

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095791.D
 Acq On : 8 Jun 2017 19:26
 Operator : SJ/MA
 Sample : I3541-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MS

Manual Integrations
 APPROVED

mohammad

6/9/2017 12:08:52 PM

Quant Time: Jun 09 11:42:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	68459	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	287602	20.00	ng	-0.03
38) Acenaphthene-d10	12.23	164	129791	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	234597	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	170849	20.00	ng	-0.02
86) Perylene-d12	20.00	264	135304	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	713140	165.99	ng	-0.01
7) Phenol-d6	6.95	99	862988	167.79	ng	-0.01
23) Nitrobenzene-d5	8.29	82	509299	109.98	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	174922	152.32	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	962749	103.22	ng	-0.03
78) Terphenyl-d14	17.00	244	777149	112.89	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.75	88	87235	42.68	ng	94
3) Pyridine	2.29	79	225880	47.02	ng	96
4) n-Nitrosodimethylamine	2.27	42	99277	54.36	ng	# 76
6) Aniline	6.87	93	256846	38.17	ng	92
8) 2-Chlorophenol	7.06	128	260541	57.04	ng	96
9) Benzaldehyde	6.67	77	103847	29.93	ng	94
10) Phenol	6.96	94	329689	61.79	ng	90
11) bis(2-Chloroethyl)ether	7.02	93	225678	53.39	ng	98
12) 1,3-Dichlorobenzene	7.27	146	269246	52.07	ng	98
13) 1,4-Dichlorobenzene	7.40	146	275199	52.48	ng	97
14) 1,2-Dichlorobenzene	7.63	146	262528	54.31	ng	97
15) Benzyl Alcohol	7.67	79	210467	59.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.87	45	326930	55.05	ng	97
17) 2-Methylphenol	7.90	107	220824	57.60	ng	94
18) Hexachloroethane	8.15	117	93203	53.82	ng	# 82
19) n-Nitroso-di-n-propylamine	8.11	70	184064	56.47	ng	95
20) 3+4-Methylphenols	8.16	107	286808	58.94	ng	# 60
22) Acetophenone	8.06	105	367145	54.54	ng	# 84
24) Nitrobenzene	8.32	77	256576	51.87	ng	92
25) Isophorone	8.72	82	467146	54.02	ng	97
26) 2-Nitrophenol	8.83	139	143772	55.50	ng	96
27) 2,4-Dimethylphenol	8.98	122	229896	57.19	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	307337	53.92	ng	100
29) 2,4-Dichlorophenol	9.25	162	221934	57.32	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	214392	53.22	ng	98
31) Naphthalene	9.43	128	747163	51.76	ng	99
33) 4-Chloroaniline	9.58	127	155065	27.49	ng	# 93
34) Hexachlorobutadiene	9.66	225	107014	51.41	ng	98
35) Caprolactam	10.23	113	68922m	59.83	ng	
36) 4-Chloro-3-methylphenol	10.47	107	230883	56.97	ng	88
37) 2-Methylnaphthalene	10.56	142	510699	52.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	199477	51.35	ng	99
40) Hexachlorocyclopentadiene	10.82	237	111742	90.12	ng	99
42) 2,4,6-Trichlorophenol	11.07	196	131248	52.55	ng	97

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Manual Integrations
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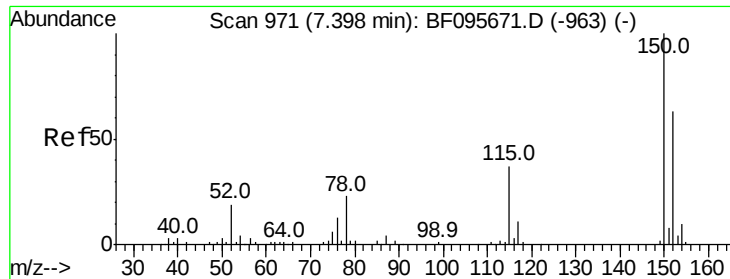
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6/9/2017 12:08:52 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	139456	52.50	nq	94
45) 1,1'-Biphenyl	11.33	154	566239	52.93	nq	98
46) 2-Chloronaphthalene	11.35	162	440857	52.75	nq	95
47) 2-Nitroaniline	11.57	65	132573	54.20	nq	# 78
48) Acenaphthylene	12.00	152	697466	48.80	nq	99
49) Dimethylphthalate	11.90	163	737965	74.89	nq	98
50) 2,6-Dinitrotoluene	11.99	165	113514	52.81	nq	# 81
51) Acenaphthene	12.29	154	416277	50.43	nq	99
52) 3-Nitroaniline	12.24	138	96514	38.54	nq	90
53) 2,4-Dinitrophenol	12.49	184	13262	16.49	nq	# 75
54) Dibenzofuran	12.57	168	637298	54.86	nq	98
55) 4-Nitrophenol	12.64	139	115639	79.14	nq	# 71
56) 2,4-Dinitrotoluene	12.65	165	160310	55.22	nq	# 86
57) Fluorene	13.12	166	506663	50.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	100905	55.51	nq	# 91
59) Diethylphthalate	13.04	149	507434	53.51	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	222025	50.50	nq	91
61) 4-Nitroaniline	13.25	138	128215	54.83	nq	97
62) Azobenzene	13.41	77	465365	54.14	nq	94
64) 4,6-Dinitro-2-methylphenol	13.33	198	43979	28.52	nq	# 72
65) n-Nitrosodiphenylamine	13.37	169	434889	51.59	nq	98
66) 4-Bromophenyl-phenylether	13.93	248	127329	52.22	nq	95
67) Hexachlorobenzene	14.02	284	125889	52.40	nq	# 91
68) Atrazine	14.29	200	127429	54.32	nq	97
69) Pentachlorophenol	14.37	266	75357	82.50	nq	94
70) Phenanthrene	14.66	178	704712	52.06	nq	98
71) Anthracene	14.74	178	722763	51.15	nq	99
72) Carbazole	15.04	167	674982	49.01	nq	97
73) Di-n-butylphthalate	15.63	149	783355	53.47	nq	98
74) Fluoranthene	16.44	202	705146	52.63	nq	99
76) Benzidine	16.66	184	289221	44.08	nq	# 92
77) Pyrene	16.74	202	718988	56.40	nq	99
79) Butylbenzylphthalate	17.66	149	322431	57.91	nq	87
80) Benzo(a)anthracene	18.33	228	535090	53.87	nq	98
81) 3,3'-Dichlorobenzidine	18.31	252	127176	36.01	nq	# 96
82) Chrysene	18.37	228	510396	51.42	nq	98
83) Bis(2-ethylhexyl)phthalate	18.42	149	449211	57.20	nq	# 100
84) Di-n-octyl phthalate	19.18	149	688853	53.23	nq	96
85) Indeno(1,2,3-cd)pyrene	21.18	276	414657	48.82	nq	99
87) Benzo(b)fluoranthene	19.60	252	427318	50.44	nq	97
88) Benzo(k)fluoranthene	19.63	252	423117	52.25	nq	96
89) Benzo(a)pyrene	19.94	252	398211	51.14	nq	96
90) Dibenzo(a,h)anthracene	21.18	278	346538	52.46	nq	99
91) Benzo(g,h,i)perylene	21.50	276	365895	54.33	nq	97

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095791.D
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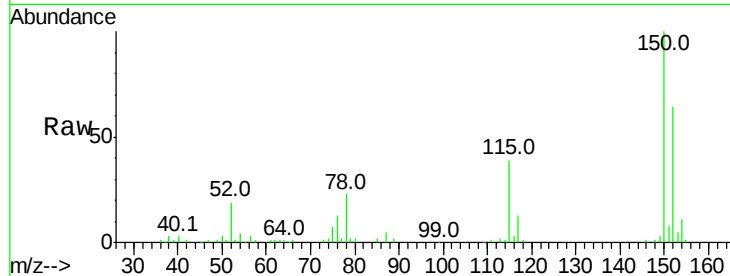
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	60.5	52.2	78.2

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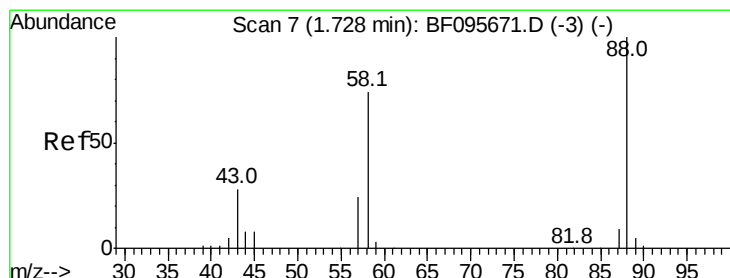
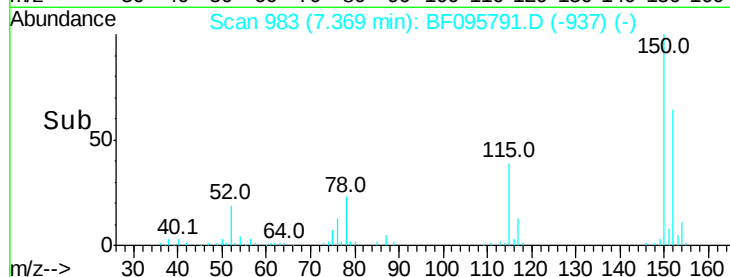
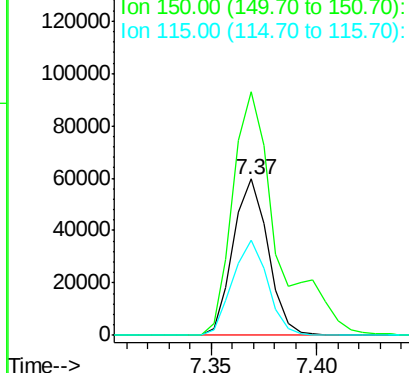


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.68 ng
RT: 1.75 min Scan# 28
Delta R.T. 0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

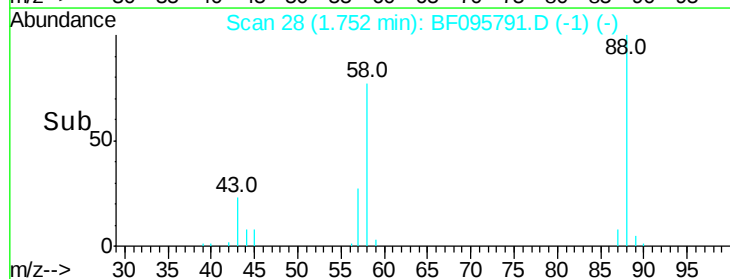
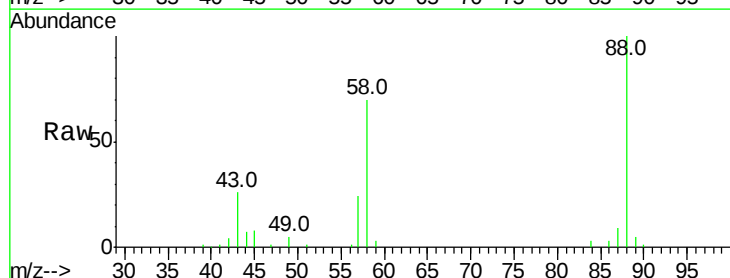
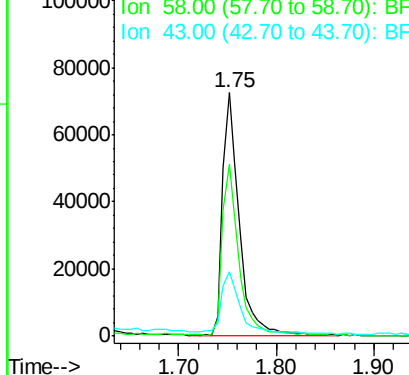
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	61.4	92.0
43	28.5	23.4	35.0

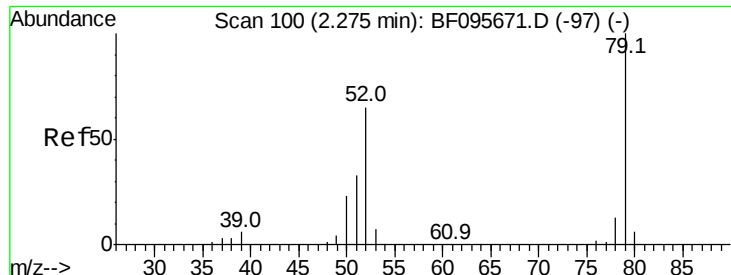
Abundance

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
 Pvridine
 Concen: 47.02 ng
 RT: 2.29 min Scan# 120
 Delta R.T. 0.02 min
 Lab File: BF095791.D
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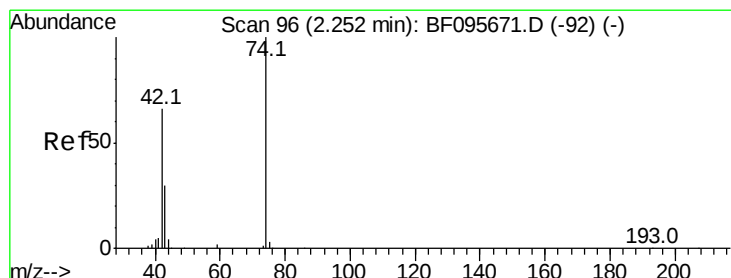
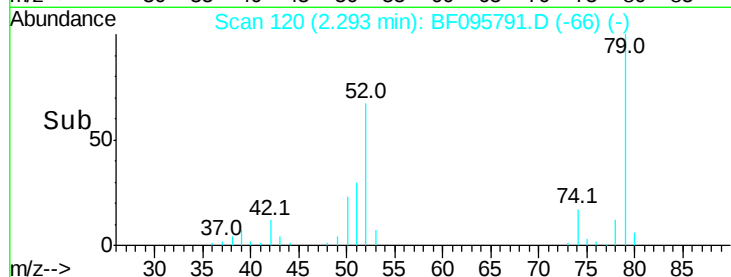
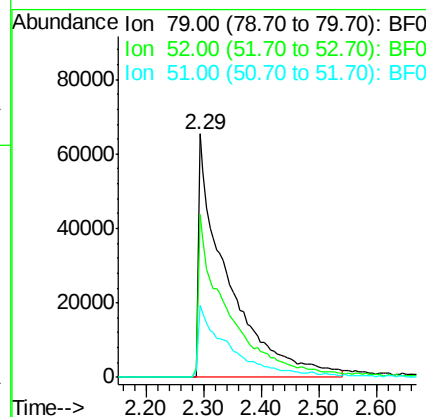
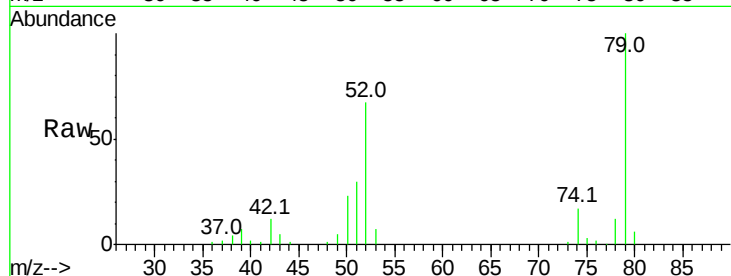
Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MS

Tot Ion: 79 Resp: 225880
 Ion Ratio Lower Upper
 79 100
 52 67.0 54.8 82.2
 51 29.8 27.0 40.4

Manual Integrations
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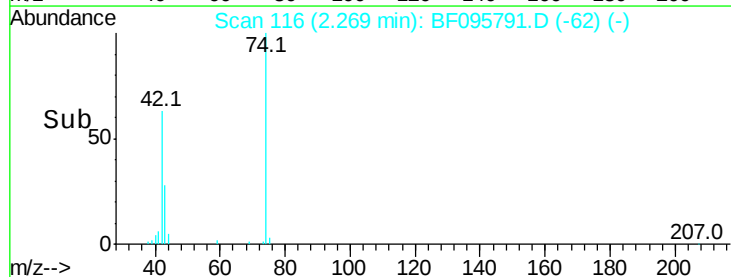
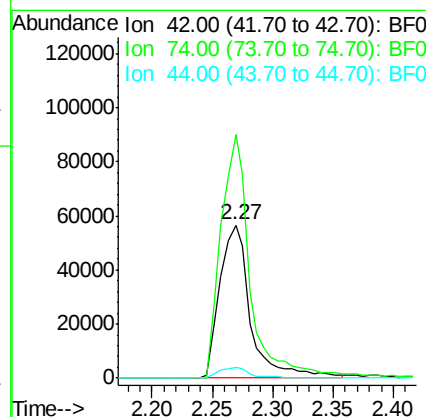
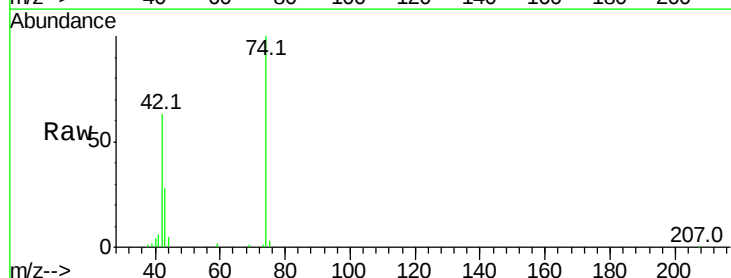
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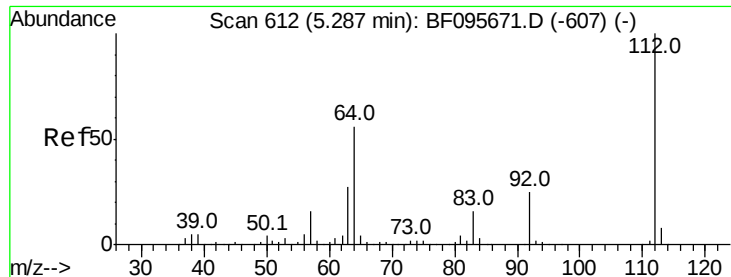
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#4
 n-Nitrosodimethylamine
 Concen: 54.36 ng
 RT: 2.27 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF095791.D
 Acq: 8 Jun 2017 19:26

Tgt Ion: 42 Resp: 99277
 Ion Ratio Lower Upper
 42 100
 74 159.3 103.9 155.9#
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 165.99 ng

RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

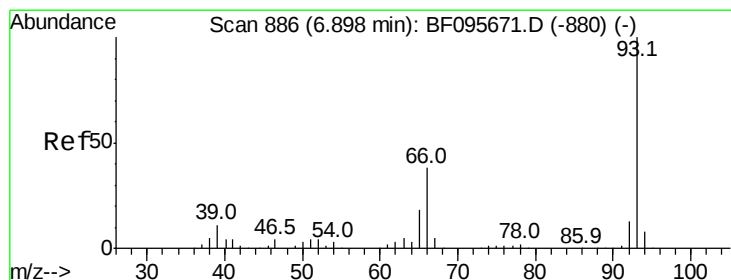
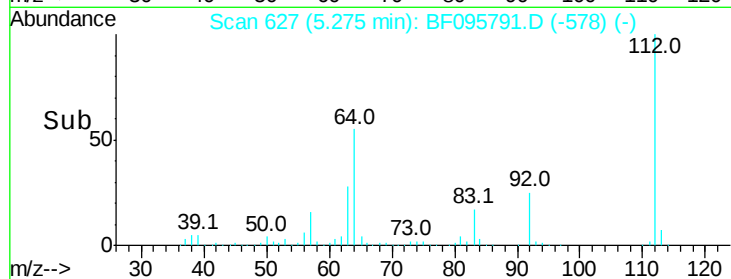
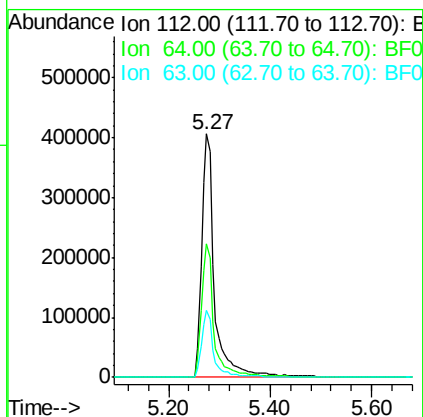
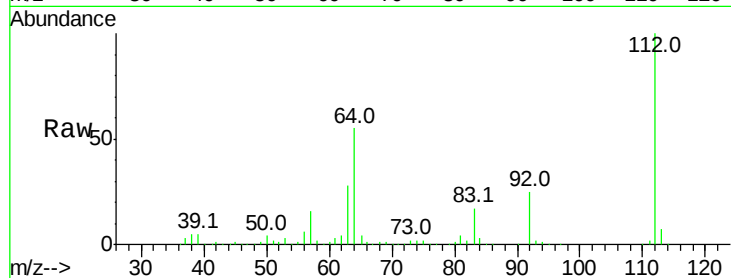
RT-3460MS

Tot Ion:	112	Resp:	713140
Ion Ratio	Lower	Upper	
112	100		
64	54.6	46.0	69.0
63	27.6	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 38.17 ng

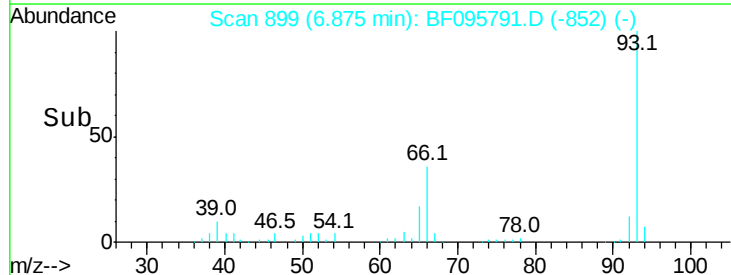
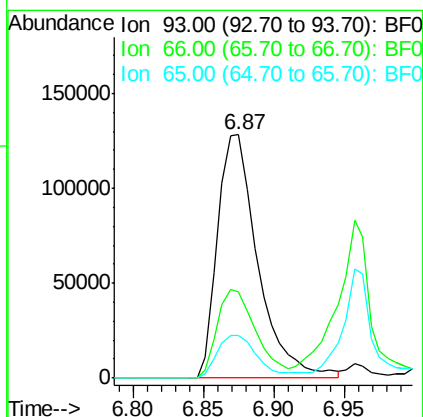
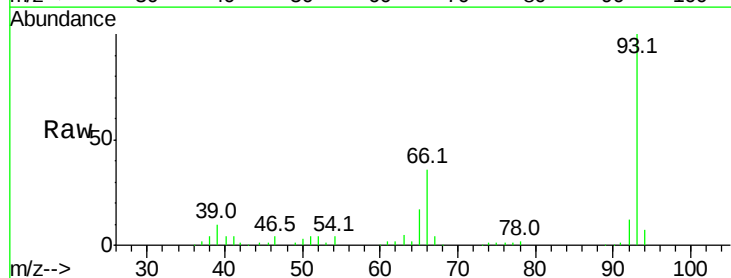
RT: 6.87 min Scan# 899

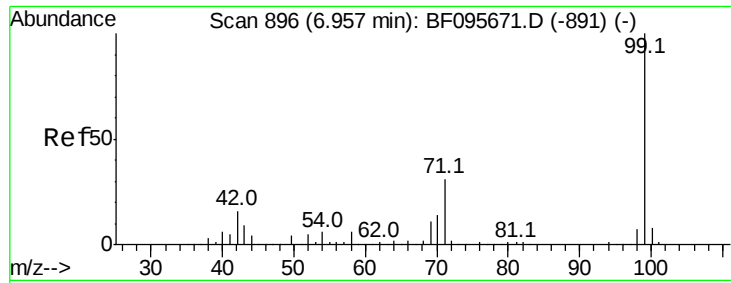
Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	93	Resp:	256846
Ion Ratio	Lower	Upper	
93	100		
66	35.6	32.9	49.3
65	17.3	16.0	24.0





#7

Phenol-d6

Concen: 167.79 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

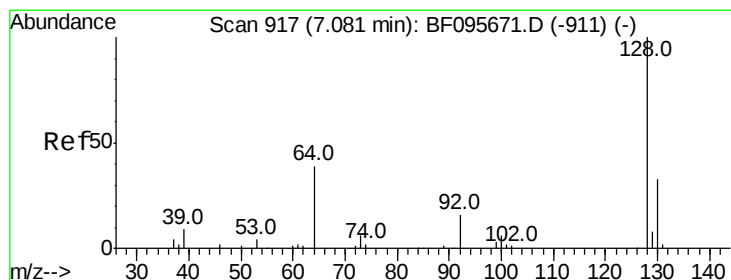
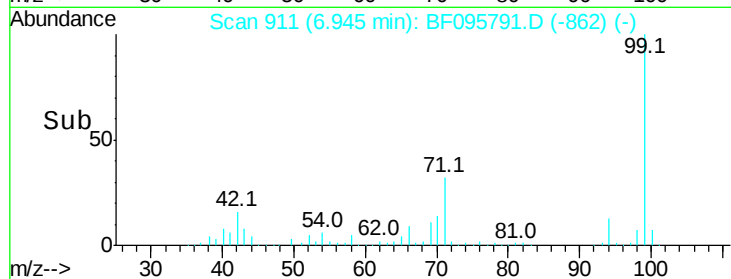
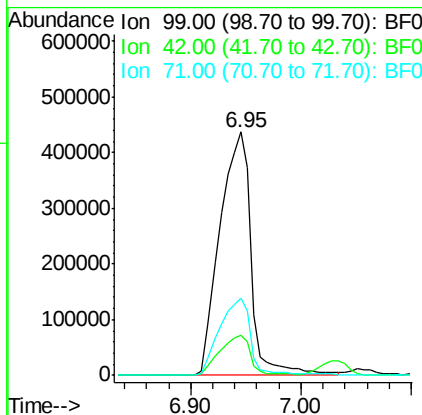
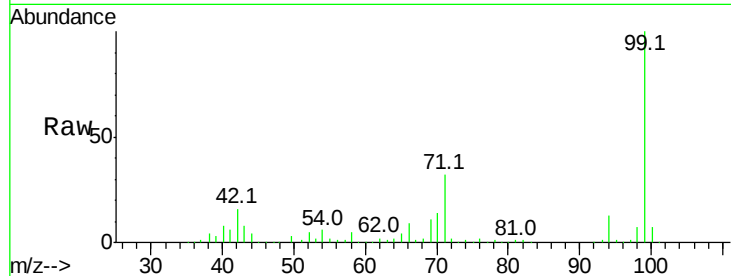
RT-3460MS

Tot Ion:	99	Resp:	862988
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	31.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 57.04 ng

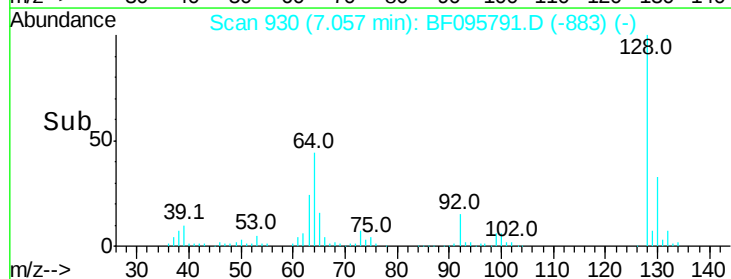
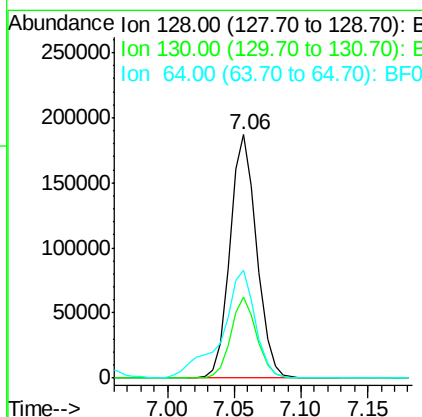
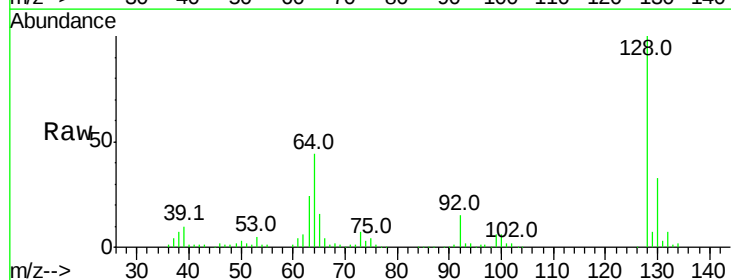
RT: 7.06 min Scan# 930

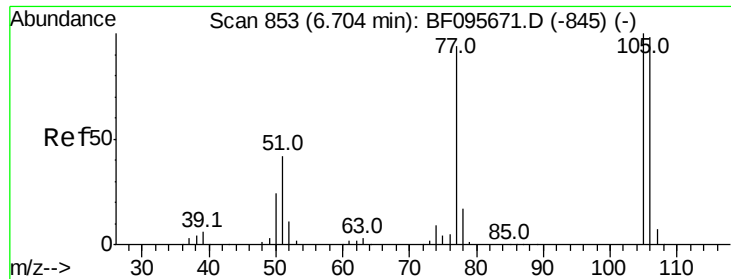
Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	128	Resp:	260541
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.9	52.9
64	44.2	28.4	68.4





#9
Benzaldehyde
Concen: 29.93 ng
RT: 6.67 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

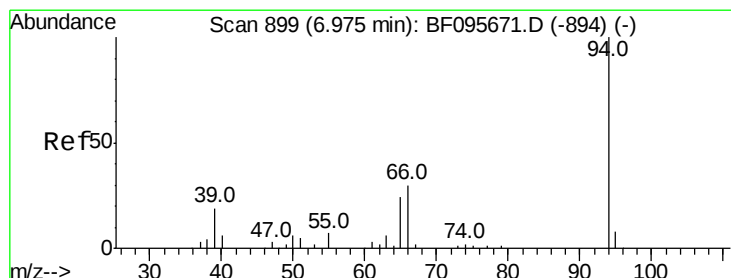
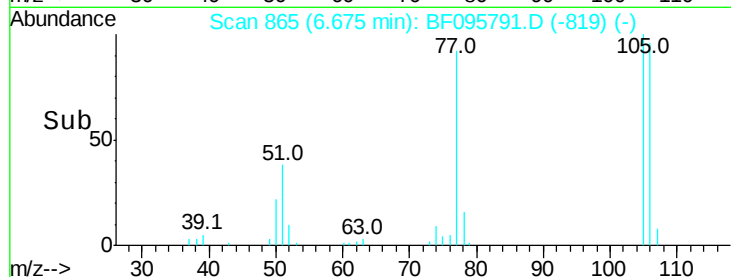
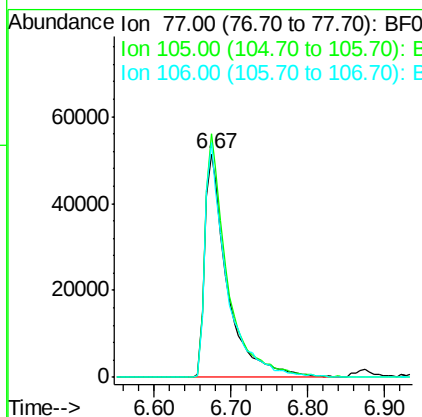
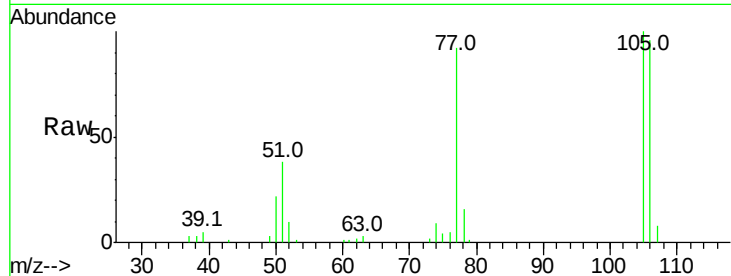
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	109.0	83.8	123.8
106	105.0	79.1	119.1

