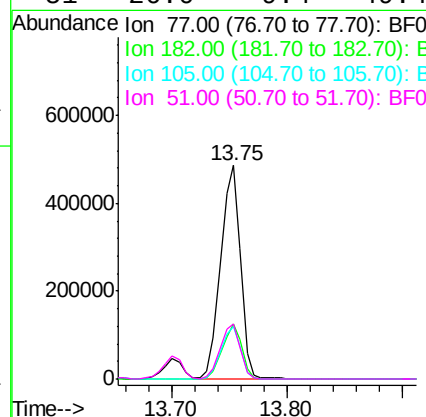
Manual Integrations
APPROVED

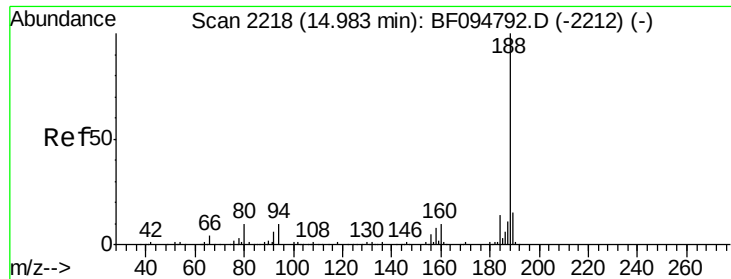
mohammad
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#62
Azobenzene
Concen: 52.56 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	577497		
182	25.7	0.1	40.1	
105	24.5	3.6	43.6	
51	26.0	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: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

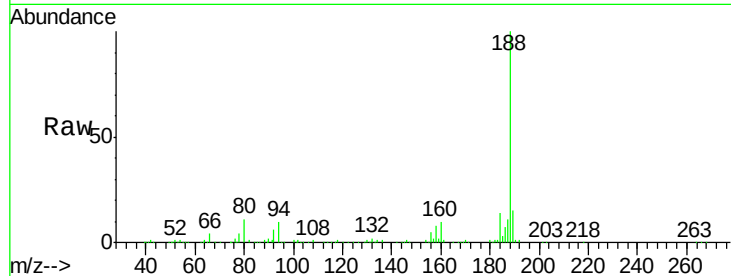
ClientSampleId :

TP-1MS

Tgt Ion:	188	Resp:	297471
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	10.7	10.2	15.2

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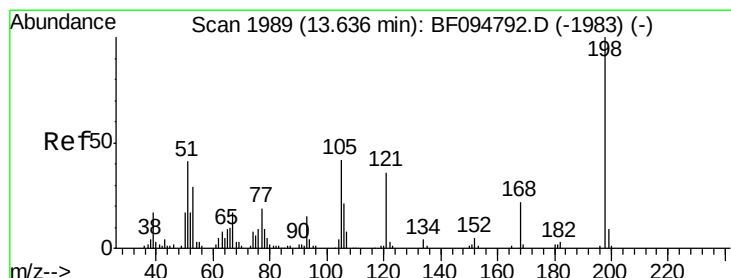
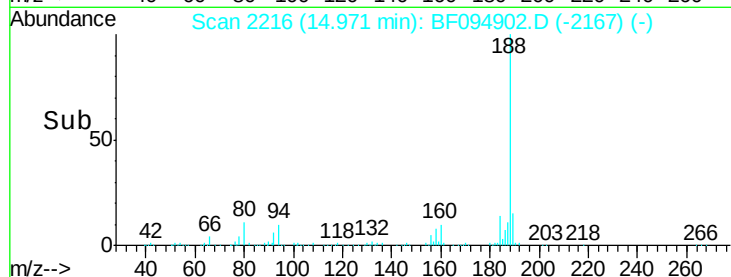
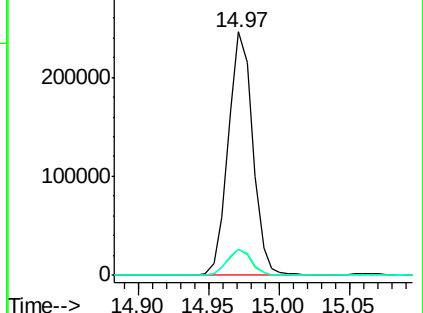
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.20 ng

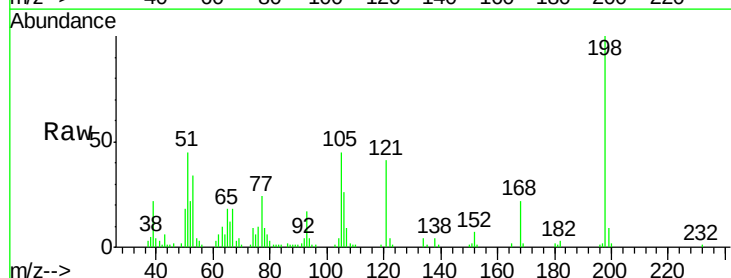
RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

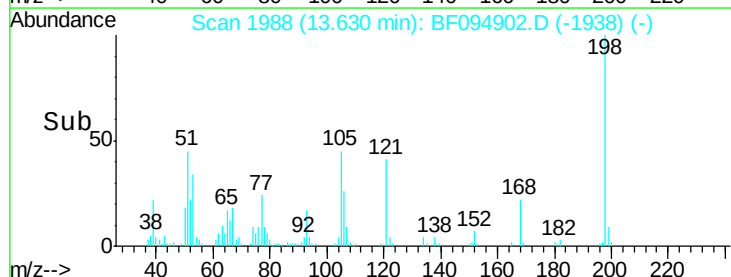
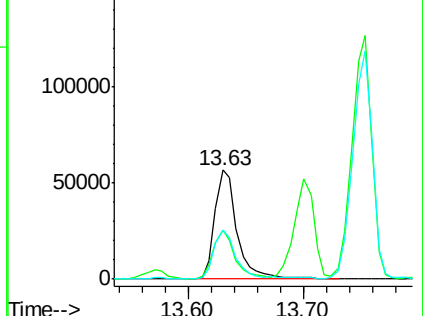
Tgt Ion:	198	Resp:	76170
Ion Ratio	Lower	Upper	
198	100		
51	45.4	53.2	93.2#
105	45.3	45.8	85.8#

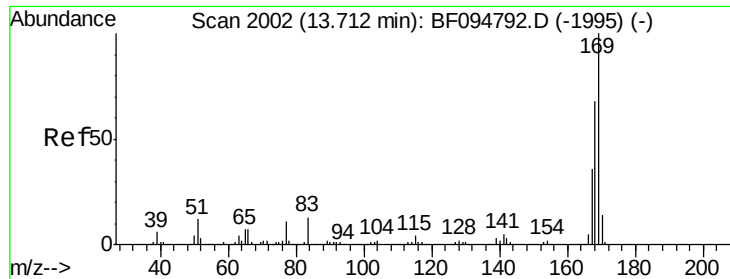


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.19 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

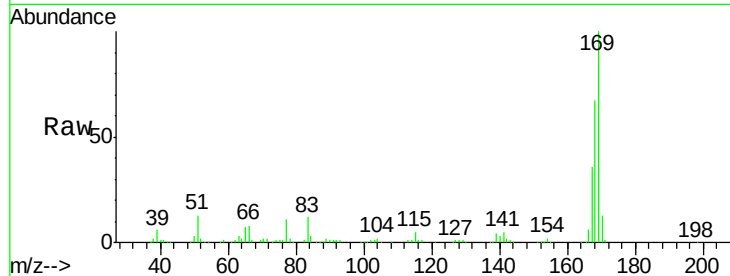
ClientSampled :

TP-1MS

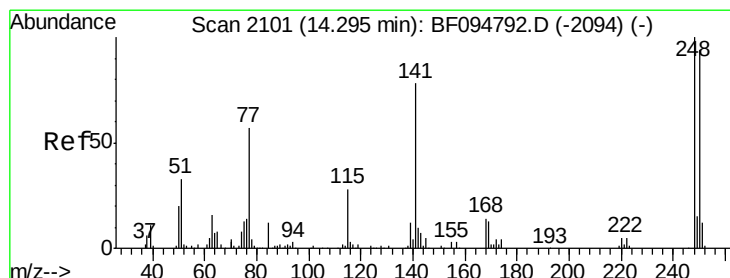
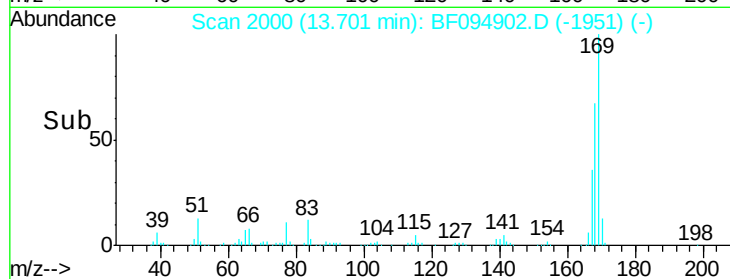
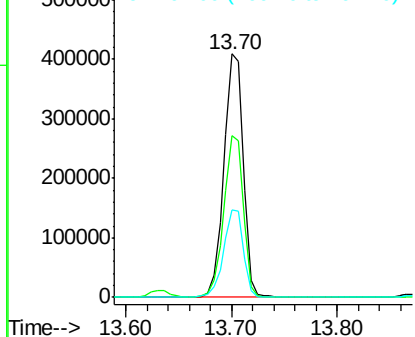
Tgt Ion:	169	Resp:	520275
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.2	79.8
167	36.1	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.35 ng

