

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090480.D
 Acq On : 8 Oct 2016 11:02
 Operator : UM/SJ
 Sample : H5134-05MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Manual Integrations
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Quant Time: Oct 10 03:54:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	223454	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	531518	20.00	ng	0.01
38) Acenaphthene-d10	10.10	164	175684	20.00	ng	0.05
63) Phenanthrene-d10	11.58	188	366300	20.00	ng	0.03
75) Chrysene-d12	14.19	240	486753	20.00	ng	-0.01
86) Perylene-d12	15.70	264	440185	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1241634	82.93	ng	0.00
7) Phenol-d6	6.63	99	1800432	91.81	ng	0.01
23) Nitrobenzene-d5	7.56	82	845474	77.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.89	330	207412	145.19	ng	0.03
44) 2-Fluorobiphenyl	9.40	172	905596	85.88	ng	0.02
78) Terphenyl-d14	13.14	244	1253024	57.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	179504	24.32	ng	# 85
3) Pyridine	3.47	79	541740	26.32	ng	# 76
4) n-Nitrosodimethylamine	3.40	42	213190	25.10	ng	# 41
6) Aniline	6.66	93	456380	16.85	ng	94
8) 2-Chlorophenol	6.78	128	514201	31.21	ng	94
9) Benzaldehyde	6.53	77	213226	21.51	ng	90
10) Phenol	6.65	94	775692	34.02	ng	94
11) bis(2-Chloroethyl)ether	6.73	93	581383	33.31	ng	95
12) 1,3-Dichlorobenzene	6.94	146	519072	31.60	ng	98
13) 1,4-Dichlorobenzene	7.01	146	487087	29.20	ng	97
14) 1,2-Dichlorobenzene	7.17	146	455002m	28.31	ng	
15) Benzyl Alcohol	7.14	79	507812	34.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	468680	15.83	ng	# 29
17) 2-Methylphenol	7.25	107	404605	29.86	ng	# 80
18) Hexachloroethane	7.53	117	184269m	28.02	ng	
19) n-Nitroso-di-n-propylamine	7.41	70	445298	30.97	ng	# 79
20) 3+4-Methylphenols	7.41	107	493104	28.11	ng	# 70
22) Acetophenone	7.41	105	648867	51.54	ng	# 88
24) Nitrobenzene	7.58	77	565714m	52.15	ng	
25) Isophorone	7.82	82	1140403m	57.08	ng	
26) 2-Nitrophenol	7.90	139	168922	36.18	ng	# 1
27) 2,4-Dimethylphenol	7.95	122	377976	41.63	ng	85
28) bis(2-Chloroethoxy)methane	8.04	93	487514	41.26	ng	# 1
29) 2,4-Dichlorophenol	8.15	162	434603	62.95	ng	84
30) 1,2,4-Trichlorobenzene	8.23	180	393666	55.33	ng	98
31) Naphthalene	8.33	128	1677297	65.41	ng	# 73
33) 4-Chloroaniline	8.36	127	690801	65.18	ng	# 13
34) Hexachlorobutadiene	8.45	225	203291	51.14	ng	98
35) Caprolactam	8.75	113	547769	236.00	ng	# 66
36) 4-Chloro-3-methylphenol	8.86	107	297238	34.39	ng	92
37) 2-Methylnaphthalene	9.05	142	748361	48.21	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.22	216	210648	45.48	ng	# 72
40) Hexachlorocyclopentadiene	9.19	237	23236	9.15	ng	98
42) 2,4,6-Trichlorophenol	9.31	196	159857m	50.02	ng	

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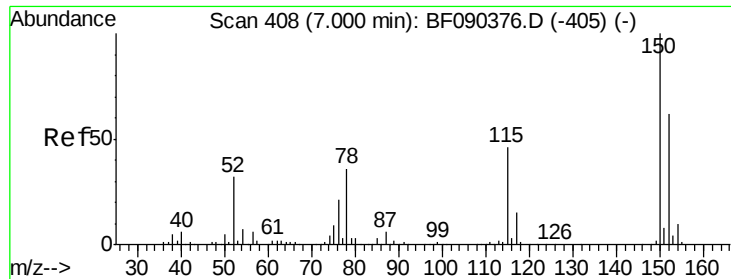
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.33	196	80819m	26.74	ng	
45) 1,1'-Biphenyl	9.50	154	511316	39.28	ng	97
46) 2-Chloronaphthalene	9.53	162	383873	39.91	ng	# 77
47) 2-Nitroaniline	9.61	65	156094	41.13	ng	91
48) Acenaphthylene	9.96	152	698862	44.04	ng	# 66
49) Dimethylphthalate	9.79	163	533910	47.45	ng	# 90
50) 2,6-Dinitrotoluene	9.87	165	166309	66.58	ng	90
51) Acenaphthene	10.13	154	545690	55.14	ng	# 75
52) 3-Nitroaniline	10.02	138	144761	49.61	ng	# 69
54) Dibenzofuran	10.30	168	632241	49.36	ng	# 41
55) 4-Nitrophenol	10.19	139	389370	152.50	ng	# 37
57) Fluorene	10.66	166	795177	73.87	ng	# 81
58) 2,3,4,6-Tetrachlorophenol	10.44	232	71291m	31.59	ng	
59) Diethylphthalate	10.50	149	338857m	29.11	ng	
60) 4-Chlorophenyl-phenylether	10.63	204	159899	32.67	ng	# 44
61) 4-Nitroaniline	10.63	138	89773	30.53	ng	91
62) Azobenzene	10.79	77	461417	34.32	ng	# 33
66) 4-Bromophenyl-phenylether	11.13	248	166102	46.26	ng	# 66
67) Hexachlorobenzene	11.23	284	102567	25.65	ng	# 57
68) Atrazine	11.27	200	170733	56.41	ng	73
69) Pentachlorophenol	11.39	266	148166	62.25	ng	100
70) Phenanthrene	11.62	178	2588971m	138.03	ng	
71) Anthracene	11.66	178	1168694m	61.01	ng	
72) Carbazole	11.80	167	581965	32.70	ng	# 85
73) Di-n-butylphthalate	12.12	149	798212	36.86	ng	98
74) Fluoranthene	12.80	202	1747834	95.00	ng	88
76) Benzidine	12.89	184	297952	23.28	ng	# 87
77) Pyrene	13.01	202	2175118	67.02	ng	96
79) Butylbenzylphthalate	13.61	149	508248	30.52	ng	98
80) Benzo(a)anthracene	14.18	228	1619432	59.30	ng	98
81) 3,3'-Dichlorobenzidine	14.14	252	257646	26.02	ng	# 99
82) Chrysene	14.22	228	1461479	58.15	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	832879	35.18	ng	# 97
84) Di-n-octyl phthalate	14.78	149	1221315	34.80	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.22	276	1067361	59.56	ng	98
87) Benzo(b)fluoranthene	15.25	252	2101110m	74.94	ng	
88) Benzo(k)fluoranthene	15.29	252	897104m	34.06	ng	
89) Benzo(a)pyrene	15.63	252	1517445	62.79	ng	# 95
90) Dibenzo(a,h)anthracene	17.23	278	701572	34.12	ng	# 94
91) Benzo(g,h,i)perylene	17.68	276	830100	42.07	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

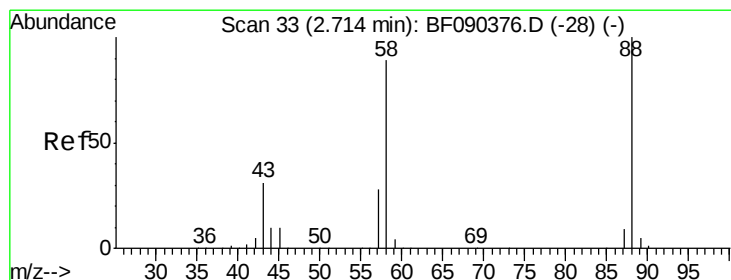
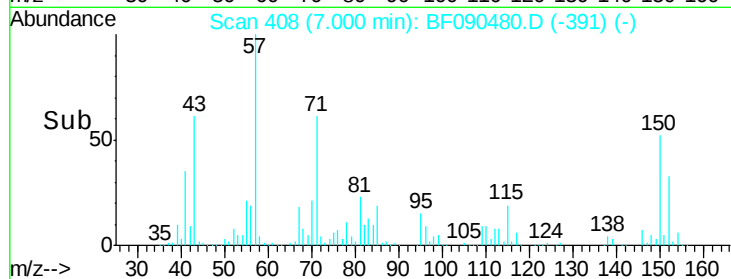
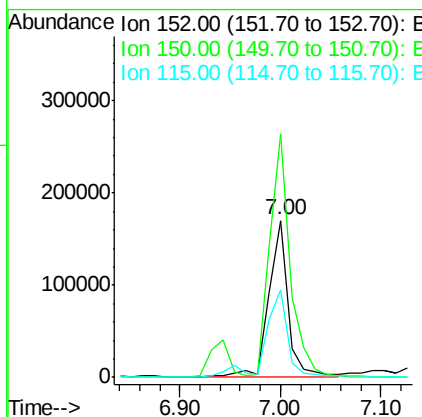
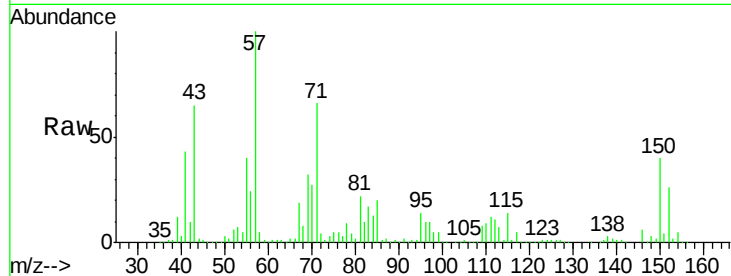
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:	152	Resp:	223454
Ion Ratio	Lower	Upper	
152	100		
150	155.0	124.6	186.8
115	55.7	46.2	69.4

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#2

1,4-Dioxane

Concen: 24.32 ng

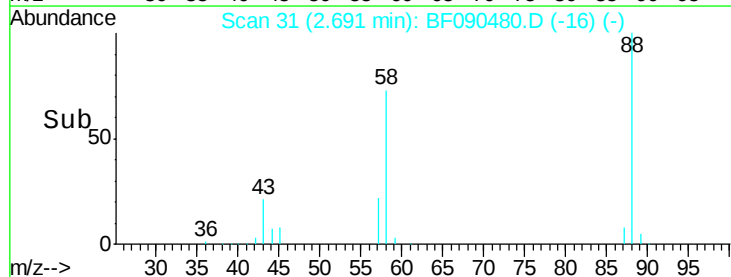
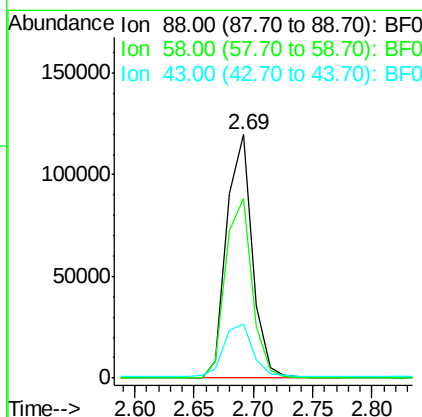
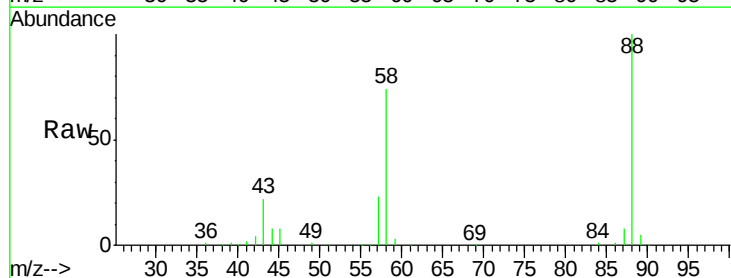
RT: 2.69 min Scan# 31

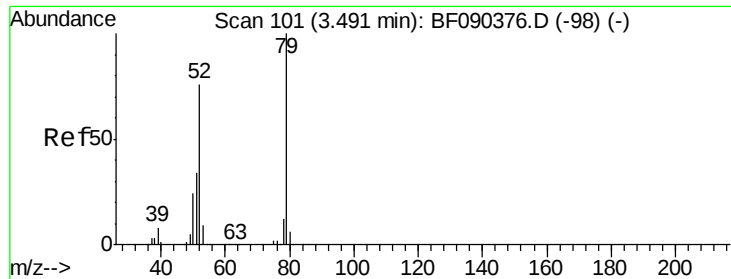
Delta R.T. -0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:	88	Resp:	179504
Ion Ratio	Lower	Upper	
88	100		
58	77.1	71.2	106.8
43	24.7	29.8	44.6#





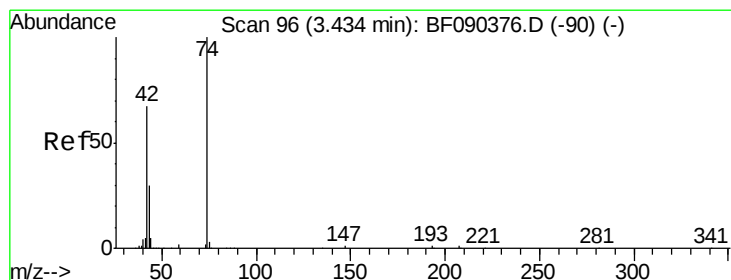
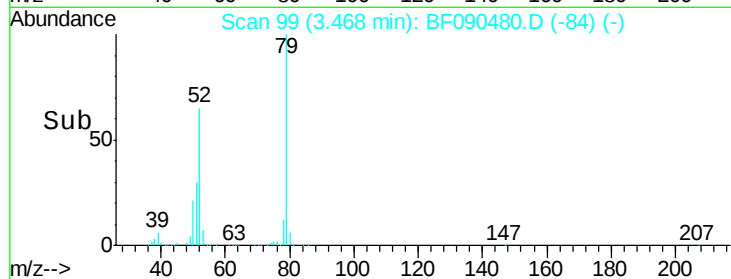
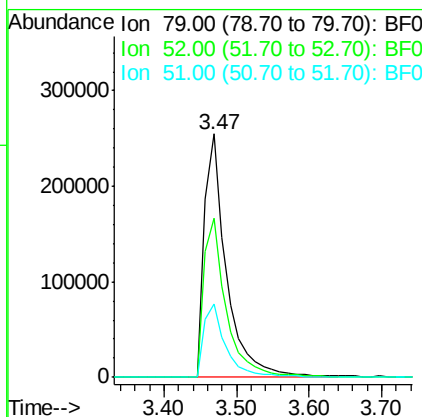
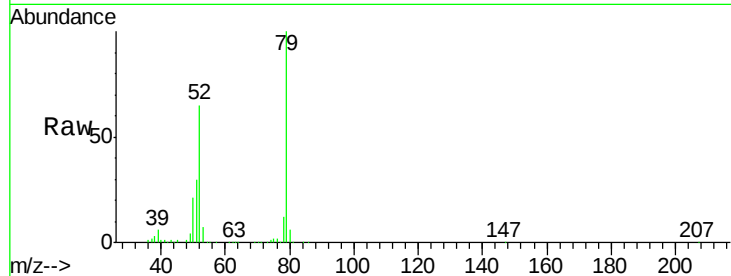
#3
 Pyridine
 Concen: 26.32 ng
 RT: 3.47 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.2	71.3	106.9#
51	30.0	34.5	51.7#