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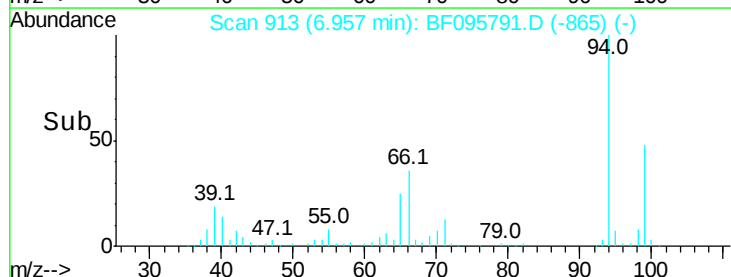
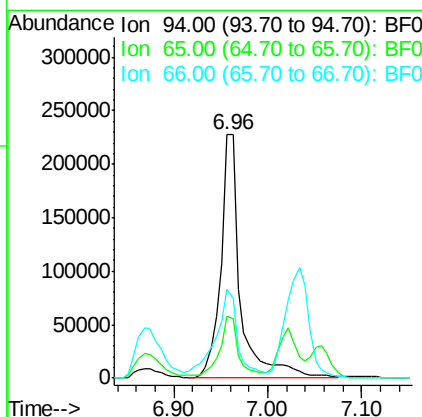
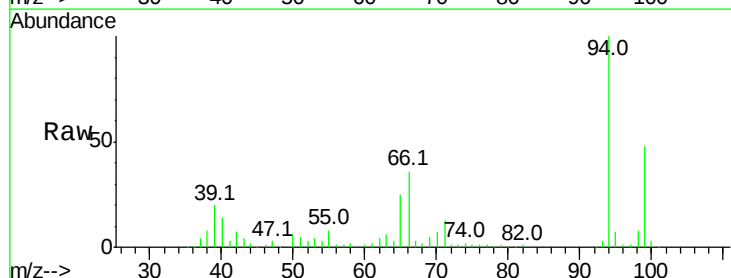
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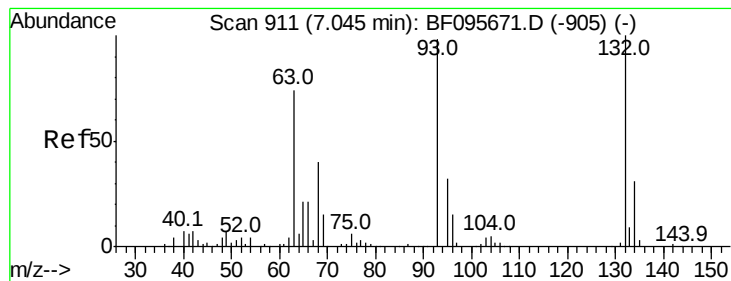
6/9/2017 12:08:52 PM



#10
Phenol
Concen: 61.79 ng
RT: 6.96 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	36.4	23.1	63.1





#11
bis(2-Chloroethyl)ether
Concen: 53.39 ng
RT: 7.02 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

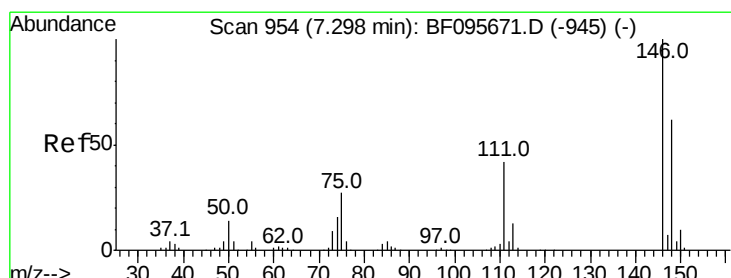
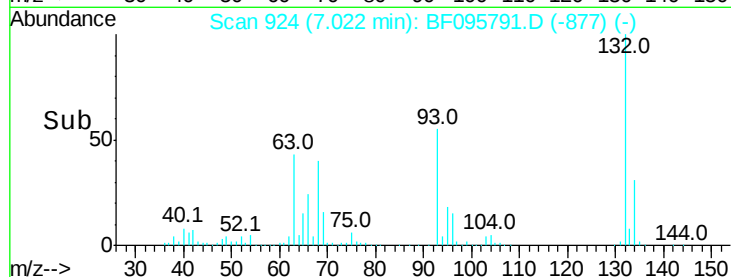
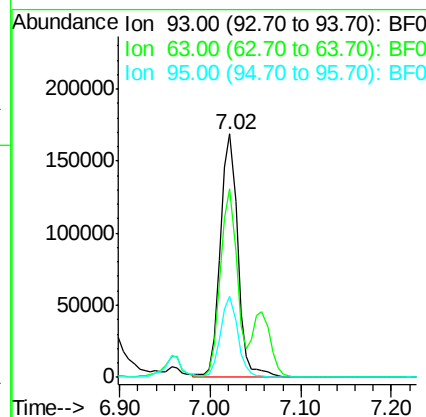
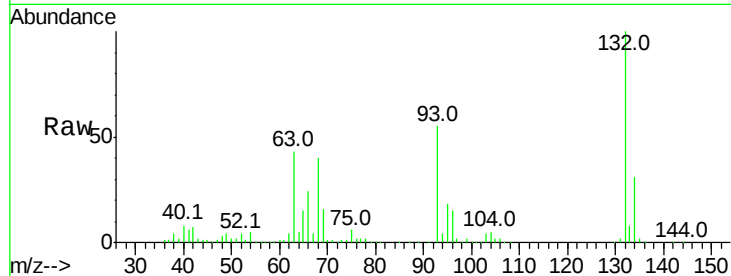
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	93	Resp	225678
Ion Ratio	Lower	Upper	
93	100		
63	77.5	59.2	99.2
95	33.2	12.8	52.8

Manual Integrations
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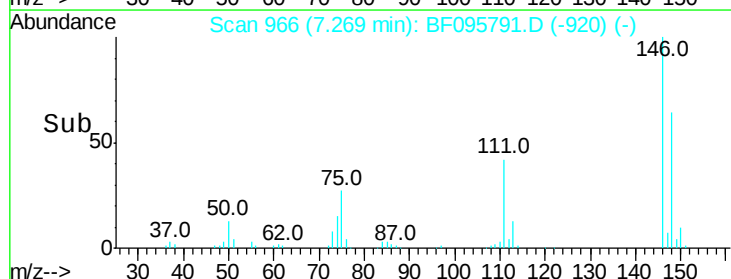
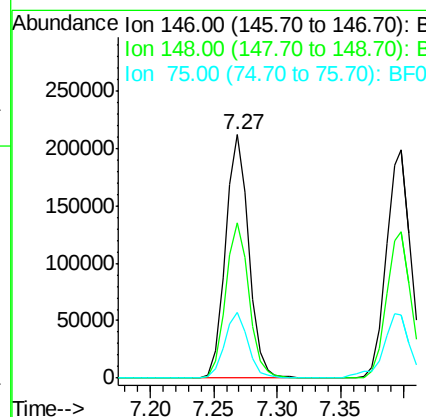
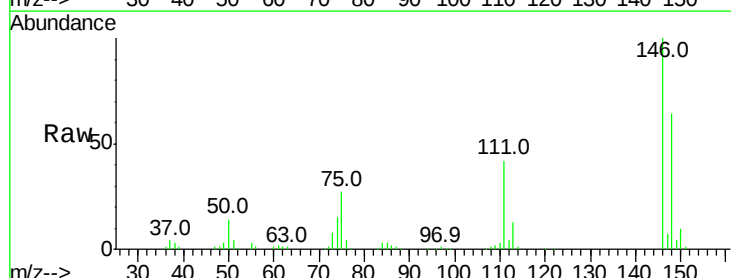
mohammad

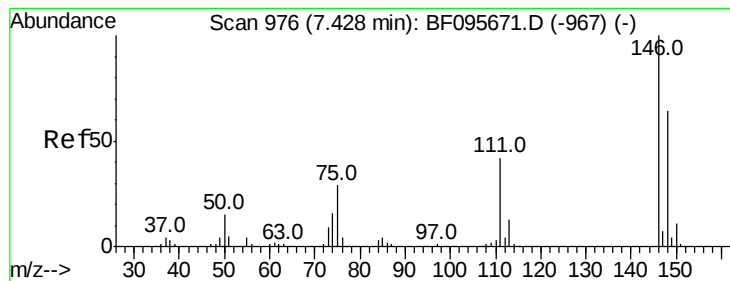
6/9/2017 12:08:52 PM



#12
1,3-Dichlorobenzene
Concen: 52.07 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	146	Resp	269246
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.6
75	27.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 52.48 ng

RT: 7.40 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

RT-3460MS

Tot Ion:146 Resp: 275199

Ion Ratio Lower Upper

146 100

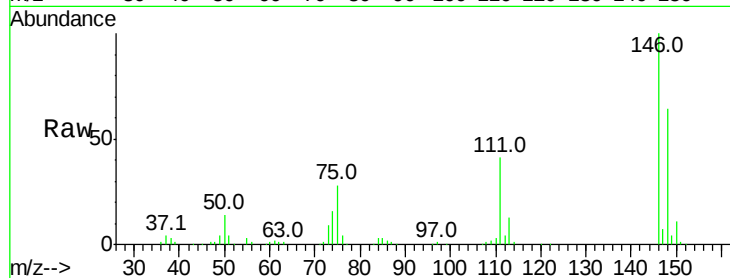
148 64.1 52.2 78.2

111 40.6 30.3 45.5

Manual Integrations
APPROVED

mohammad

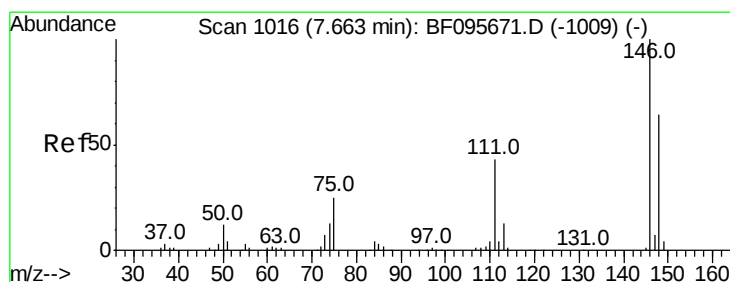
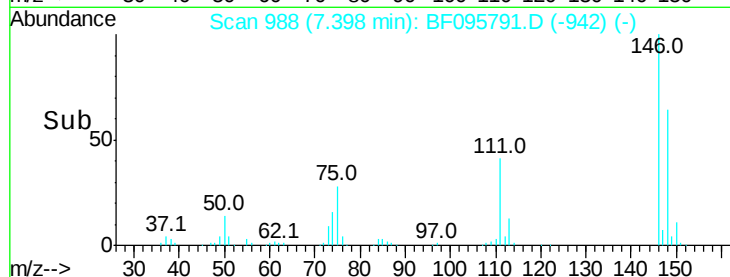
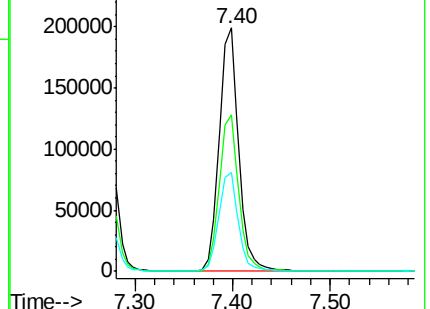
6/9/2017 12:08:52 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.31 ng

RT: 7.63 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

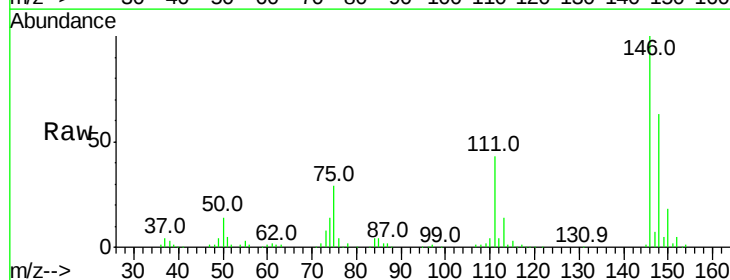
Tgt Ion:146 Resp: 262528

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

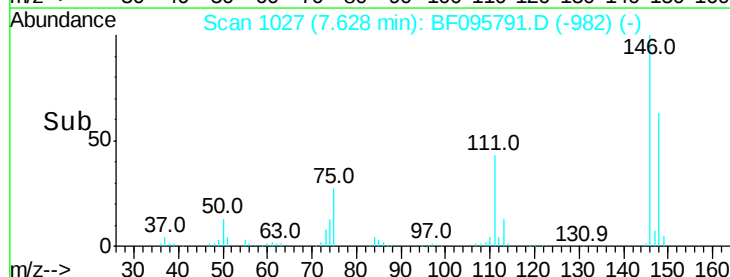
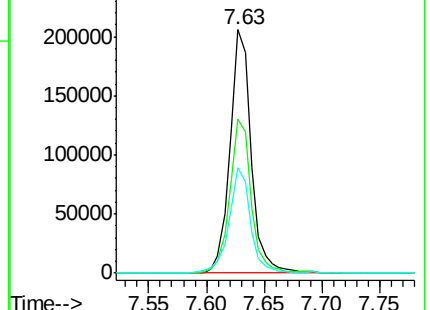
111 43.3 38.2 57.4

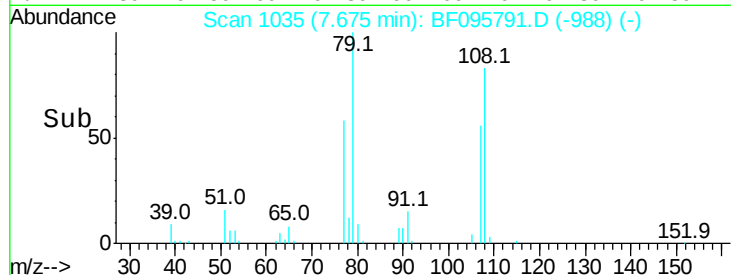
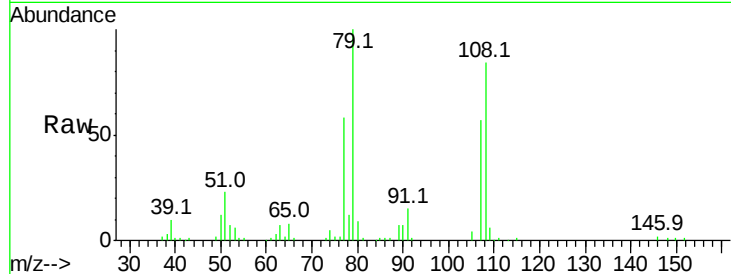
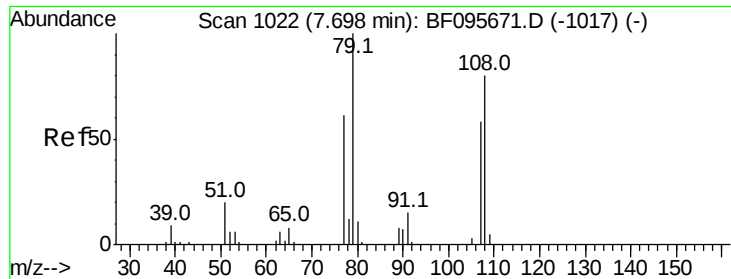


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15
Benzyl Alcohol
Concen: 59.62 ng
RT: 7.67 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

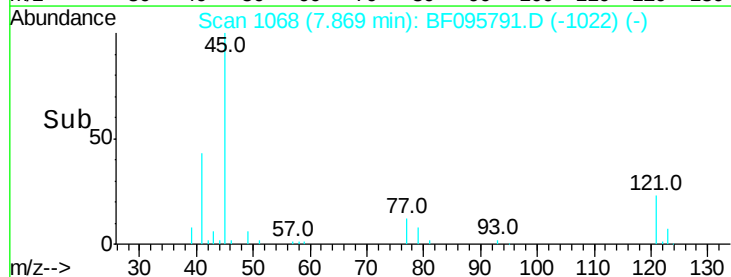
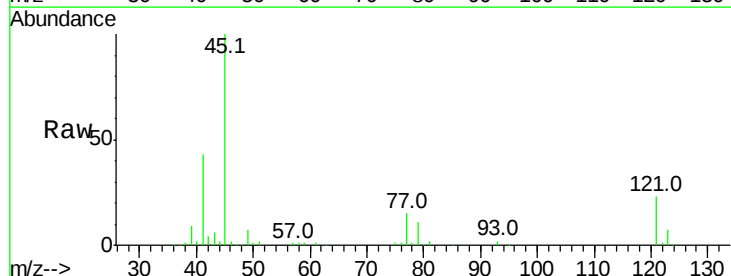
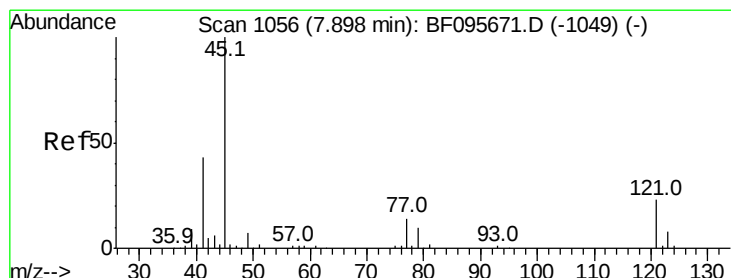
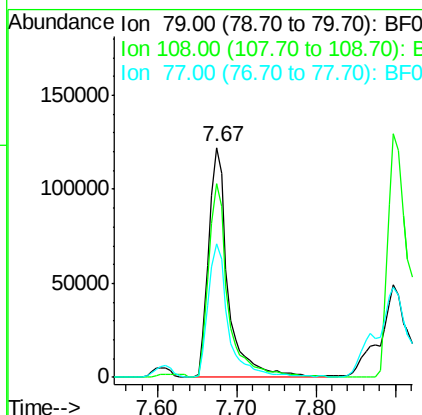
Tot Ion	Ratio	Resp	Lower	Upper
79	100	210467		
108	84.0	63.4	95.0	
77	58.2	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Manual Integrations
APPROVED

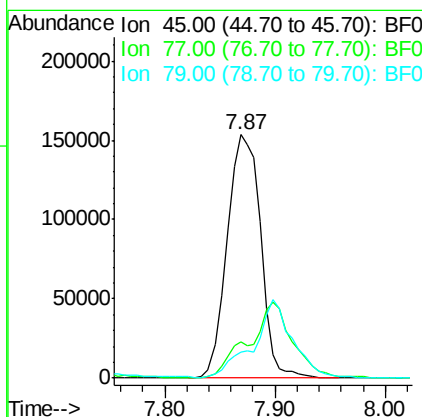
mohammad

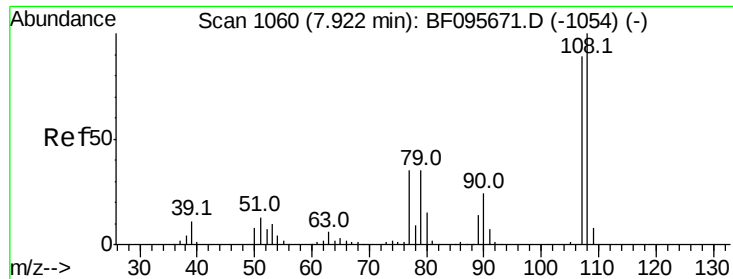
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.05 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	326930		
77	15.0	0.0	33.2	
79	10.7	0.0	30.0	





#17
2-Methylphenol
Concen: 57.60 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

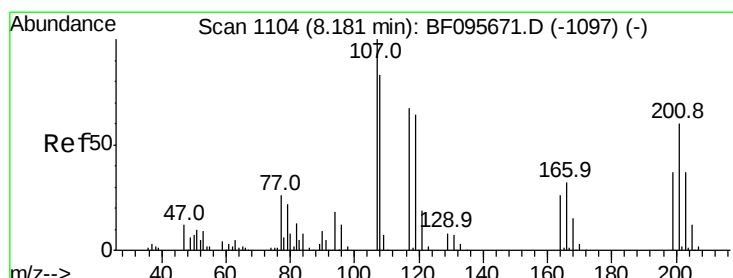
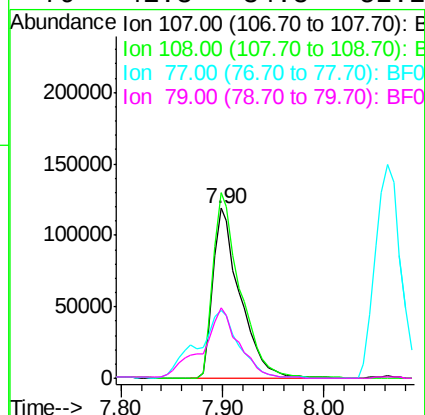
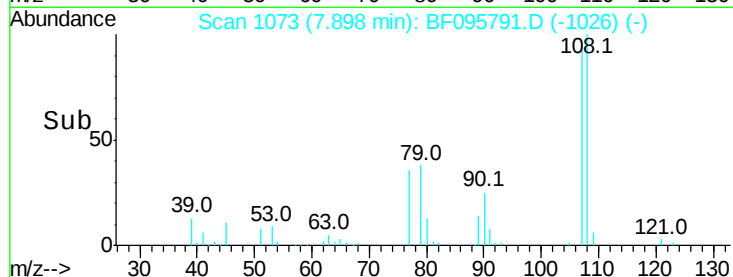
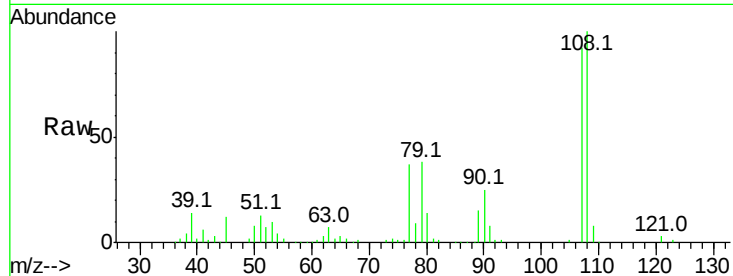
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108.9	93.4	140.0		
77	40.3	35.8	53.6		
79	41.3	34.8	52.2		

Manual Integrations
APPROVED

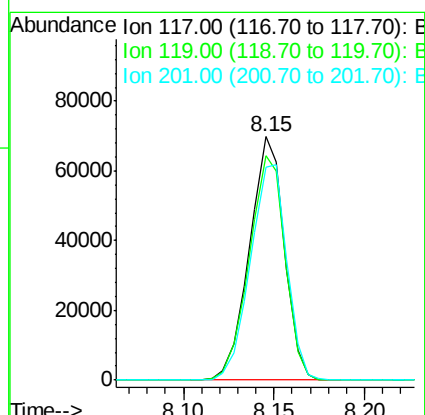
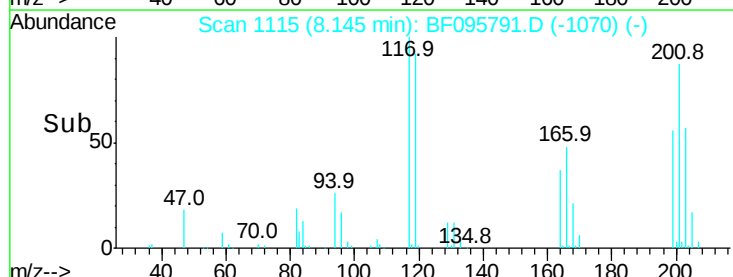
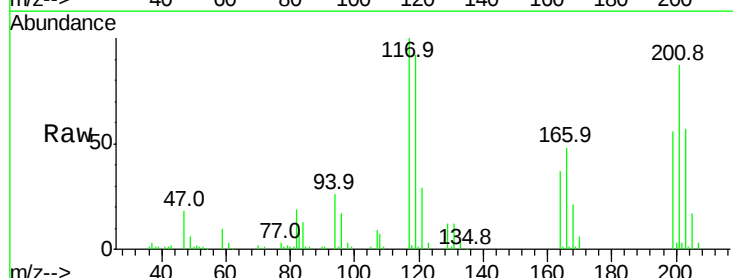
mohammad

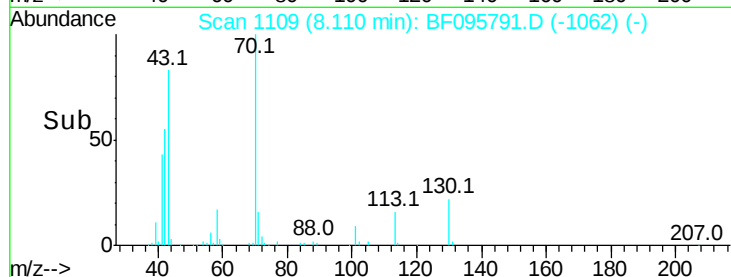
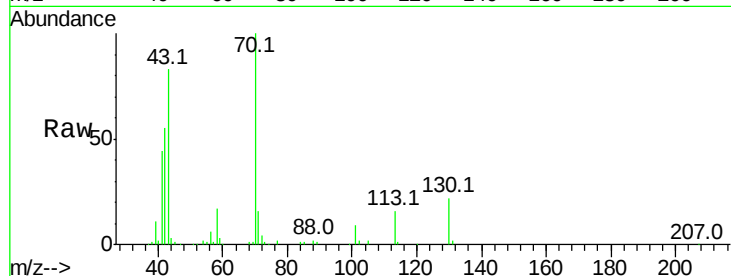
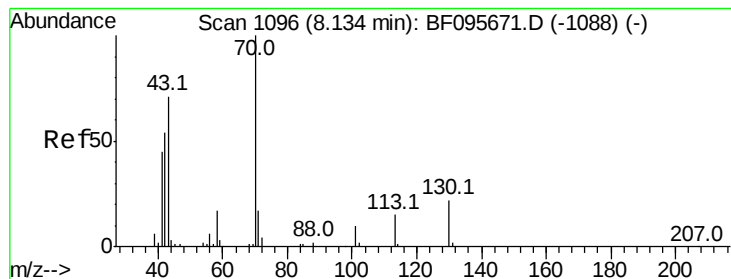
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#18
Hexachloroethane
Concen: 53.82 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	92.2	77.4	116.0		
201	87.2	94.6	141.8#		





#19

n-Nitroso-di-n-propylamine

Concen: 56.47 ng

RT: 8.11 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tot Ion:	70	Resp:	184064
Ion Ratio	Lower	Upper	
70	100		
42	54.5	47.2	70.8
101	9.4	7.2	10.8
130	21.6	15.9	23.9

Instrument :

BNA_F

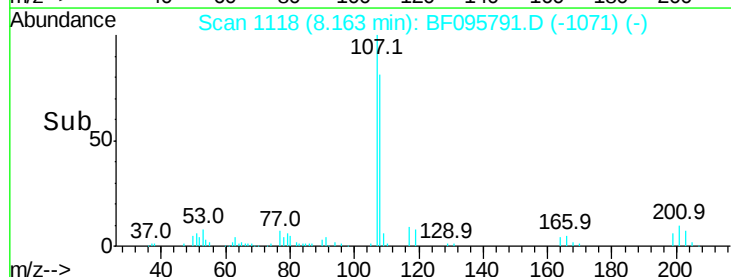
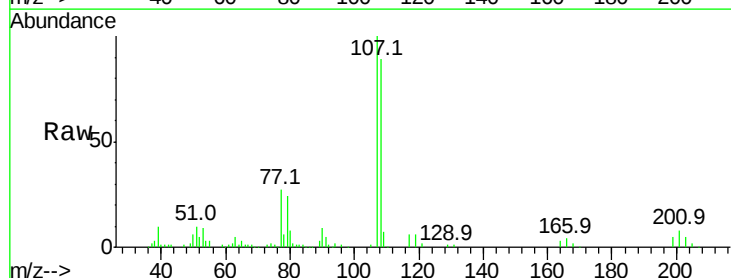
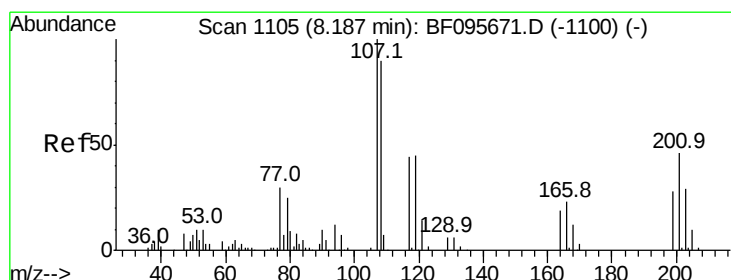
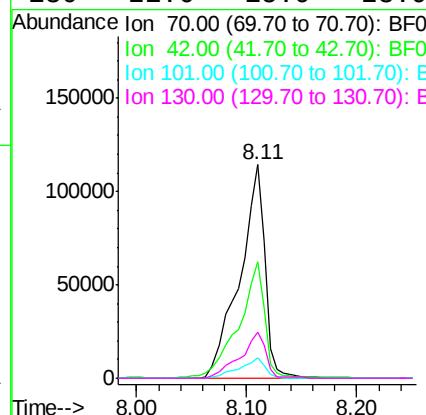
ClientSampleId :

RT-3460MS

Manual Integrations
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mohammad

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#20

3+4-Methylphenols

Concen: 58.94 ng

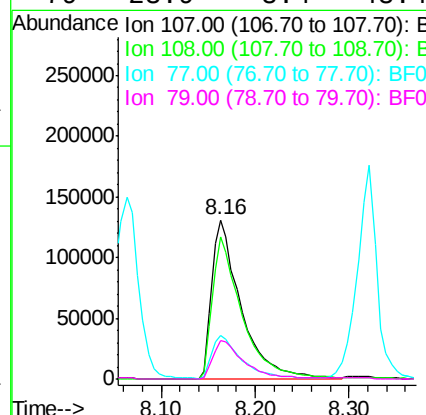
RT: 8.16 min Scan# 1118

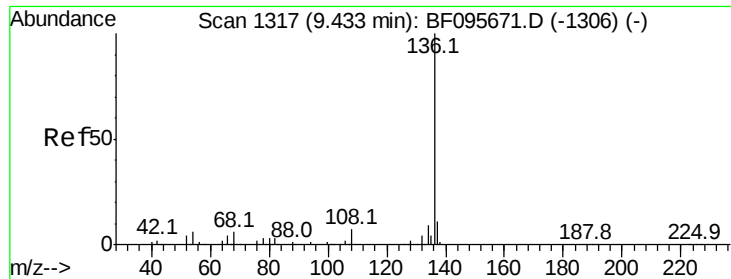
Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	107	Resp:	286808
Ion Ratio	Lower	Upper	
107	100		
108	89.1	71.0	111.0
77	27.4	90.5	130.5#
79	23.9	8.4	48.4