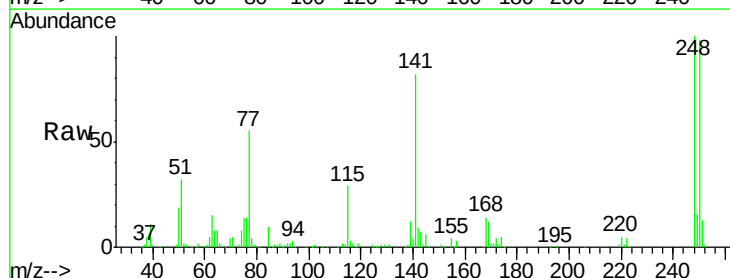
RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

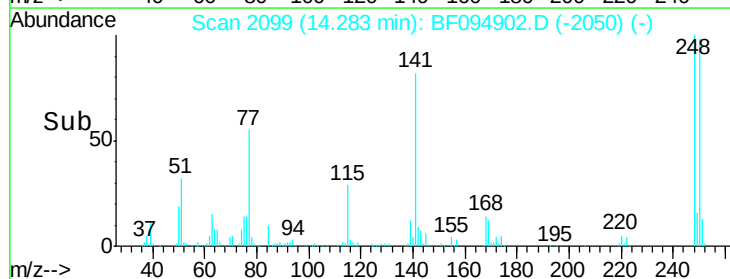
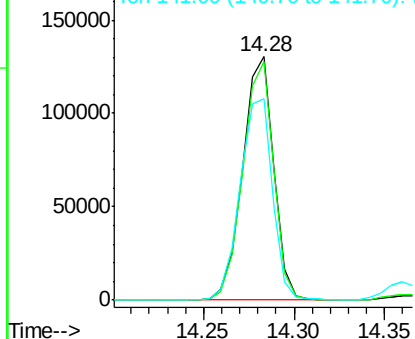
Lab File: BF094902.D

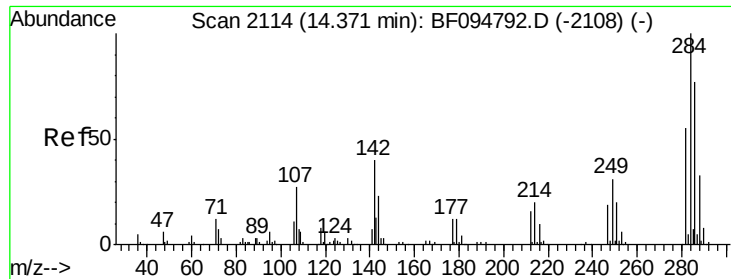
Acq: 5 May 2017 6:56

Tgt Ion:	248	Resp:	155080
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.8	115.2
141	82.5	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.17 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

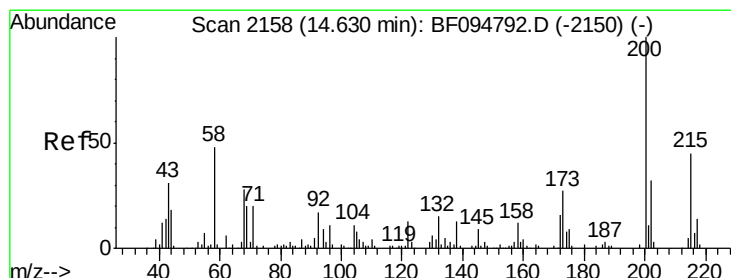
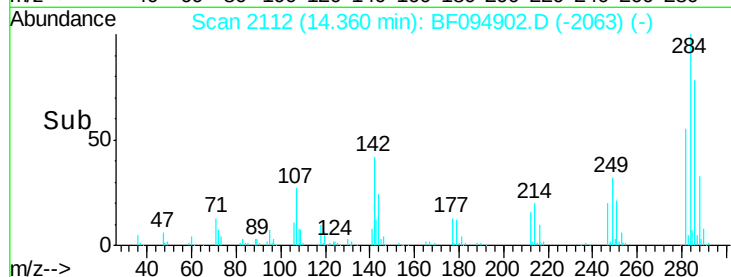
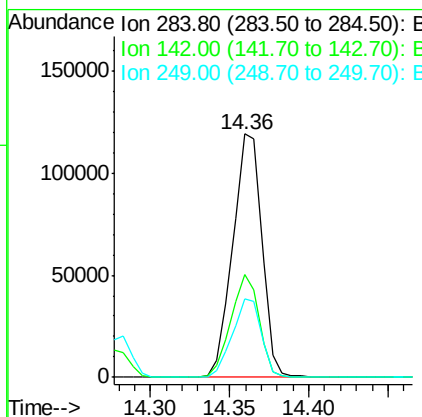
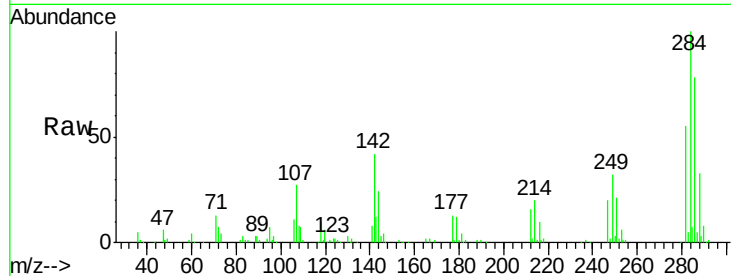
ClientSampleId :

TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	151925		
142	42.2	22.8	34.2#	
249	32.3	24.0	36.0	

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#68

Atrazine

Concen: 44.89 ng

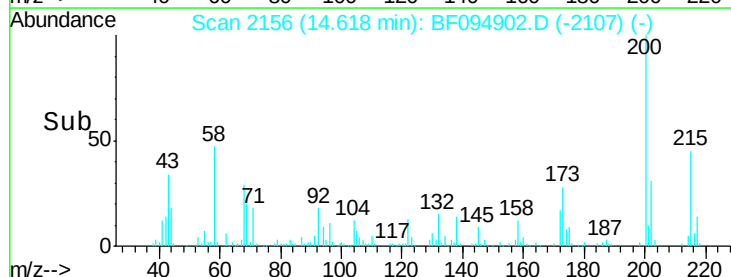
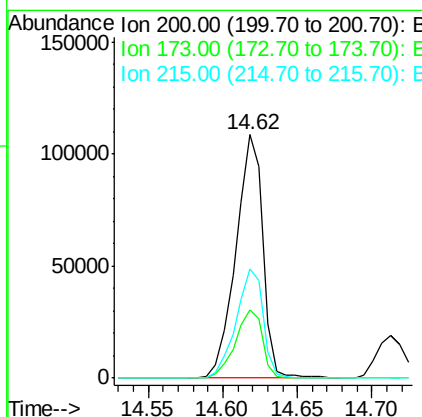
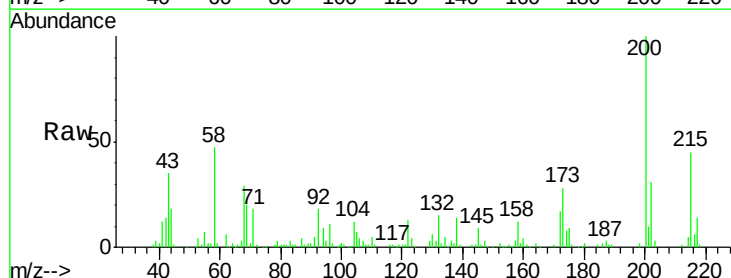
RT: 14.62 min Scan# 2156

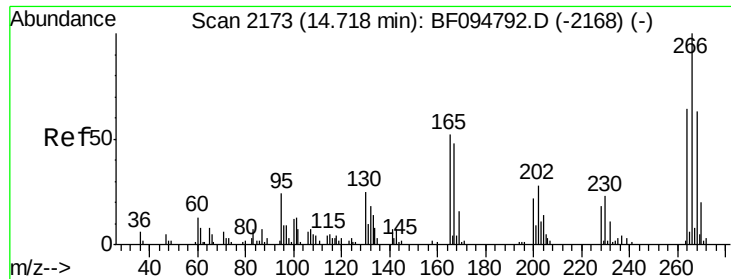
Delta R.T. -0.01 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	136829		
173	28.1	6.3	46.3	
215	45.0	27.2	67.2	





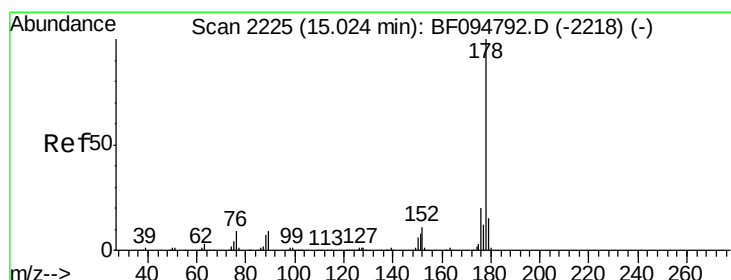
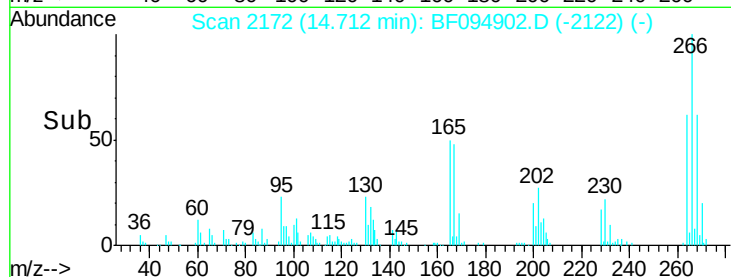
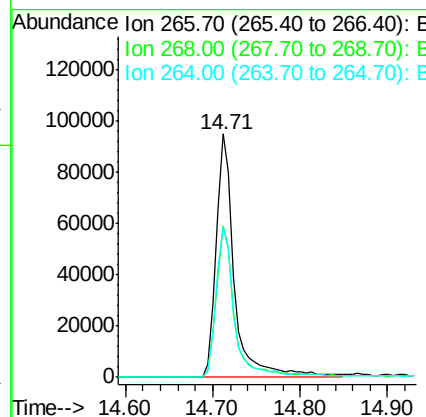
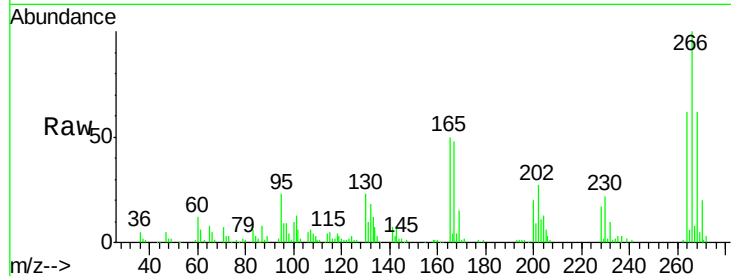
#69
 Pentachlorophenol
 Concen: 94.90 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	139911		
268	62.4	51.1	76.7	
264	61.6	51.7	77.5	