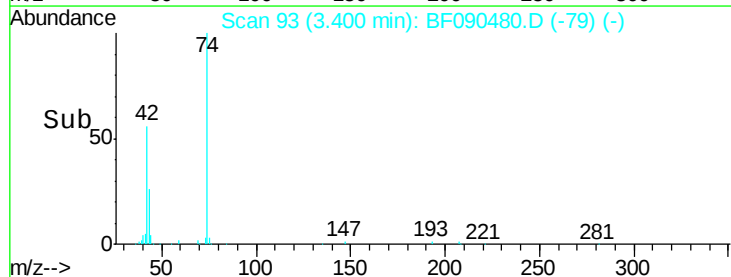
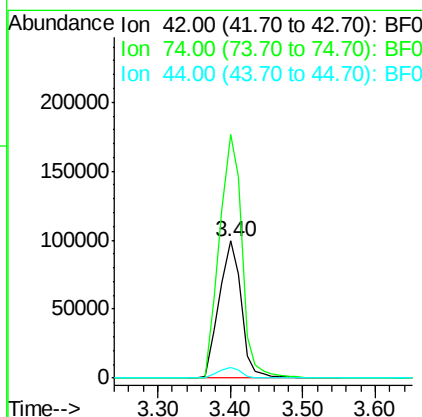
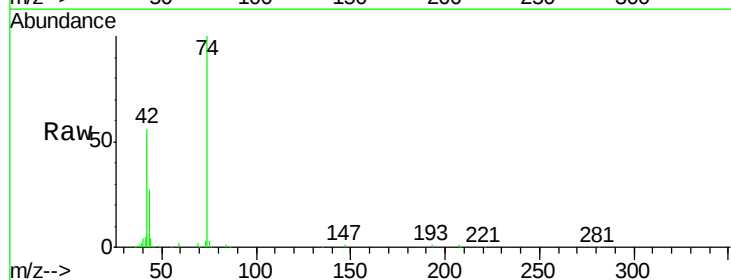
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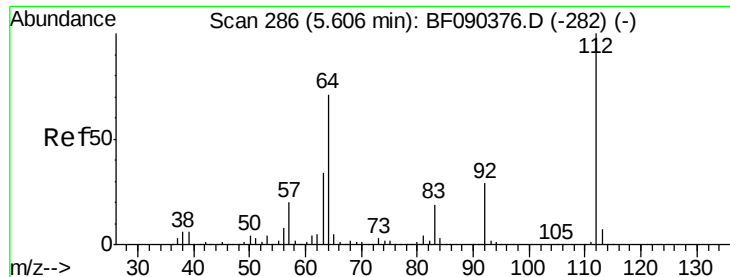
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#4
 n-Nitrosodimethylamine
 Concen: 25.10 ng
 RT: 3.40 min Scan# 93
 Delta R.T. -0.03 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	178.0	88.9	133.3#
44	7.5	6.5	9.7





#5

2-Fluorophenol

Concen: 82.93 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

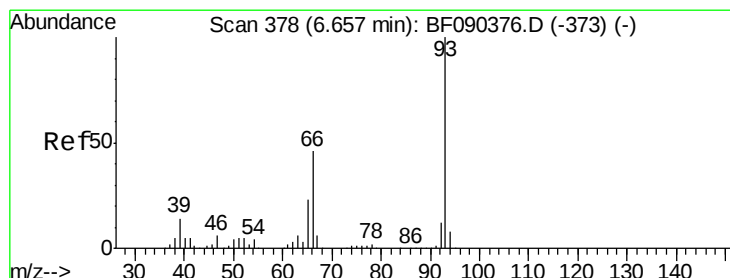
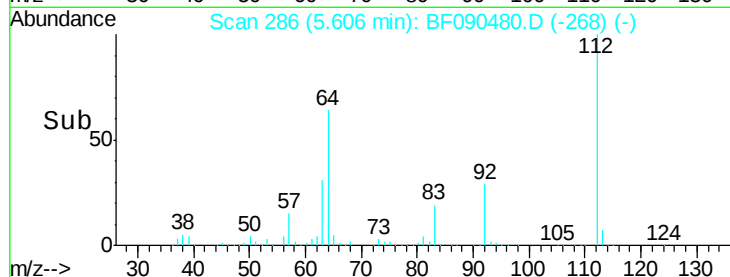
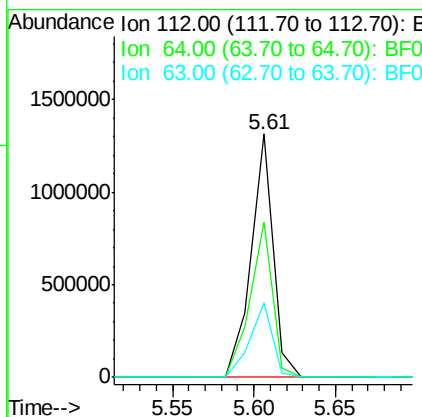
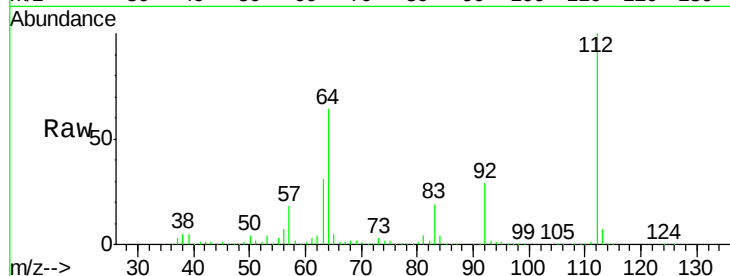
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:	112	Resp:	1241634
Ion Ratio	Lower	Upper	
112	100		
64	63.8	57.9	86.9
63	30.7	29.6	44.4

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#6

Aniline

Concen: 16.85 ng

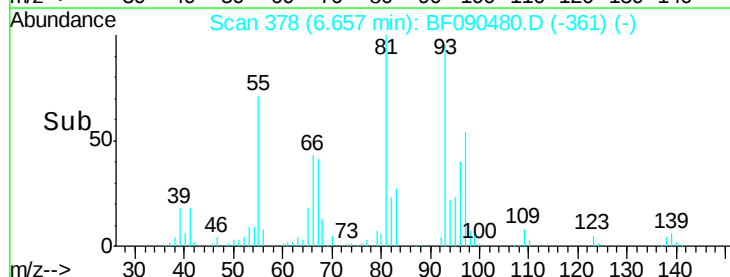
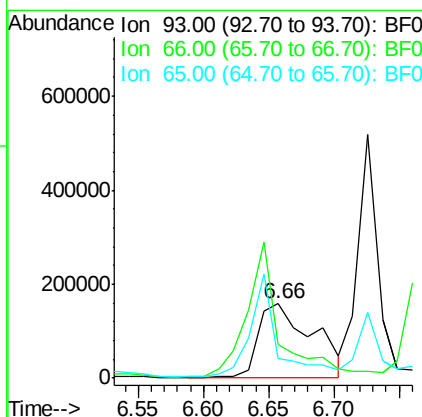
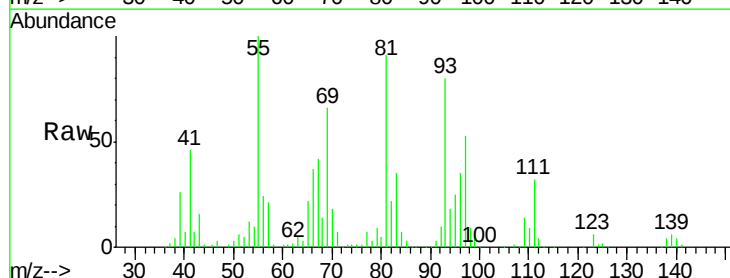
RT: 6.66 min Scan# 378

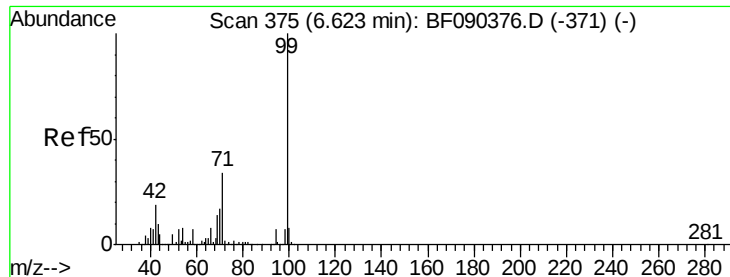
Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:	93	Resp:	456380
Ion Ratio	Lower	Upper	
93	100		
66	45.7	34.5	51.7
65	27.2	18.2	27.2





#7

Phenol-d6

Concen: 91.81 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

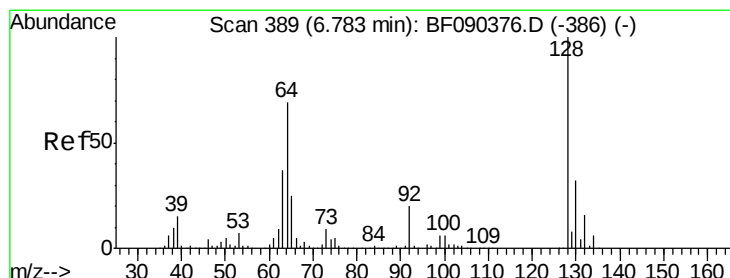
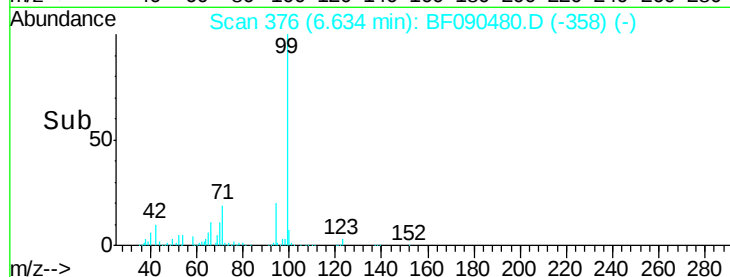
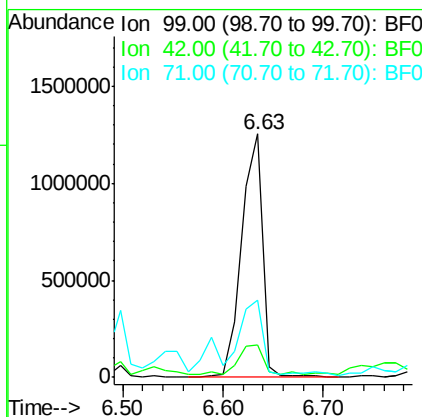
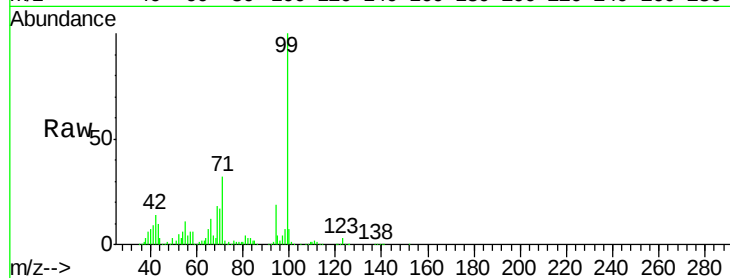
MJSB-16(6.5-8.5)MSD

Tgt Ion: 99 Resp: 1800432

Ion	Ratio	Lower	Upper
99	100		
42	13.6	20.0	30.0#
71	31.7	27.9	41.9

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#8

2-Chlorophenol

Concen: 31.21 ng

RT: 6.78 min Scan# 389

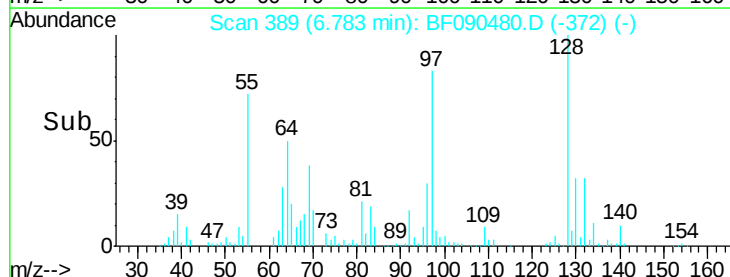
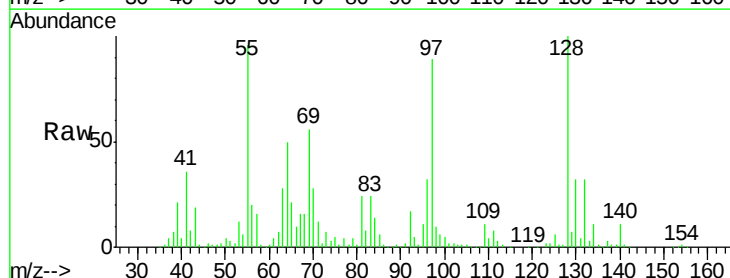
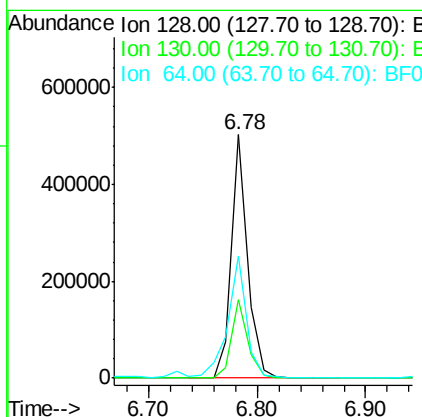
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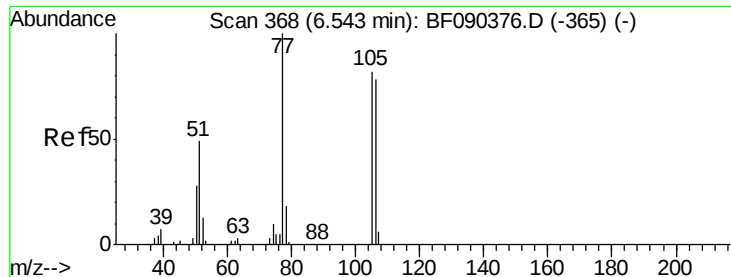
Lab File: BF090480.D