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

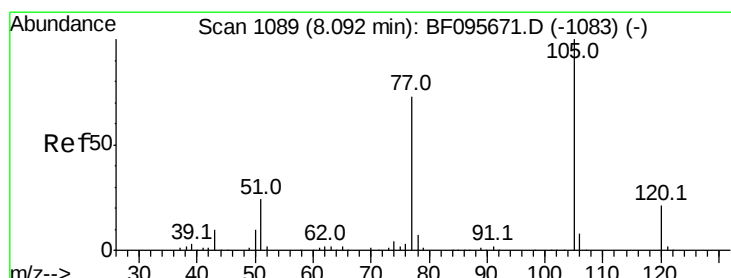
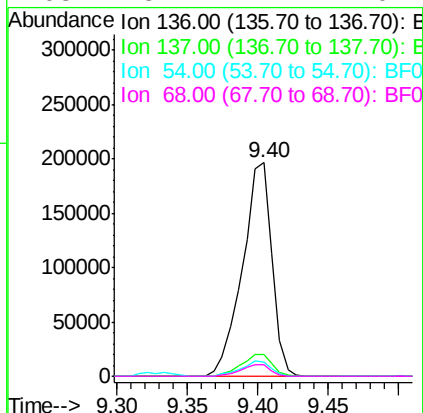
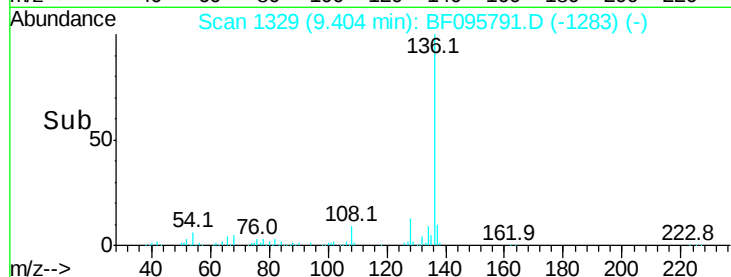
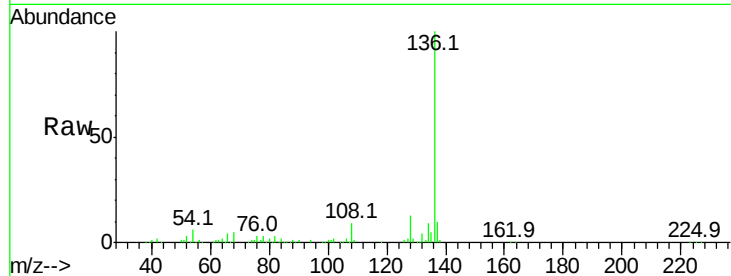
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	8.5	12.7	
54	6.4	4.9	7.3	
68	5.2	4.1	6.1	

Manual Integrations
APPROVED

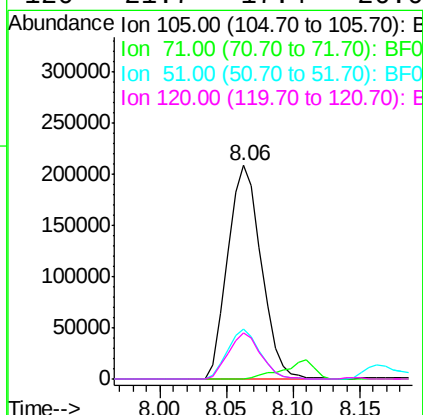
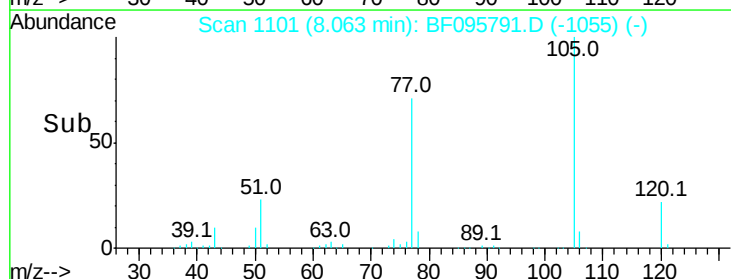
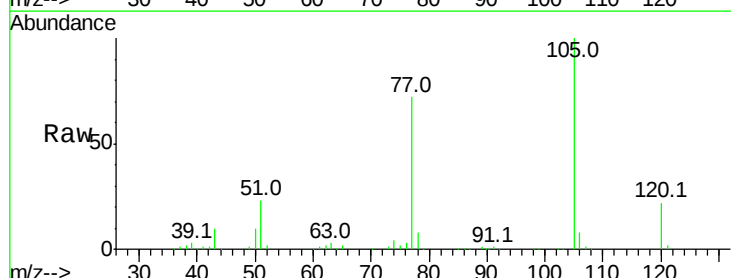
mohammad

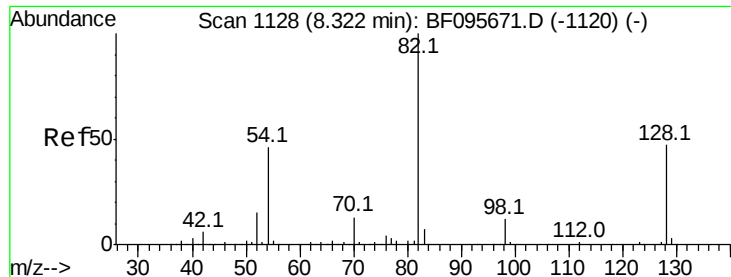
6/9/2017 12:08:52 PM



#22
Acetophenone
Concen: 54.54 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.3	30.7	46.1#	
120	21.7	17.4	26.0	





#23
Nitrobenzene-d5
Concen: 109.98 ng
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

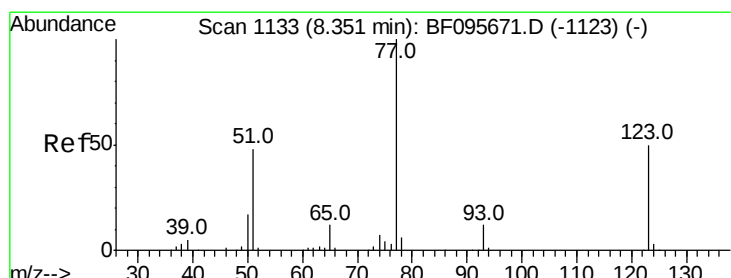
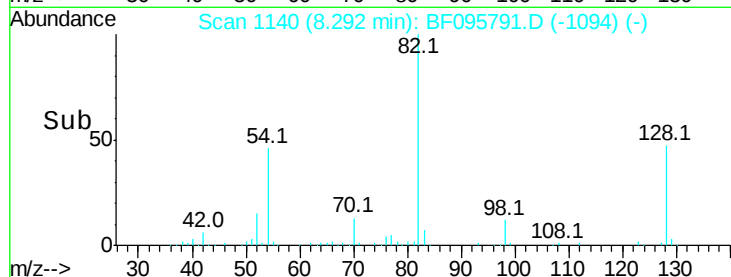
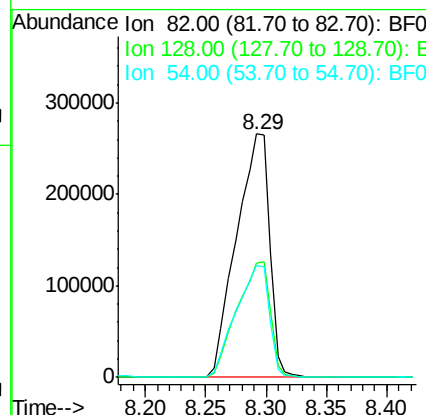
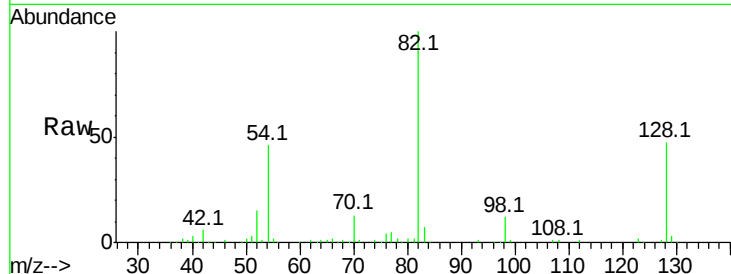
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	45.8	42.2	63.2

Manual Integrations
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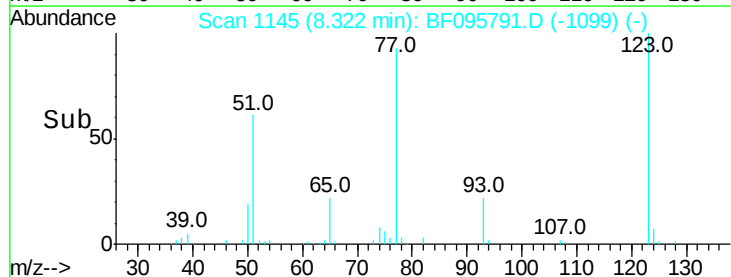
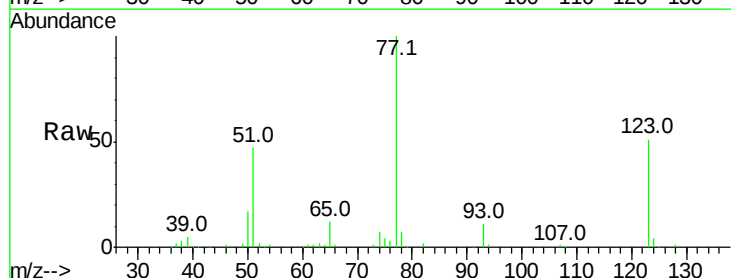
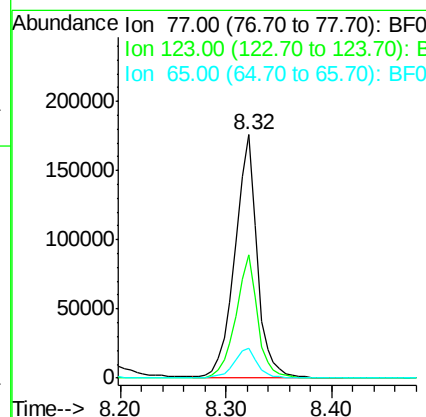
mohammad

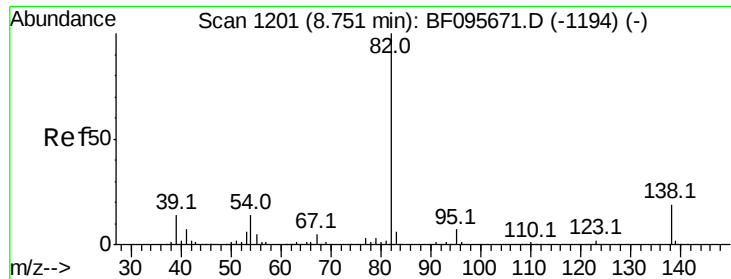
6/9/2017 12:08:52 PM



#24
Nitrobenzene
Concen: 51.87 ng
RT: 8.32 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	35.8	53.8
65	12.3	10.6	15.8





#25

Isophorone

Concen: 54.02 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

RT-3460MS

Tot Ion: 82 Resp: 467146

Ion Ratio Lower Upper

82 100

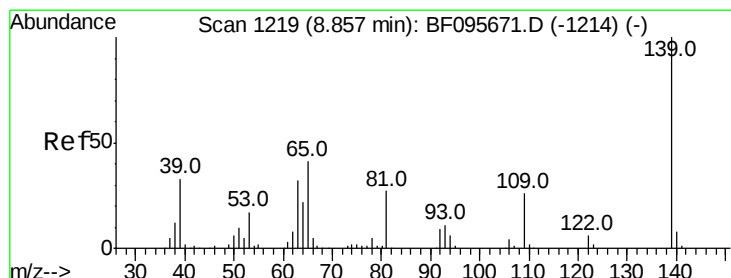
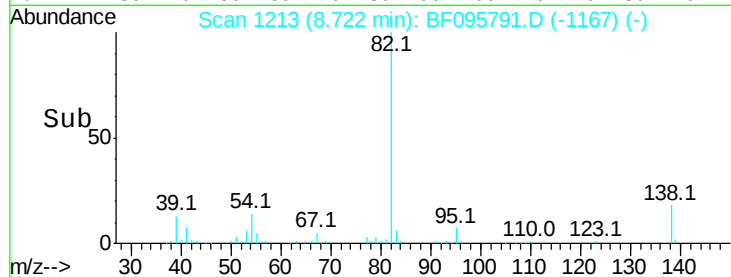
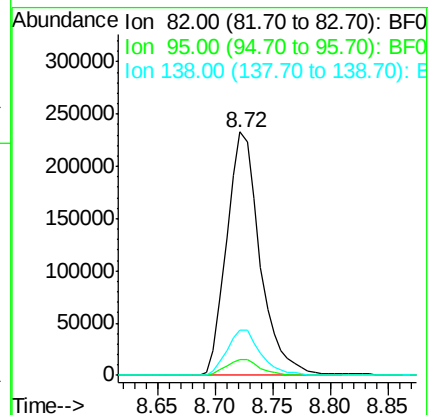
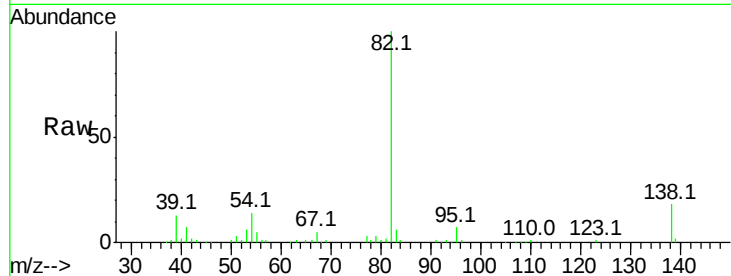
95 6.5 5.3 7.9

138 18.4 13.1 19.7

Manual Integrations
APPROVED

mohammad

6/9/2017 12:08:52 PM



#26

2-Nitrophenol

Concen: 55.50 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

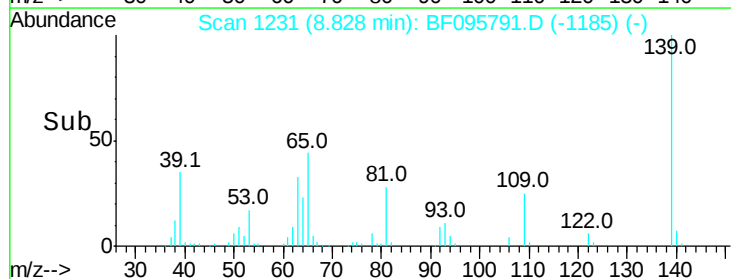
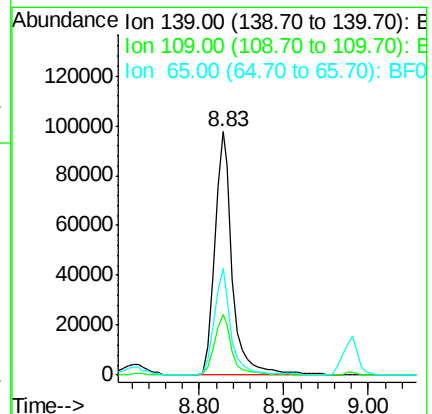
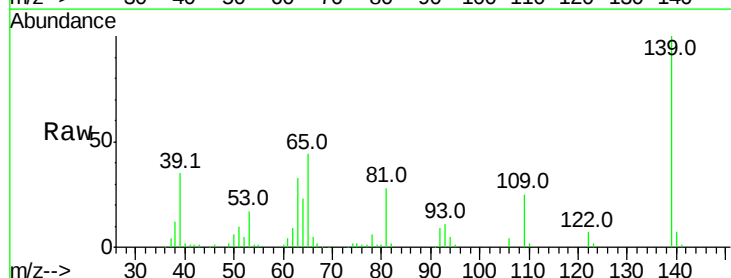
Tgt Ion: 139 Resp: 143772

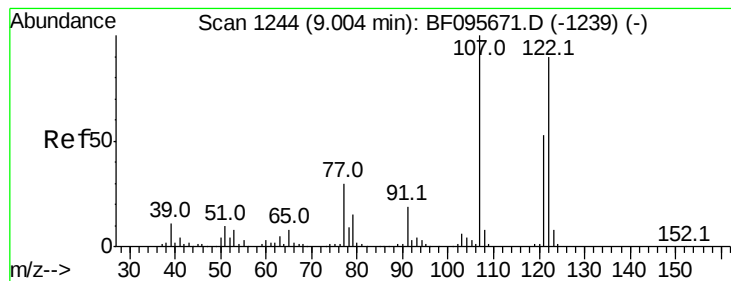
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 44.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 57.19 ng

RT: 8.98 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

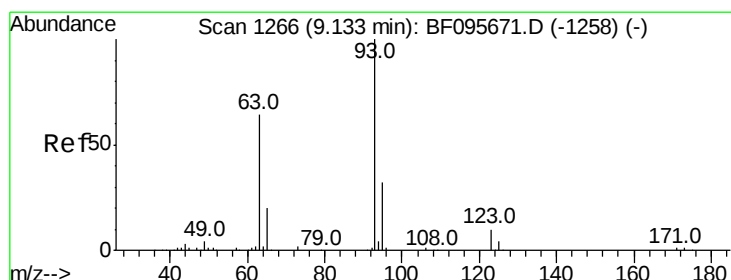
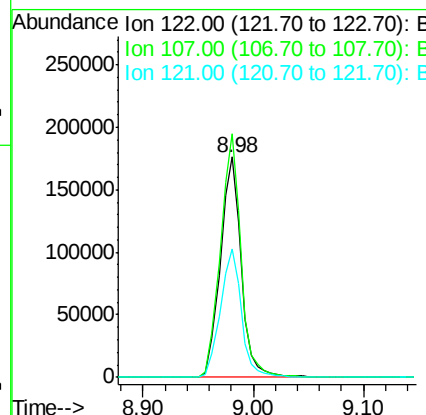
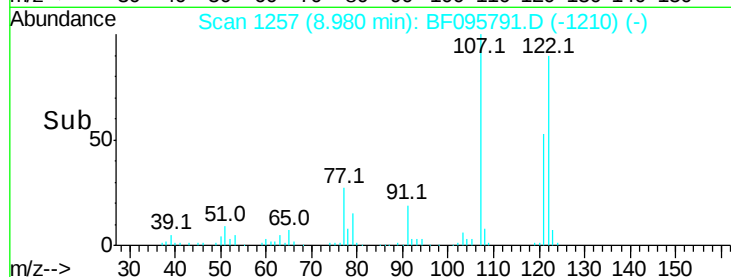
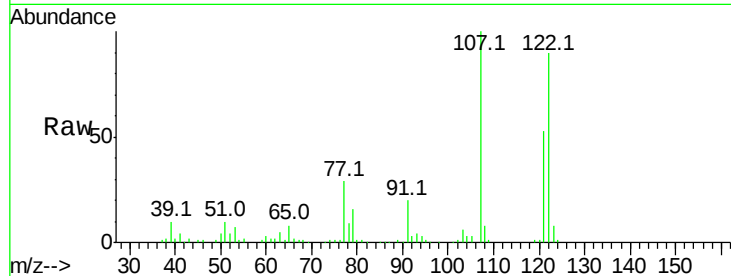
RT-3460MS

Tot Ion:	122	Resp:	229896
Ion Ratio	Lower	Upper	
122	100		
107	110.6	89.2	133.8
121	58.6	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 53.92 ng

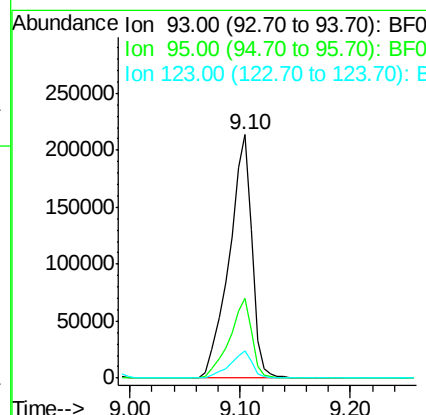
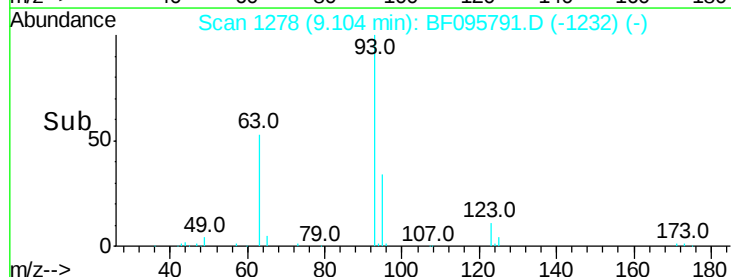
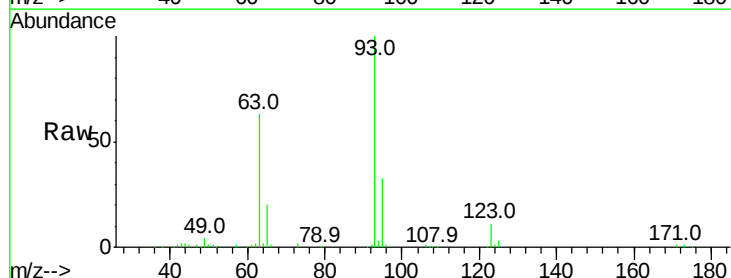
RT: 9.10 min Scan# 1278

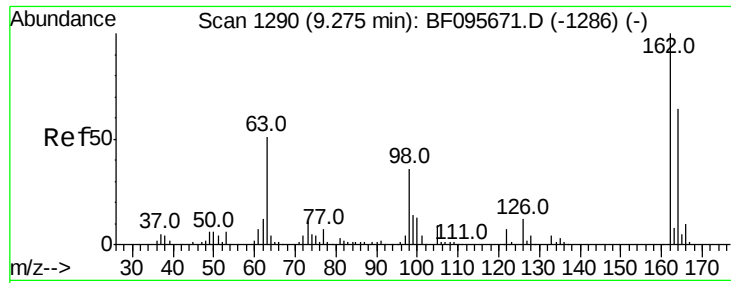
Delta R.T. -0.03 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	93	Resp:	307337
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	11.0	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 57.32 ng
RT: 9.25 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

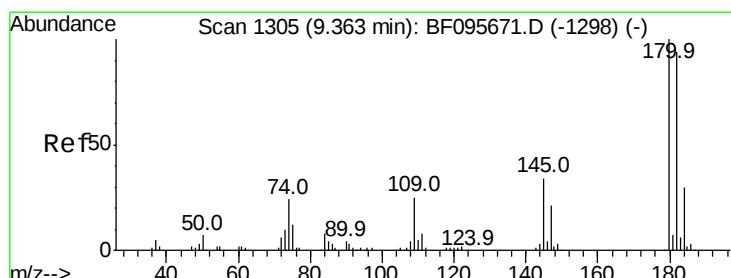
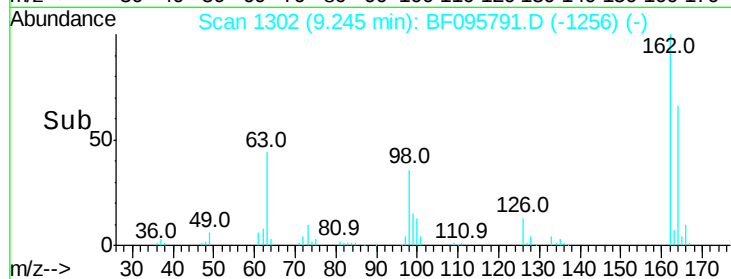
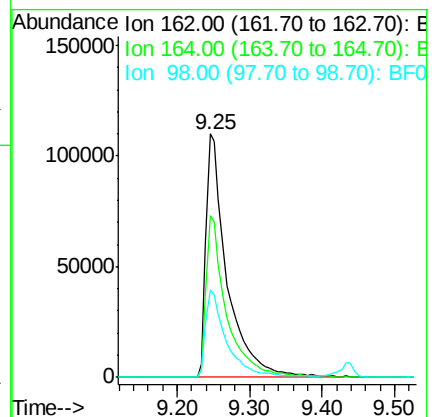
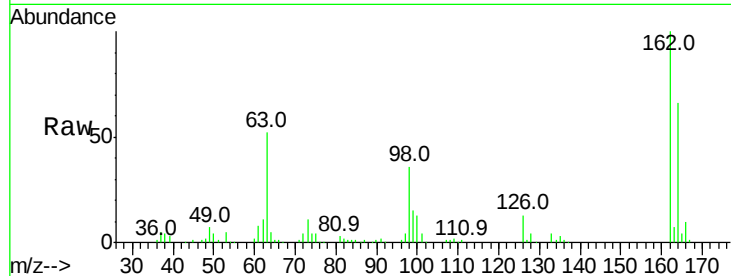
Instrument :
BNA_F
ClientSampled :
RT-3460MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	221934		
164	66.5	44.6	84.6	
98	35.8	14.8	54.8	

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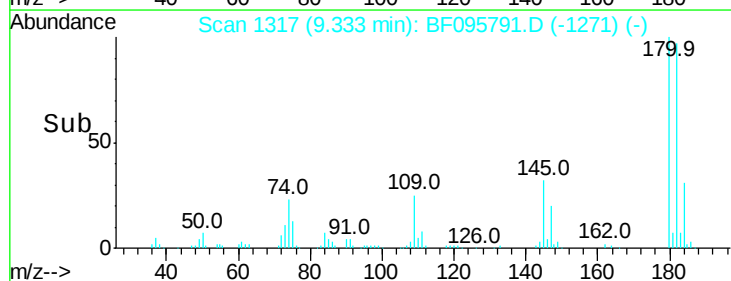
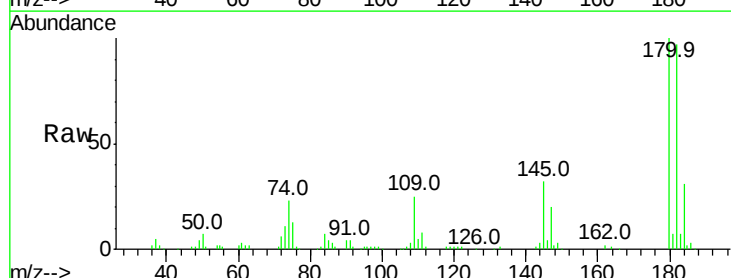
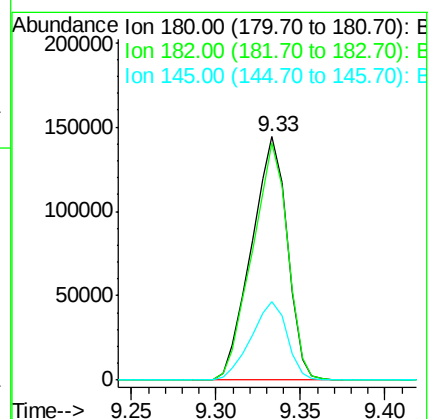
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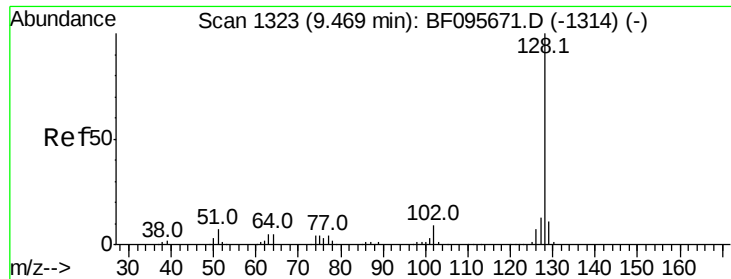
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#30
1,2,4-Trichlorobenzene
Concen: 53.22 ng
RT: 9.33 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214392		
182	97.4	75.8	113.6	
145	32.2	25.3	37.9	





#31
Naphthalene
Concen: 51.76 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

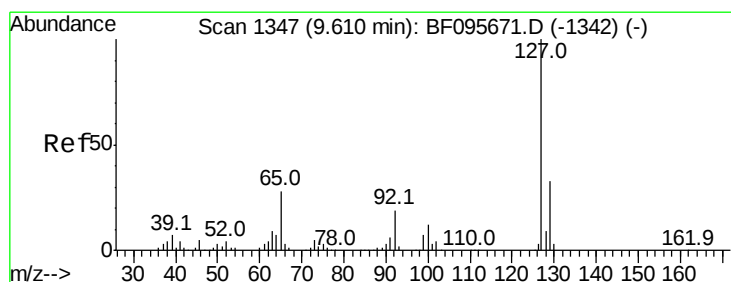
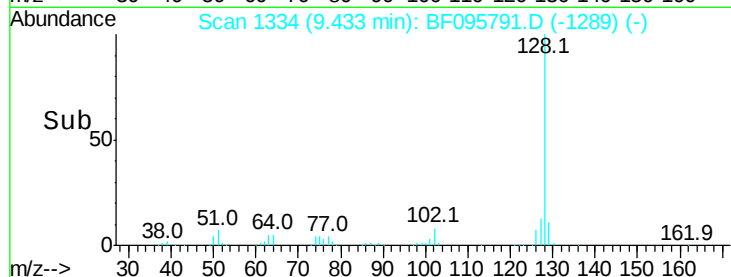
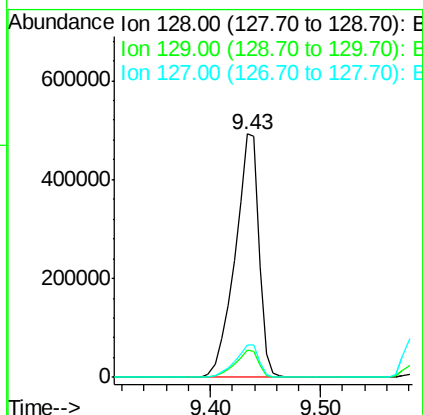
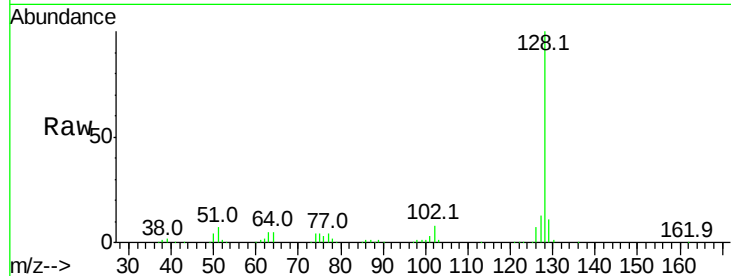
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.1	10.8	16.2

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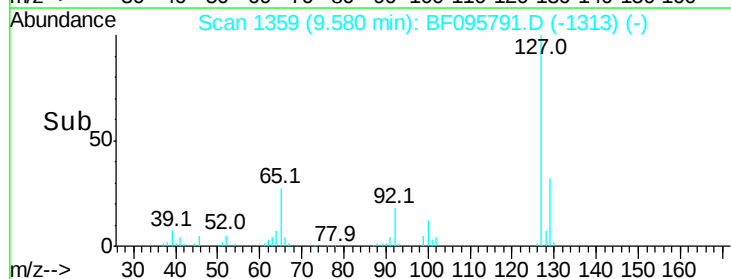
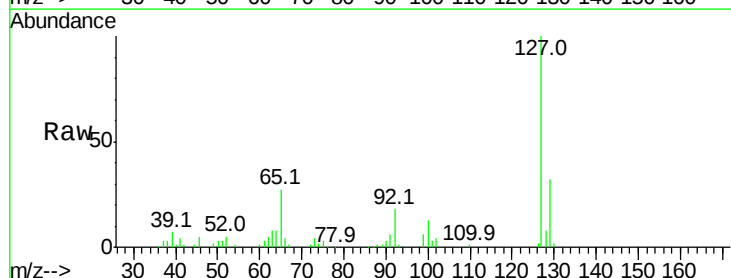
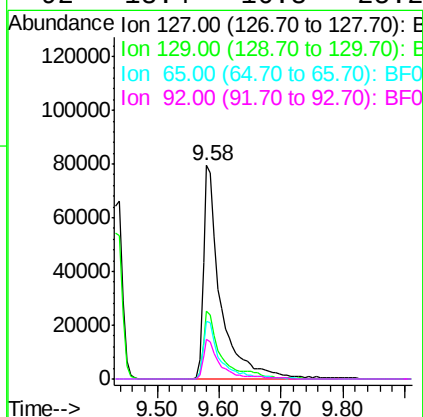
mohammad