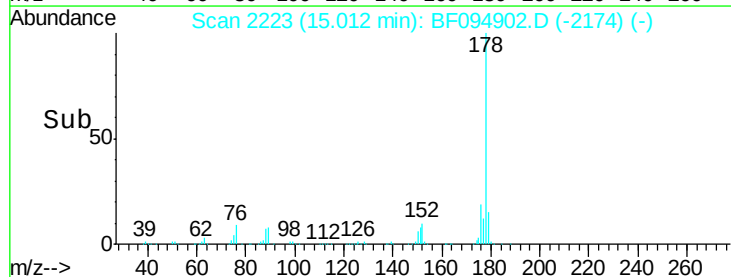
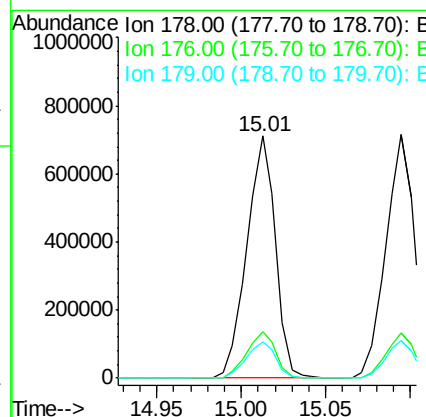
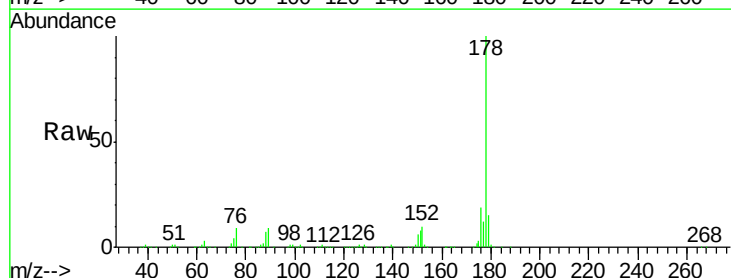
Manual Integrations
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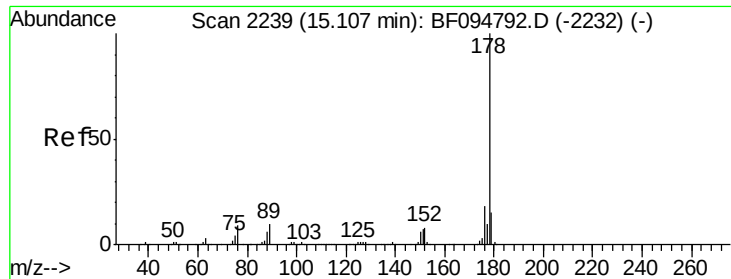
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#70
 Phenanthrene
 Concen: 49.29 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	842404		
176	19.3	16.2	24.4	
179	15.2	12.6	19.0	





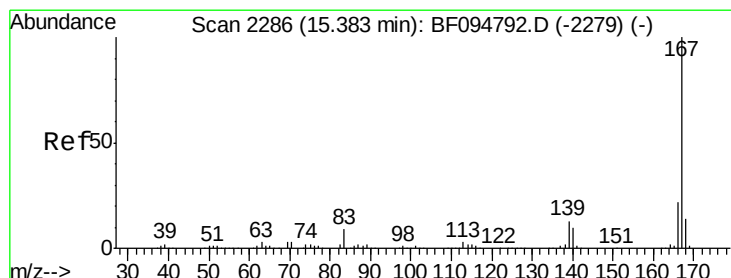
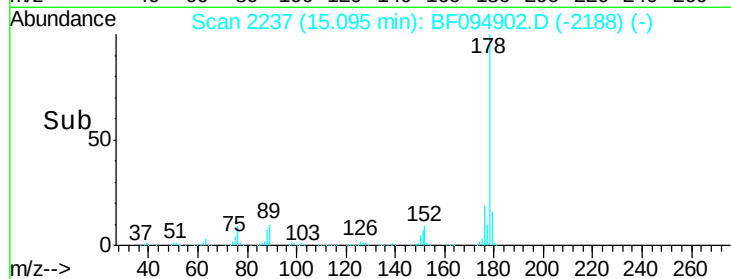
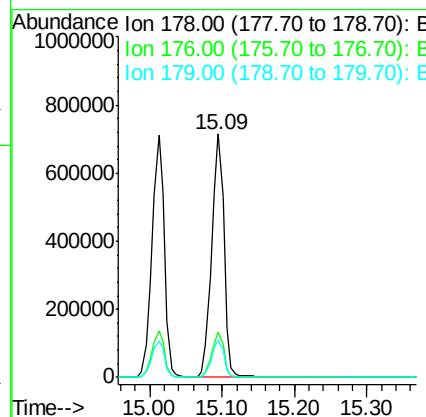
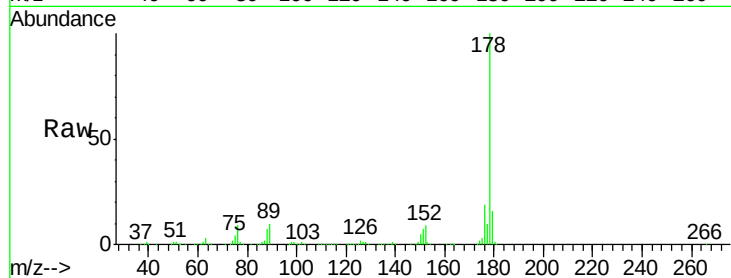
#71
 Anthracene
 Concen: 48.56 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

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

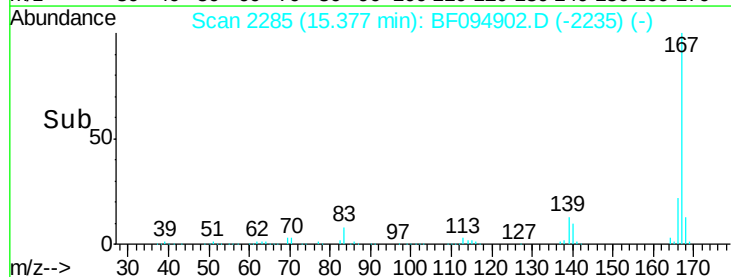
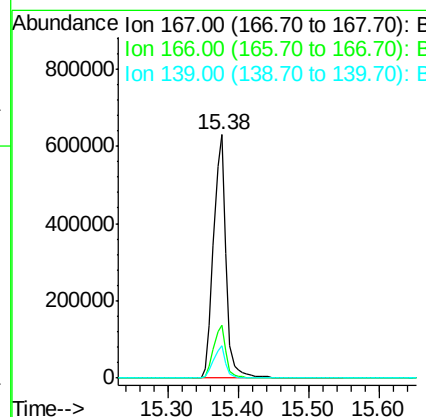
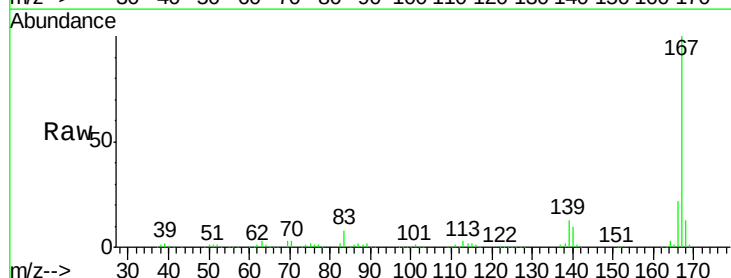
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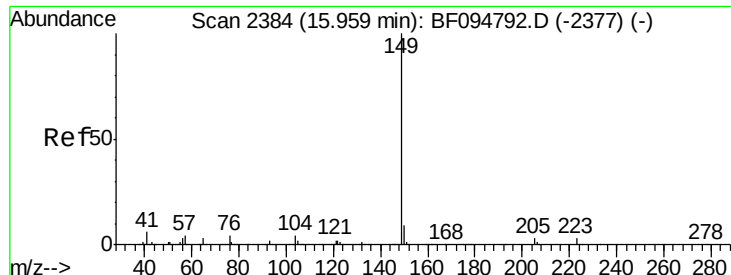
mohammad
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#72
 Carbazole
 Concen: 49.19 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.4	11.7	17.5