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Tgt Ion: 128 Resp: 514201

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.3	53.3
64	49.9	36.0	76.0





#9

Benzaldehyde

Concen: 21.51 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

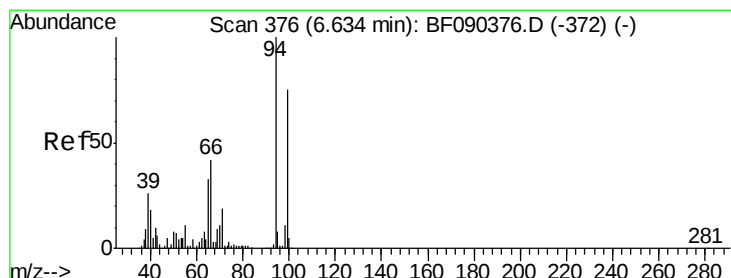
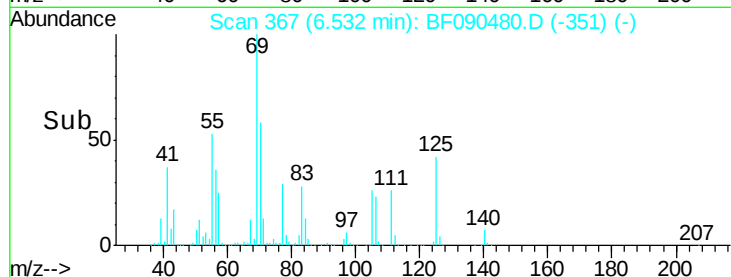
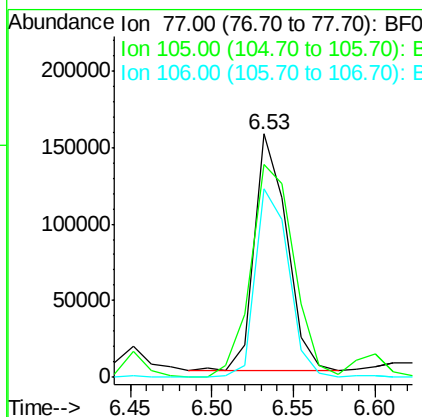
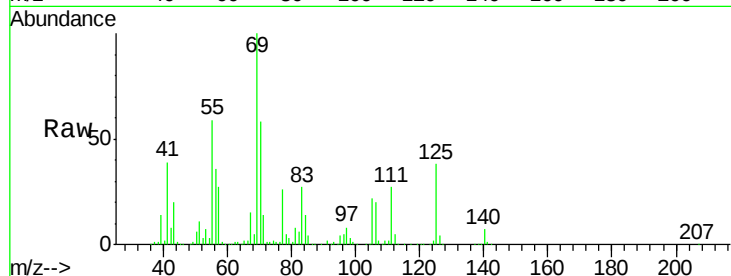
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	87.3	73.1	113.1
106	77.6	70.2	110.2

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#10

Phenol

Concen: 34.02 ng

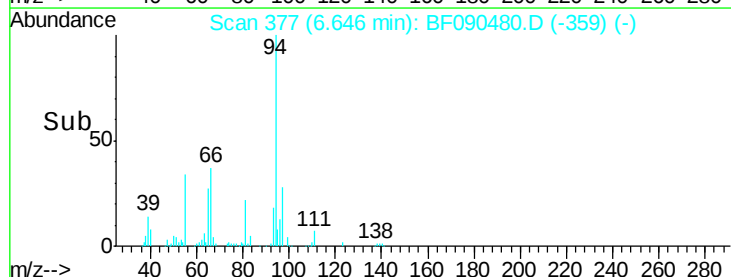
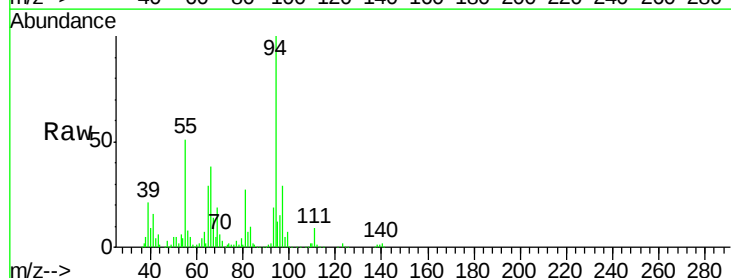
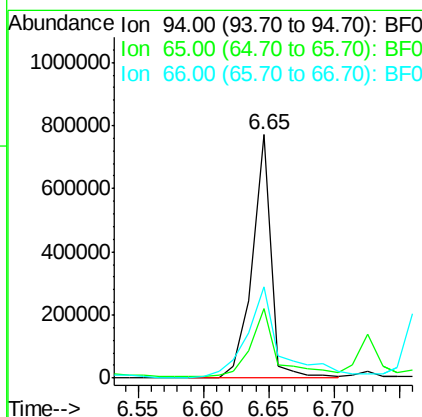
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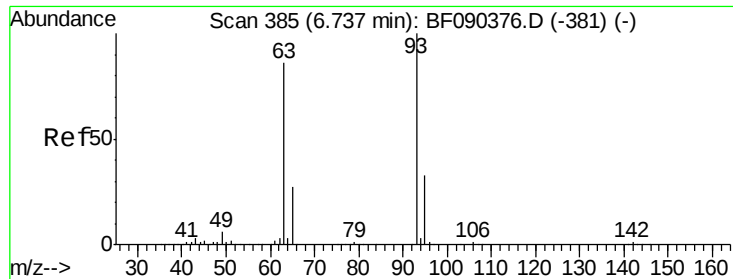
Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	13.3	53.3
66	37.5	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 33.31 ng

RT: 6.73 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion: 93 Resp: 581383

Ion Ratio Lower Upper

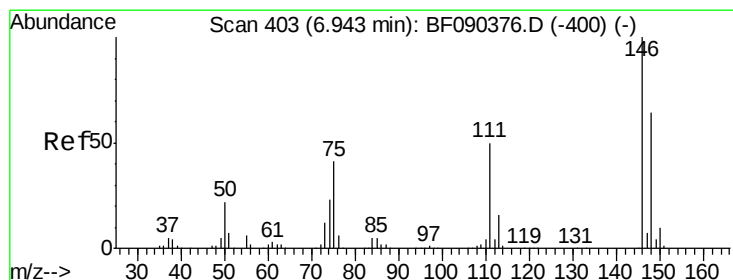
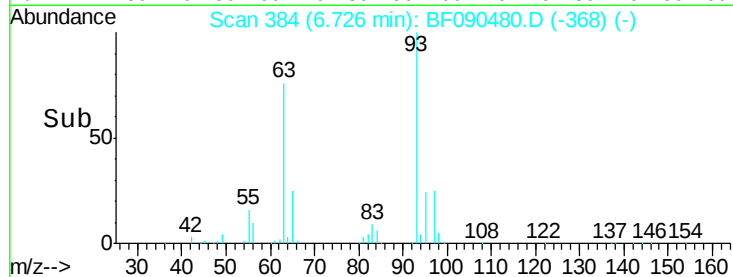
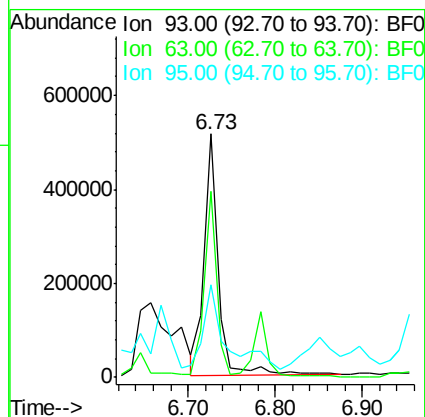
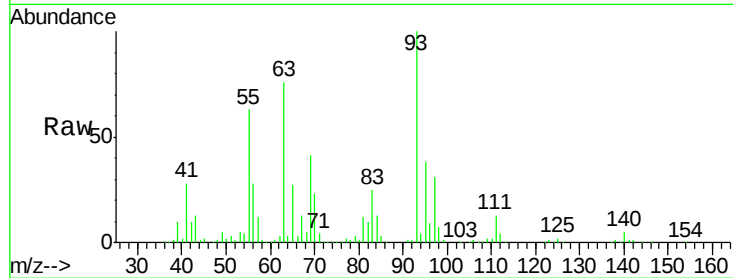
93 100

63 76.5 59.7 99.7

95 38.0 14.0 54.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 31.60 ng

RT: 6.94 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

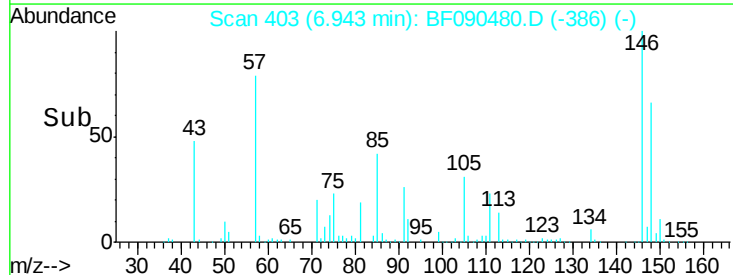
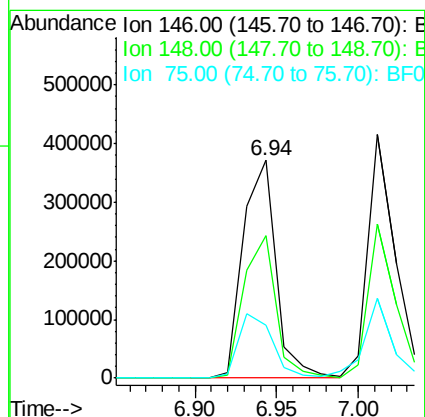
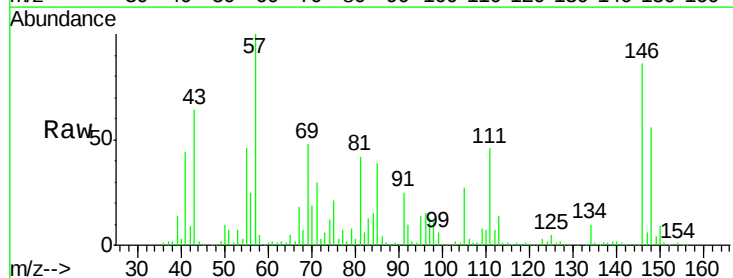
Tgt Ion: 146 Resp: 519072

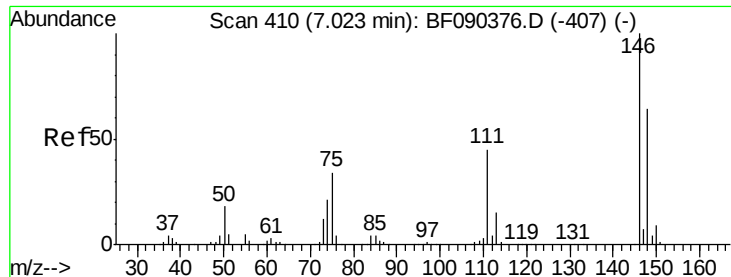
Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.4

75 24.4 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 29.20 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

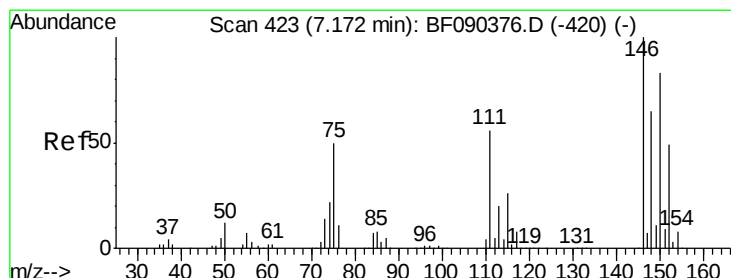
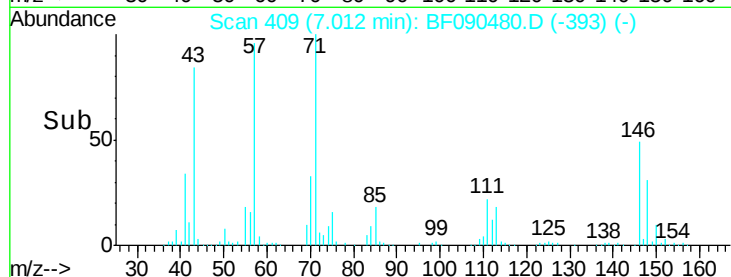
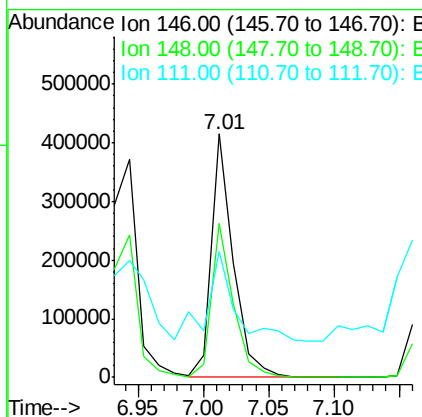
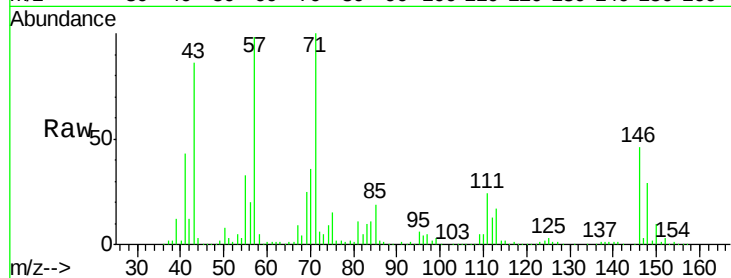
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	51.6	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 28.31 ng m

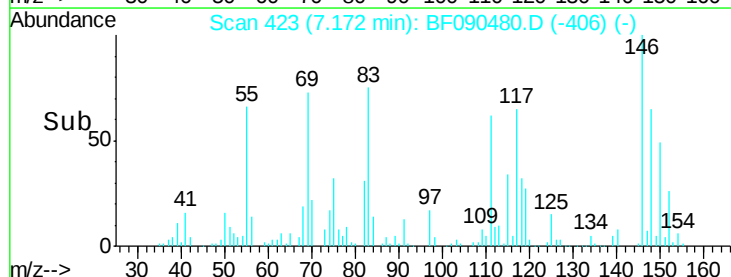
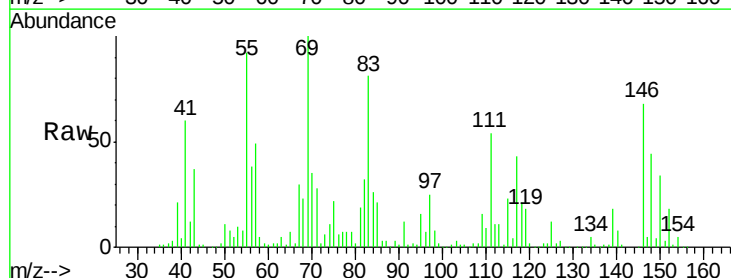
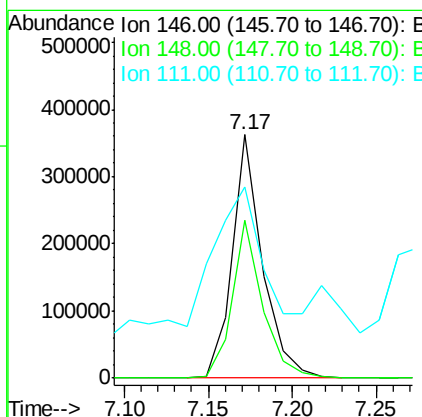
RT: 7.17 min Scan# 423

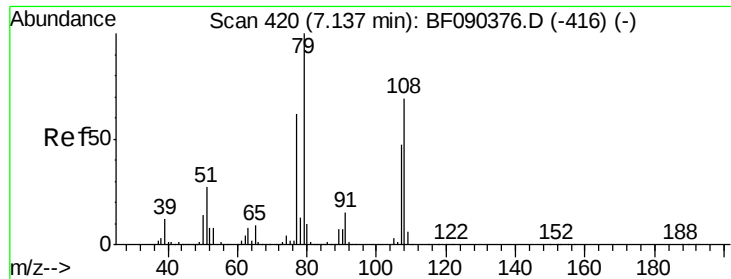
Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	78.6	38.2	57.4#