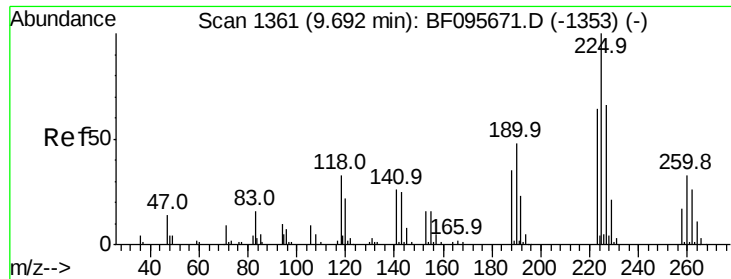
6/9/2017 12:08:52 PM



#33
4-Chloroaniline
Concen: 27.49 ng
RT: 9.58 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	27.0	27.8	41.8#
92	18.4	16.8	25.2





#34
Hexachlorobutadiene
Concen: 51.41 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

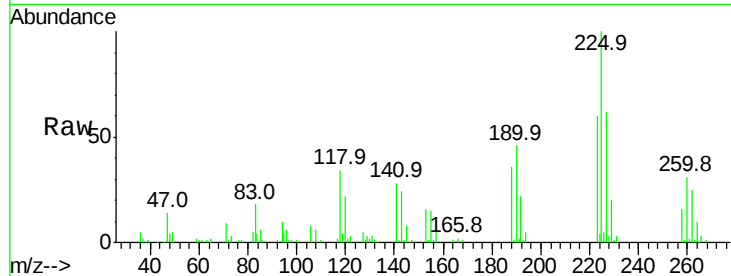
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion:	225	Resp:	107014
Ion Ratio	Lower	Upper	
225	100		
223	59.7	48.8	73.2
227	62.2	51.1	76.7

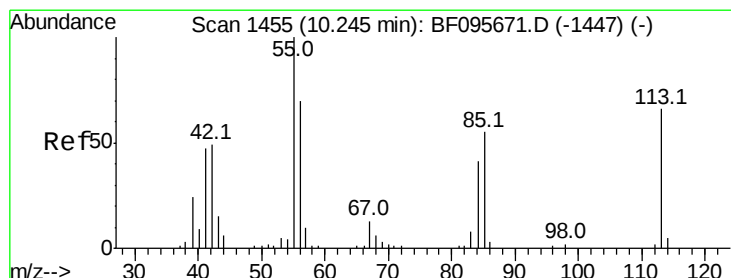
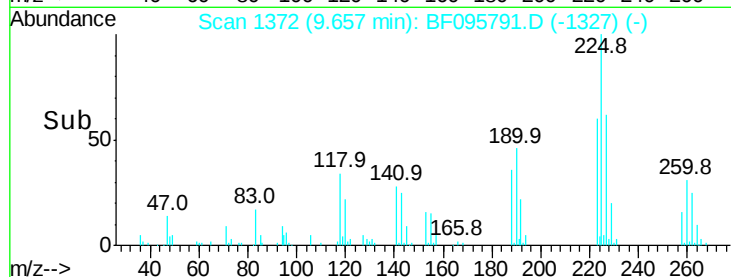
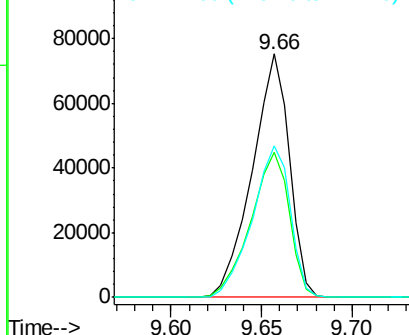
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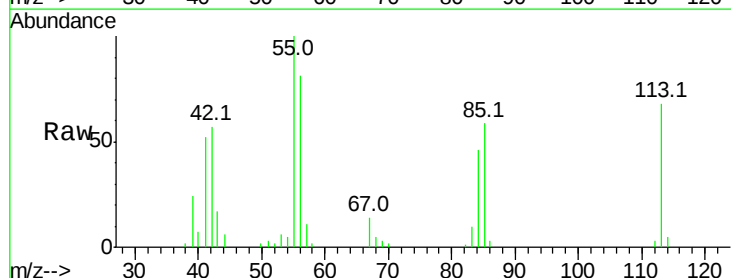


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

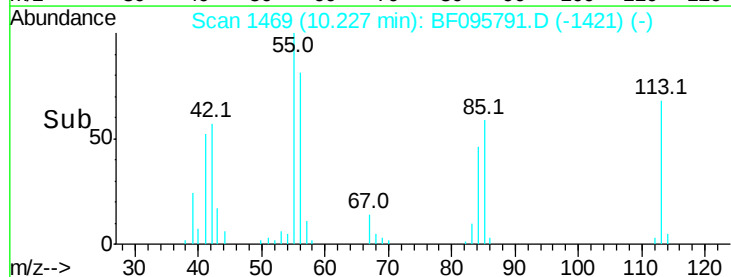
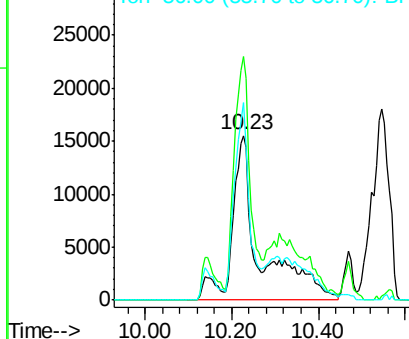


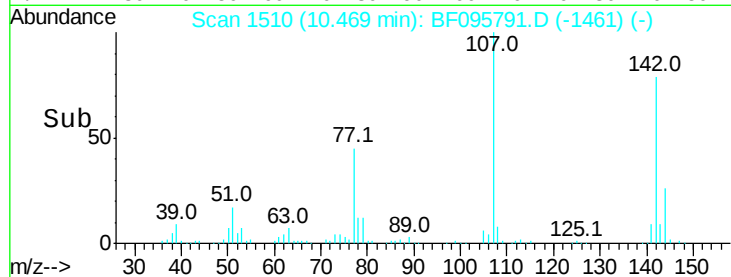
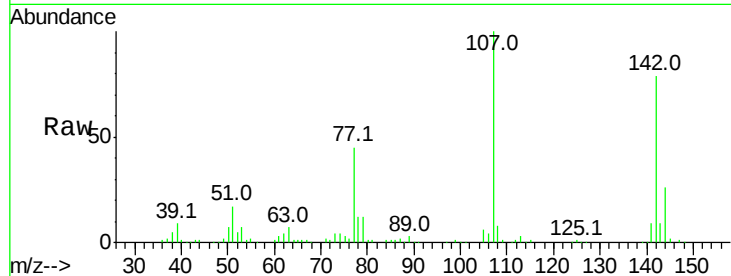
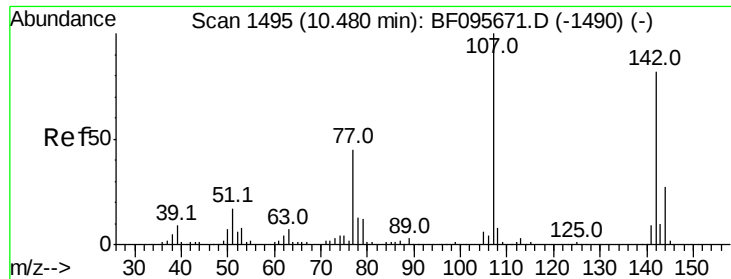
#35
Caprolactam
Concen: 59.83 ng m
RT: 10.23 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion:	113	Resp:	68922
Ion Ratio	Lower	Upper	
113	100		
55	147.7	150.2	190.2#
56	120.0	107.8	147.8



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36
4-Chloro-3-methylphenol
Concen: 56.97 ng
RT: 10.47 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

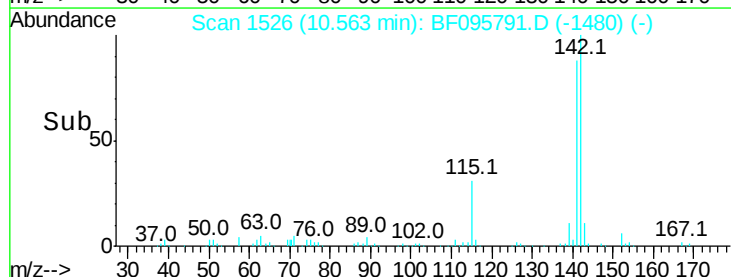
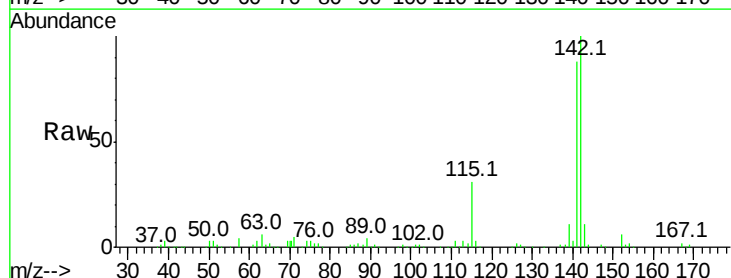
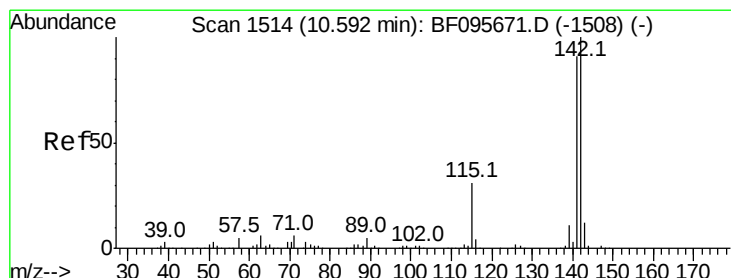
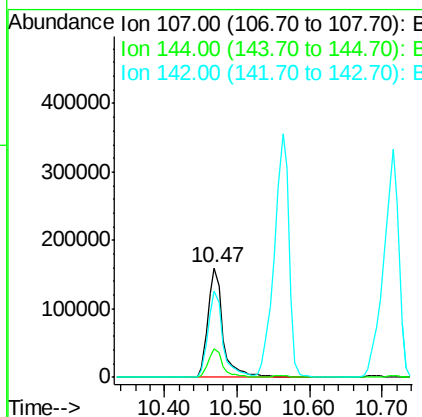
Tot Ion	Ratio	Resp	Lower	Upper
107	100	230883		
144	25.7	24.2	36.4	
142	78.8	73.4	110.0	

Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Manual Integrations
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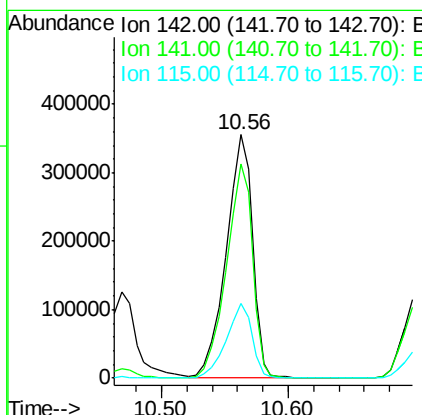
mohammad

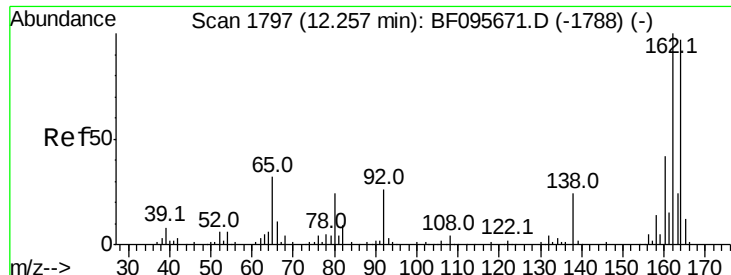
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#37
2-Methylnaphthalene
Concen: 52.37 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	510699		
141	88.0	71.3	106.9	
115	30.7	27.1	40.7	





#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

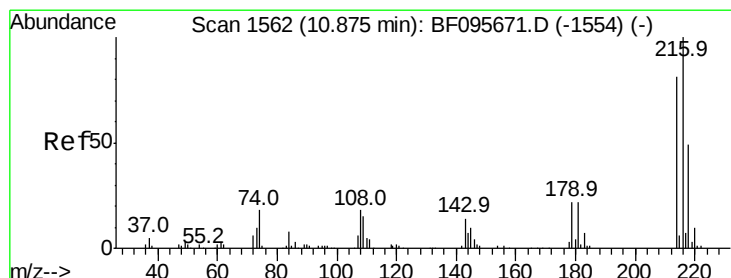
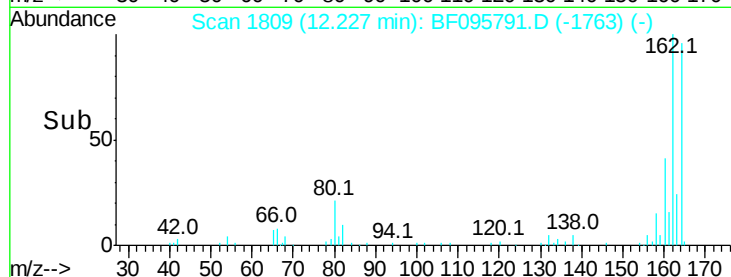
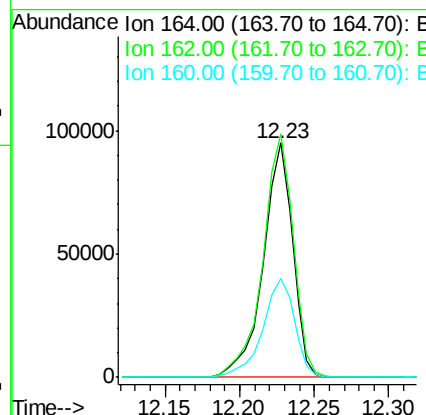
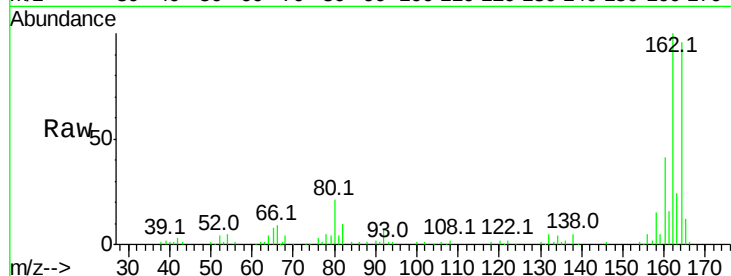
Instrument :
BNA_F
ClientSampleID :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	42.3	36.2	54.2

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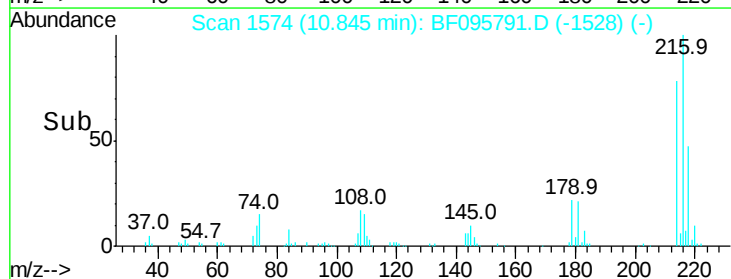
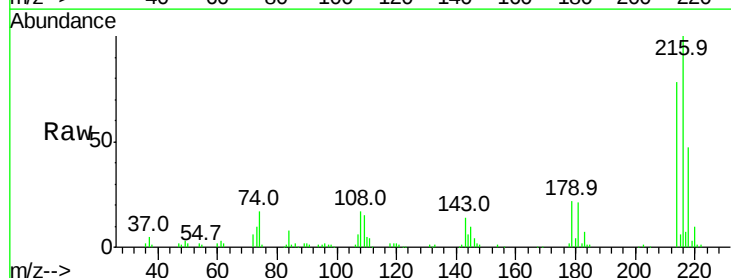
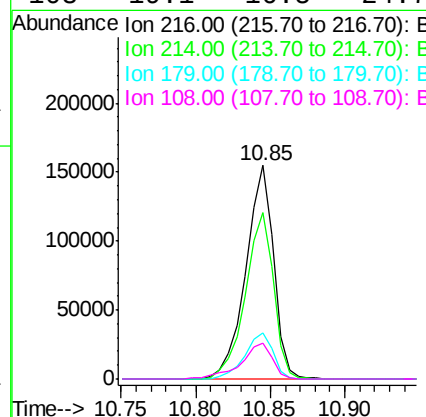
mohammad

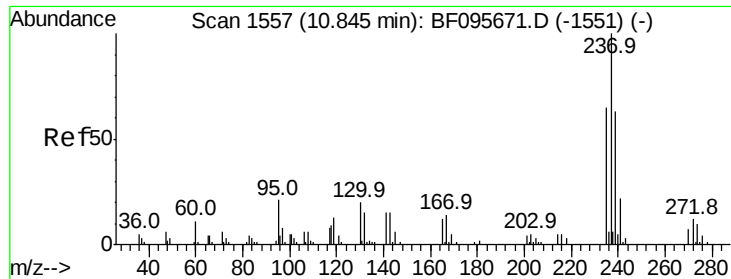
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.35 ng
RT: 10.85 min Scan# 1574
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.2	17.9	26.9
108	19.1	16.5	24.7





#40
Hexachlorocyclopentadiene
Concen: 90.12 ng
RT: 10.82 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

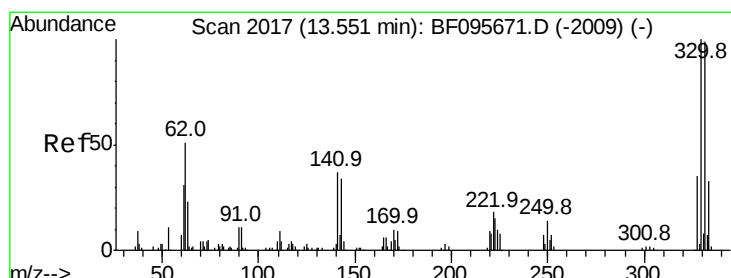
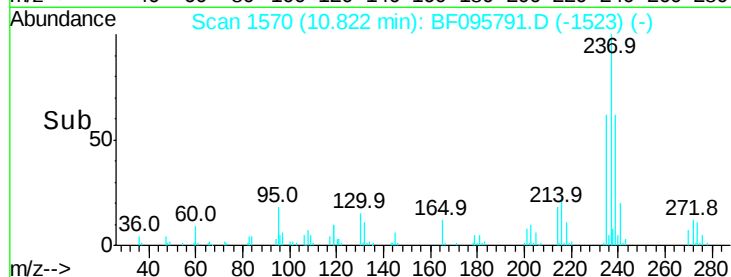
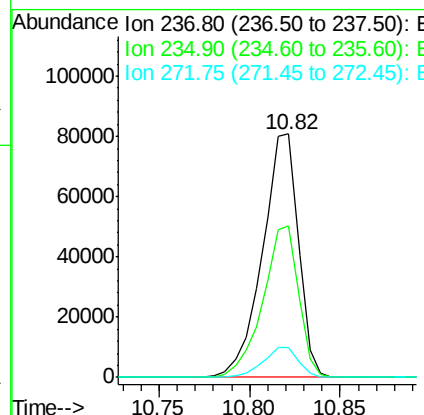
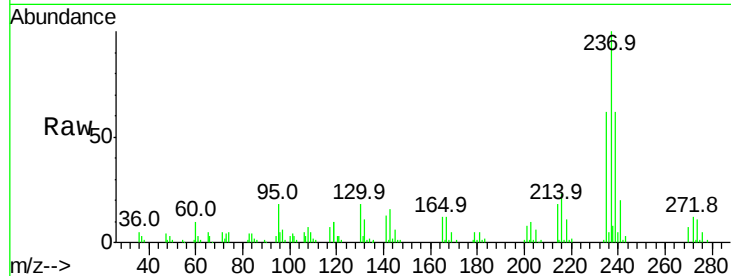
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion:	237	Resp:	111742
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.6	82.6
272	12.5	0.0	31.9

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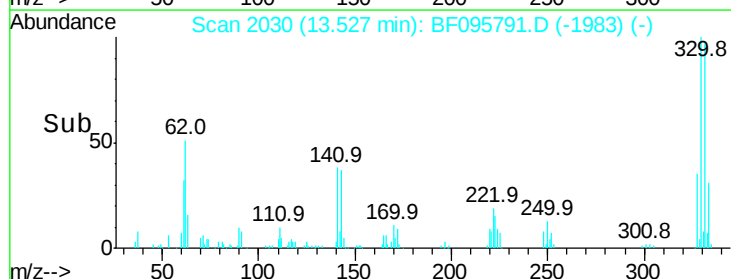
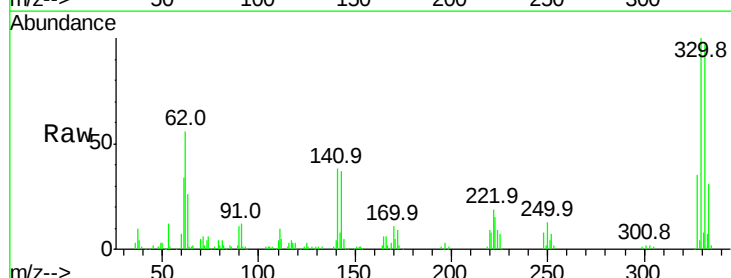
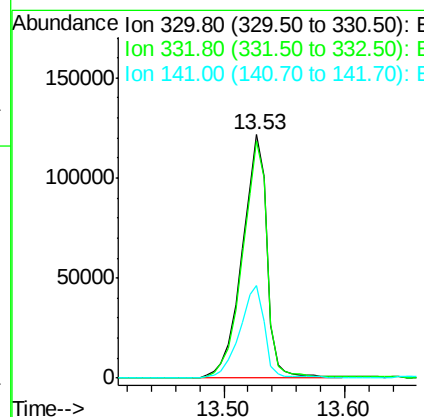
mohammad

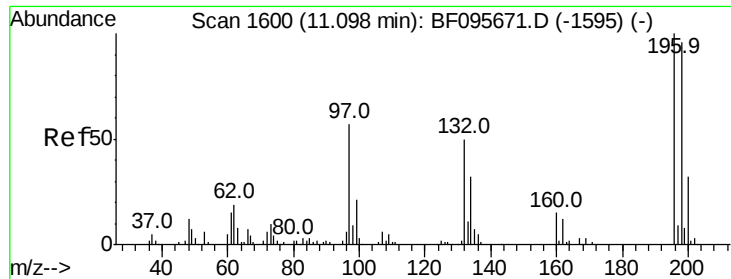
6/9/2017 12:08:52 PM



#41
2,4,6-Tribromophenol
Concen: 152.32 ng
RT: 13.53 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion:	330	Resp:	174922
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	115.0
141	38.5	31.4	47.2





#42

2,4,6-Trichlorophenol

Concen: 52.55 ng

RT: 11.07 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

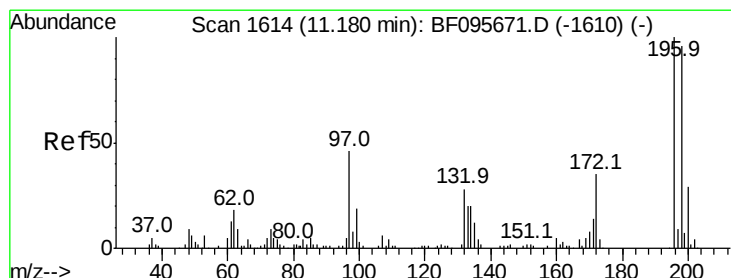
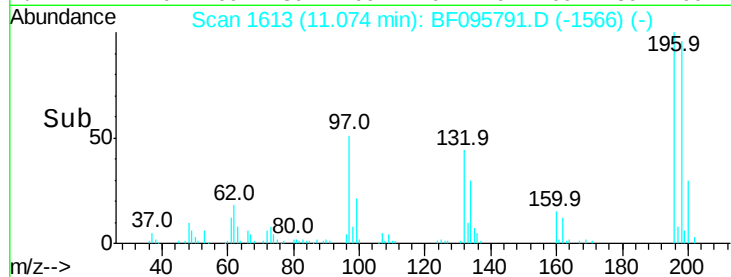
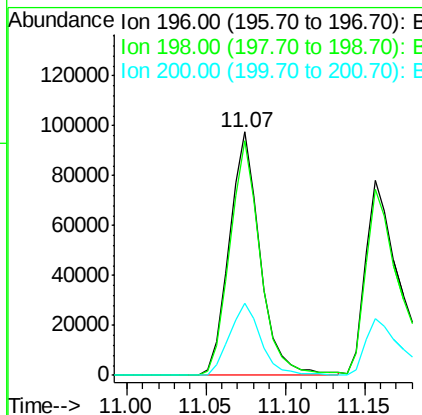
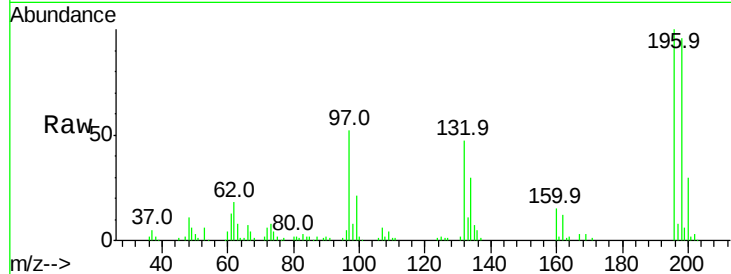
RT-3460MS

Tot Ion:	196	Resp:	131248
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.2	111.4
200	29.7	24.0	36.0

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 52.50 ng

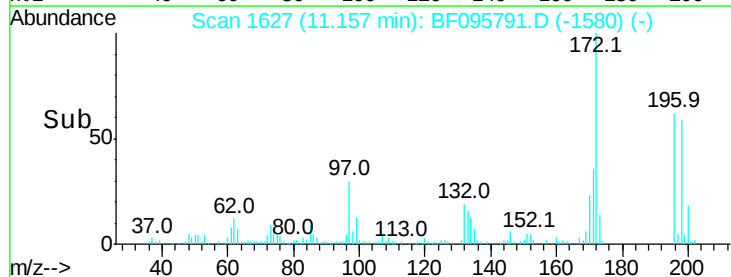
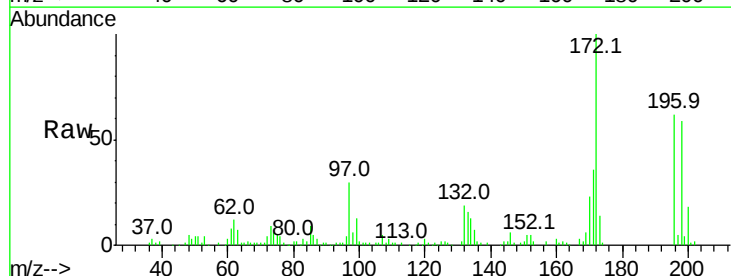
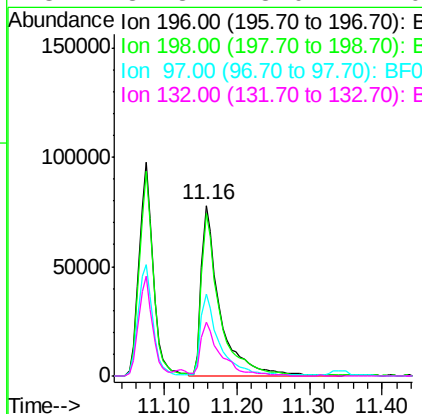
RT: 11.16 min Scan# 1627

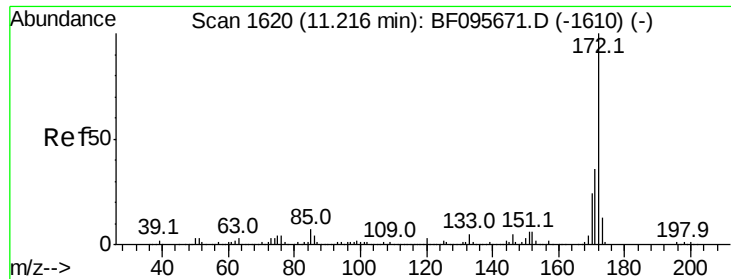
Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	196	Resp:	139456
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.7	113.5
97	48.2	47.7	71.5
132	31.3	28.0	42.0





#44
2-Fluorobiphenyl
Concen: 103.22 ng
RT: 11.19 min Scan# 1632
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

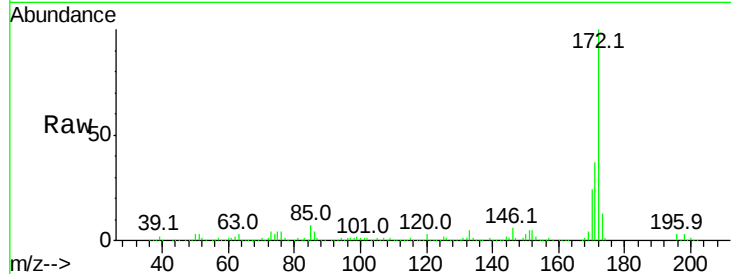
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion:	172	Resp:	962749
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	23.6	19.8	29.8

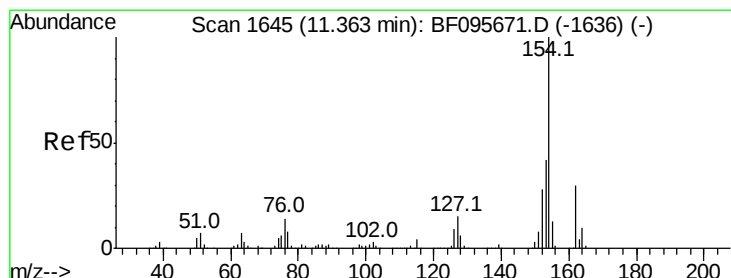
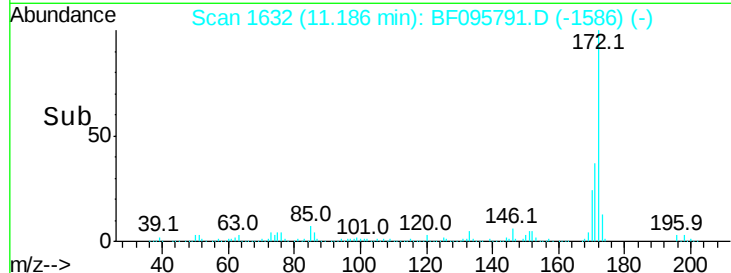
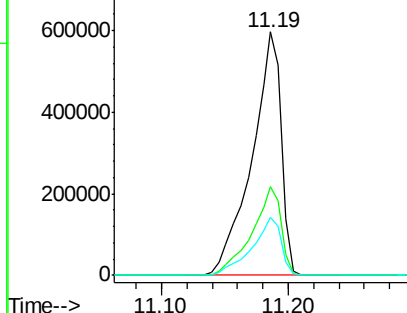
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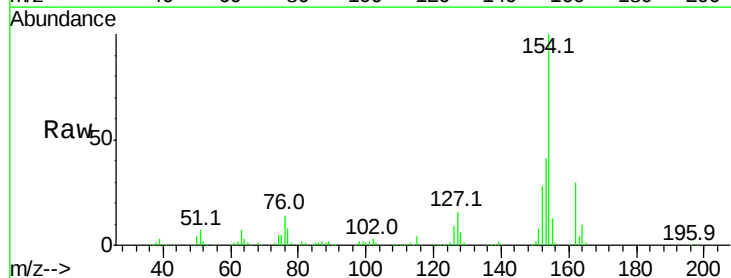