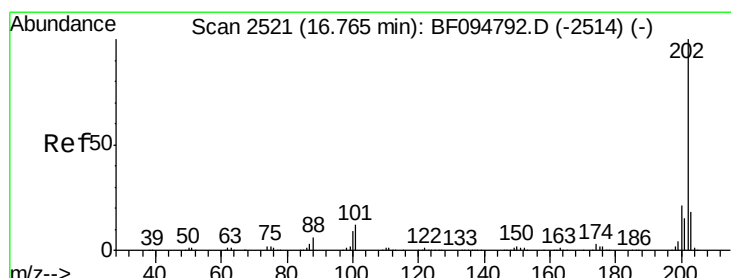
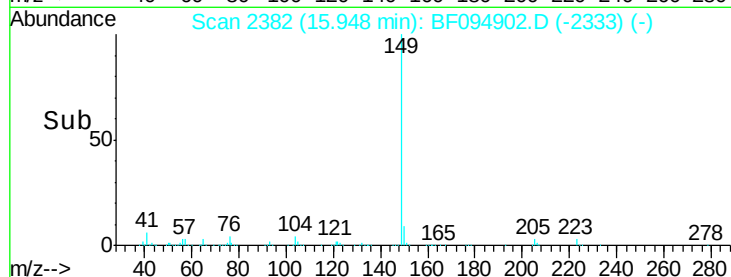
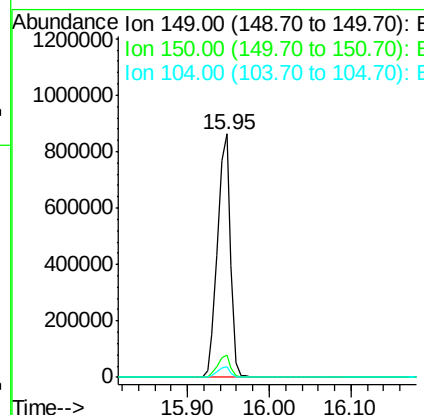
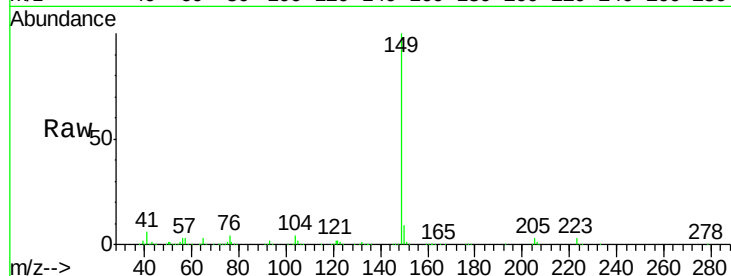
#73
Di-n-butylphthalate
Concen: 48.76 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	965985		
150	9.2	7.7	11.5	
104	4.2	4.0	6.0	

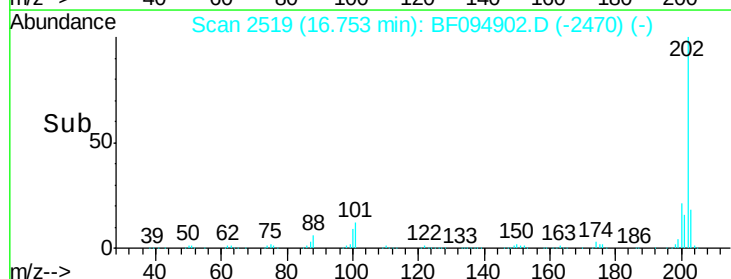
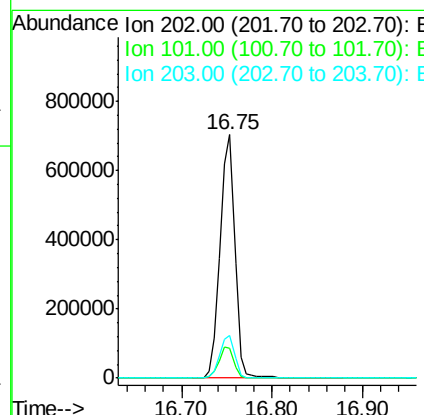
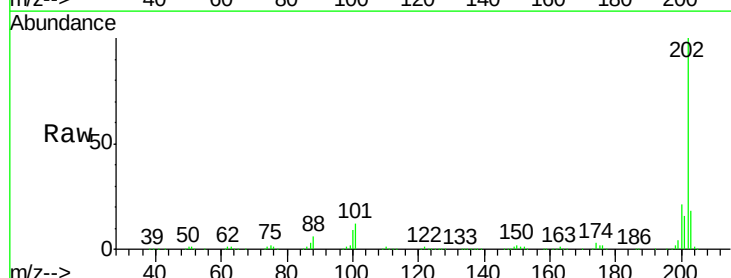
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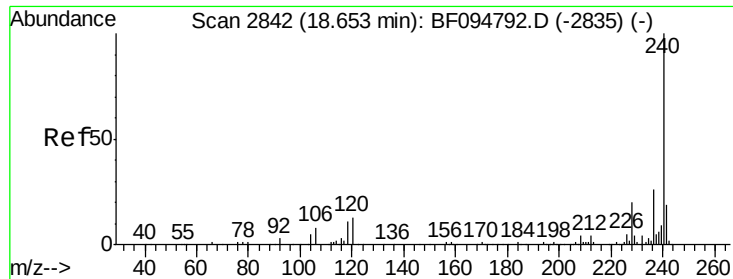
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#74
Fluoranthene
Concen: 45.36 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	795365		
101	12.3	0.0	33.2	
203	17.6	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: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

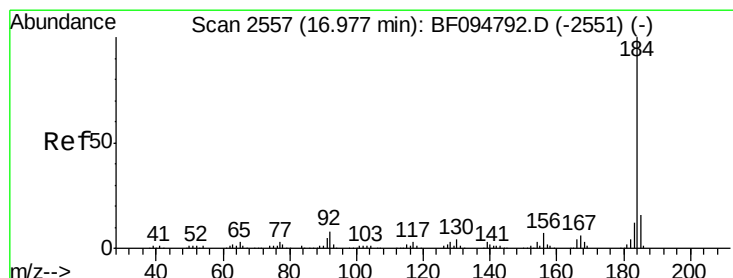
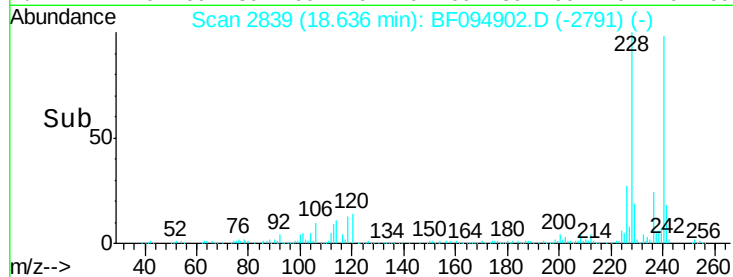
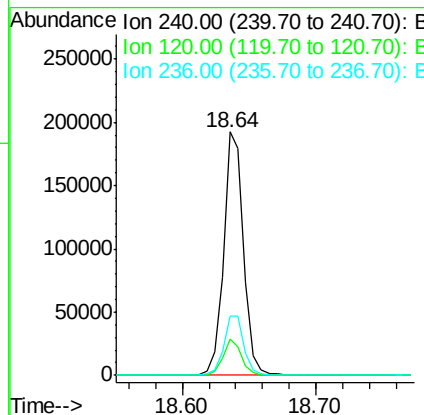
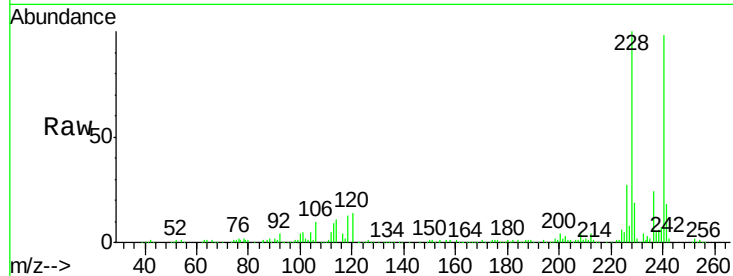
ClientSampleId :

TP-1MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.6	20.5	30.7

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#76

Benzidine

Concen: 8.29 ng

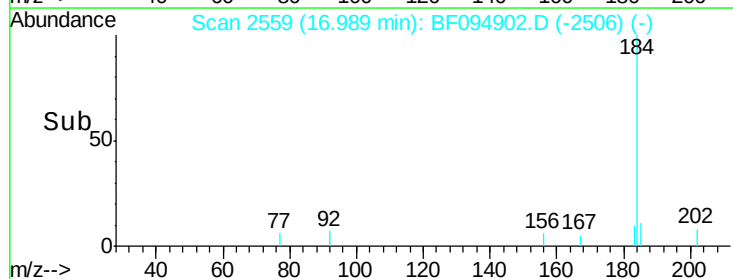
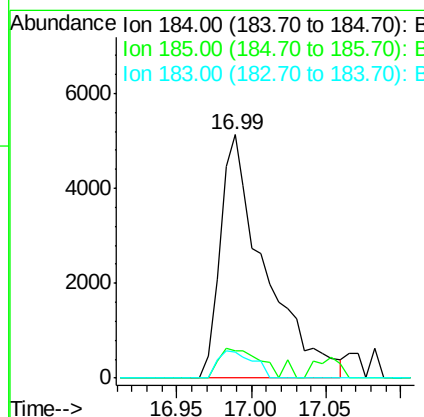
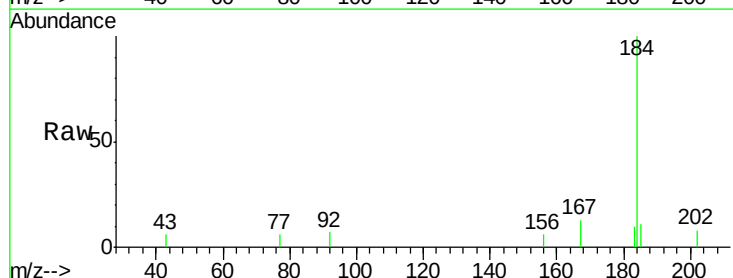
RT: 16.99 min Scan# 2559