#15

Benzyl Alcohol

Concen: 34.06 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

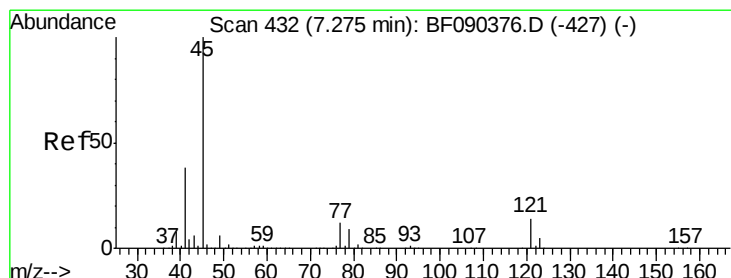
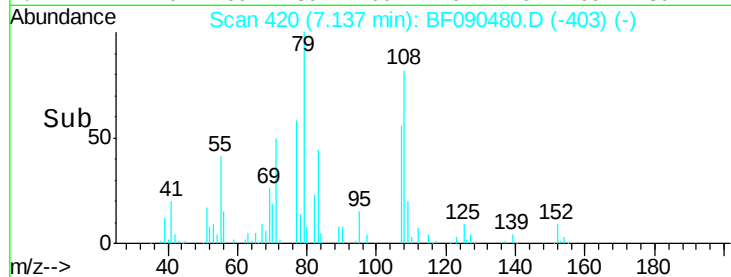
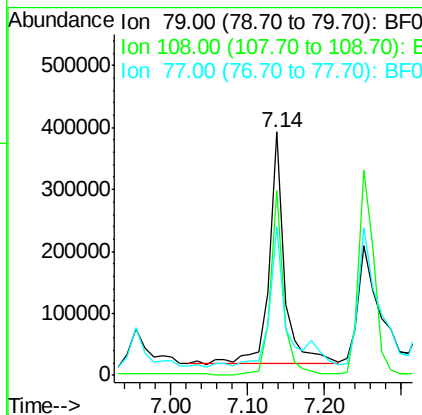
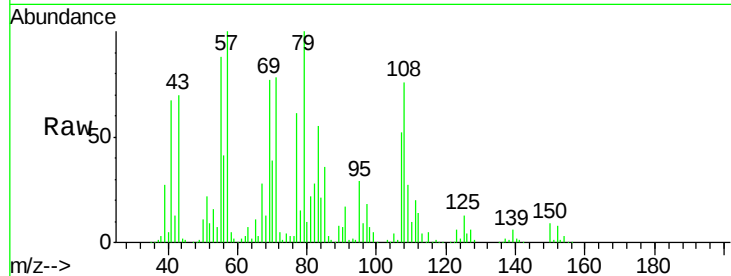
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:	79	Resp:	507812
Ion Ratio	Lower	Upper	
79	100		
108	76.0	60.9	91.3
77	61.3	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.83 ng

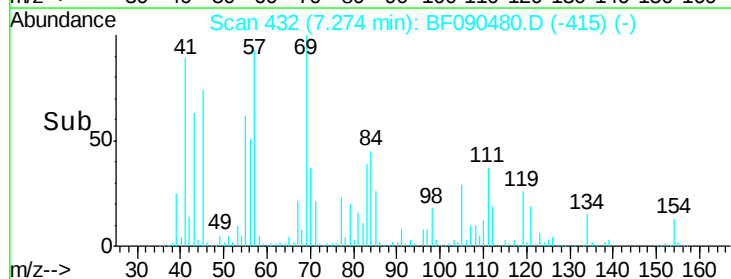
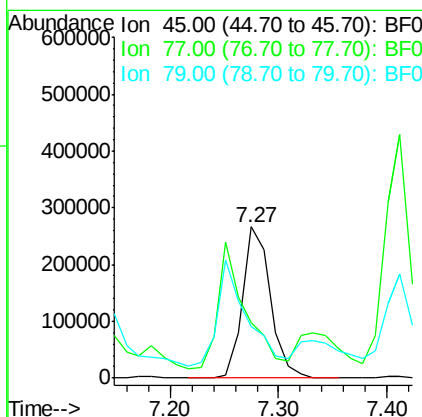
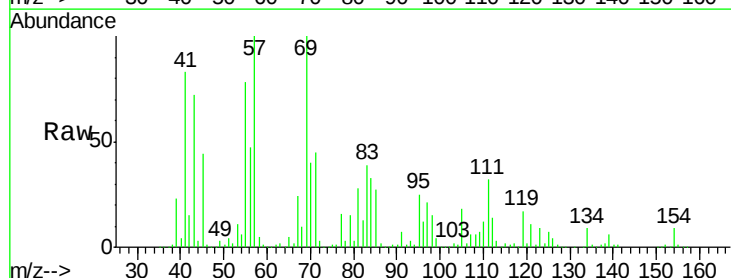
RT: 7.27 min Scan# 432

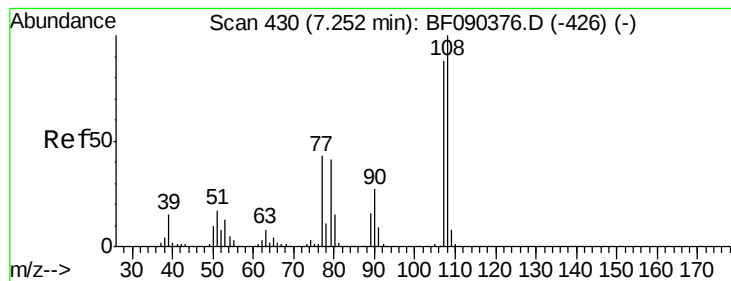
Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

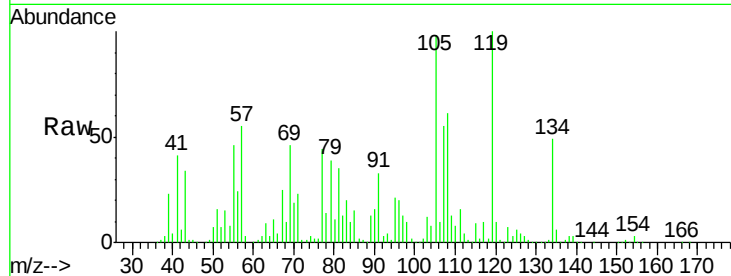
Tgt Ion:	45	Resp:	468680
Ion Ratio	Lower	Upper	
45	100		
77	37.0	0.0	30.8#
79	34.5	0.0	28.2#





#17
2-Methylphenol
Concen: 29.86 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

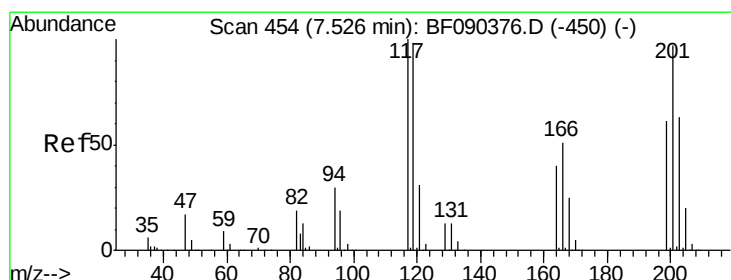
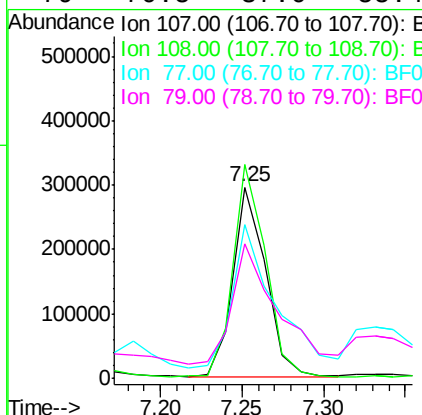
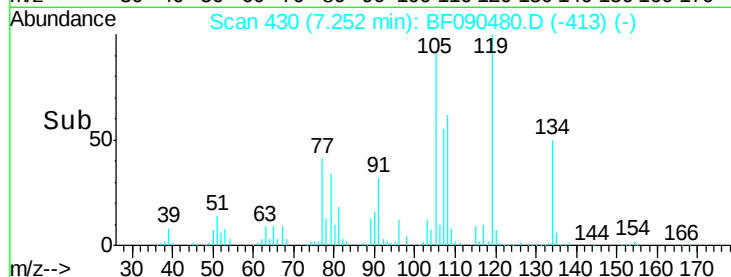
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	404605		
108	111.8	90.9	136.3	
77	80.5	38.2	57.4#	
79	70.5	37.0	55.4#	

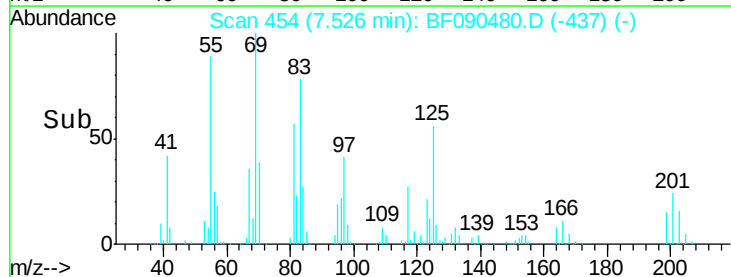
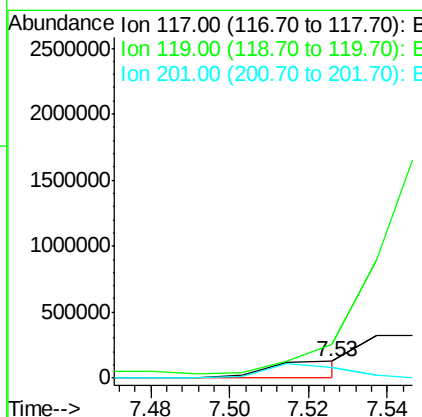
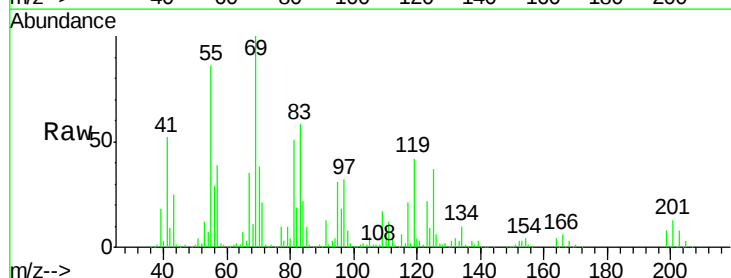
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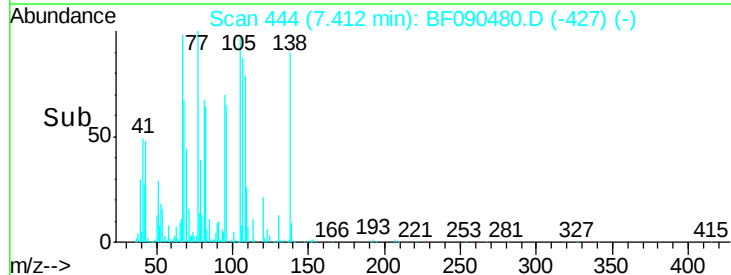
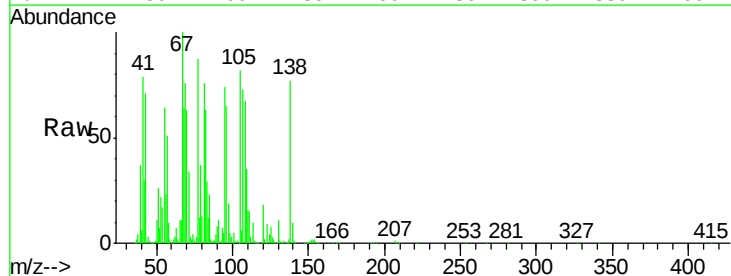
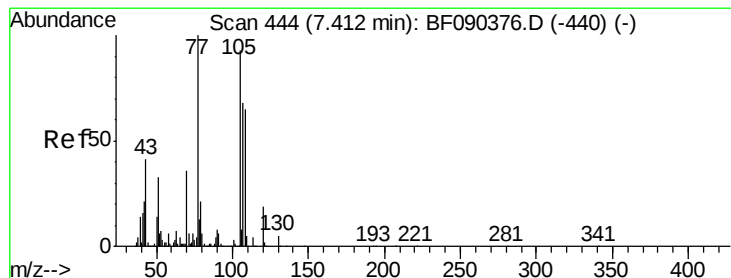
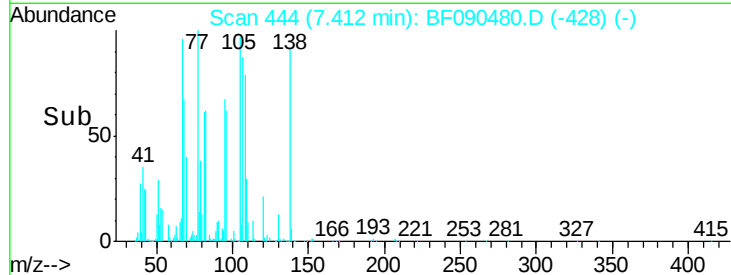
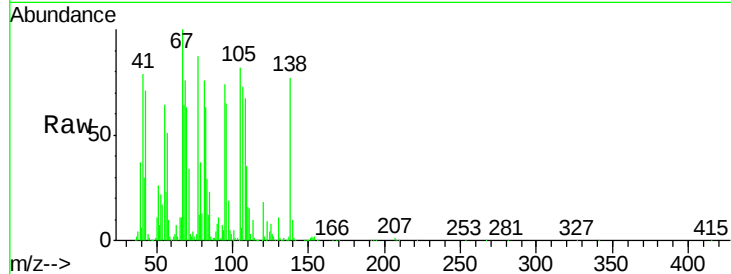
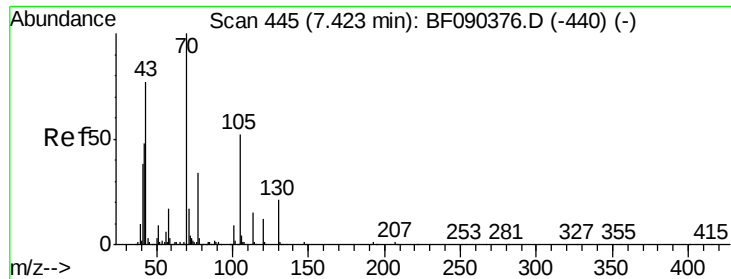
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#18
Hexachloroethane
Concen: 28.02 ng m
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	184269		
119	202.1	75.9	113.9#	
201	61.8	66.5	99.7#	





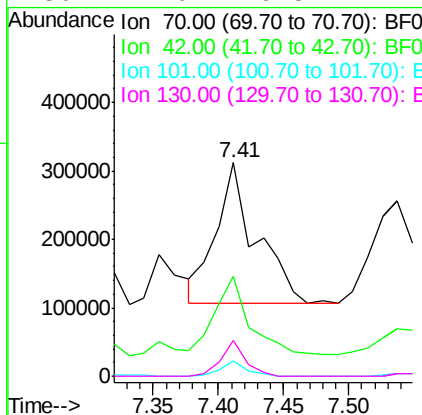
#19
n-Nitroso-di-n-propylamine
Concen: 30.97 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.8	55.4	83.2#
101	7.2	7.6	11.4#
130	17.0	16.5	24.7