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

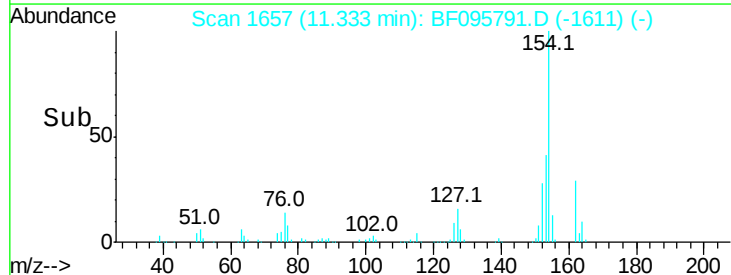
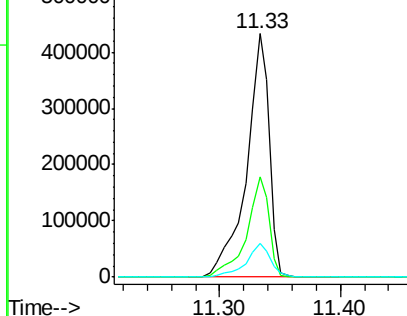


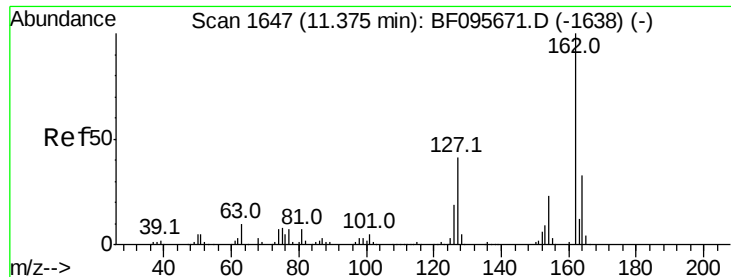
#45
1,1'-Biphenyl
Concen: 52.93 ng
RT: 11.33 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion:	154	Resp:	566239
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	14.1	0.0	29.9



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





#46
2-Chloronaphthalene
Concen: 52.75 ng
RT: 11.35 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

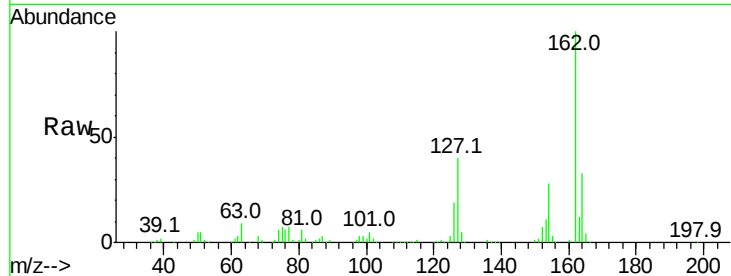
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	28.3	42.5
164	32.7	27.0	40.4

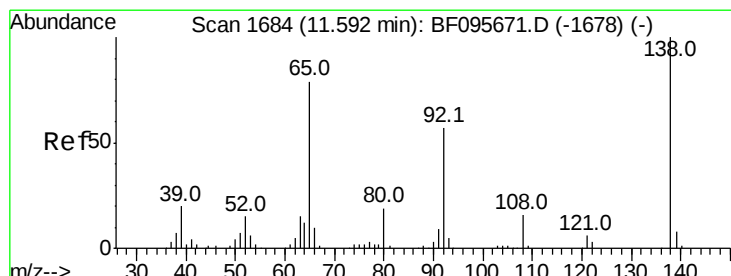
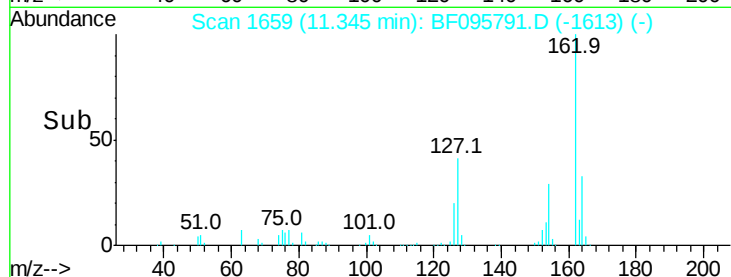
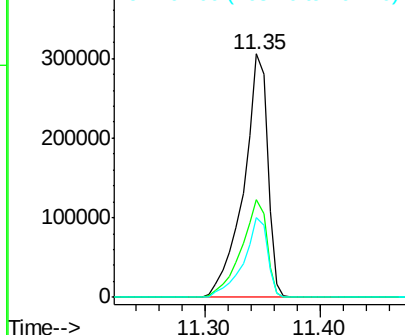
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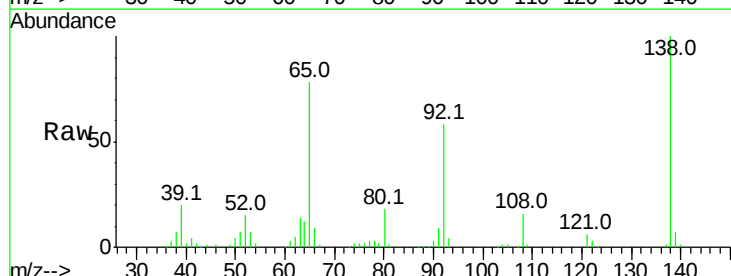


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

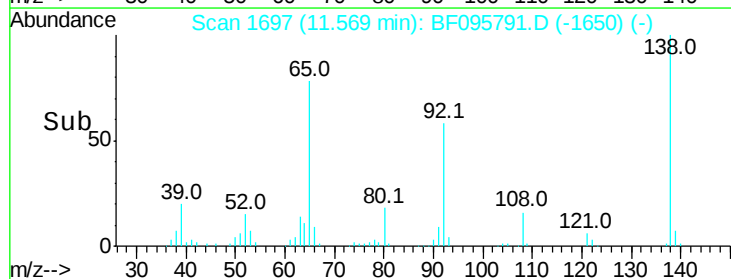
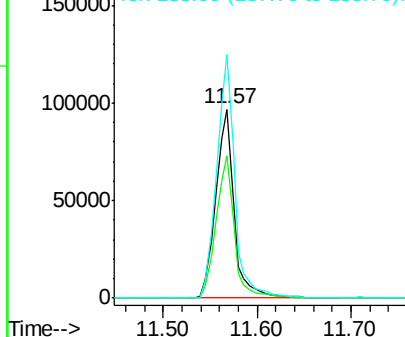


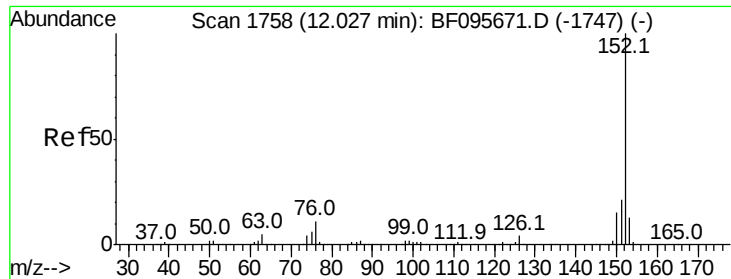
#47
2-Nitroaniline
Concen: 54.20 ng
RT: 11.57 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	53.9	80.9
138	128.7	78.8	118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48
Acenaphthylene
Concen: 48.80 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

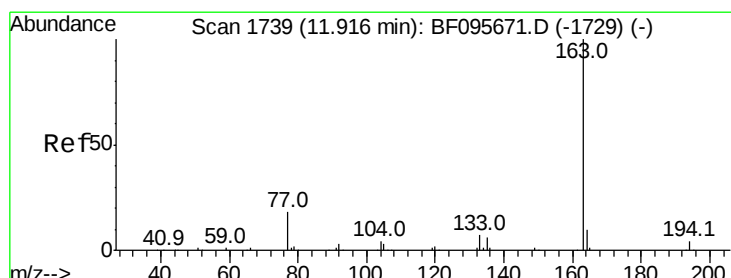
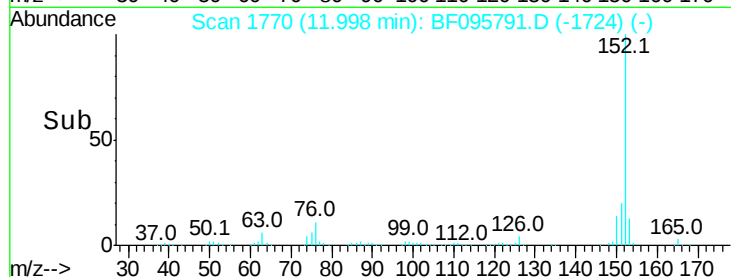
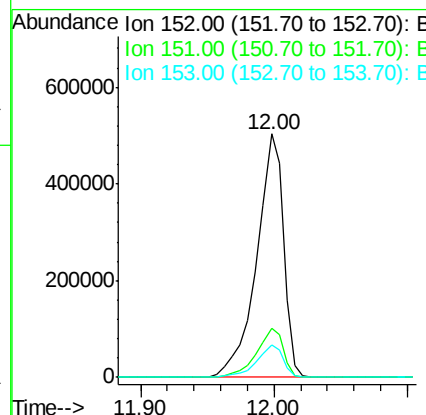
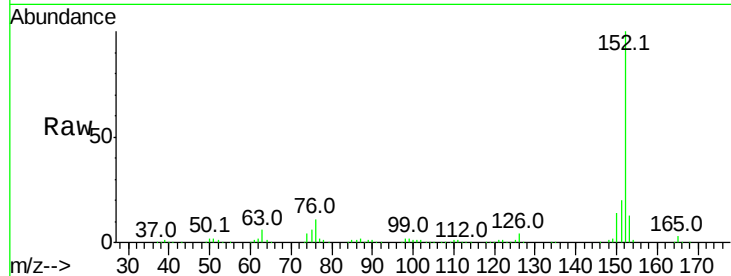
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.2	10.8	16.2

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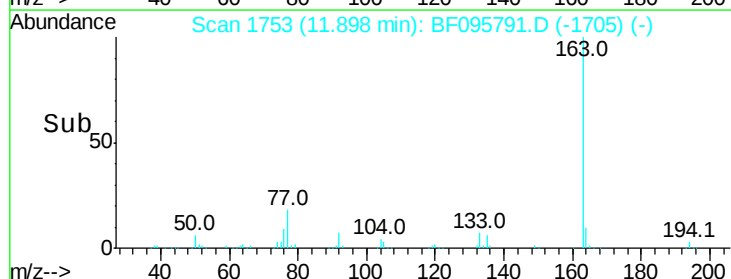
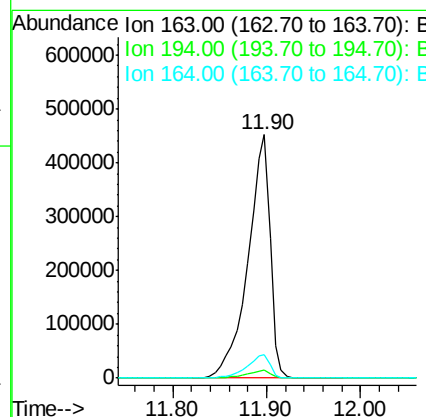
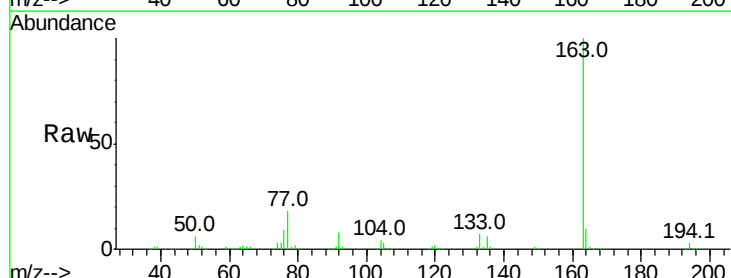
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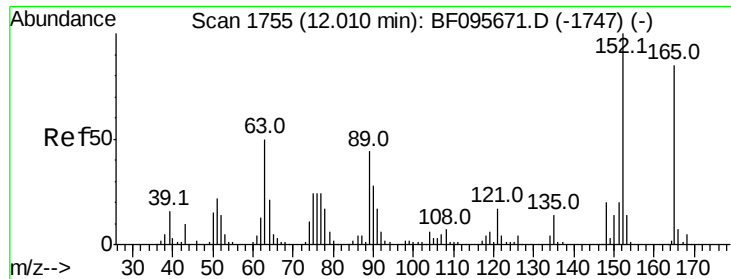
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#49
Dimethylphthalate
Concen: 74.89 ng
RT: 11.90 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.4	12.6





#50
2,6-Dinitrotoluene
Concen: 52.81 ng
RT: 11.99 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

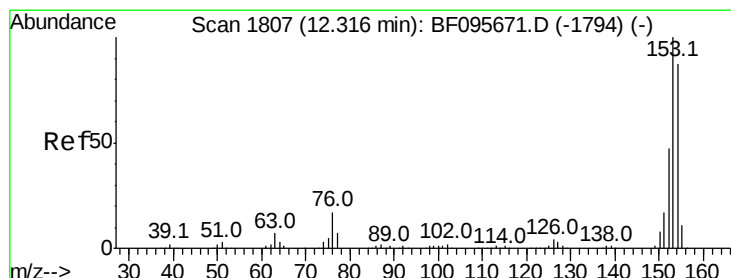
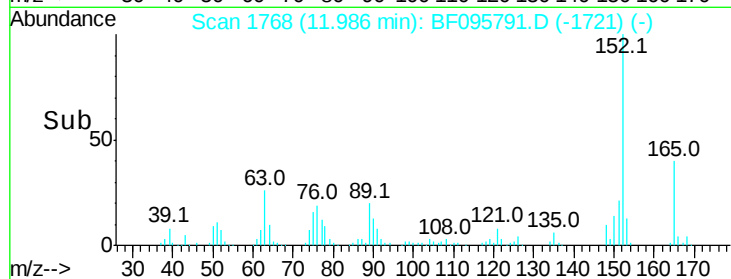
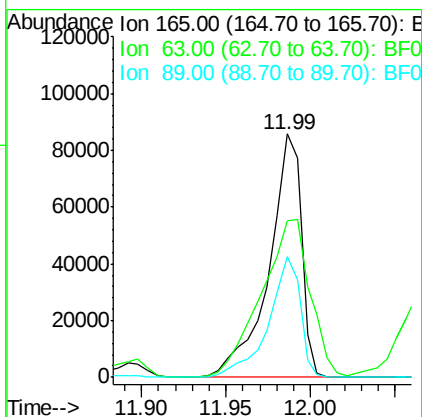
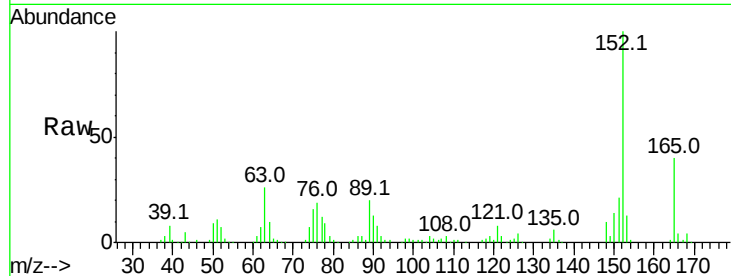
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.5	34.3	51.5#
89	49.6	37.1	55.7

Manual Integrations
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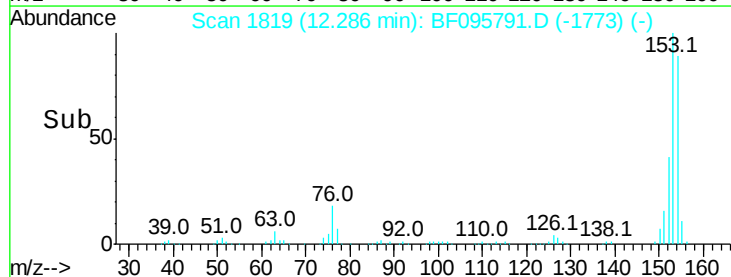
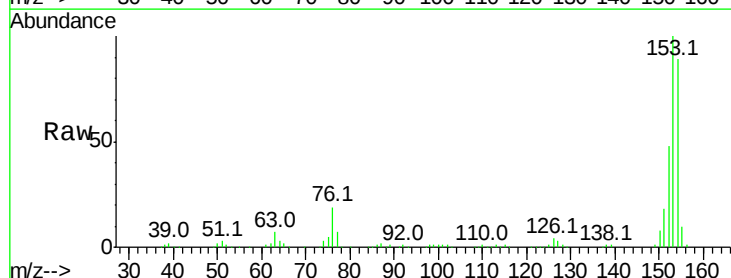
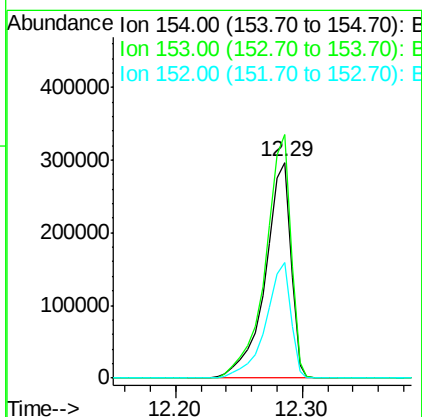
mohammad

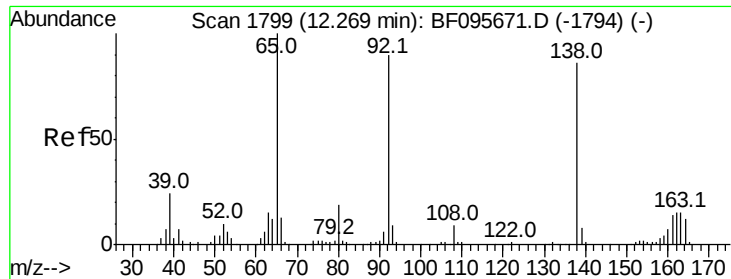
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#51
Acenaphthene
Concen: 50.43 ng
RT: 12.29 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

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





#52

3-Nitroaniline

Concen: 38.54 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleID :

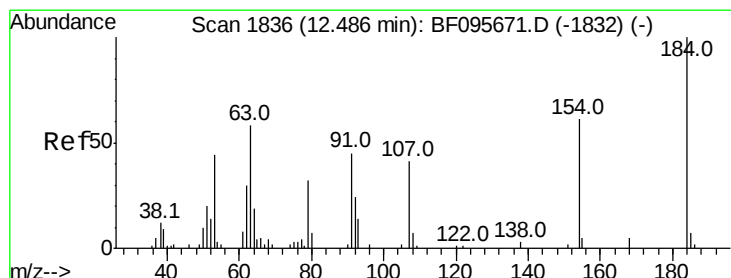
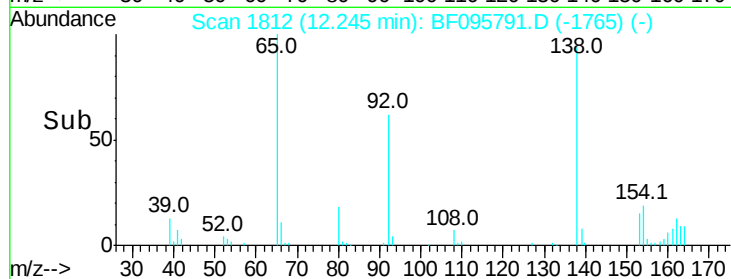
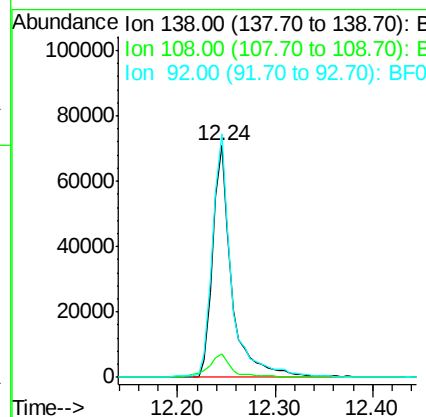
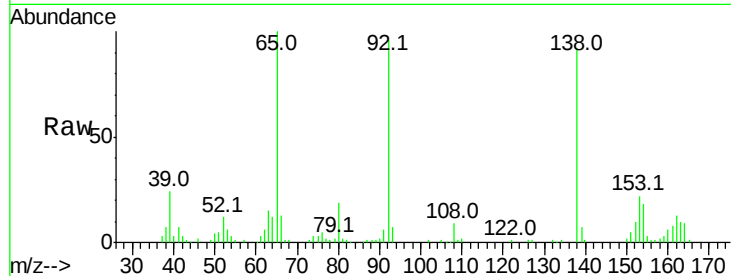
RT-3460MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	105.1	93.8	140.6

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#53

2,4-Dinitrophenol

Concen: 16.49 ng

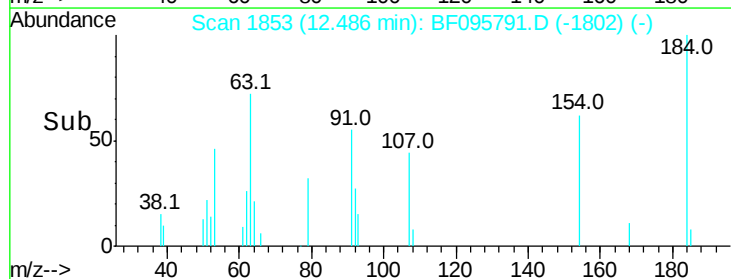
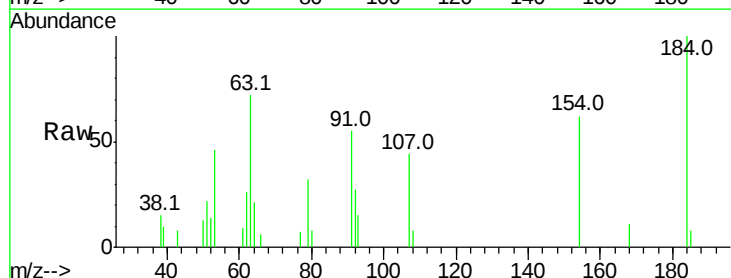
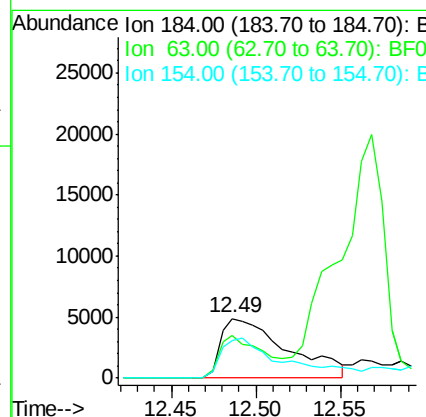
RT: 12.49 min Scan# 1853

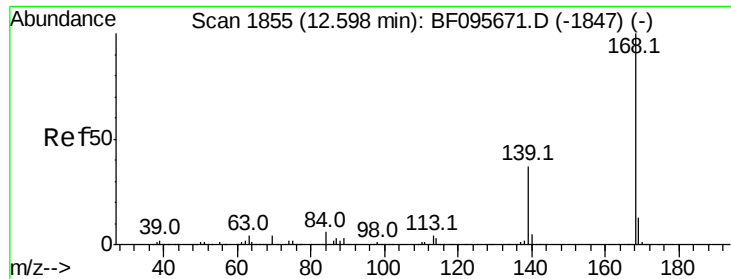
Delta R.T. 0.00 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.8	62.7	94.1
154	62.1	81.1	121.7#





#54
Dibenzenofuran
Concen: 54.86 ng
RT: 12.57 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

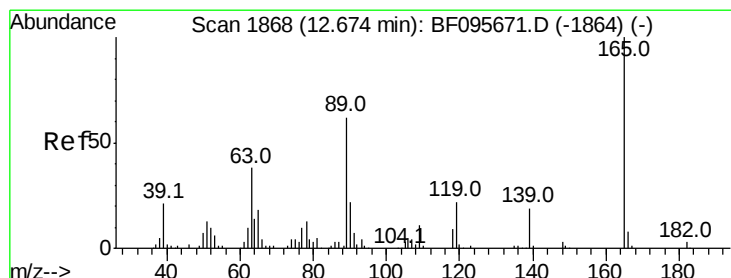
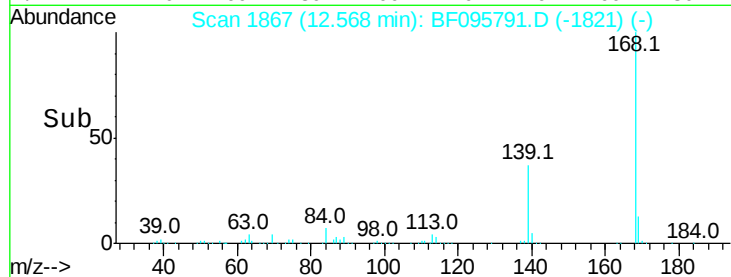
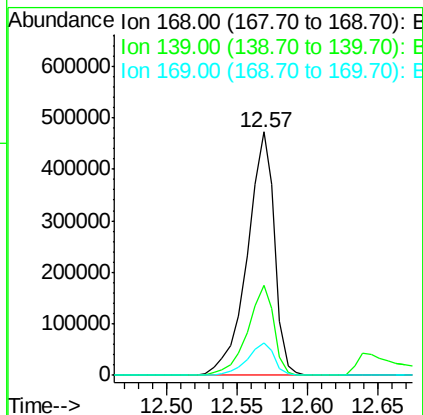
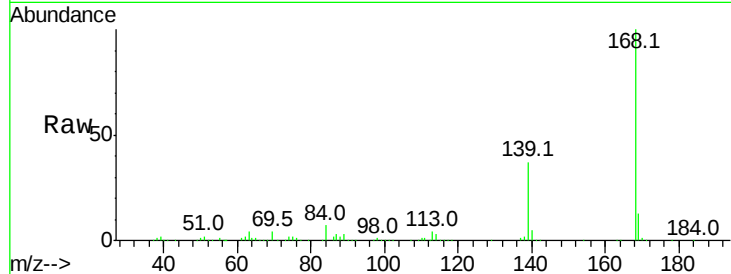
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion:168	Resp:	637298
Ion Ratio	Lower	Upper
168	100	
139	37.0	30.6 45.8
169	13.3	10.8 16.2

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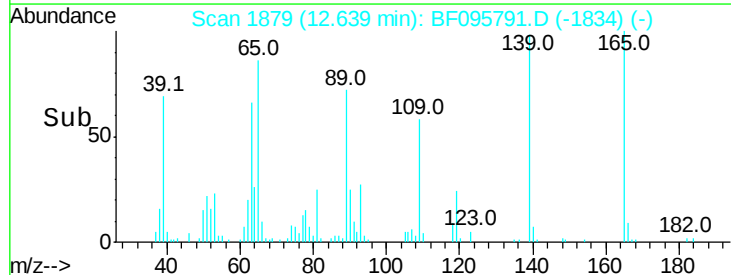
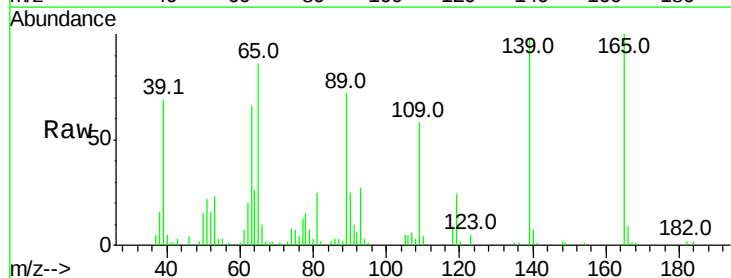
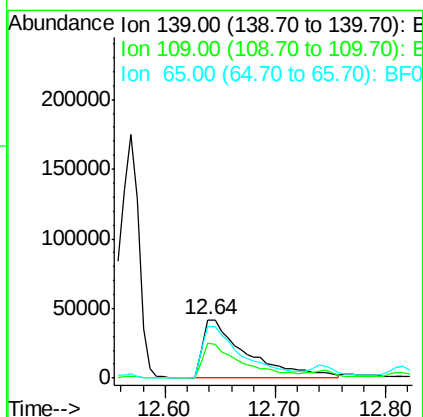
mohammad

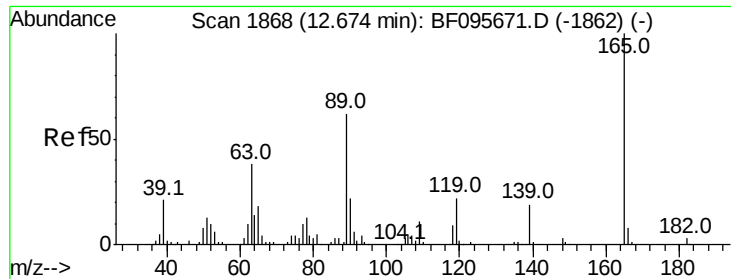
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#55
4-Nitrophenol
Concen: 79.14 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion:139	Resp:	115639
Ion Ratio	Lower	Upper
139	100	
109	59.2	34.1 74.1
65	88.0	31.4 71.4#





#56
2,4-Dinitrotoluene
Concen: 55.22 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