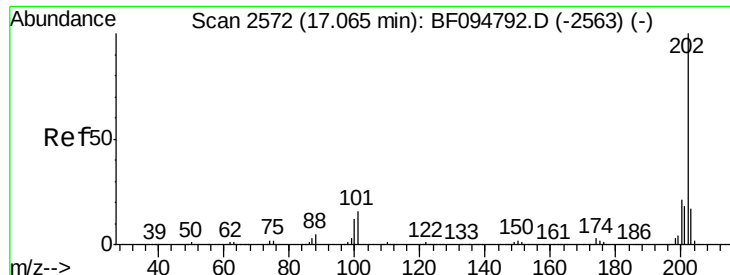
Delta R.T. 0.01 min

Lab File: BF094902.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	11.0	15.5	23.3#
183	10.4	9.8	14.6





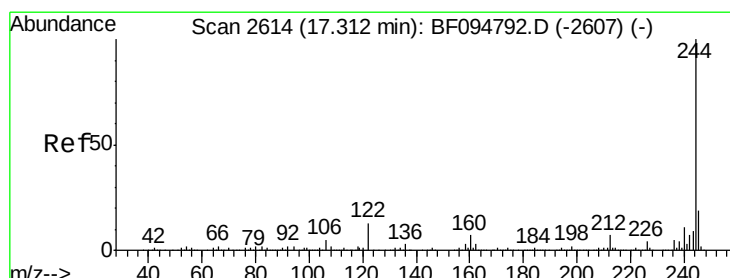
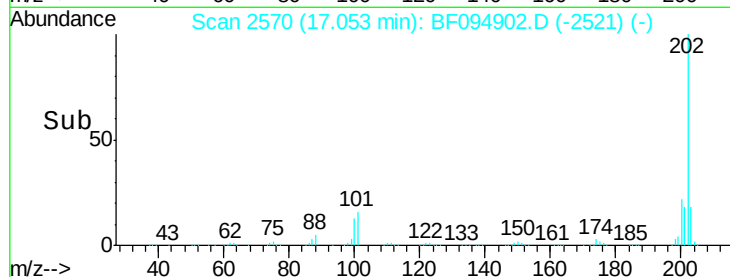
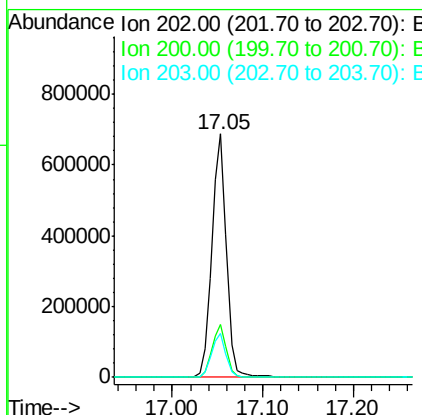
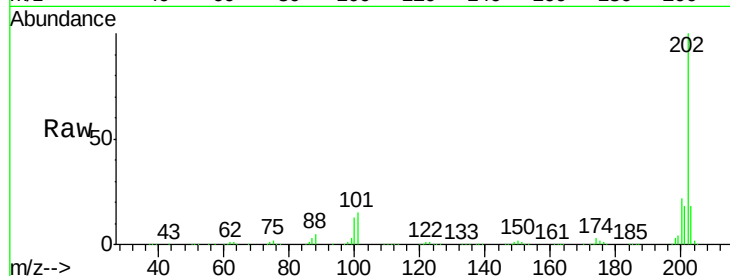
#77
 Pyrene
 Concen: 51.34 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	771304		
200	21.6		17.6	26.4
203	18.1		14.4	21.6

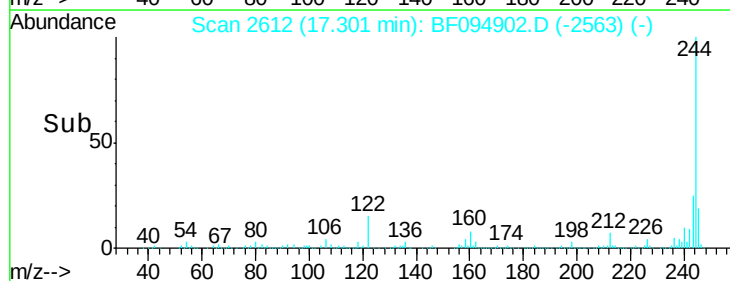
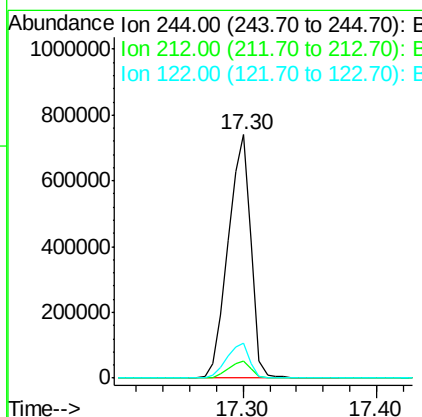
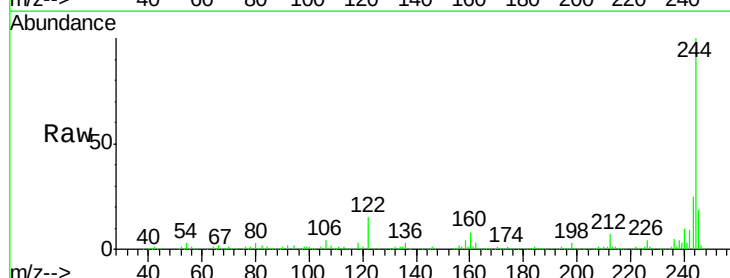
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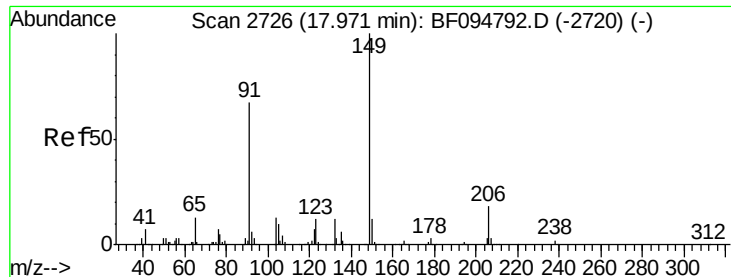
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#78
 Terphenyl-d14
 Concen: 97.76 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	891568		
212	6.9		6.0	9.0
122	14.5		10.3	15.5





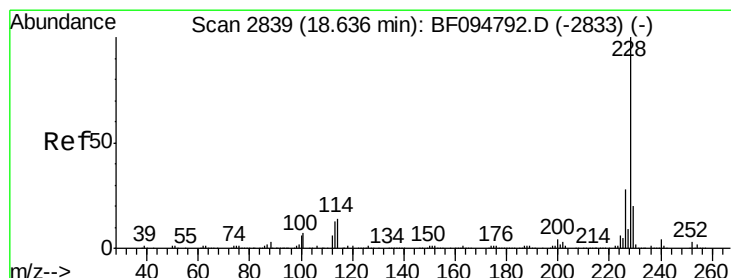
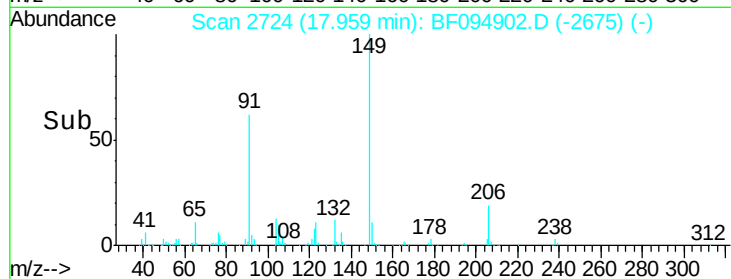
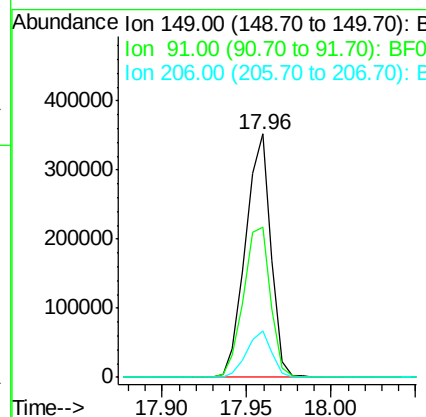
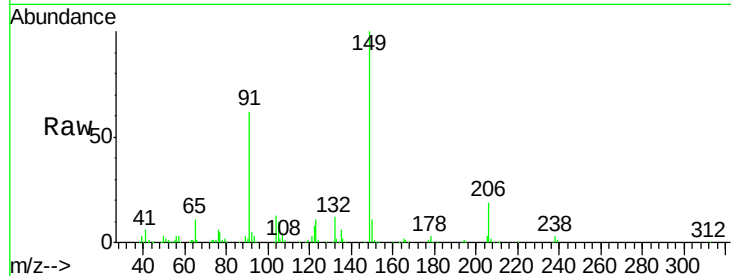
#79
Butylbenzylphthalate
Concen: 52.82 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	61.9	45.0	67.4
206	19.3	17.0	25.6