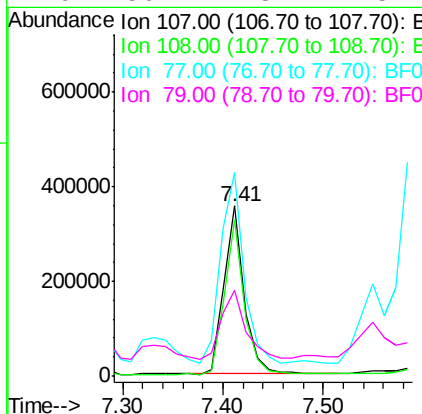
Manual Integrations
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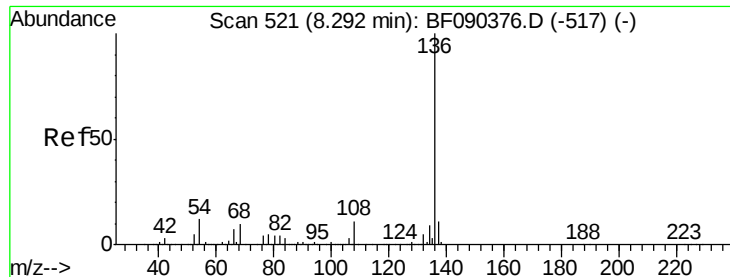
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#20
3+4-Methylphenols
Concen: 28.11 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	66.7	106.7
77	119.2	53.7	93.7#
79	50.7	8.4	48.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:136 Resp: 531518
Ion Ratio Lower Upper

136 100

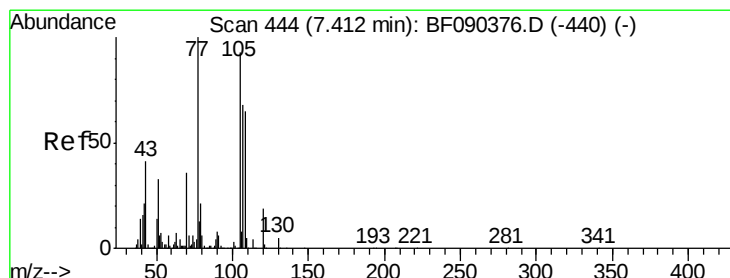
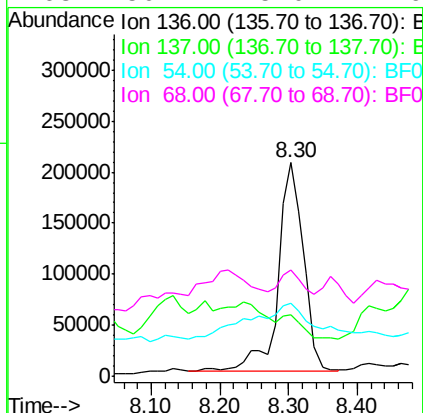
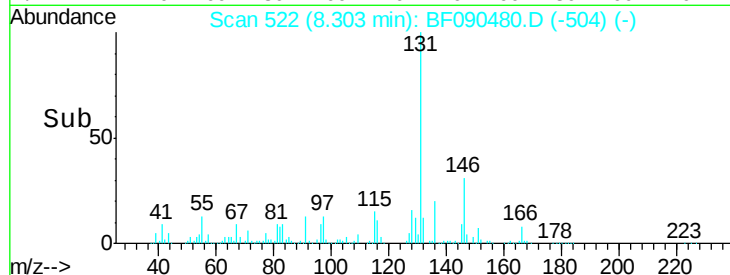
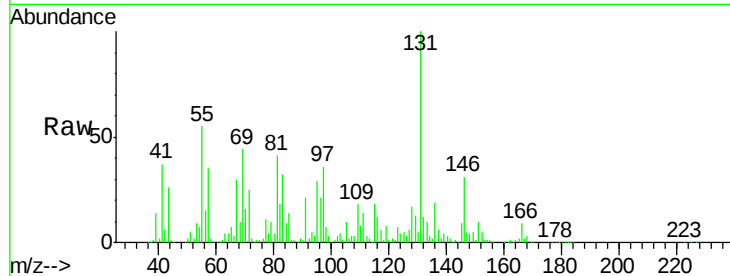
137 28.7 9.0 13.6#

54 34.0 6.6 10.0#

68 50.1 5.0 7.6#

Manual Integrations
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#22

Acetophenone

Concen: 51.54 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

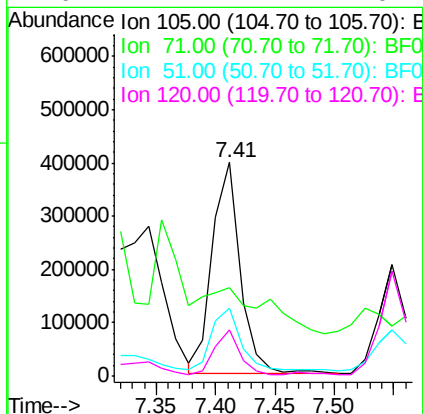
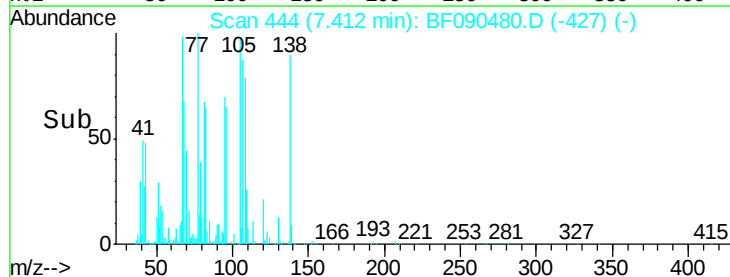
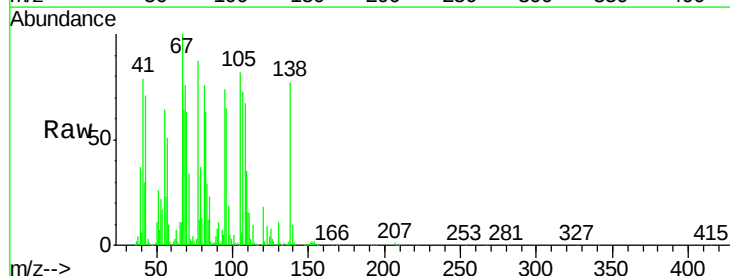
Tgt Ion:105 Resp: 648867
Ion Ratio Lower Upper

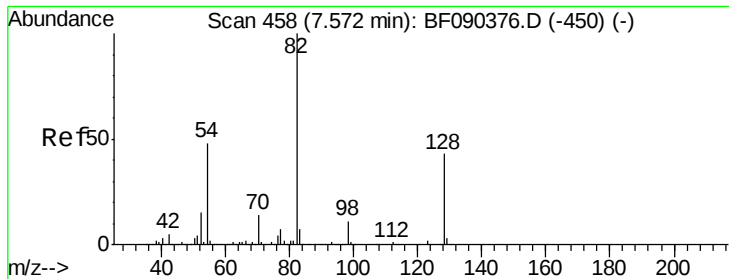
105 100

71 41.5 3.8 5.6#

51 31.6 28.2 42.4

120 21.7 17.4 26.2





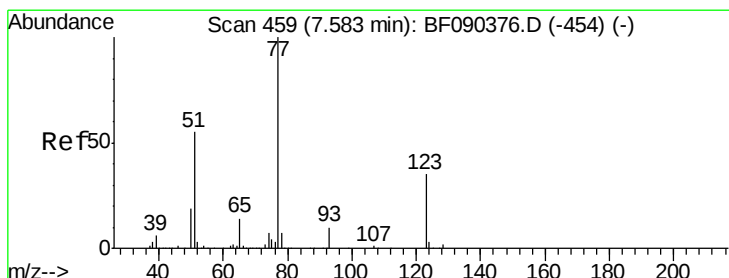
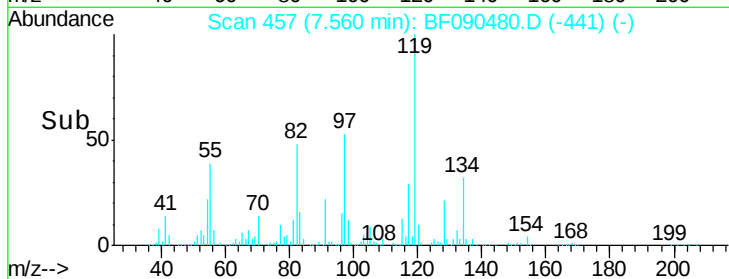
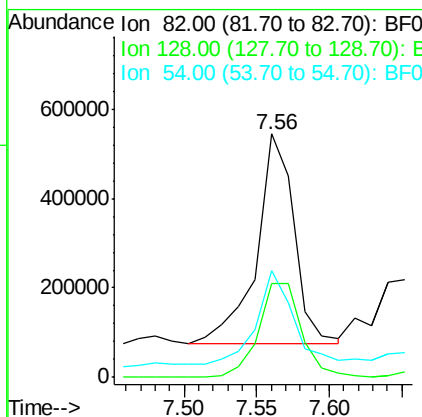
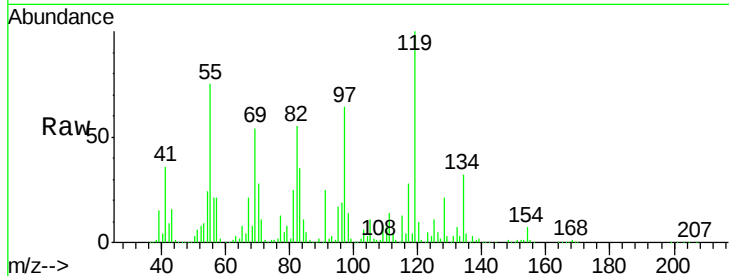
#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.0	60.0#
54	43.8	42.6	64.0

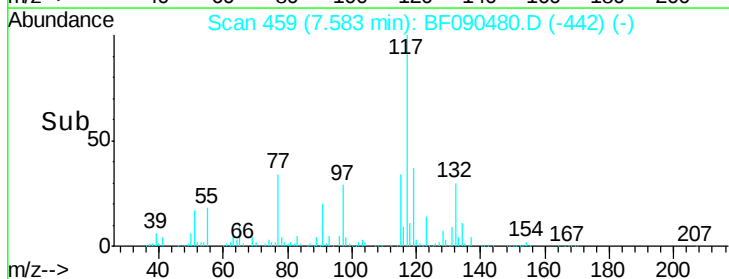
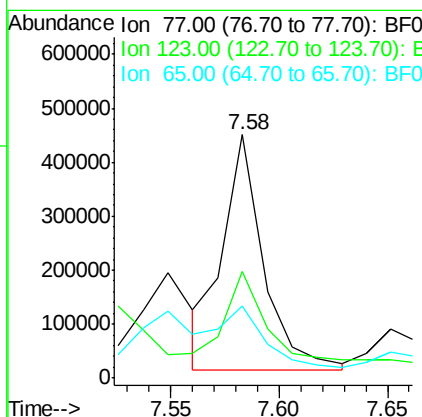
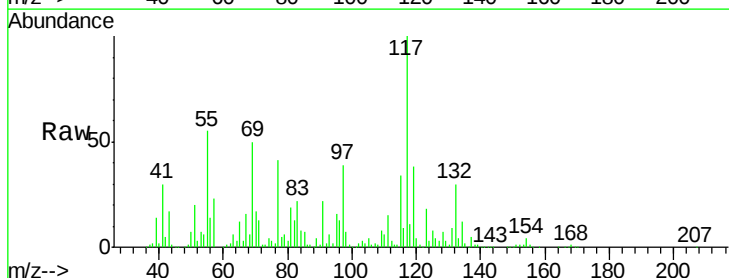
Manual Integrations
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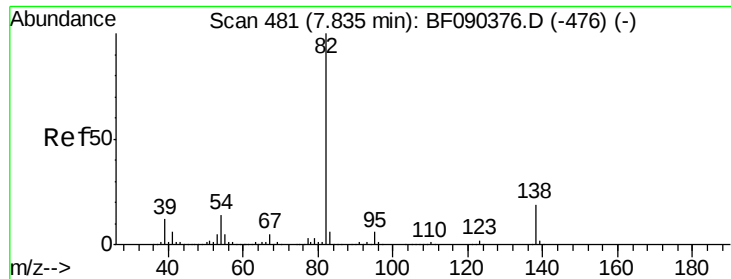
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#24
 Nitrobenzene
 Concen: 52.15 ng m
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.0	49.4
65	29.7	12.0	18.0#





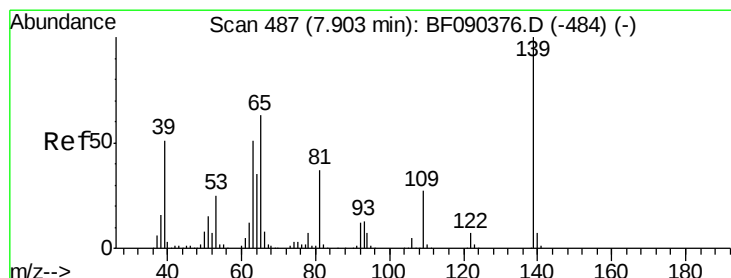
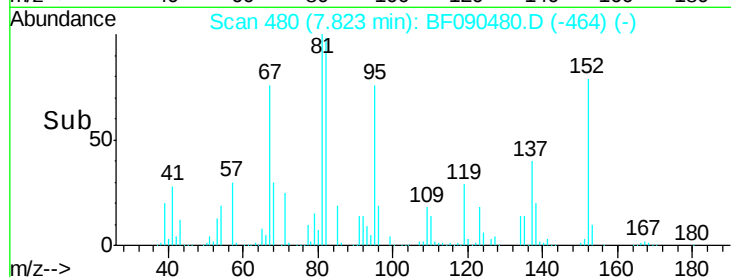
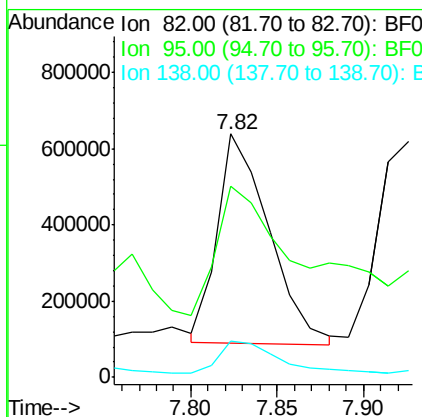
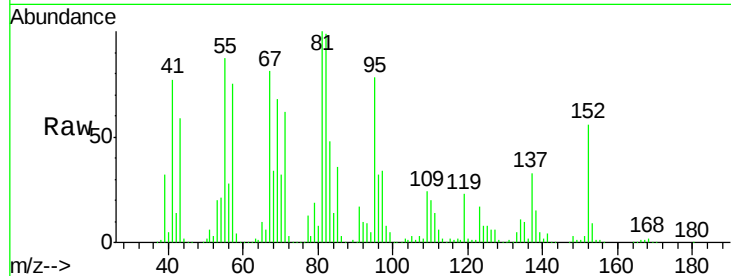
#25
Isophorone
Concen: 57.08 ng m
RT: 7.82 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion: 82 Resp: 1140403
Ion Ratio Lower Upper
82 100
95 78.5 5.2 7.8#
138 15.1 13.0 19.4