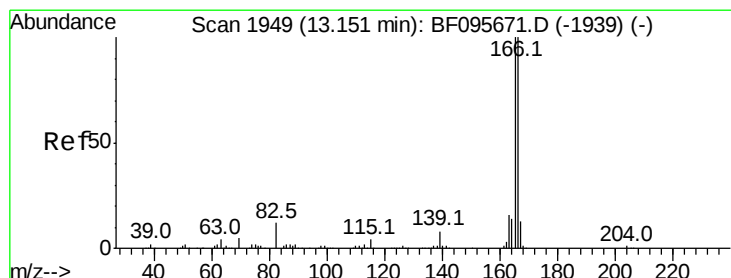
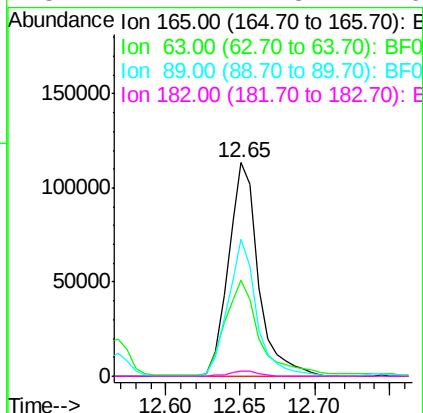
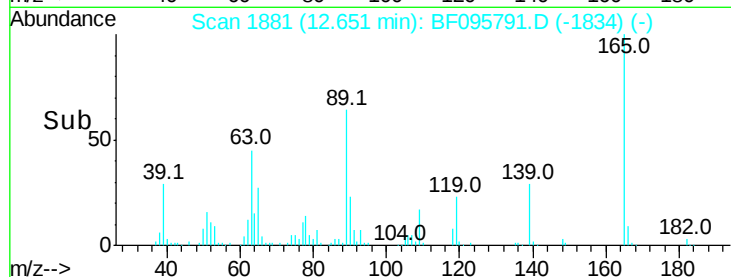
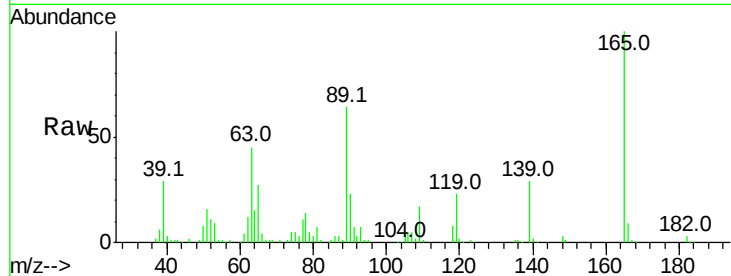
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.3	25.4	38.0#
89	64.2	46.4	69.6
182	2.7	1.8	2.6#

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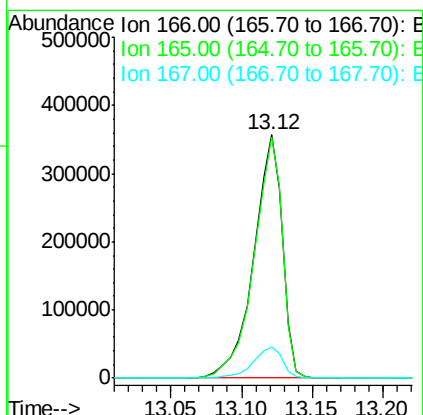
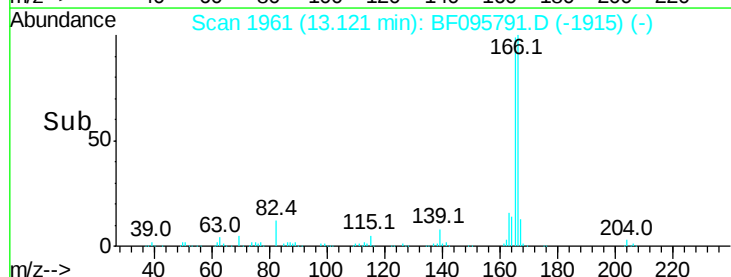
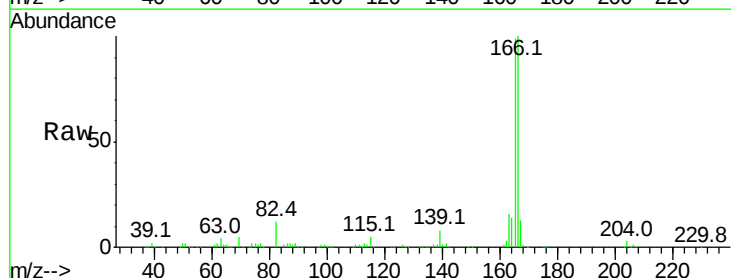
mohammad

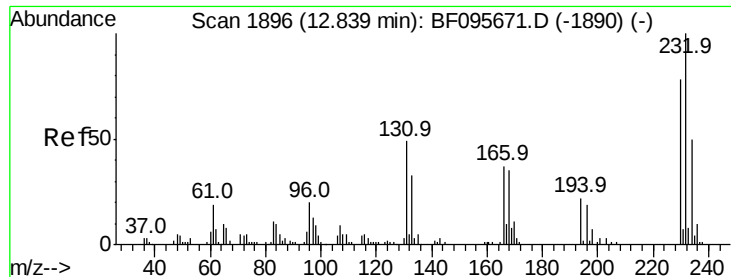
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#57
Fluorene
Concen: 50.12 ng
RT: 13.12 min Scan# 1961
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.2	78.8	118.2
167	12.9	10.6	16.0





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.51 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095791.D
 Acq: 8 Jun 2017 19:26

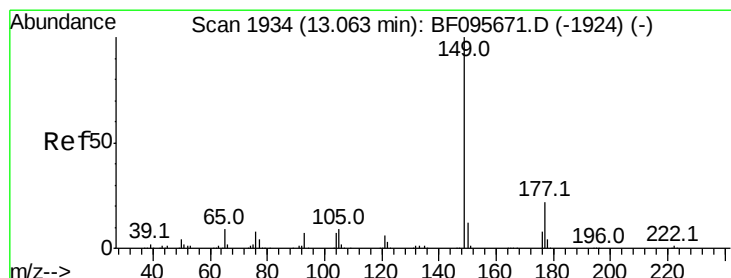
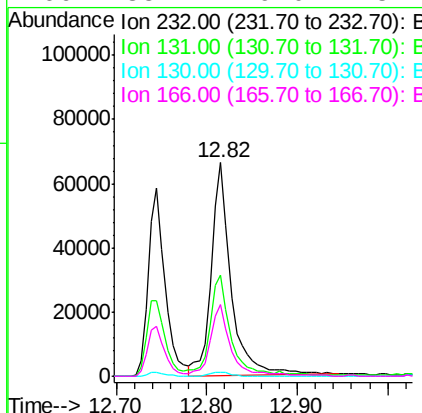
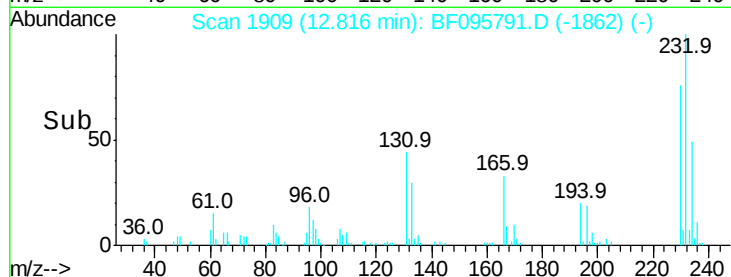
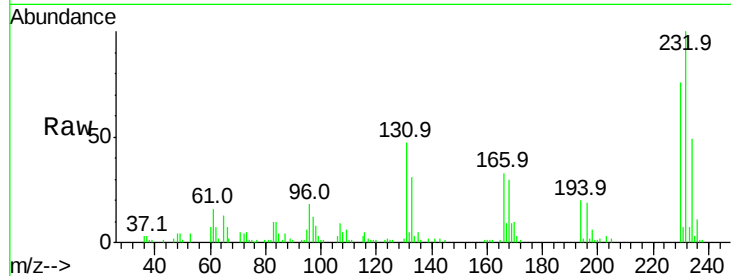
Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	100905		
131	45.5		44.8	67.2
130	2.1		2.3	3.5
166	35.7		29.0	43.4

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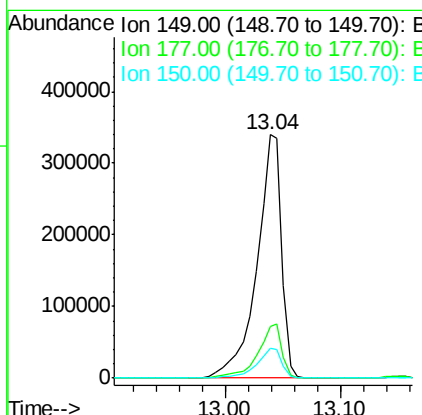
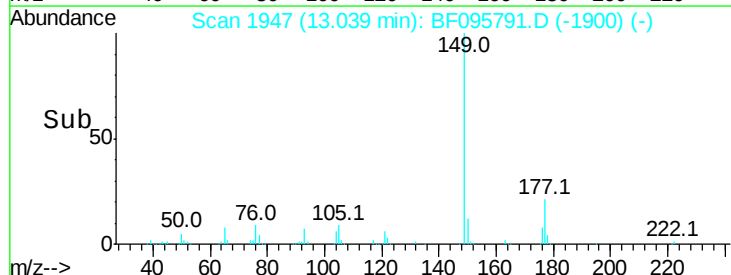
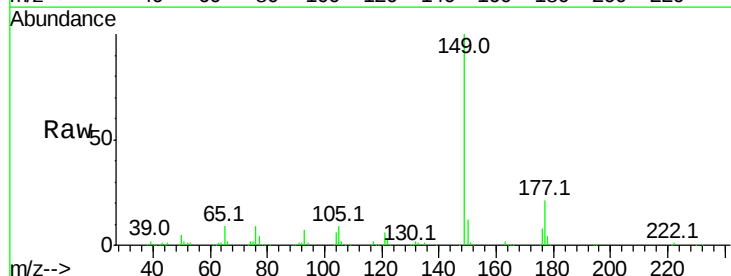
mohammad

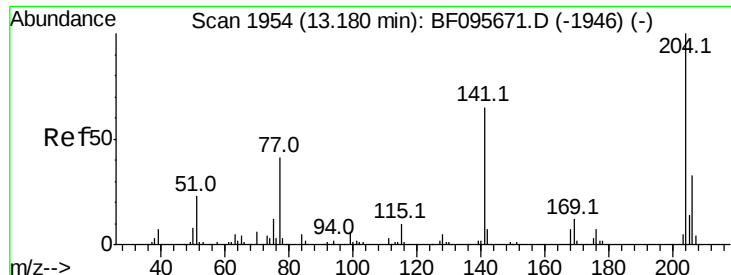
6/9/2017 12:08:52 PM



#59
 Diethylphthalate
 Concen: 53.51 ng
 RT: 13.04 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BF095791.D
 Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	507434		
177	21.4		16.7	25.1
150	12.5		10.2	15.2





#60
4-Chlorophenyl-phenylether
Concen: 50.50 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

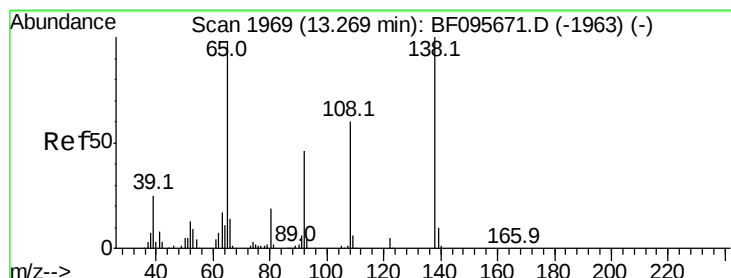
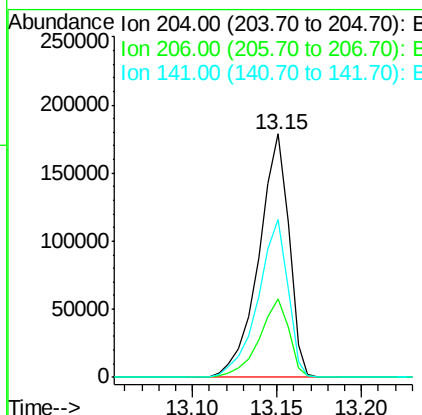
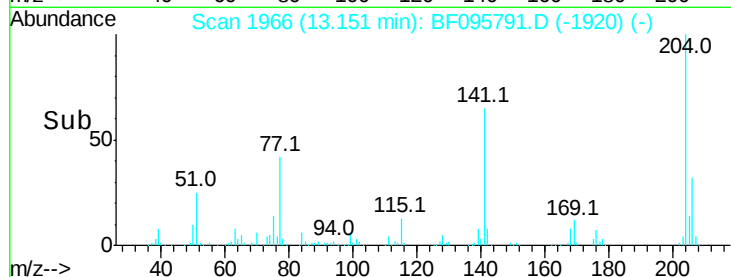
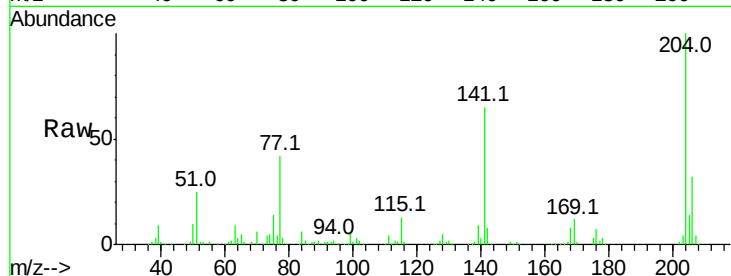
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion:	204	Resp:	222025
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.2
141	65.1	60.8	91.2

Manual Integrations
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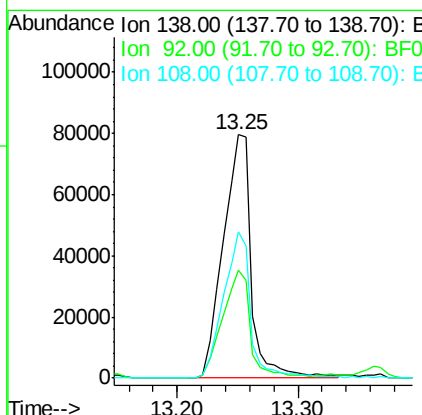
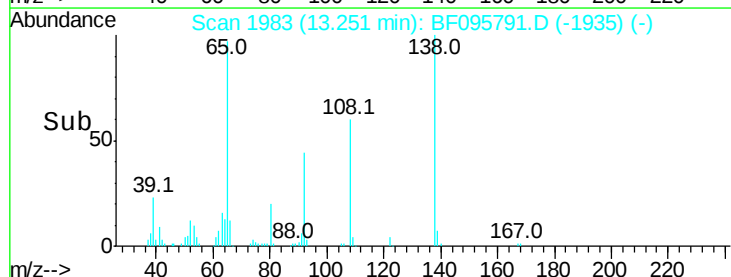
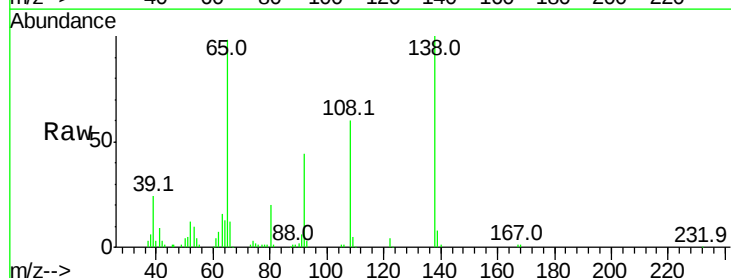
mohammad

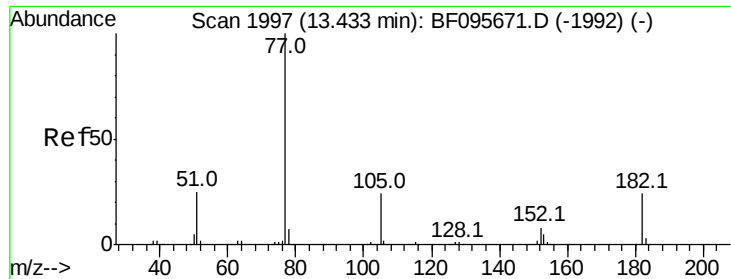
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#61
4-Nitroaniline
Concen: 54.83 ng
RT: 13.25 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion:	138	Resp:	128215
Ion Ratio	Lower	Upper	
138	100		
92	44.4	21.8	61.8
108	60.1	42.3	82.3





#62

Azobenzene

Concen: 54.14 ng

RT: 13.41 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

RT-3460MS

Tot Ion: 77 Resp: 465365

Ion Ratio Lower Upper

77 100

182 24.2 0.1 40.1

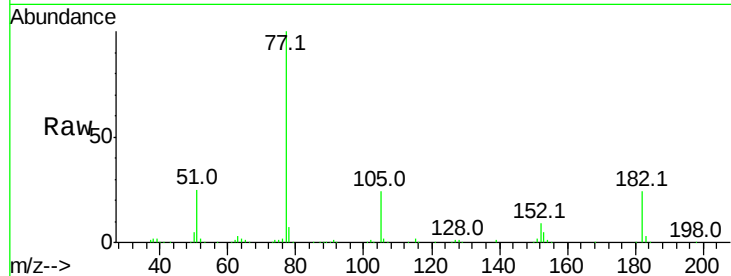
105 24.3 3.6 43.6

51 25.0 9.4 49.4

Manual Integrations
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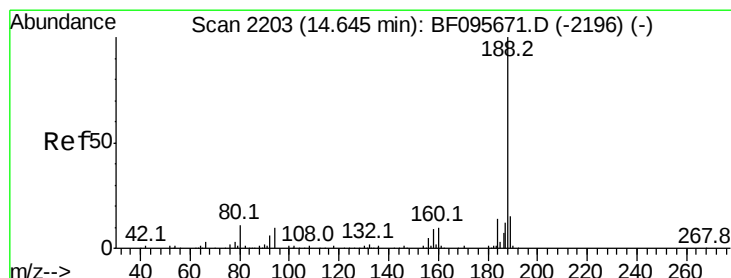
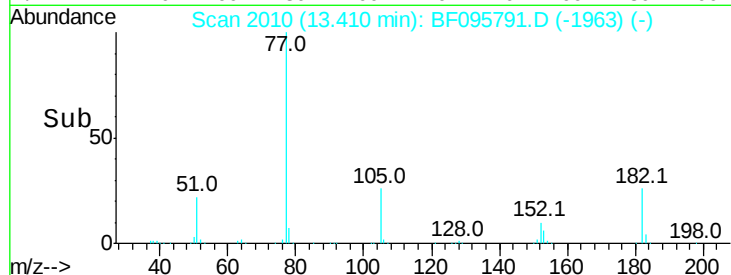
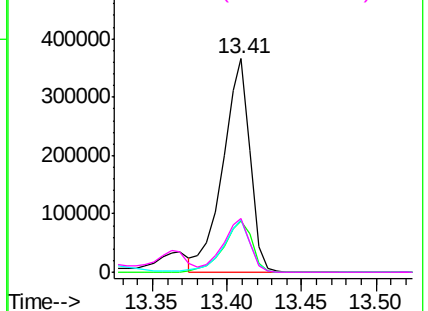


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

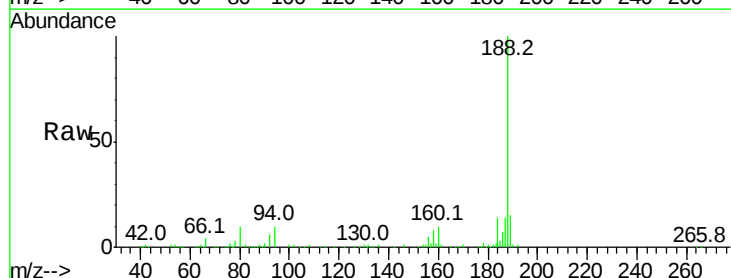
Tgt Ion: 188 Resp: 234597

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

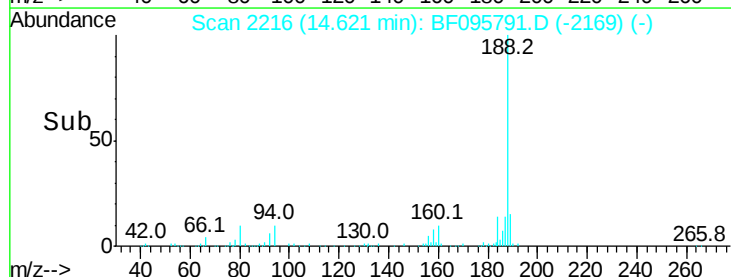
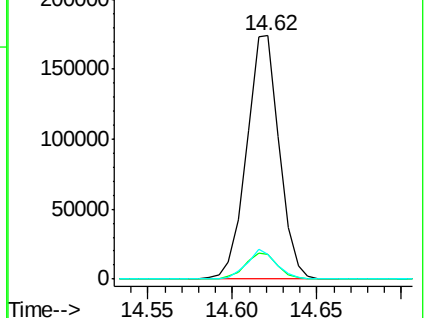
80 10.2 10.2 15.2#

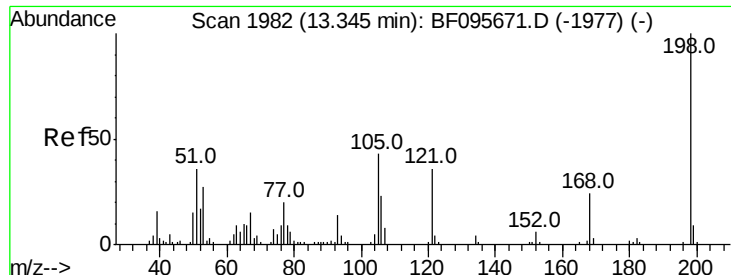


Abundance Ion 188.00 (187.70 to 188.70): E

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: 28.52 ng

RT: 13.33 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

RT-3460MS

Tot Ion:198 Resp: 43979

Ion Ratio Lower Upper

198 100

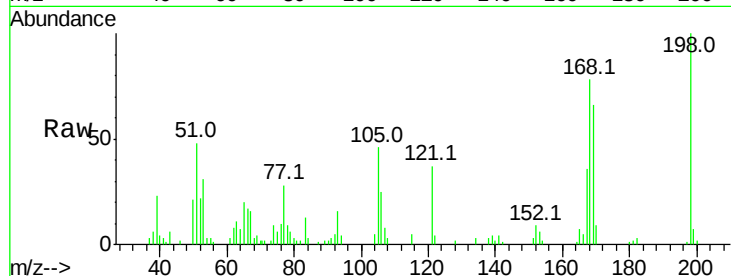
51 48.1 53.2 93.2#

105 45.8 45.8 85.8

Manual Integrations
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mohammad

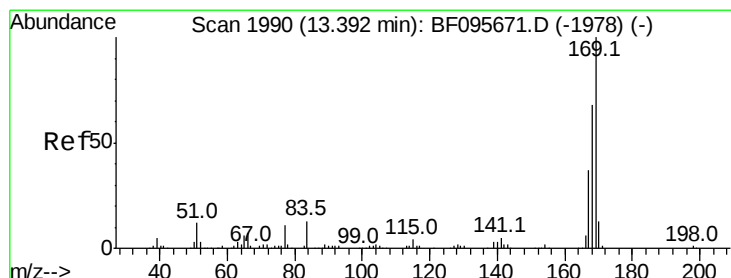
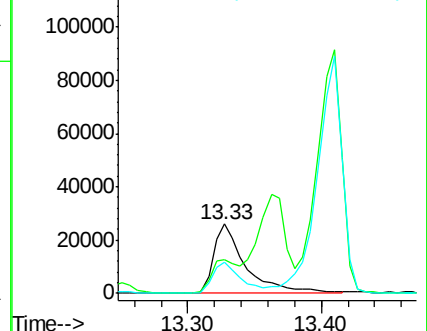
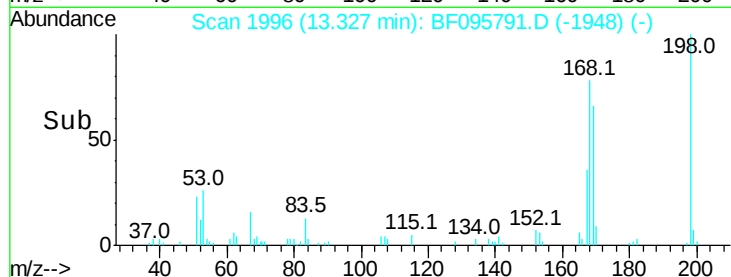
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 51.59 ng

RT: 13.37 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

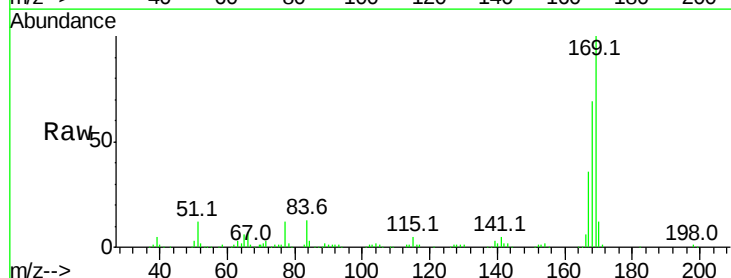
Tgt Ion:169 Resp: 434889

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

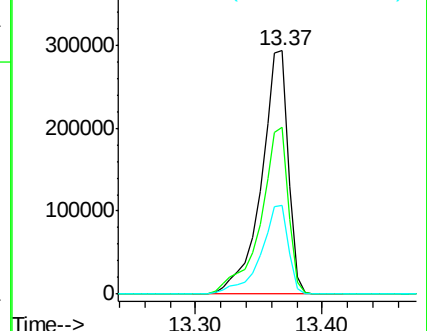
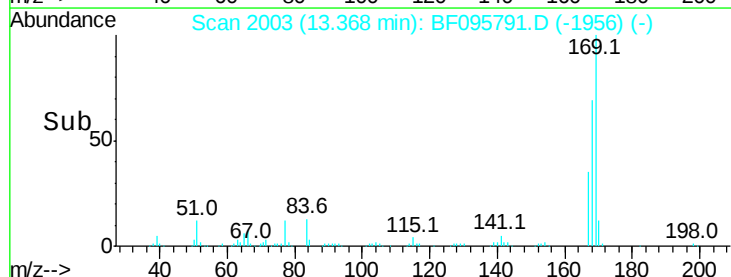
167 36.3 29.5 44.3

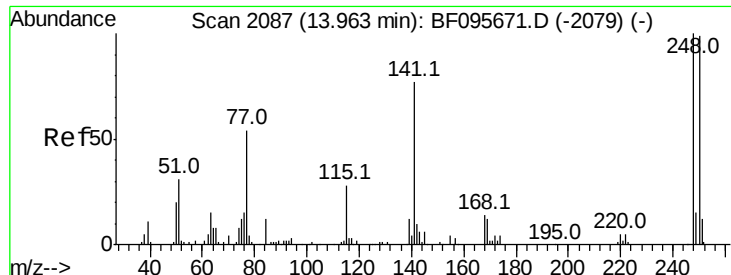


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66
4-Bromophenyl-phenylether
Concen: 52.22 ng
RT: 13.93 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

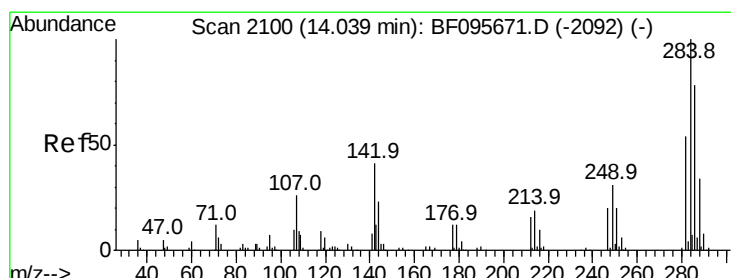
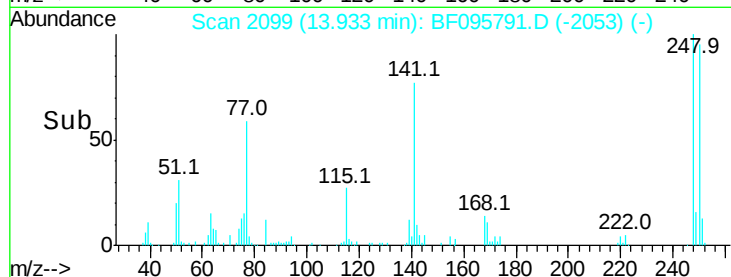
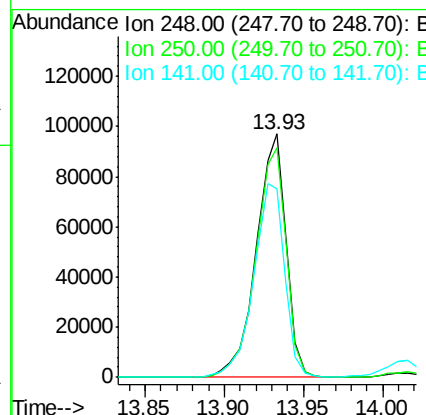
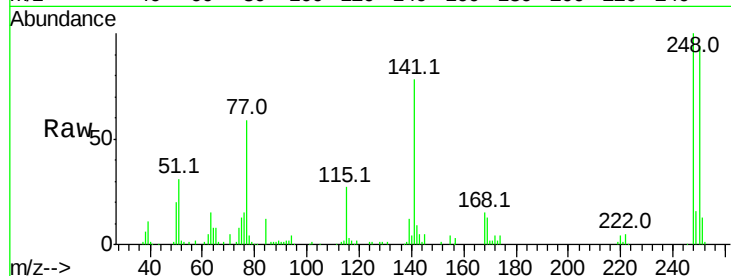
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.8	115.2
141	77.6	68.6	103.0

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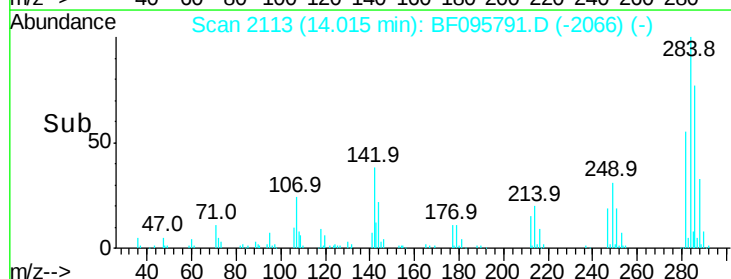
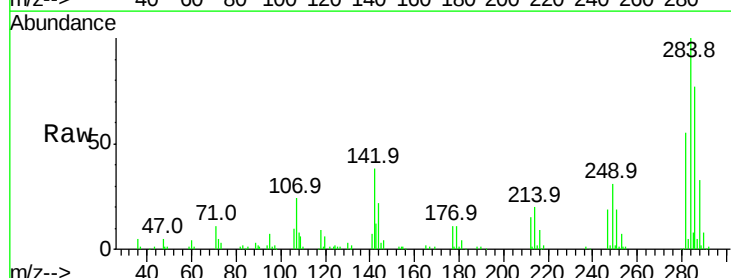
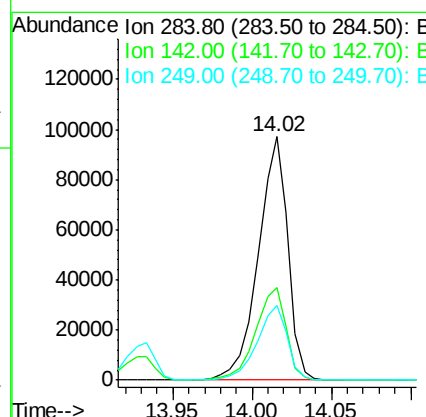
mohammad

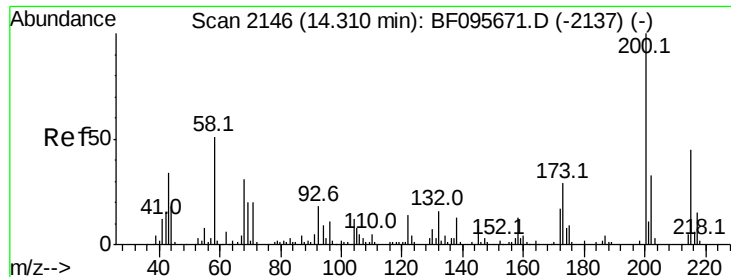
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#67
Hexachlorobenzene
Concen: 52.40 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	22.8	34.2#
249	30.7	24.0	36.0