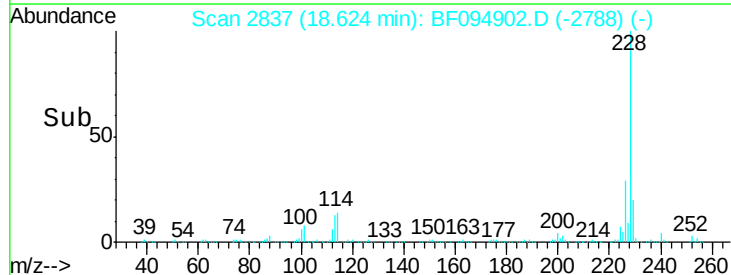
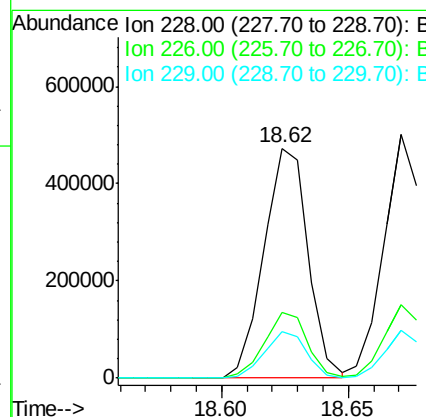
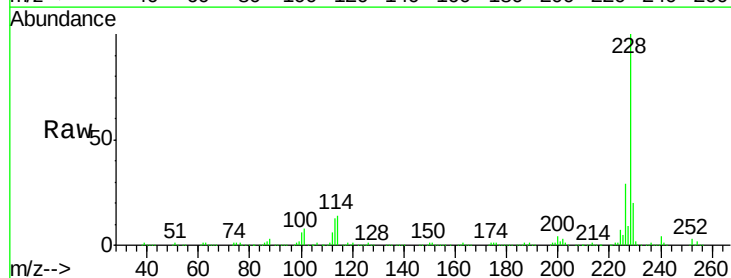
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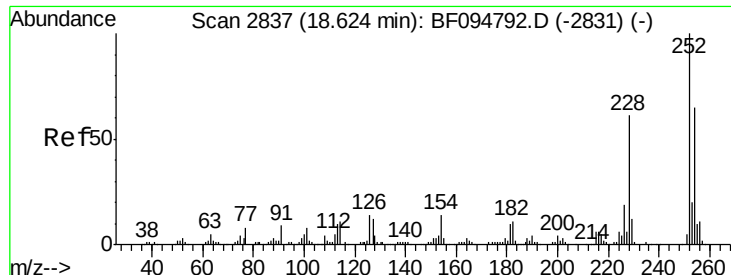
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#80
Benzo(a)anthracene
Concen: 49.23 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.6	22.6	33.8
229	20.3	16.3	24.5





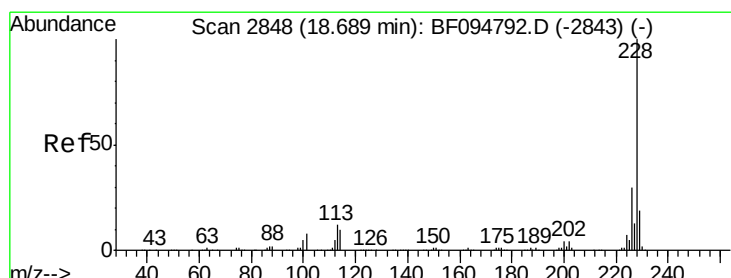
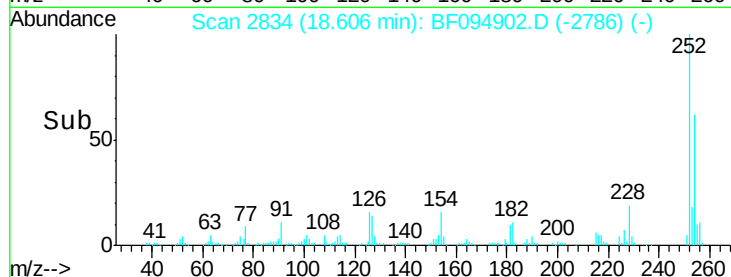
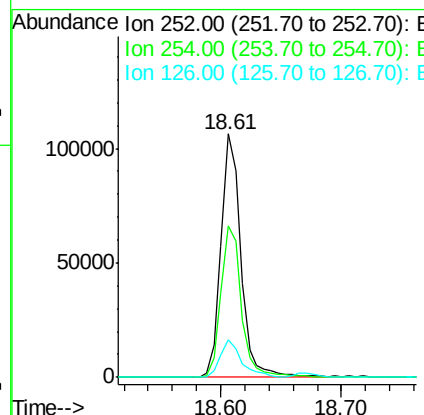
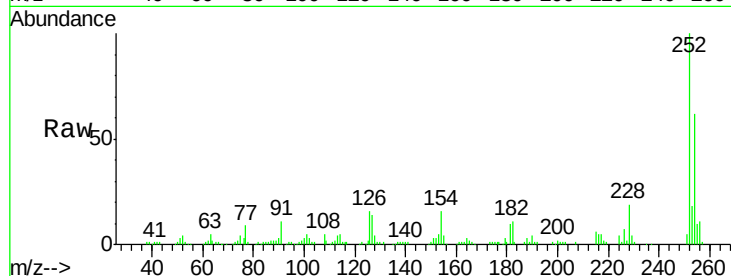
#81
 3,3'-Dichlorobenzidine
 Concen: 29.99 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.2	51.5	77.3
126	15.6	15.8	23.8

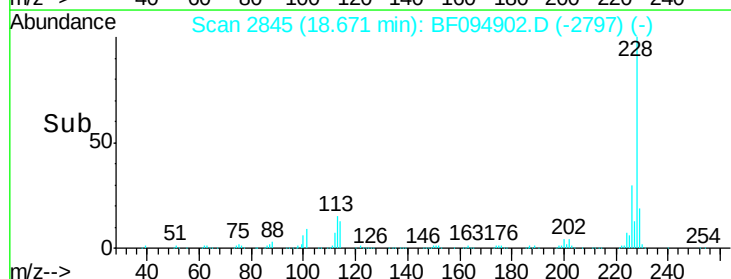
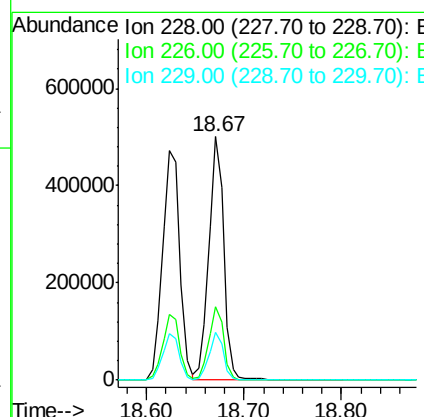
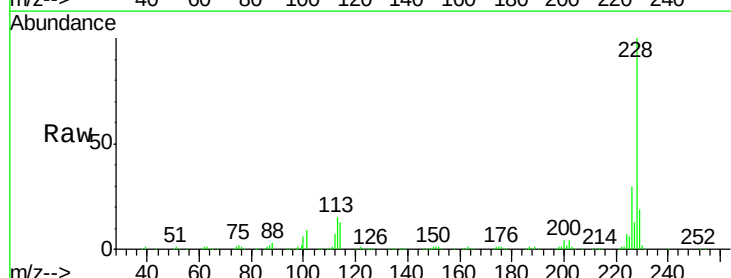
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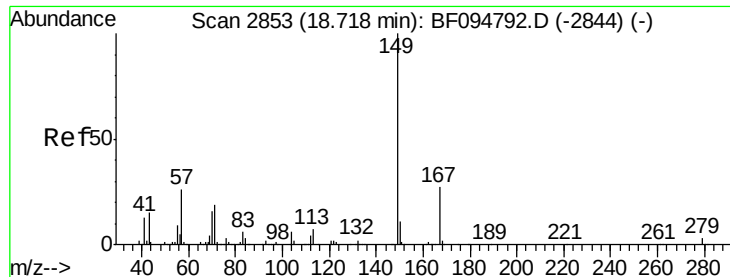
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#82
 Chrysene
 Concen: 47.10 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.67 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

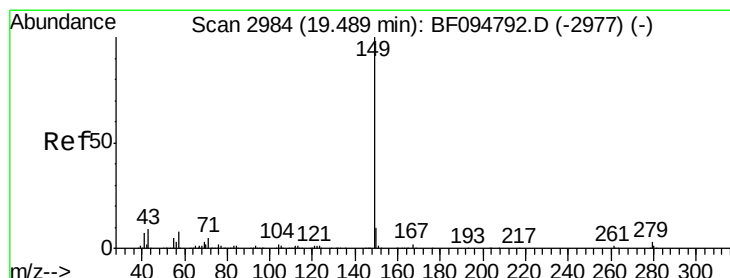
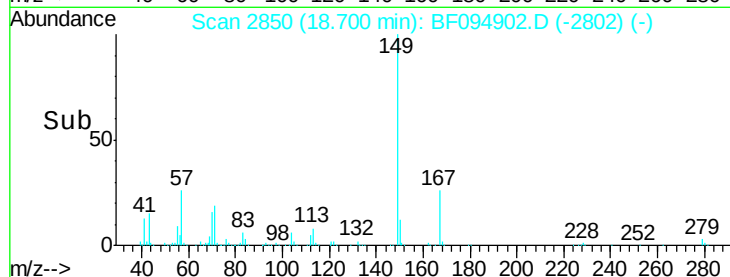
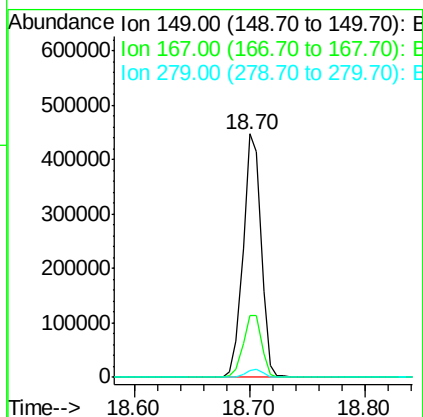
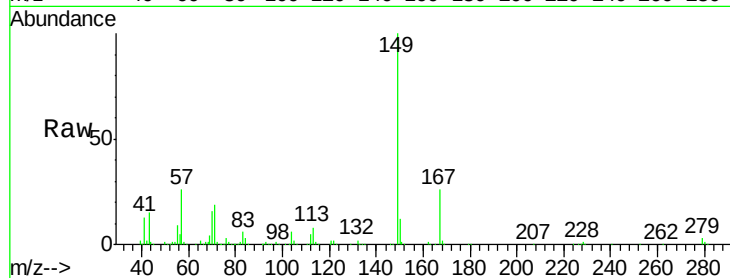
ClientSampleId :