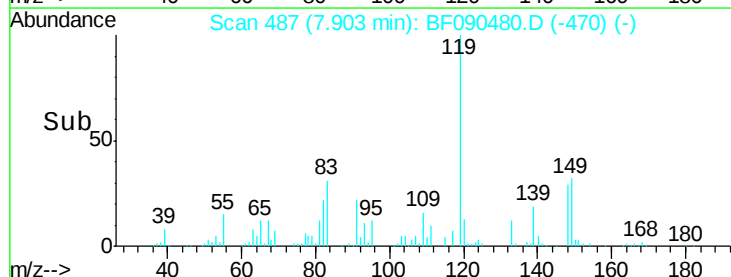
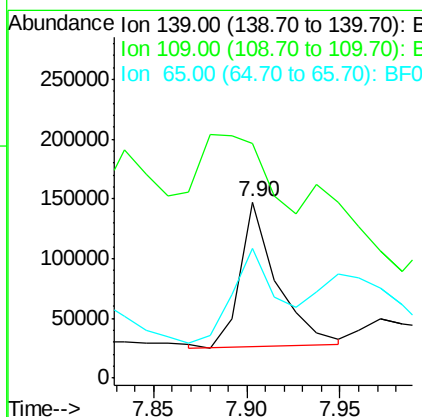
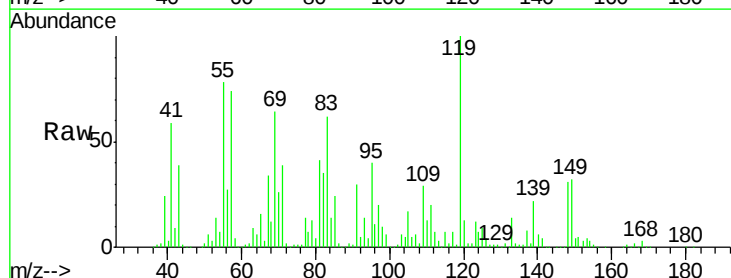
Manual Integrations
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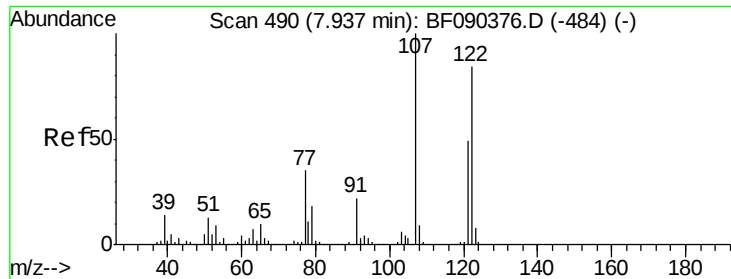
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#26
2-Nitrophenol
Concen: 36.18 ng
RT: 7.90 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion: 139 Resp: 168922
Ion Ratio Lower Upper
139 100
109 133.4 18.9 28.3#
65 73.7 31.6 47.4#





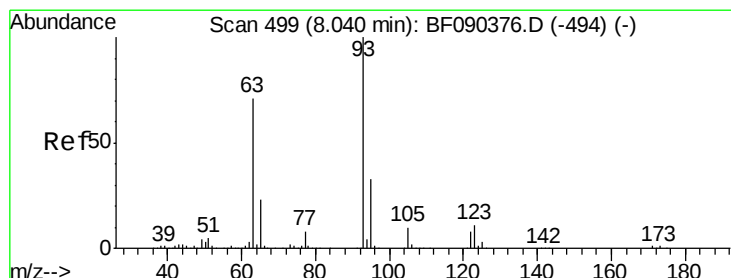
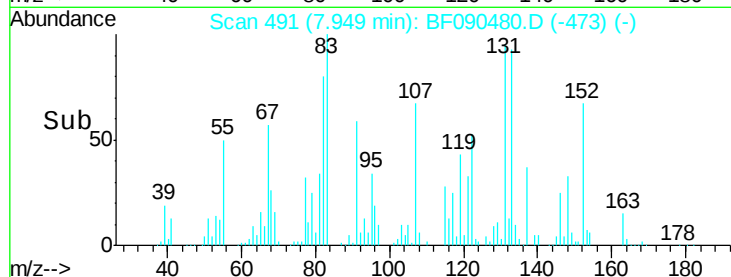
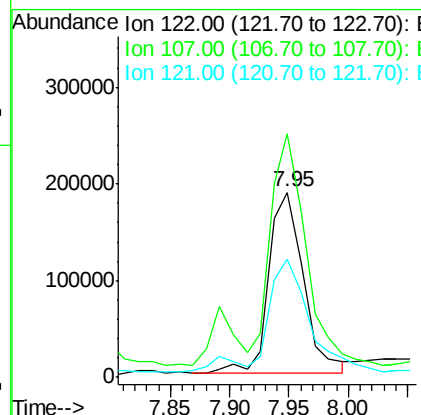
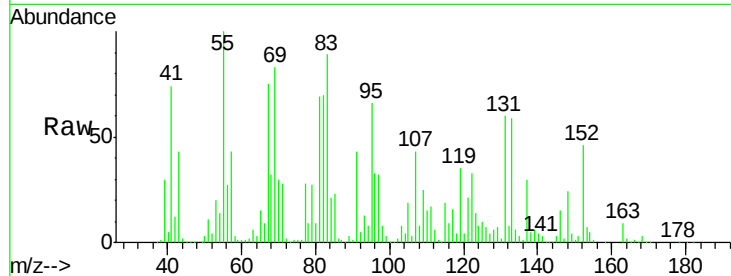
#27
 2,4-Dimethylphenol
 Concen: 41.63 ng
 RT: 7.95 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	377976		
107	131.5	88.6	132.8	
121	64.1	47.5	71.3	

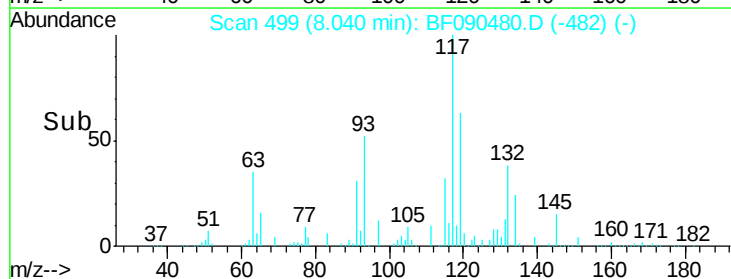
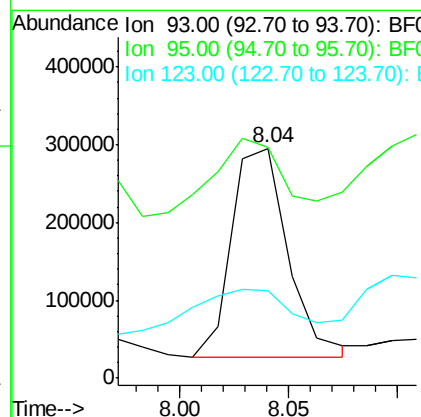
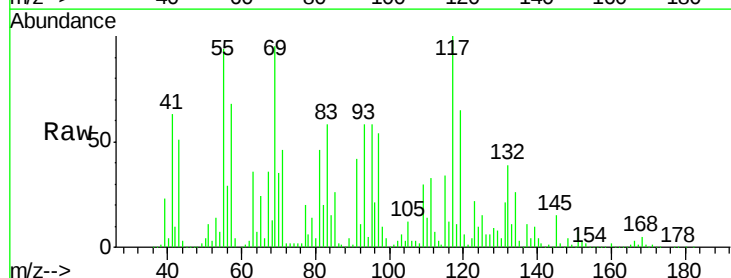
Manual Integrations
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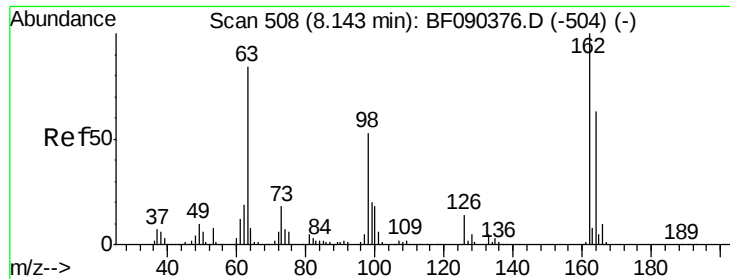
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.26 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	487514		
95	100.6	27.0	40.4#	
123	38.0	11.1	16.7#	





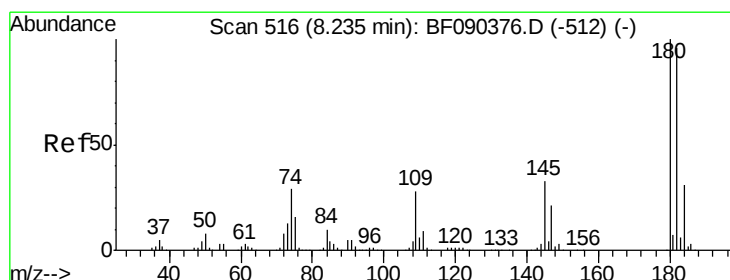
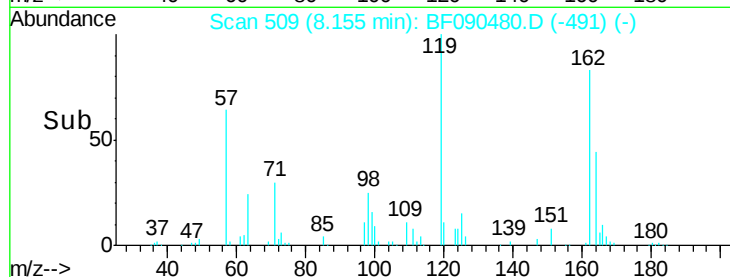
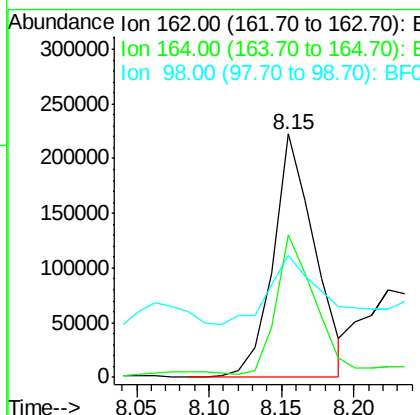
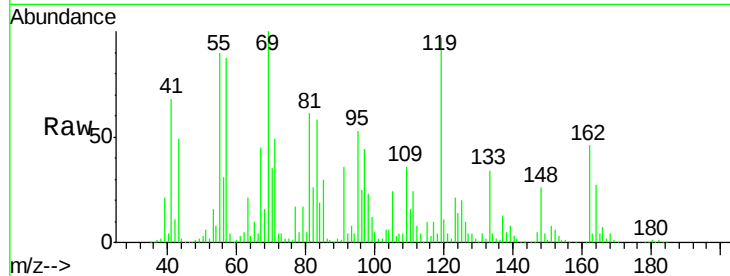
#29
2,4-Dichlorophenol
Concen: 62.95 ng
RT: 8.15 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	58.5	45.7	85.7
98	50.2	13.3	53.3

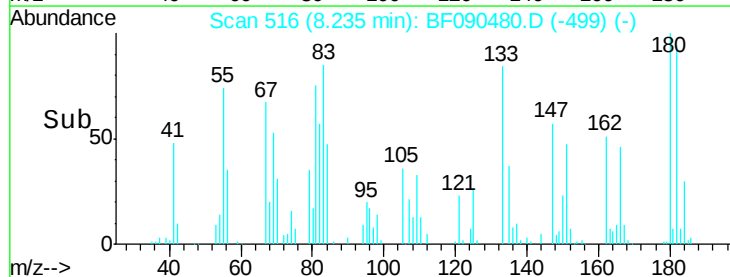
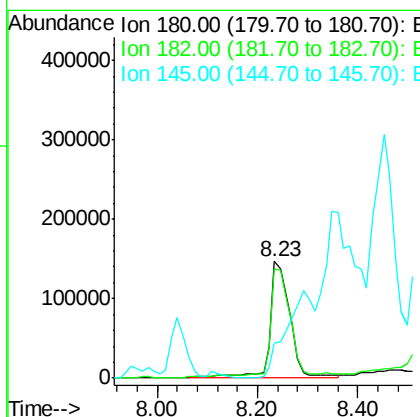
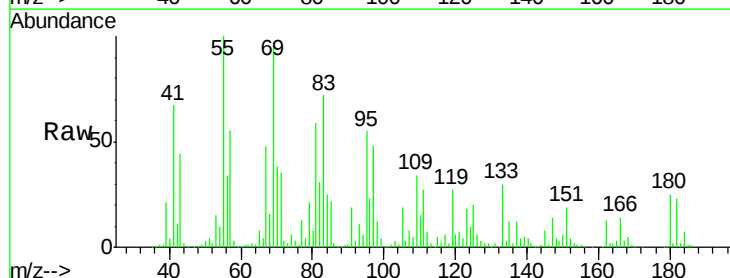
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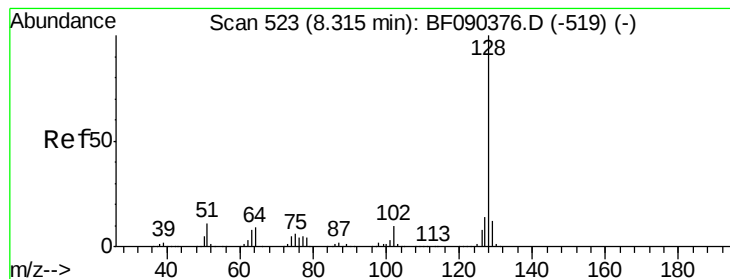
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#30
1,2,4-Trichlorobenzene
Concen: 55.33 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	75.3	112.9
145	30.4	27.7	41.5





#31

Naphthalene

Concen: 65.41 ng

RT: 8.33 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:128 Resp: 1677297

Ion Ratio Lower Upper

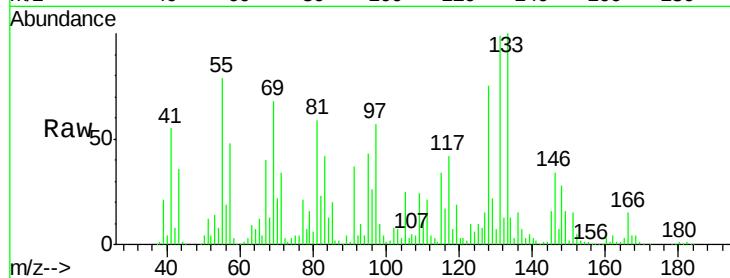
128 100

129 29.1 9.7 14.5#

127 19.8 11.7 17.5#

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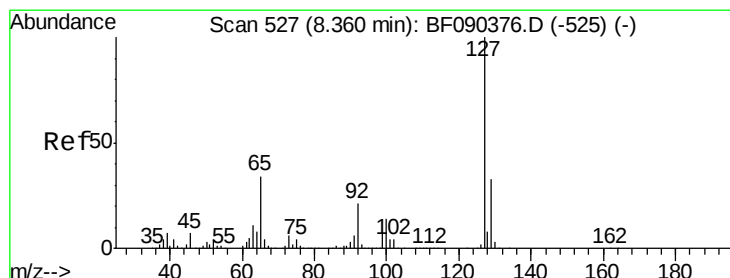
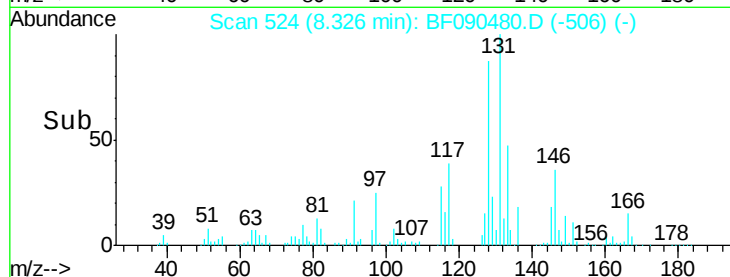
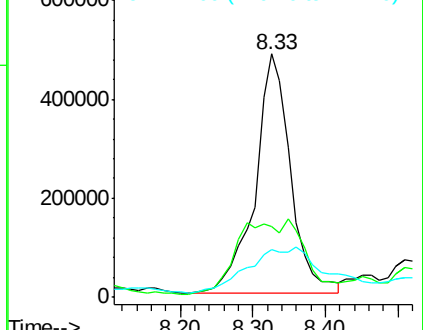
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 65.18 ng