#68
Atrazine
Concen: 54.32 ng
RT: 14.29 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

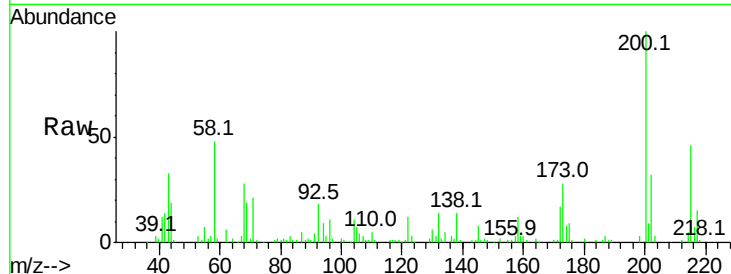
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.3	46.3
215	45.7	27.2	67.2

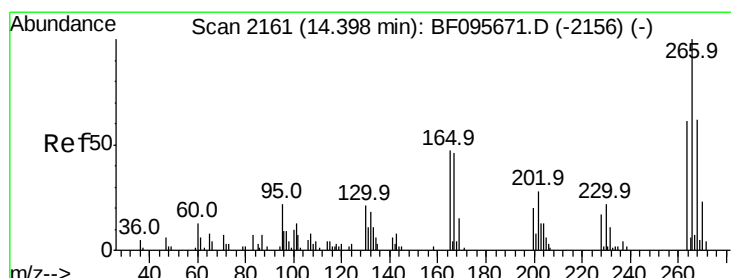
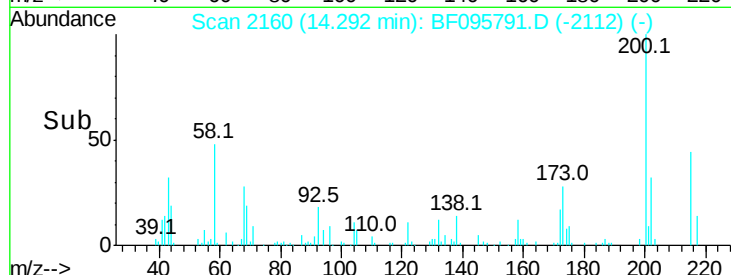
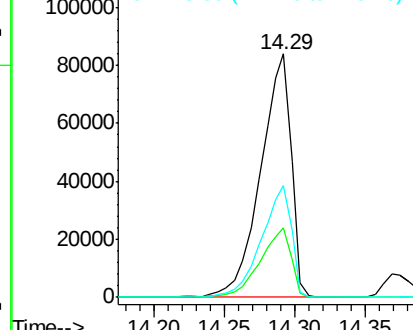
Manual Integrations
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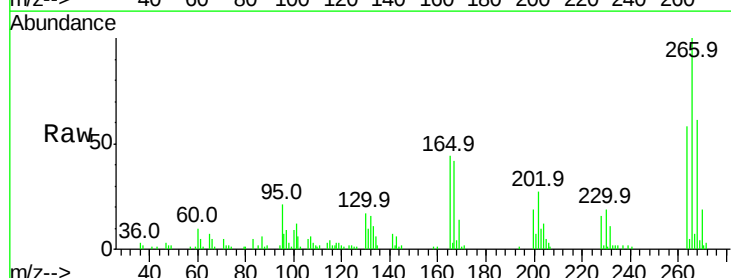


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

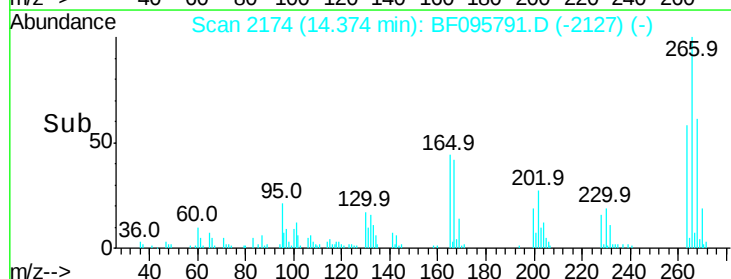
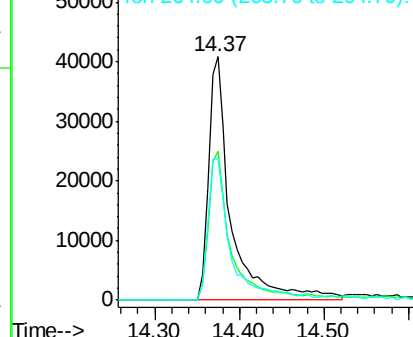


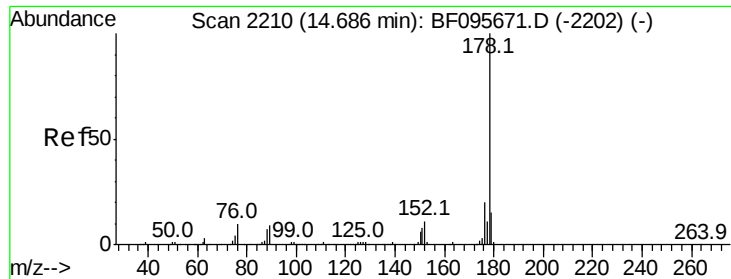
#69
Pentachlorophenol
Concen: 82.50 ng
RT: 14.37 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	57.8	51.7	77.5



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





#70
Phenanthrene
Concen: 52.06 ng
RT: 14.66 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

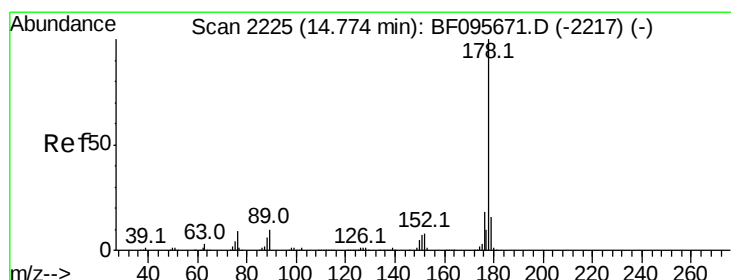
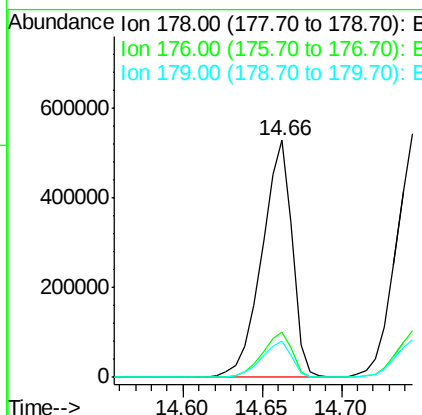
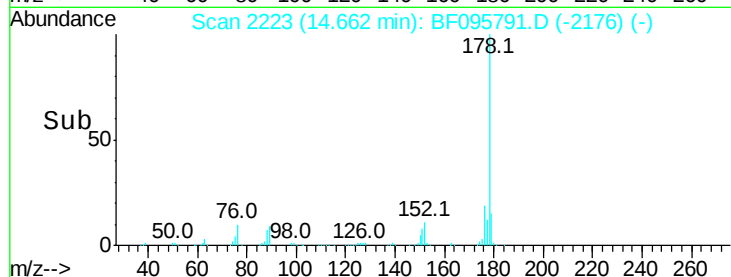
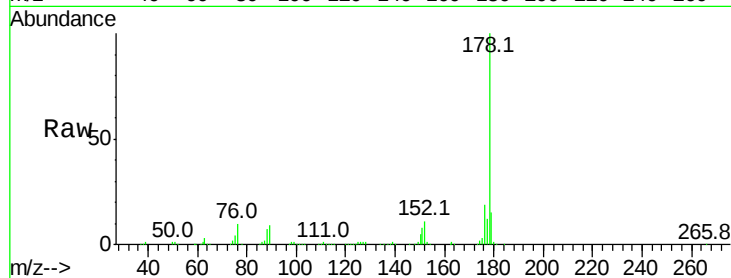
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.6	19.0

Manual Integrations
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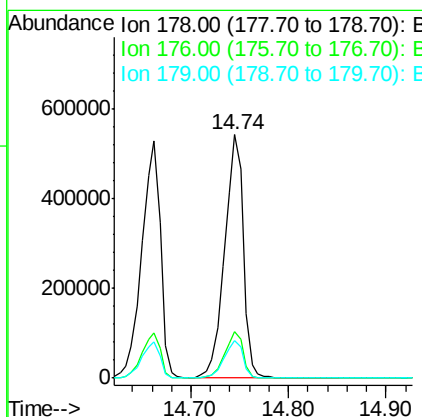
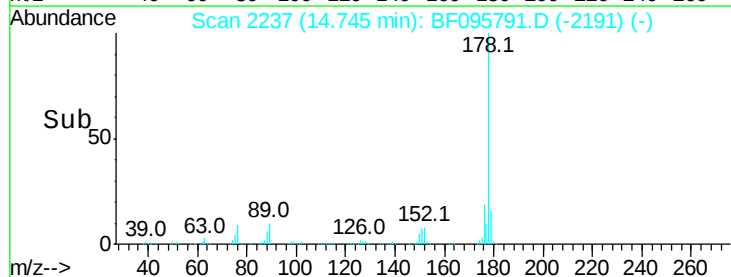
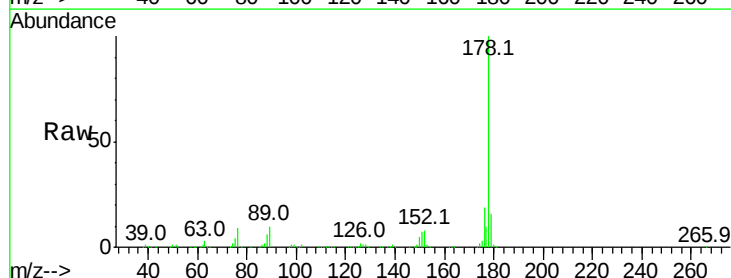
mohammad

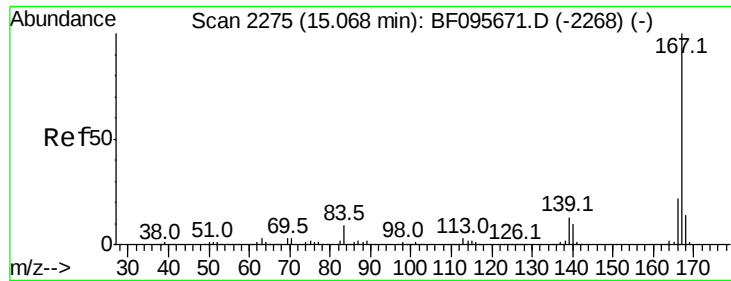
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#71
Anthracene
Concen: 51.15 ng
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

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





#72

Carbazole

Concen: 49.01 ng

RT: 15.04 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

RT-3460MS

Tot Ion:167 Resp: 674982

Ion Ratio Lower Upper

167 100

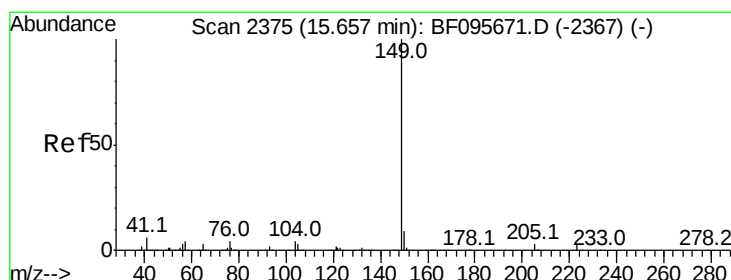
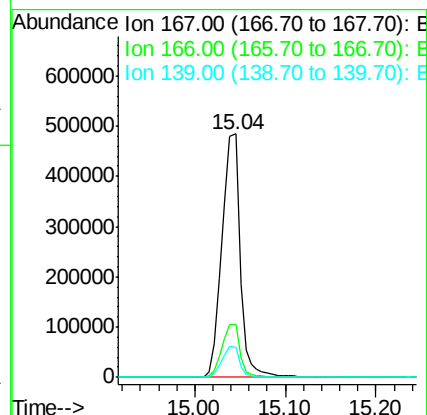
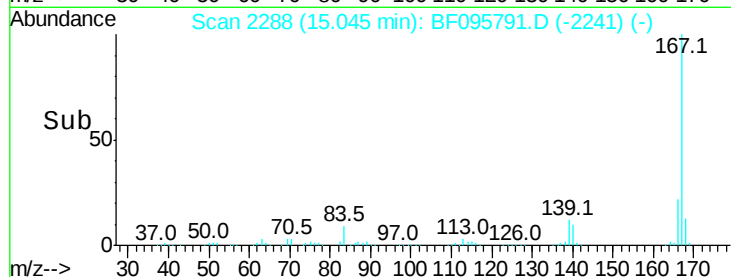
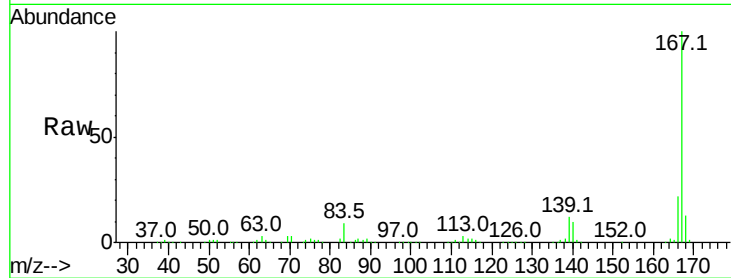
166 21.7 18.1 27.1

139 12.4 11.7 17.5

Manual Integrations
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mohammad

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#73

Di-n-butylphthalate

Concen: 53.47 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

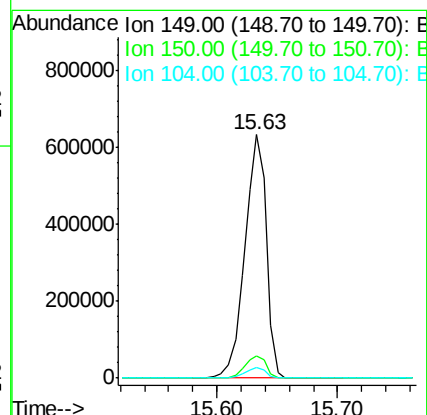
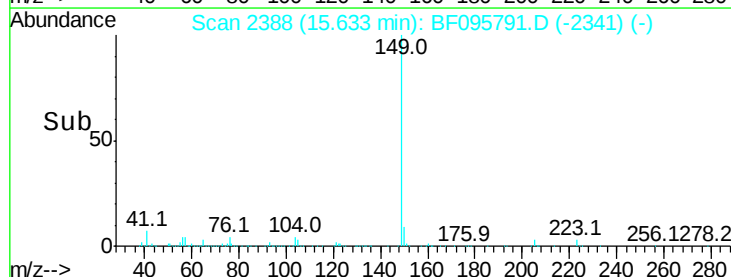
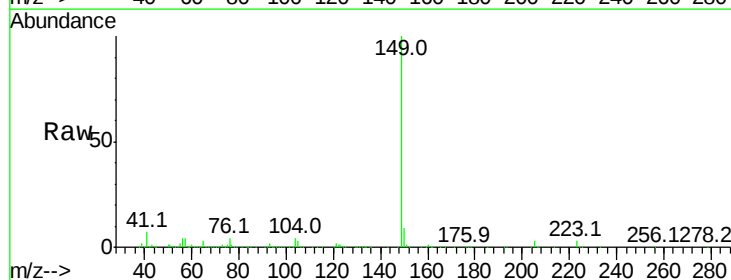
Tgt Ion:149 Resp: 783355

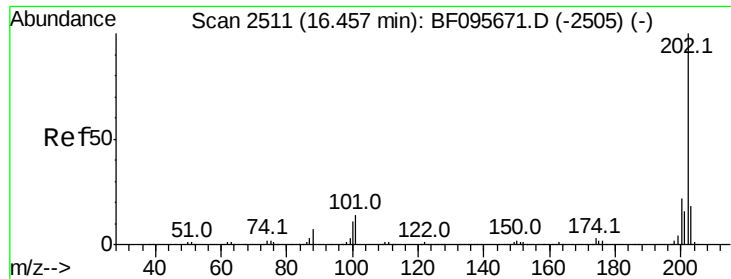
Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

104 4.2 4.0 6.0





#74
 Fluoranthene
 Concen: 52.63 ng
 RT: 16.44 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BF095791.D
 Acq: 8 Jun 2017 19:26

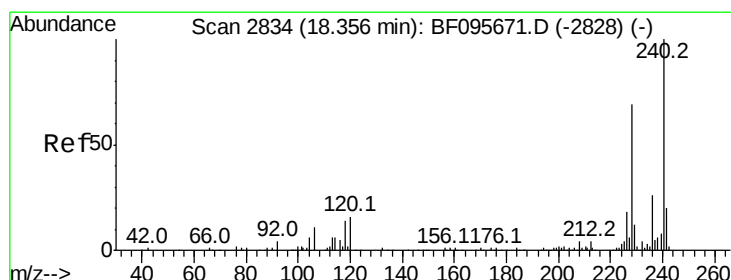
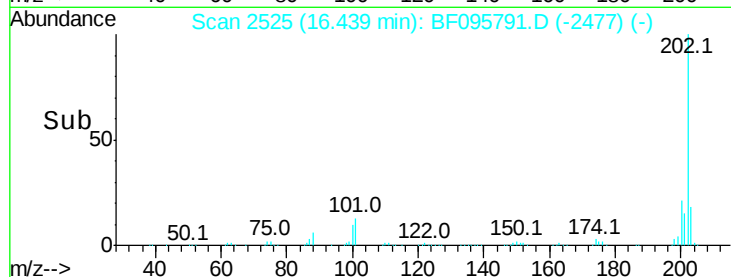
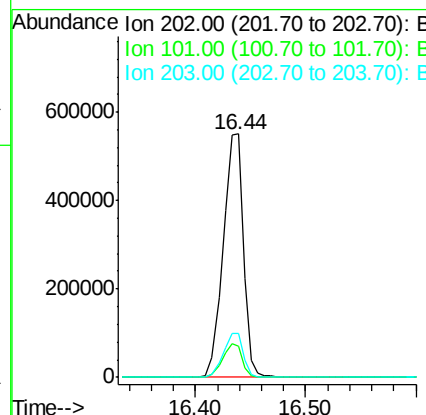
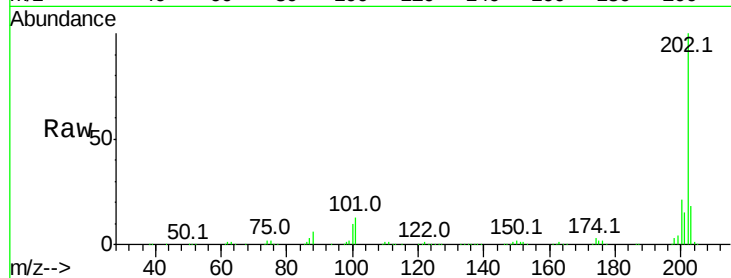
Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.8	0.0	38.1

Manual Integrations
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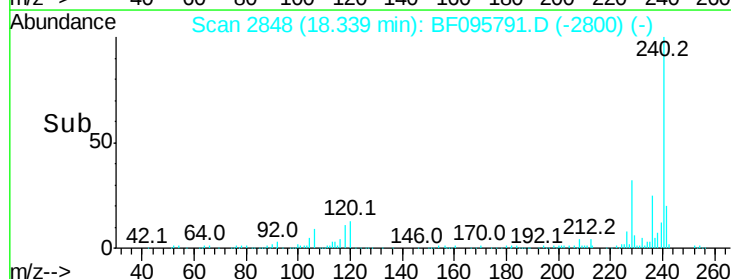
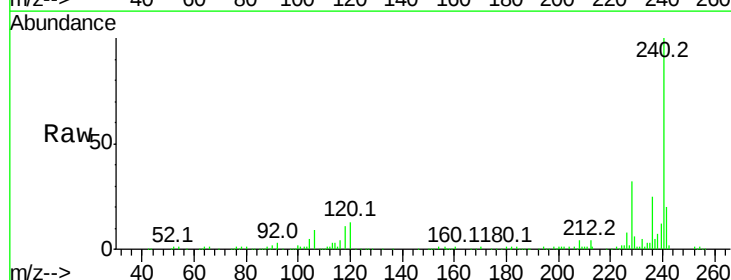
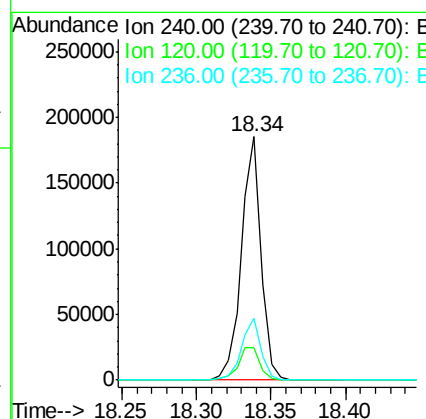
mohammad

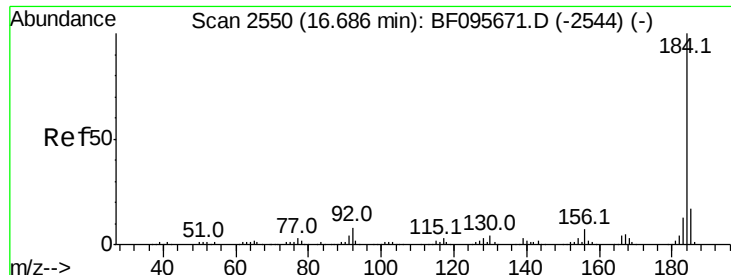
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF095791.D
 Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.3	20.5	30.7





#76

Benzidine

Concen: 44.08 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

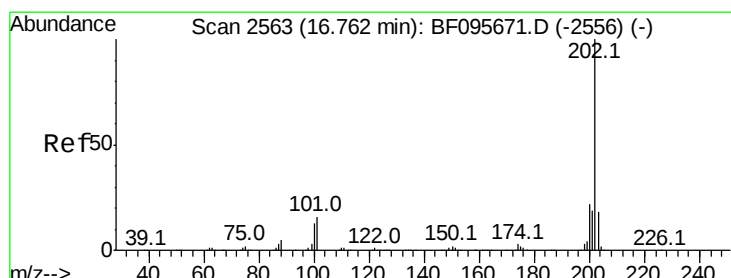
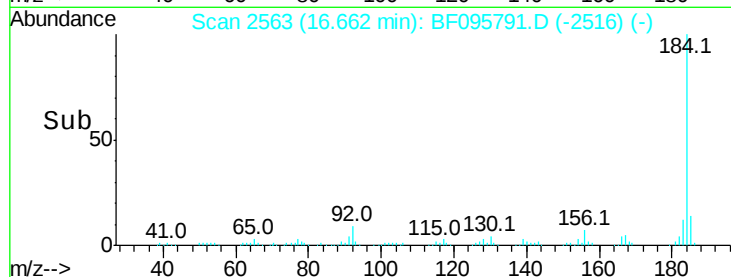
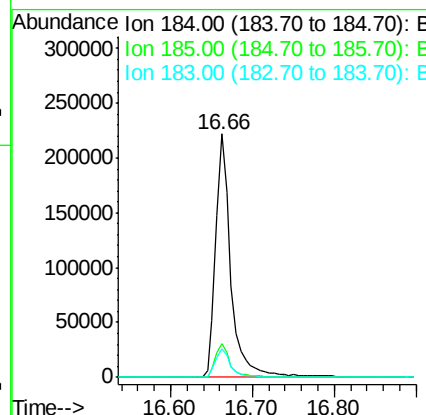
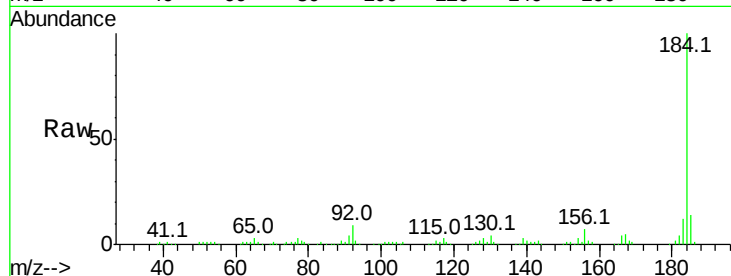
RT-3460MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	289221		
185	14.1	15.5	23.3#	
183	11.9	9.8	14.6	

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#77

Pyrene

Concen: 56.40 ng

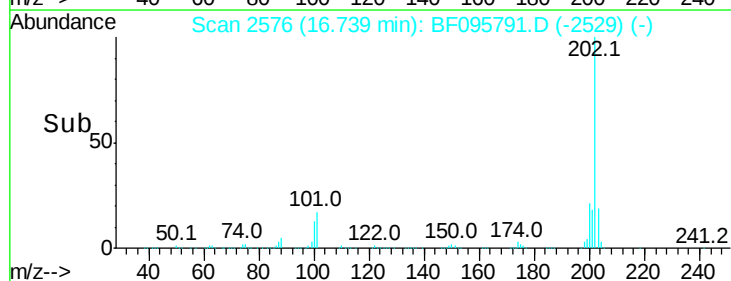
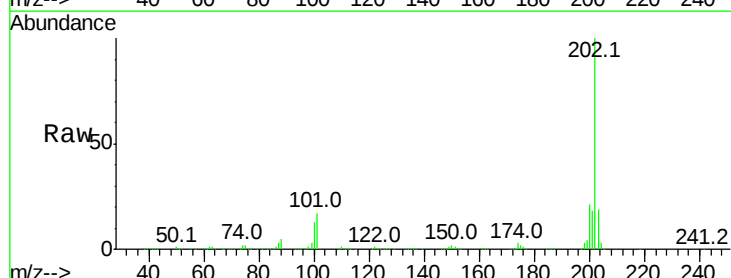
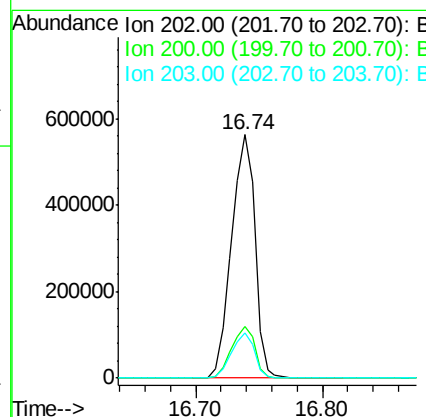
RT: 16.74 min Scan# 2576

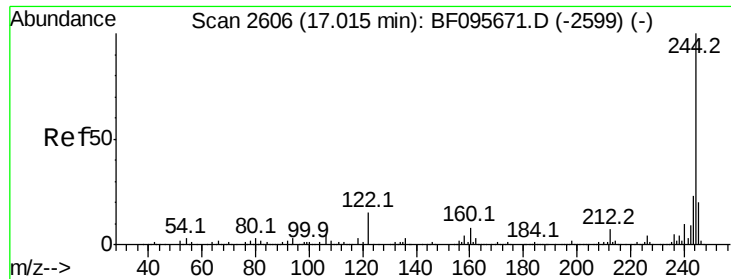
Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	718988		
200	21.3	17.6	26.4	
203	18.6	14.4	21.6	





#78

Terphenyl-d14

Concen: 112.89 ng

RT: 17.00 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

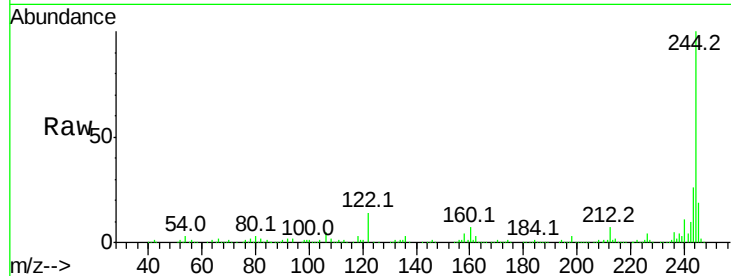
RT-3460MS

Tot Ion:	244	Resp:	777149
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5

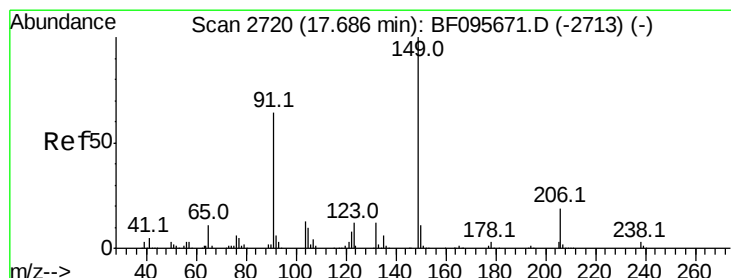
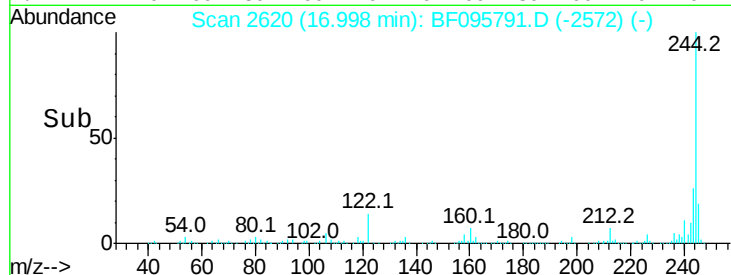
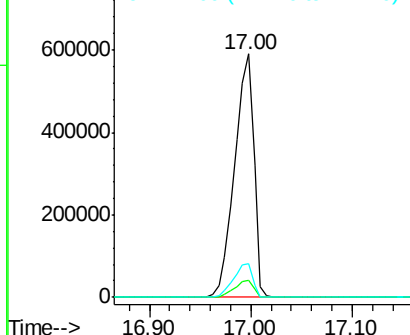
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 57.91 ng

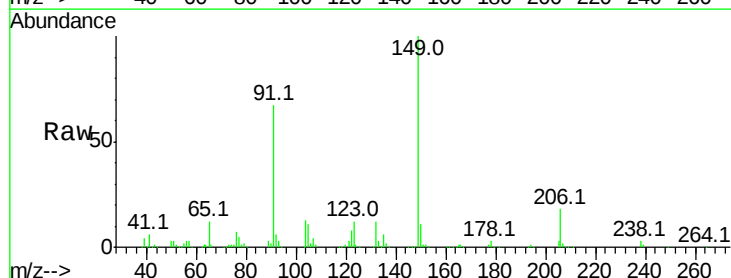
RT: 17.66 min Scan# 2733

Delta R.T. -0.02 min

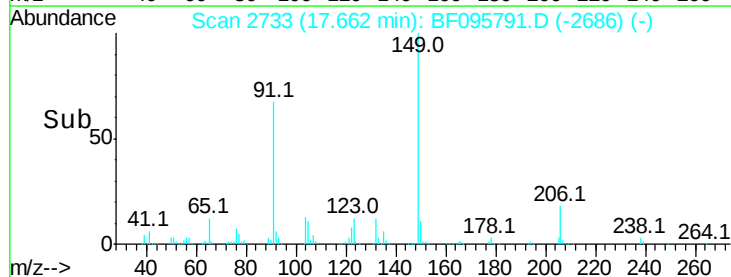
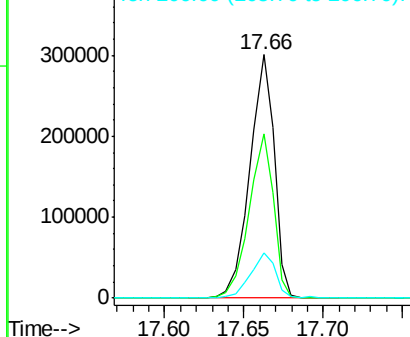
Lab File: BF095791.D