TP-1MS

Tgt Ion:	149	Resp:	484591
Ion Ratio		Lower	Upper
149	100		
167	25.6	21.0	31.4
279	2.6	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 49.66 ng

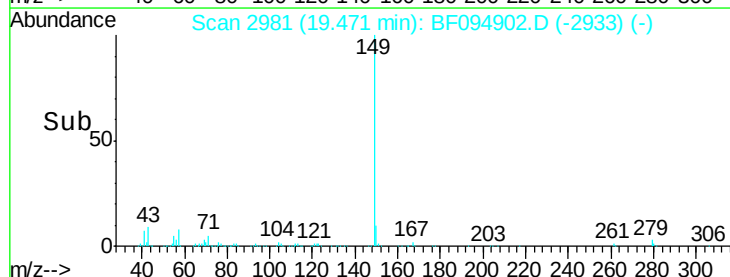
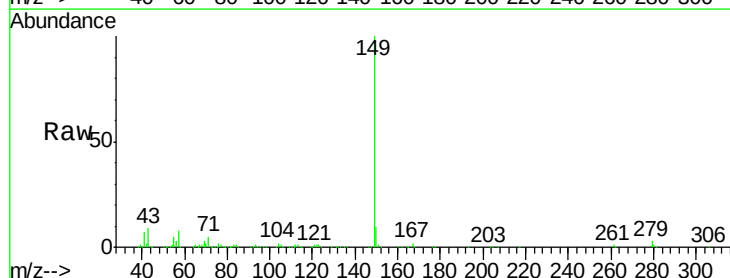
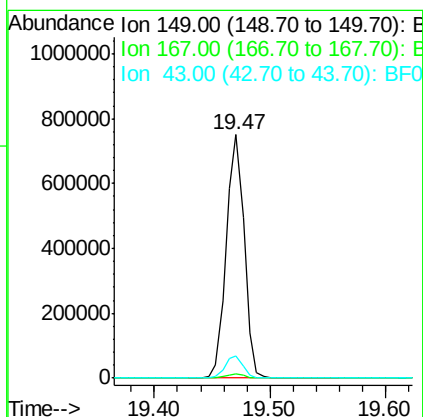
RT: 19.47 min Scan# 2981

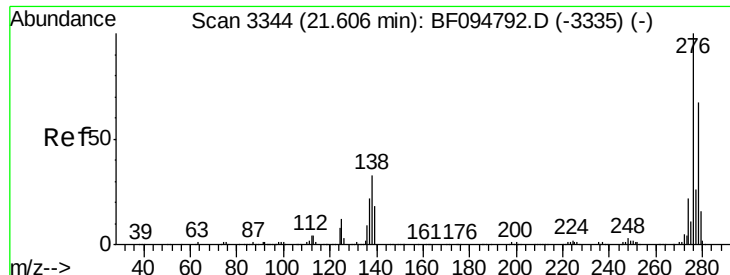
Delta R.T. -0.02 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion:	149	Resp:	810610
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.9	8.5	12.7





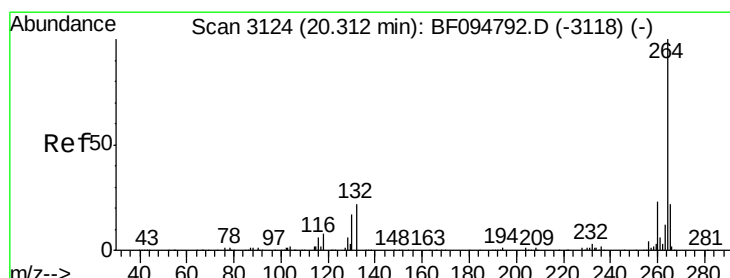
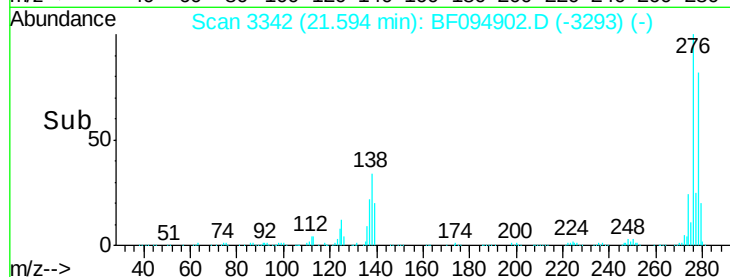
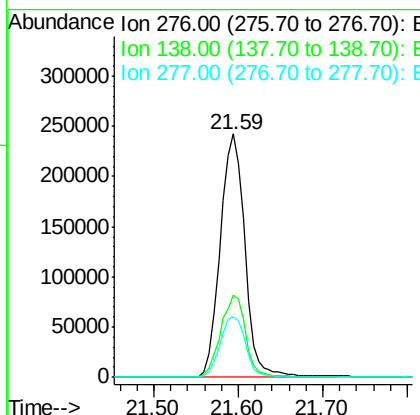
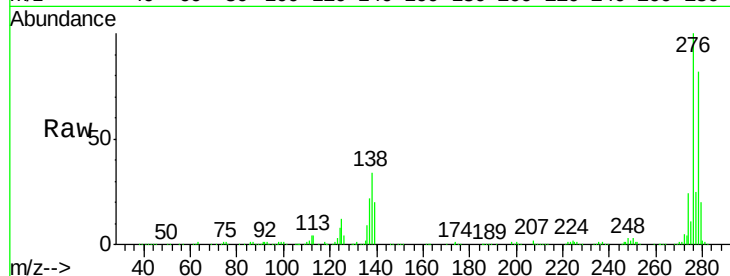
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.92 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	494916		
138	34.2	27.8	41.6	
277	25.8	20.2	30.4	

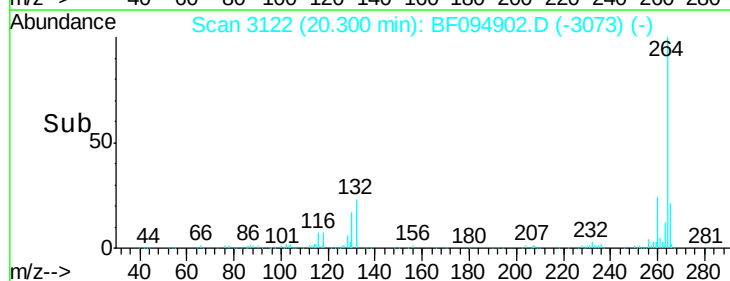
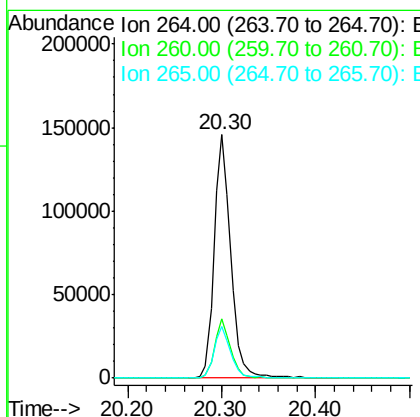
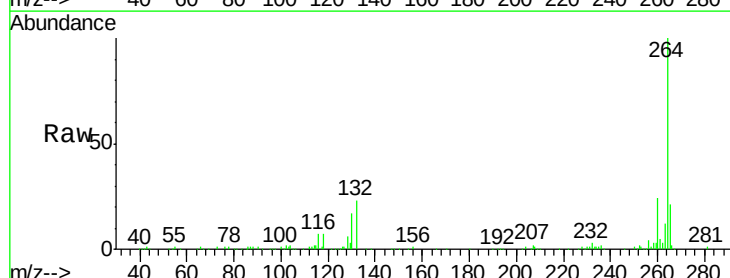
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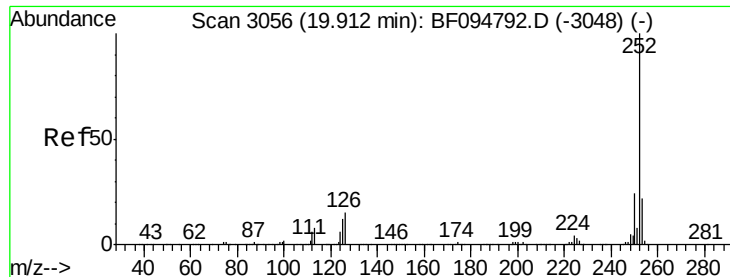
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	181698		
260	24.4	19.5	29.3	
265	21.3	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 50.43 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Instrument :

BNA_F

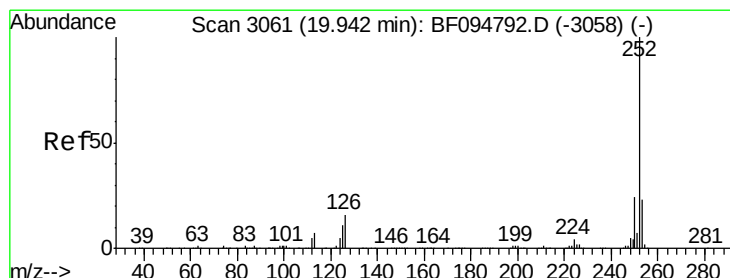
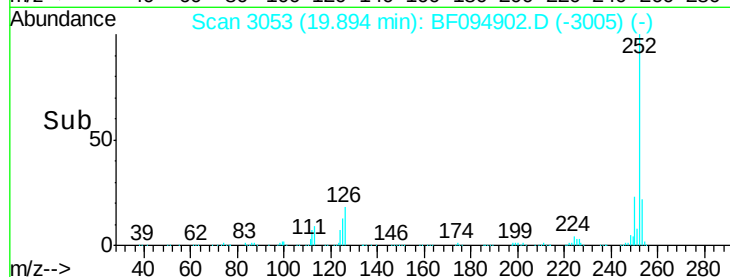
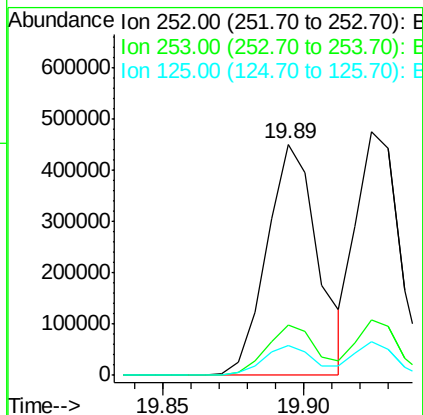
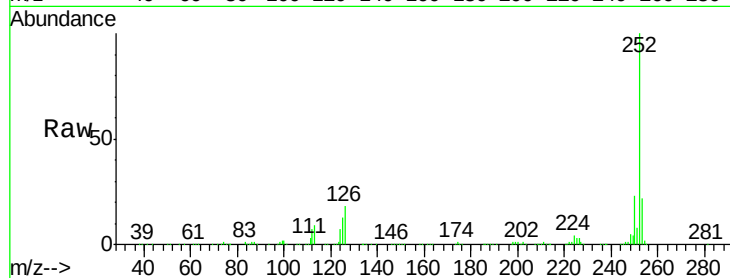
ClientSampleId :