RT: 8.36 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:127 Resp: 690801

Ion Ratio Lower Upper

127 100

129 132.7 26.2 39.4#

65 72.5 32.5 48.7#

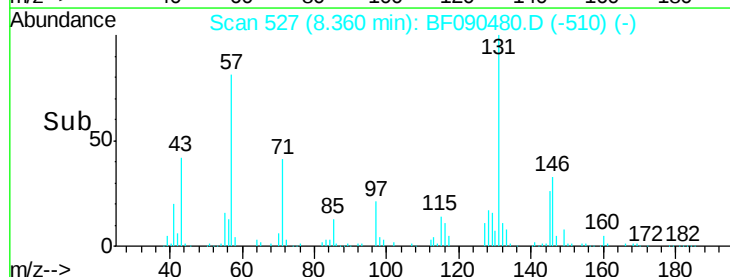
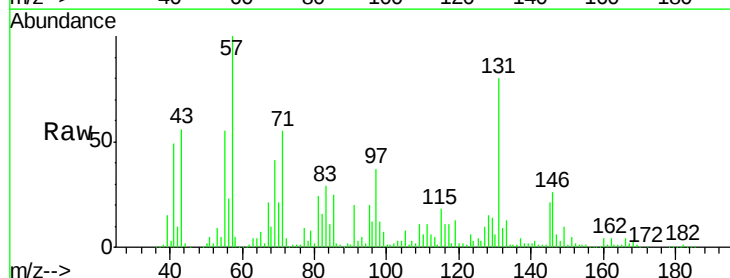
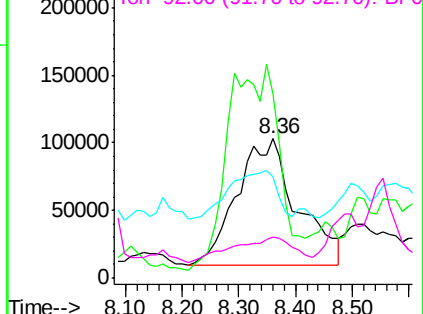
92 29.2 17.2 25.8#

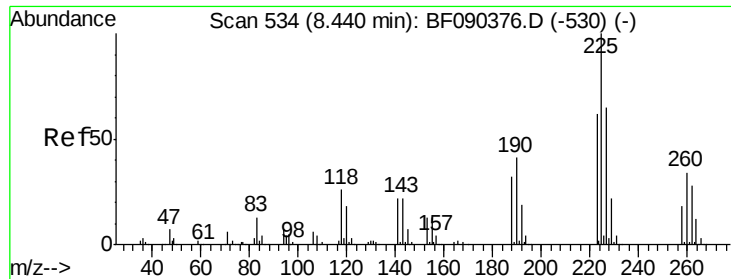
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





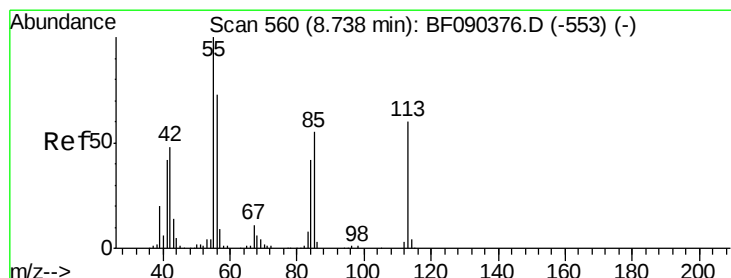
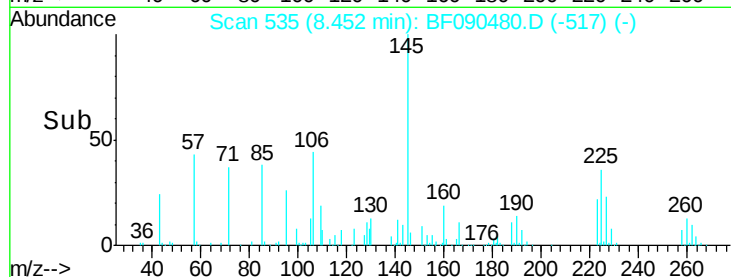
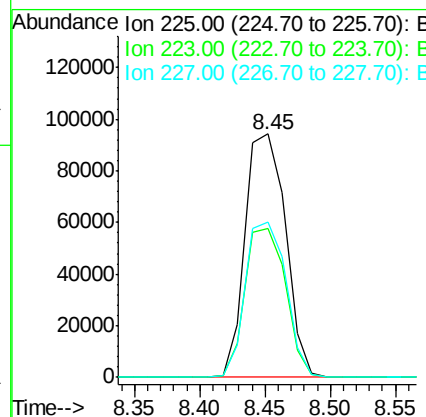
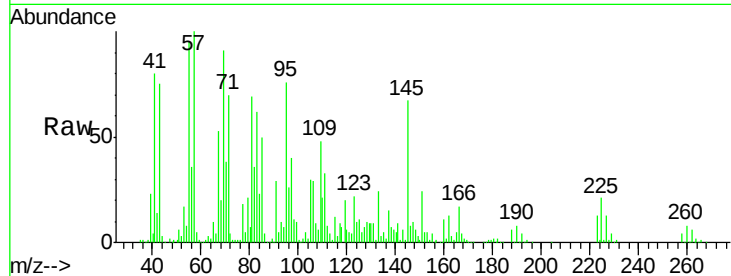
#34
Hexachlorobutadiene
Concen: 51.14 ng
RT: 8.45 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	203291		
223	61.4	51.0	76.4	
227	63.7	50.8	76.2	

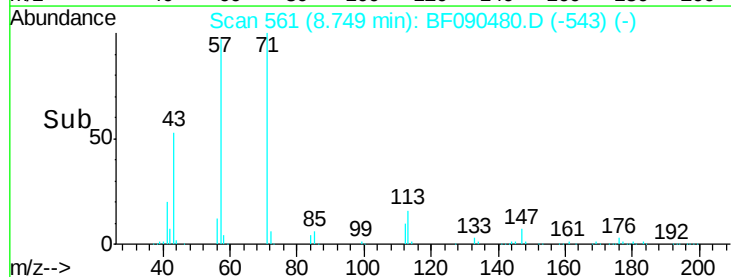
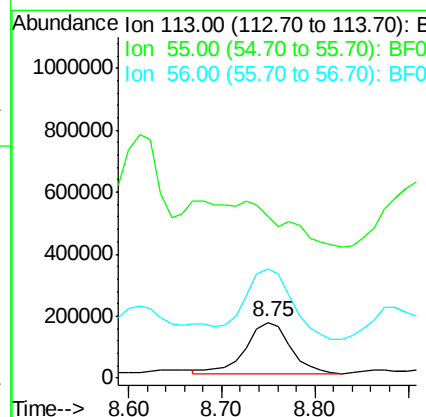
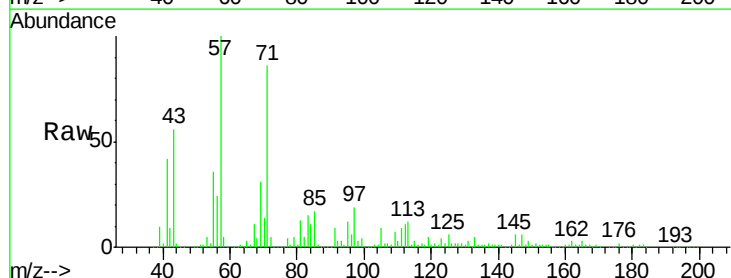
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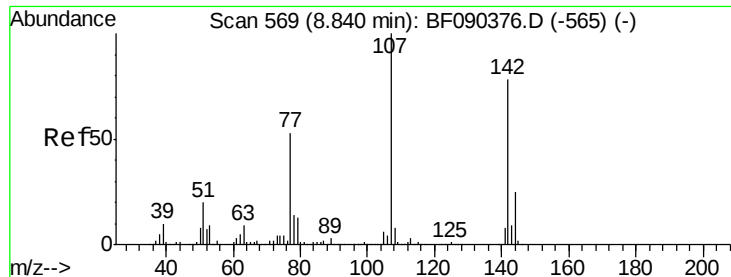
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#35
Caprolactam
Concen: 236.00 ng
RT: 8.75 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	547769		
55	287.5	203.3	243.3#	
56	195.8	140.5	180.5#	





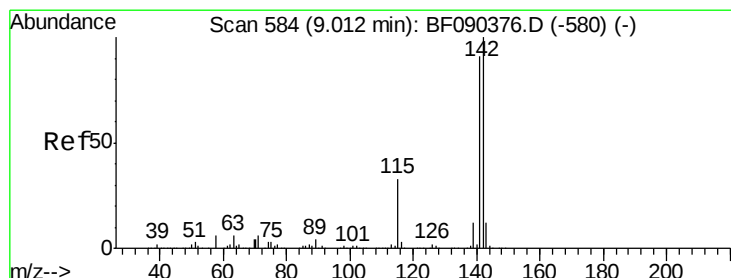
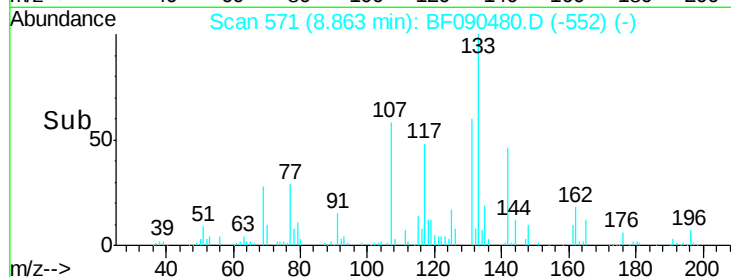
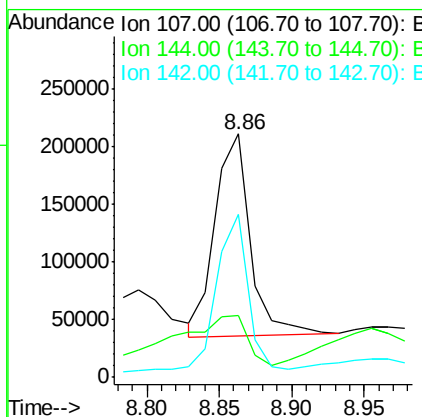
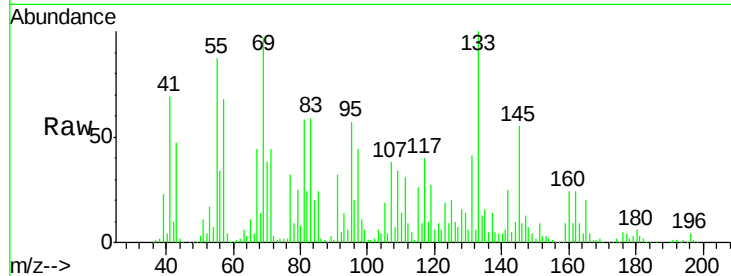
#36
 4-Chloro-3-methylphenol
 Concen: 34.39 ng
 RT: 8.86 min Scan# 571
 Delta R.T. 0.02 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	297238		
144	25.5	19.8	29.8	
142	66.9	60.7	91.1	

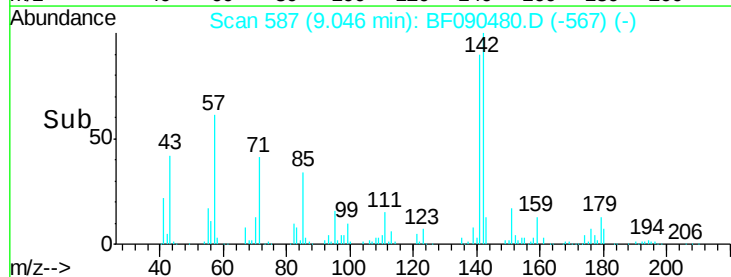
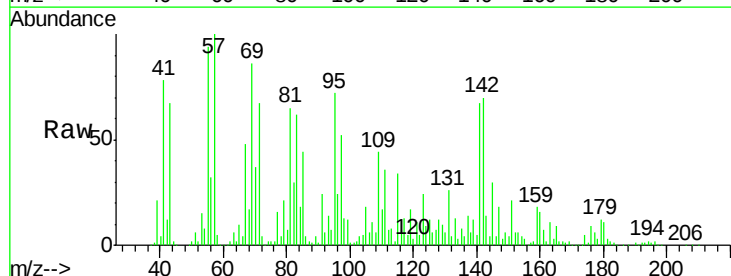
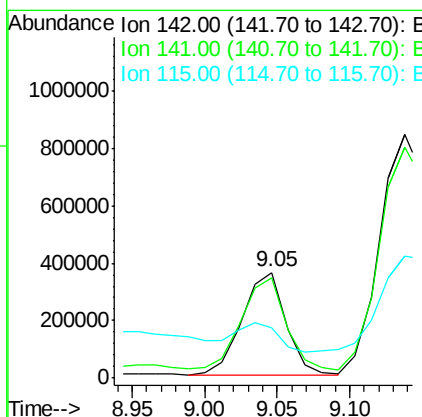
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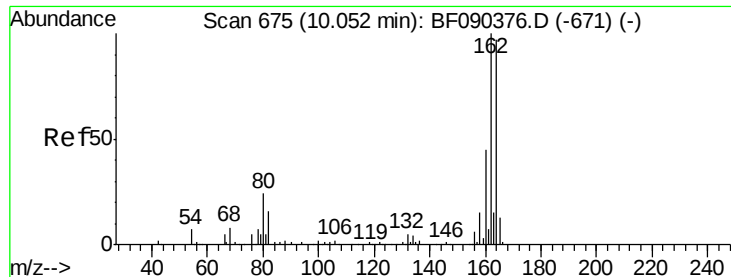
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#37
 2-Methylnaphthalene
 Concen: 48.21 ng
 RT: 9.05 min Scan# 587
 Delta R.T. 0.03 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	748361		
141	94.9	71.8	107.8	
115	47.7	28.8	43.2	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.10 min Scan# 679