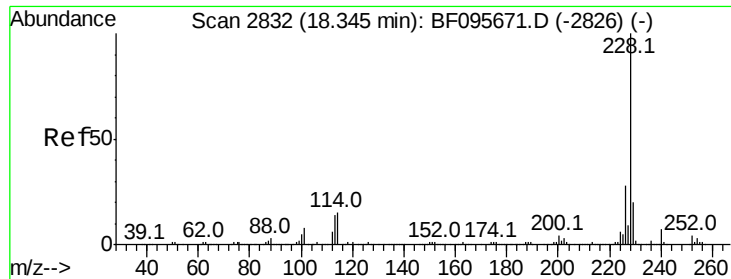
Acq: 8 Jun 2017 19:26

Tgt Ion:	149	Resp:	322431
Ion Ratio	Lower	Upper	
149	100		
91	67.3	45.0	67.4
206	18.4	17.0	25.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 53.87 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

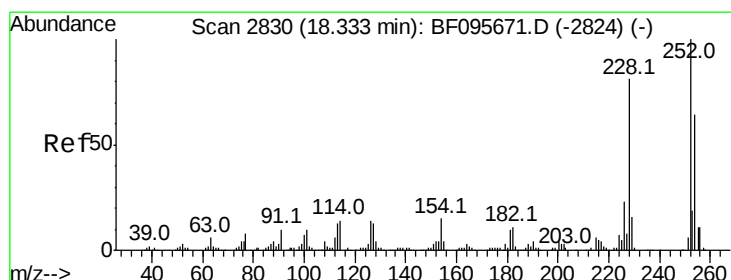
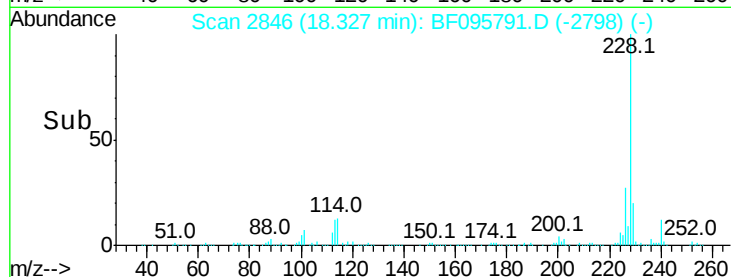
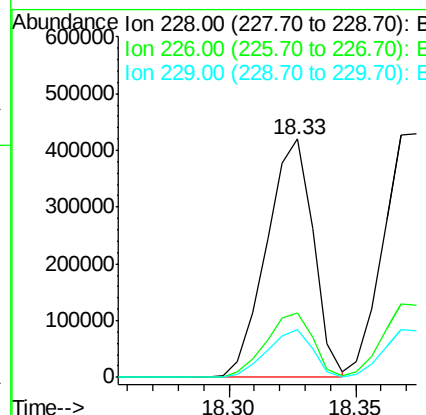
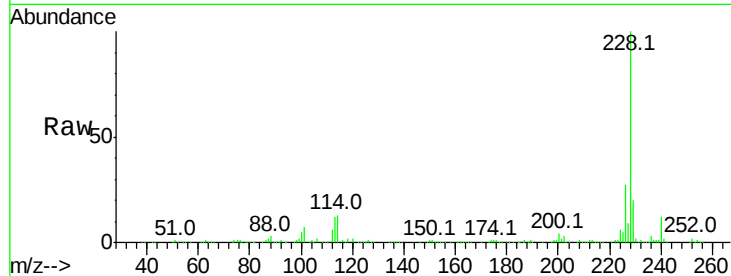
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.1	16.3	24.5

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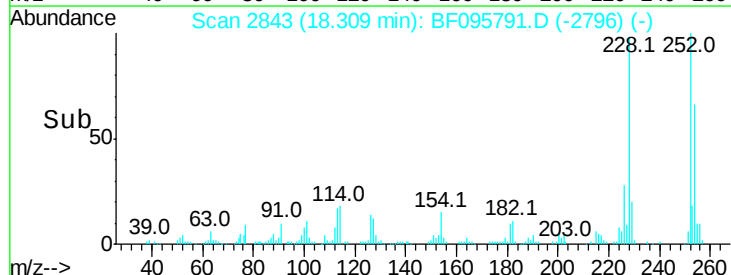
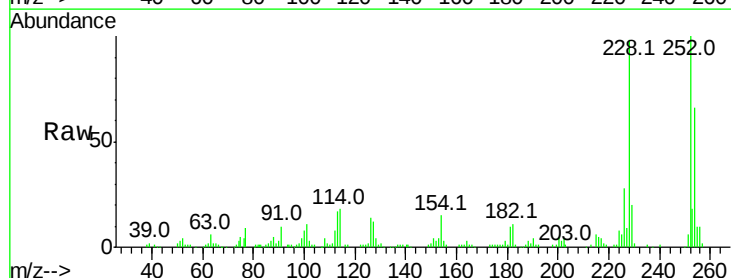
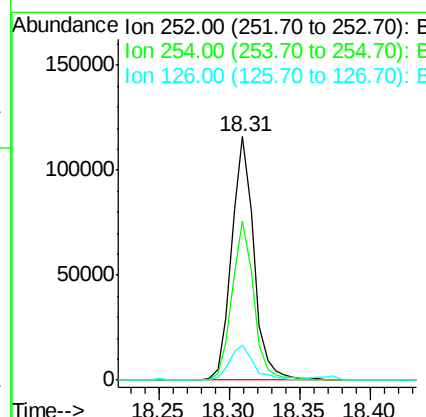
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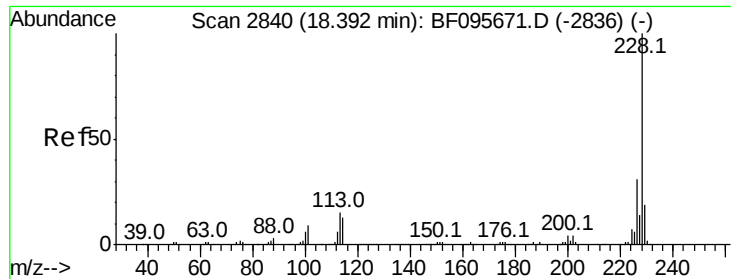
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#81
3,3'-Dichlorobenzidine
Concen: 36.01 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	14.2	15.8	23.8#





#82

Chrysene

Concen: 51.42 ng

RT: 18.37 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

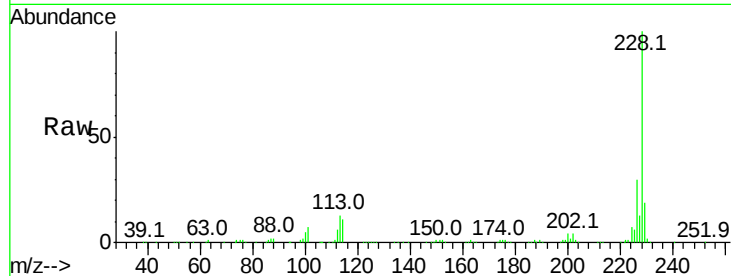
RT-3460MS

Tot Ion:	228	Resp:	510396
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.9	37.3
229	19.0	15.8	23.6

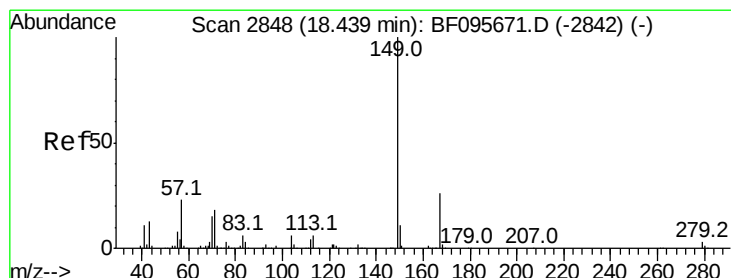
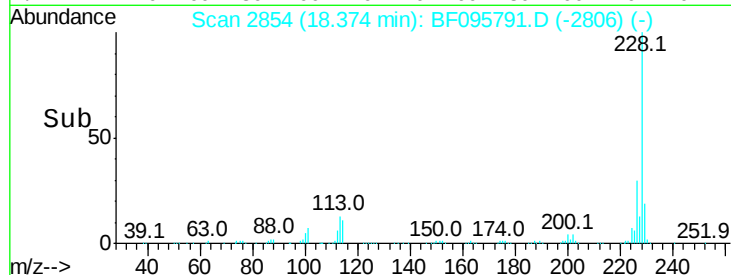
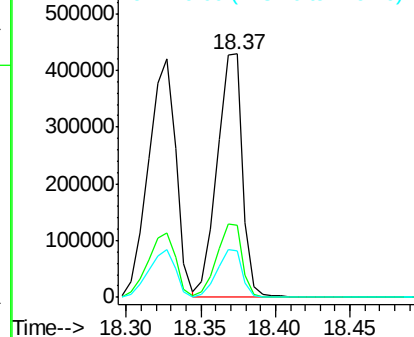
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.20 ng

RT: 18.42 min Scan# 2861

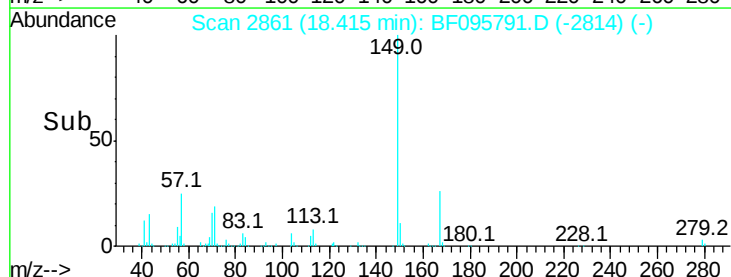
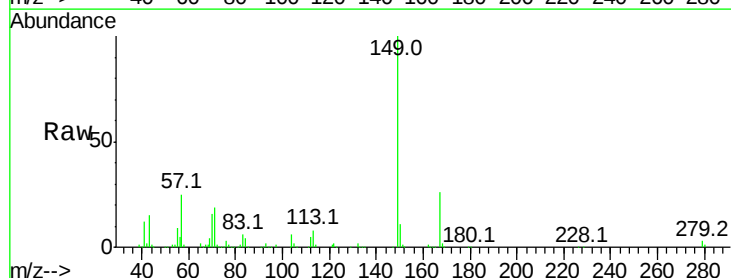
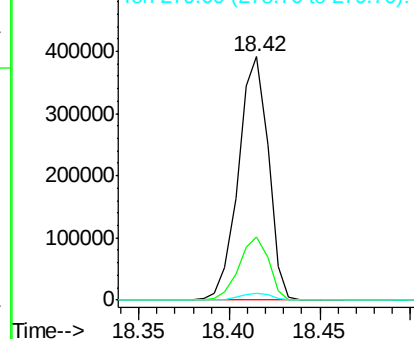
Delta R.T. -0.02 min

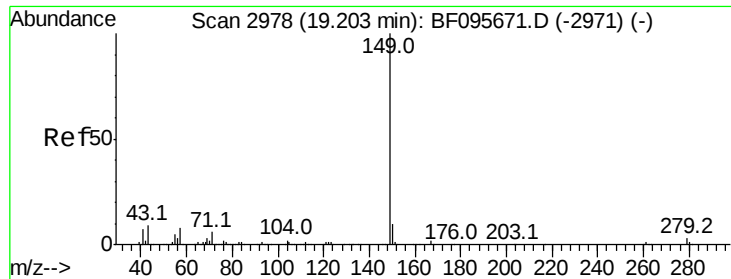
Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	149	Resp:	449211
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	3.0	1.9	2.9#

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





#84

Di-n-octyl phthalate

Concen: 53.23 ng

RT: 19.18 min Scan# 2991

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

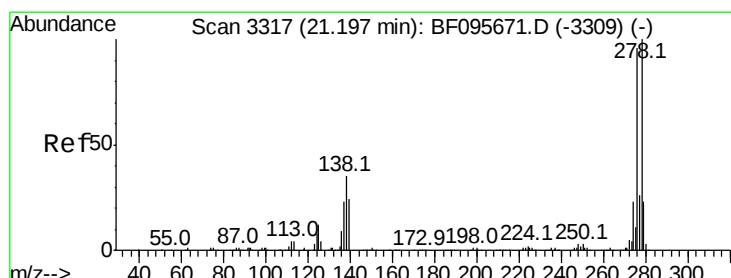
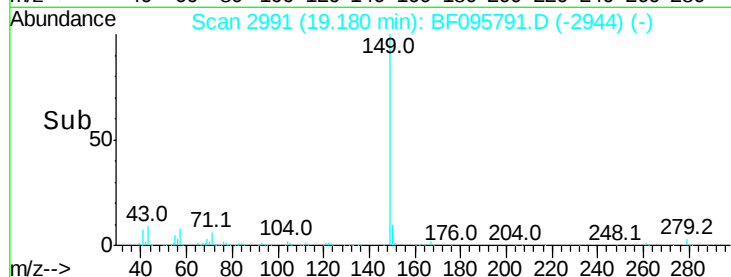
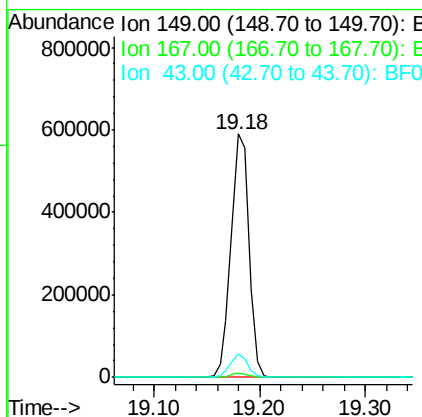
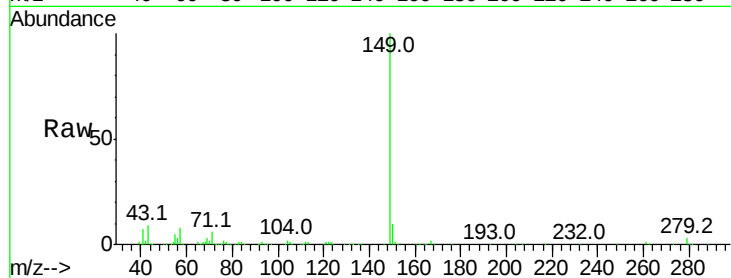
RT-3460MS

Tot Ion:	149	Resp:	688853
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.9	8.5	12.7

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#85

Indeno(1,2,3-cd)pyrene

Concen: 48.82 ng

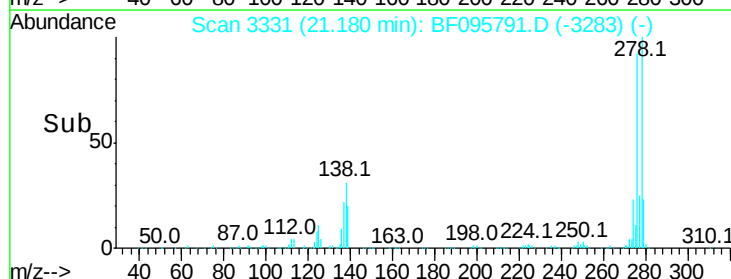
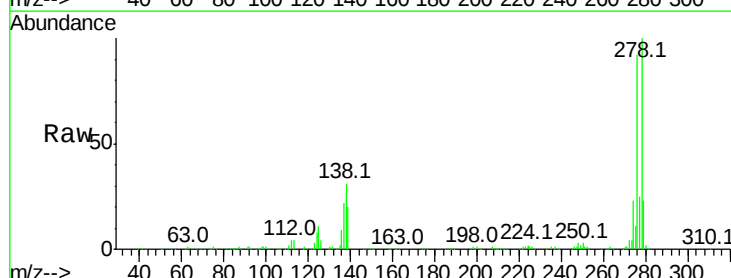
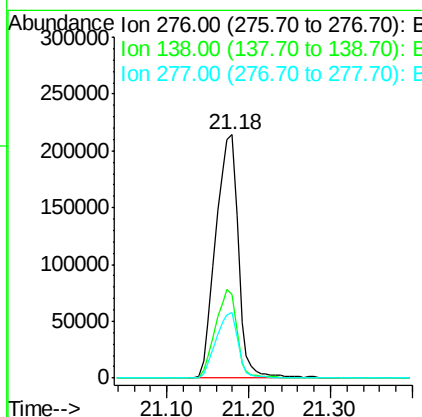
RT: 21.18 min Scan# 3331

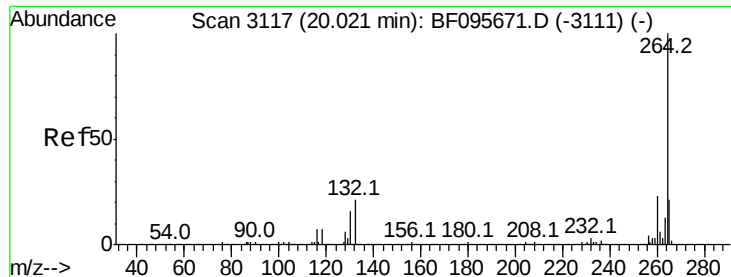
Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	276	Resp:	414657
Ion Ratio	Lower	Upper	
276	100		
138	35.0	27.8	41.6
277	26.3	20.2	30.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

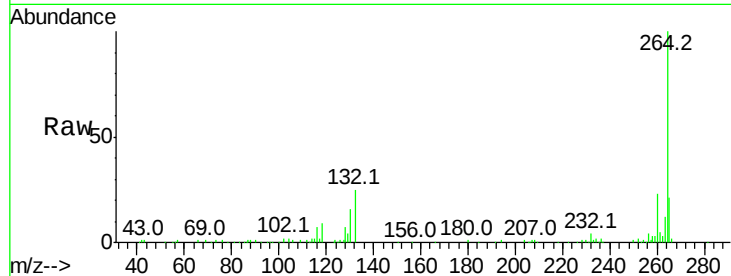
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.3	17.2	25.8

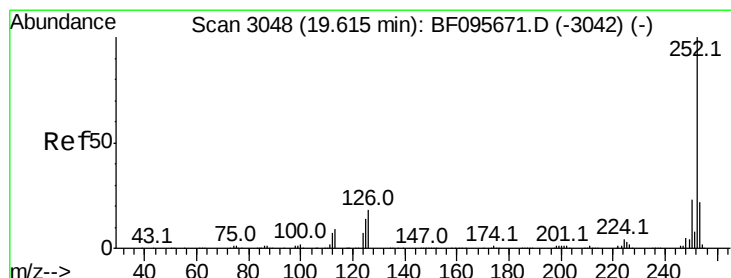
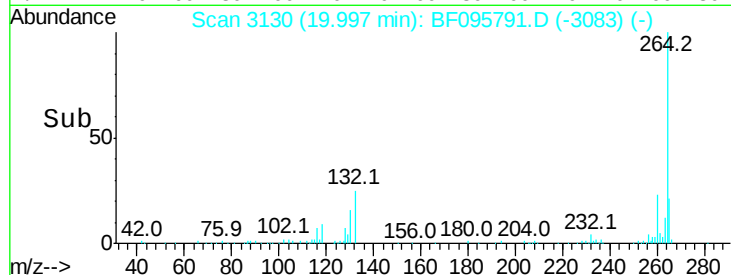
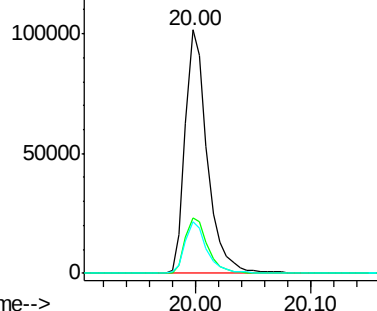
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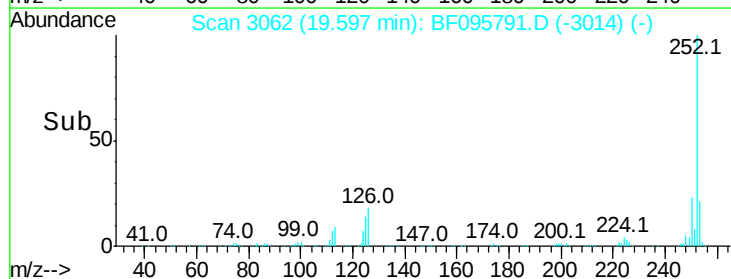
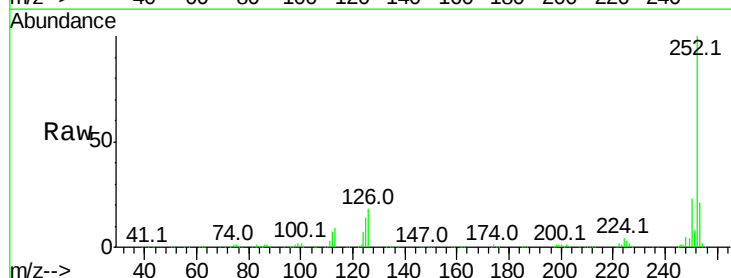
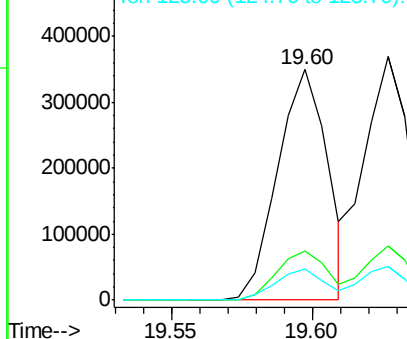
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

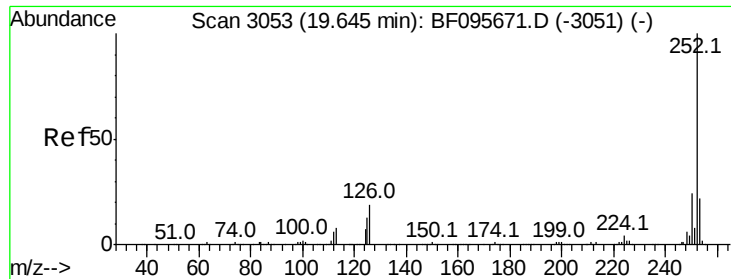


#87
Benzo(b)fluoranthene
Concen: 50.44 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.7	9.8	14.8

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





#88

Benzo(k)fluoranthene

Concen: 52.25 ng

RT: 19.63 min Scan# 3067

Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Instrument :

BNA_F

ClientSampleId :

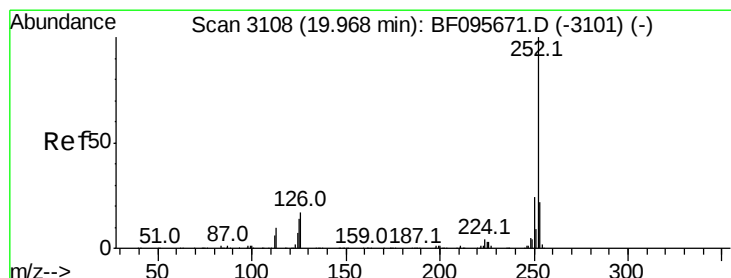
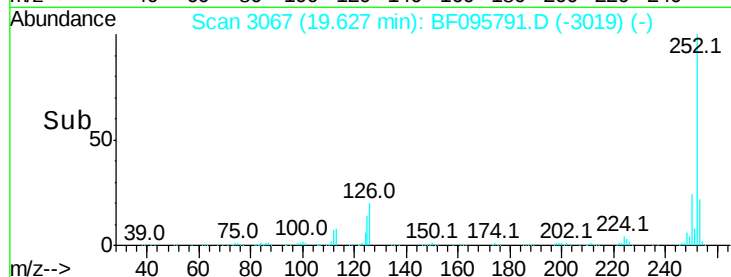
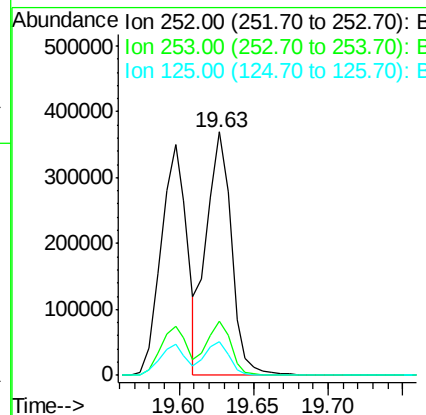
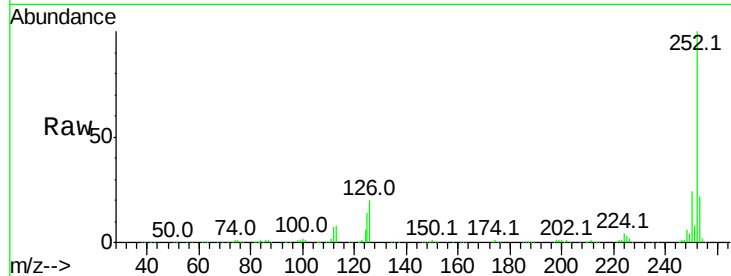
RT-3460MS

Tot Ion:	252	Resp:	423117
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	13.6	13.1	19.7

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#89

Benzo(a)pyrene

Concen: 51.14 ng

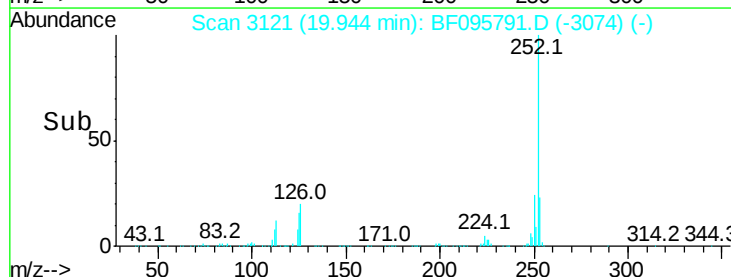
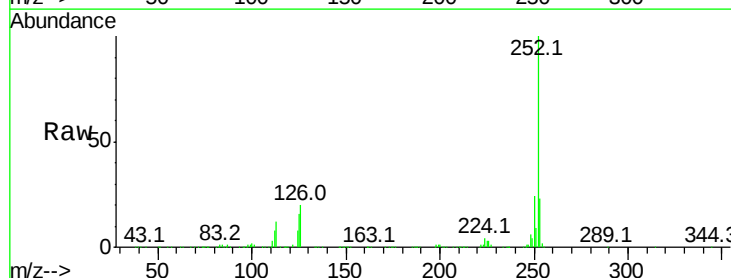
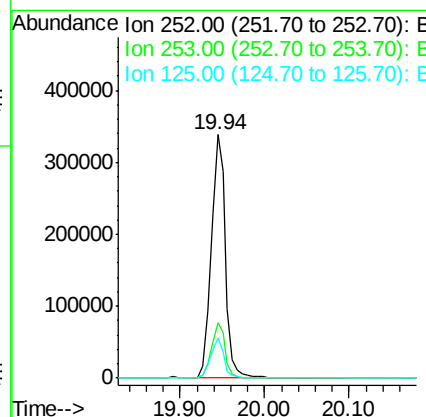
RT: 19.94 min Scan# 3121

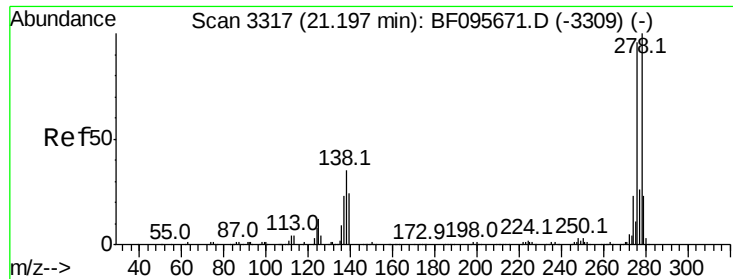
Delta R.T. -0.02 min

Lab File: BF095791.D

Acq: 8 Jun 2017 19:26

Tgt Ion:	252	Resp:	398211
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	16.3	11.0	16.4





#90
Dibenzo(a,h)anthracene
Concen: 52.46 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

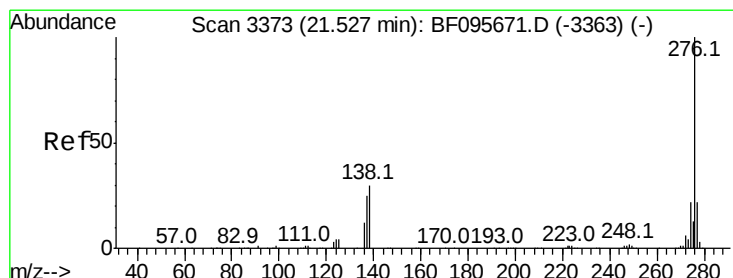
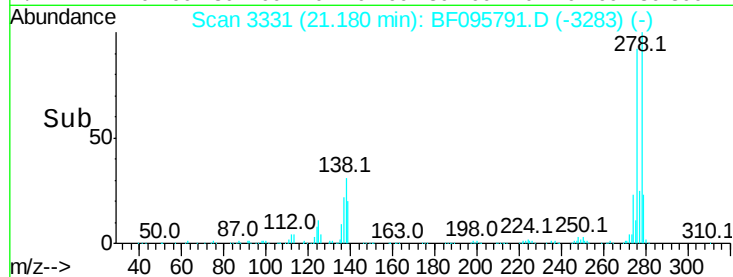
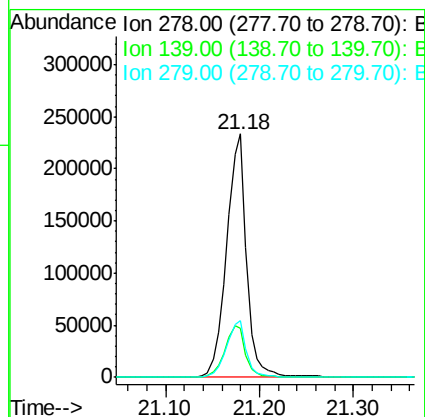
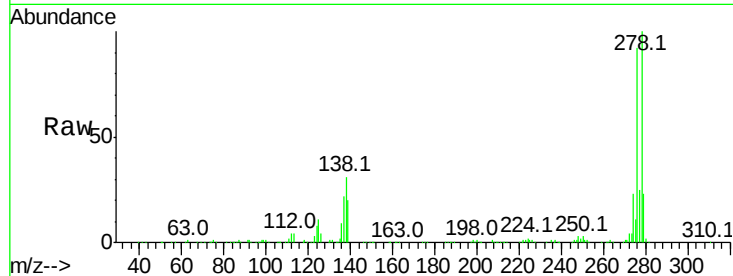
Instrument :
BNA_F
ClientSampleId :
RT-3460MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	24.8
279	23.1	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 54.33 ng
RT: 21.50 min Scan# 3386
Delta R.T. -0.02 min
Lab File: BF095791.D
Acq: 8 Jun 2017 19:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	28.6	25.4	38.0