TP-1MS

Tgt Ion:	252	Resp:	566174
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	12.7	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 47.81 ng

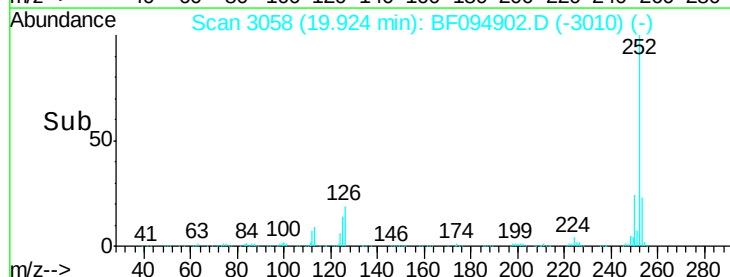
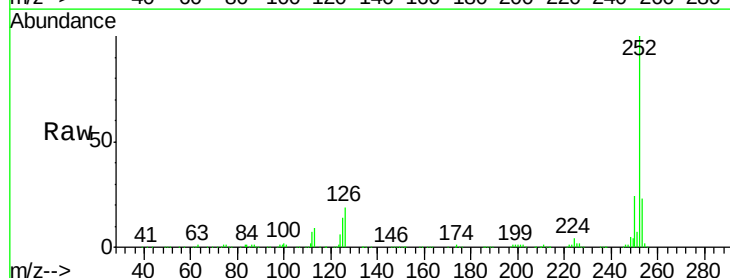
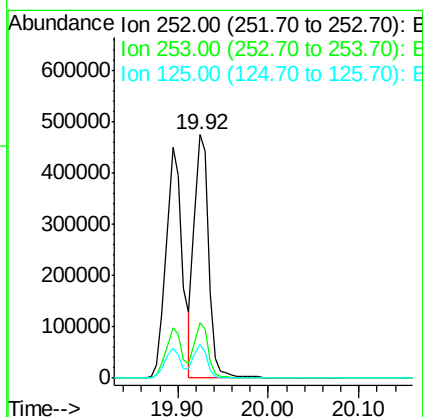
RT: 19.92 min Scan# 3058

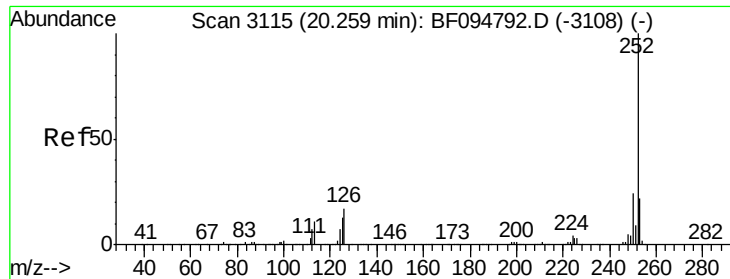
Delta R.T. -0.02 min

Lab File: BF094902.D

Acq: 5 May 2017 6:56

Tgt Ion:	252	Resp:	517742
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	13.7	13.1	19.7





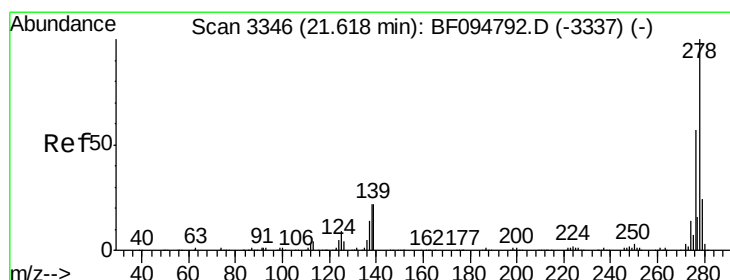
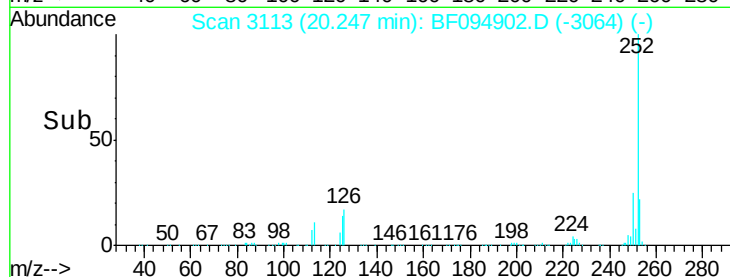
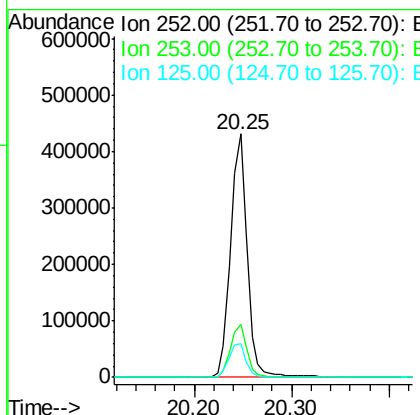
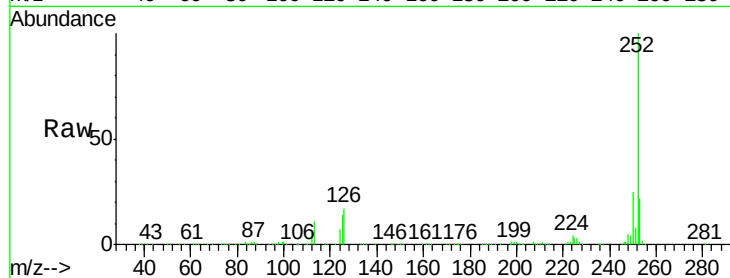
#89
Benzo(a)pyrene
Concen: 49.22 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.7	11.0	16.4

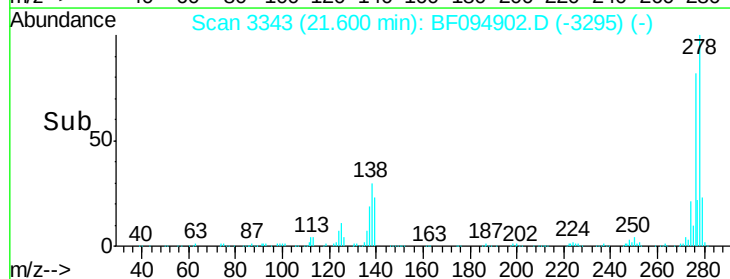
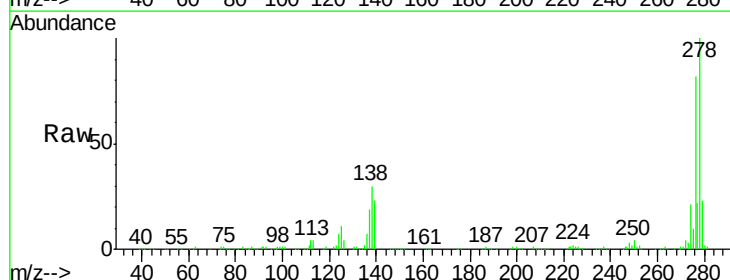
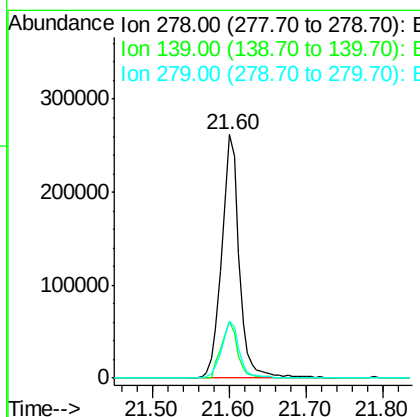
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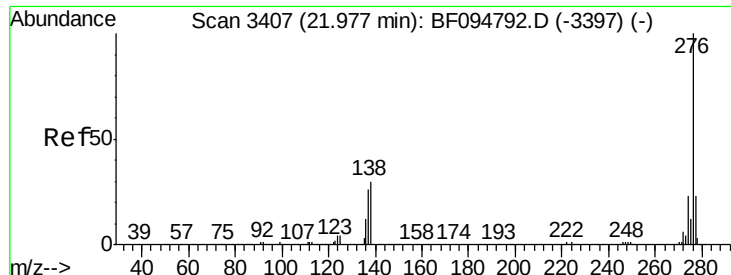
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#90
Dibenzo(a,h)anthracene
Concen: 48.74 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094902.D
Acq: 5 May 2017 6:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 47.64 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094902.D
 Acq: 5 May 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:	276	Resp:	400021
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.6	28.0
138	28.9	25.4	38.0

Manual Integrations
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