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

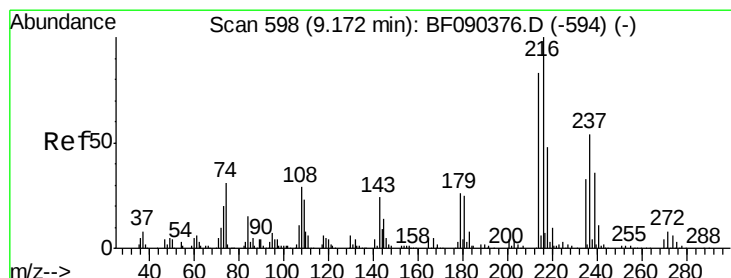
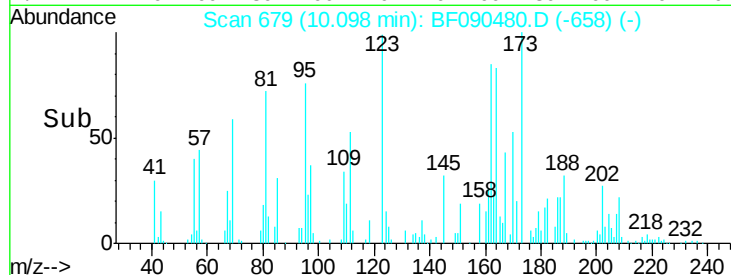
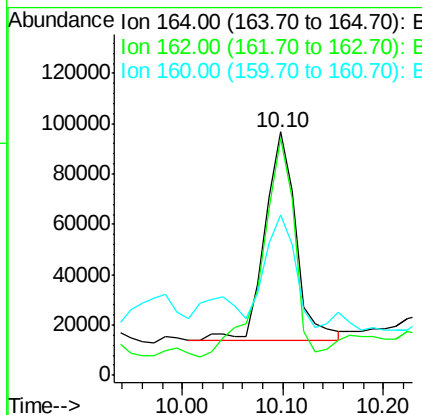
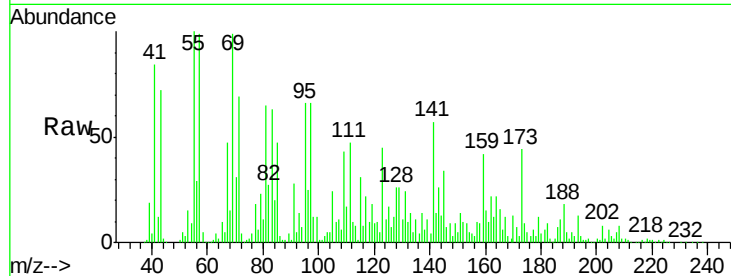
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:	164	Resp:	175684
Ion Ratio	Lower	Upper	
164	100		
162	97.6	80.1	120.1
160	66.0	36.3	54.5#

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.48 ng

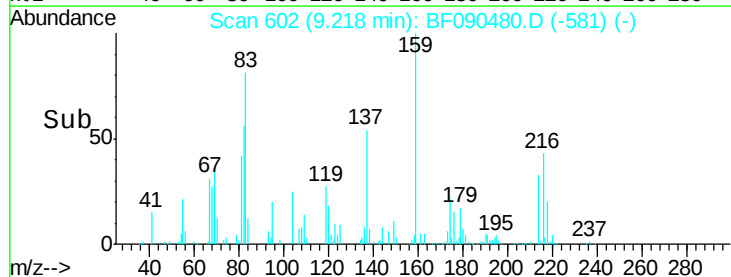
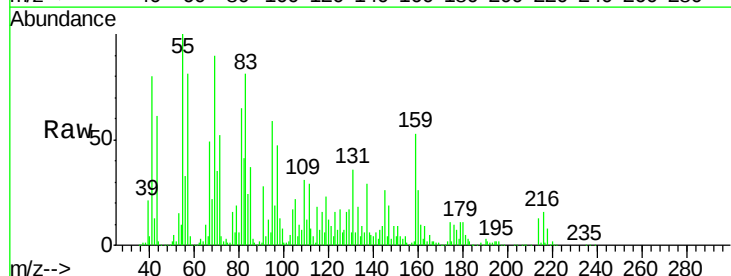
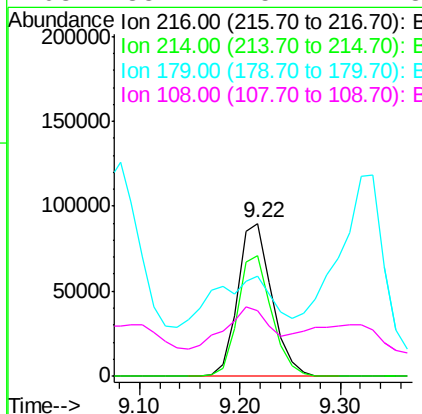
RT: 9.22 min Scan# 602

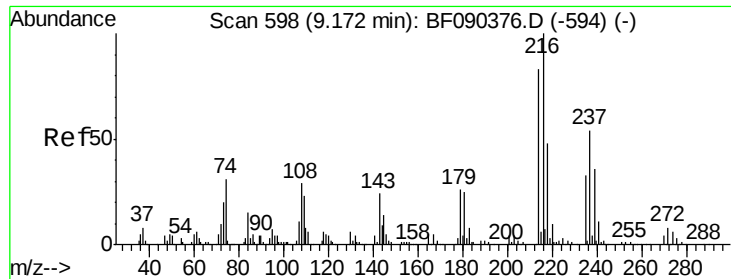
Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:	216	Resp:	210648
Ion Ratio	Lower	Upper	
216	100		
214	78.0	64.2	96.2
179	77.1	18.0	27.0#
108	35.4	15.2	22.8#





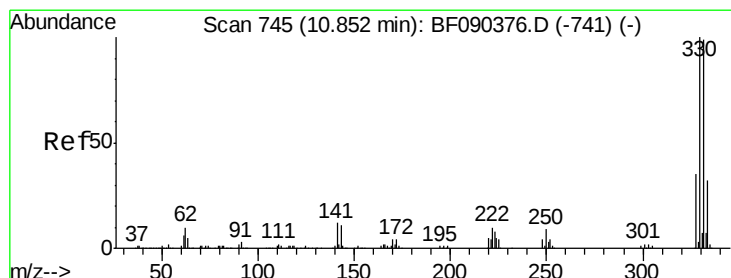
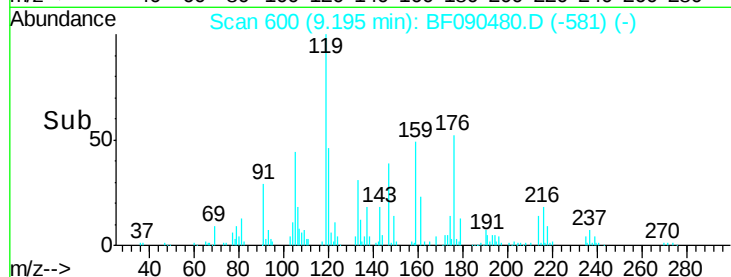
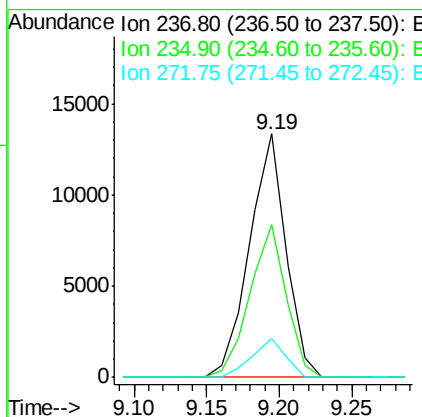
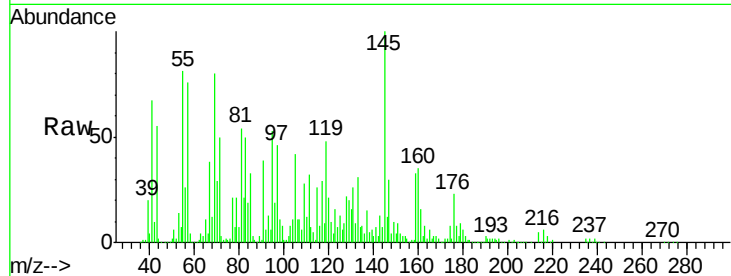
#40
Hexachlorocyclopentadiene
Concen: 9.15 ng
RT: 9.19 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	43.6	83.6
272	16.1	0.0	32.7

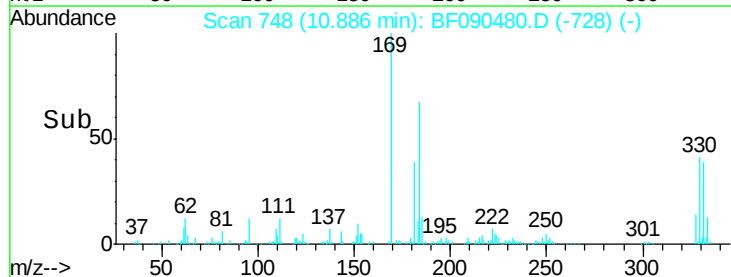
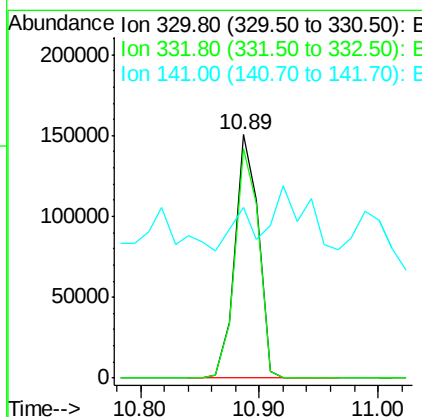
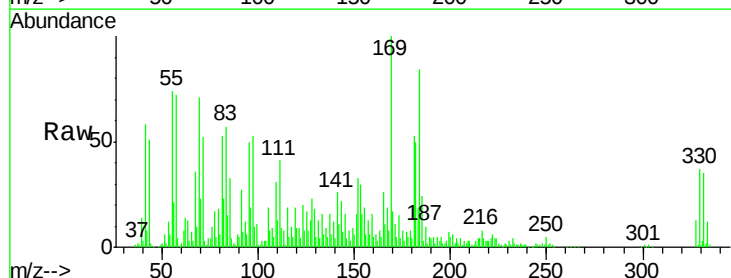
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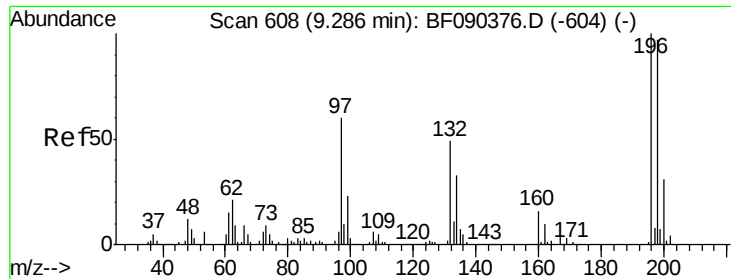
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#41
2,4,6-Tribromophenol
Concen: 145.19 ng
RT: 10.89 min Scan# 748
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	75.4	113.0
141	31.2	26.9	40.3





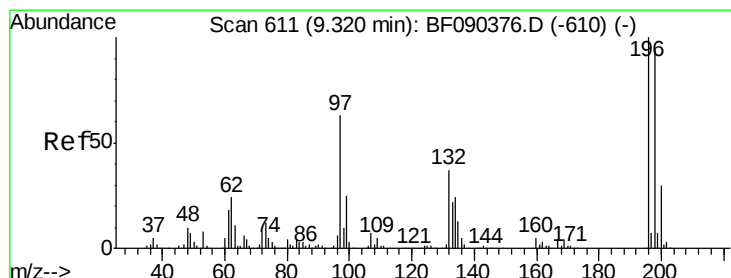
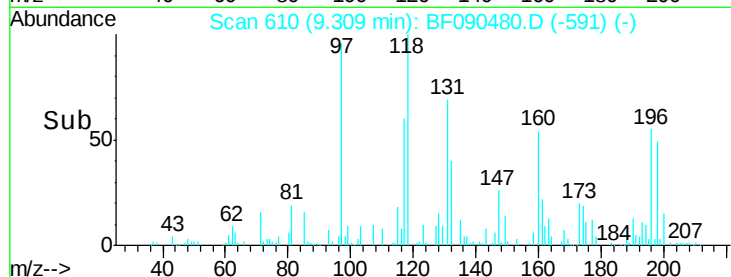
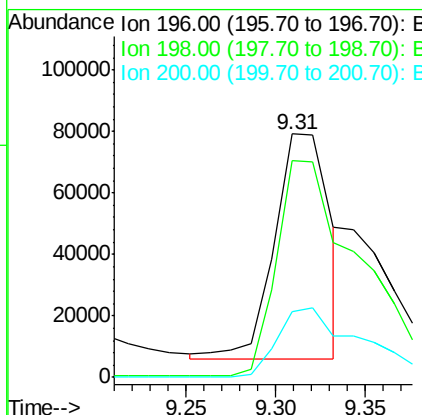
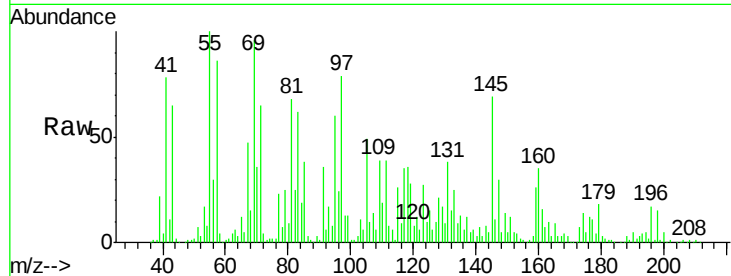
#42
2,4,6-Trichlorophenol
Concen: 50.02 ng m
RT: 9.31 min Scan# 610
Delta R.T. 0.02 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159857		
198	89.2	78.9	118.3	
200	27.2	25.4	38.2	

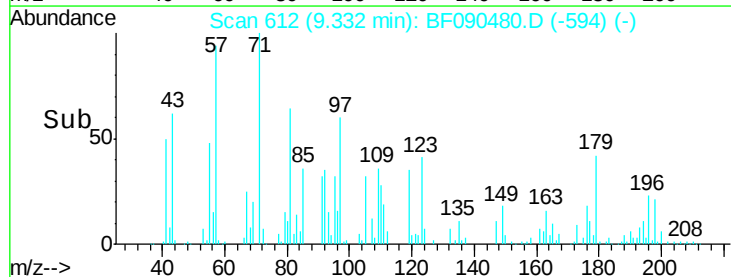
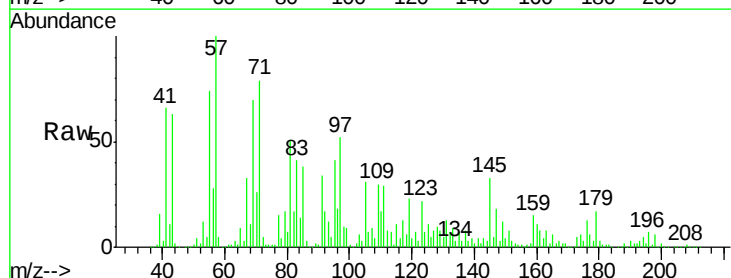
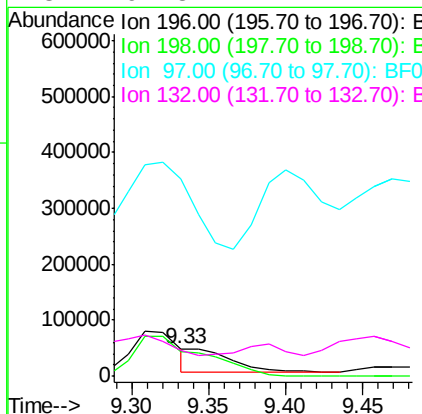
Manual Integrations
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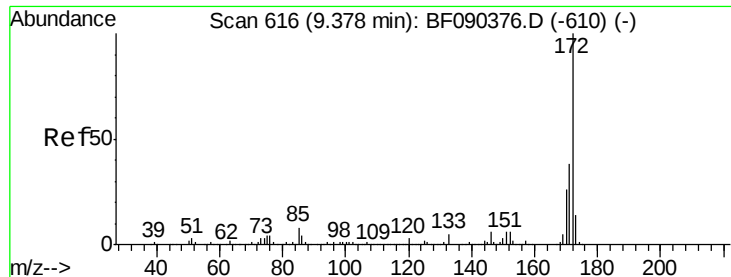
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#43
2,4,5-Trichlorophenol
Concen: 26.74 ng m
RT: 9.33 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80819		
198	89.7	78.1	117.1	
97	721.1	48.1	72.1#	
132	94.8	27.4	41.2#	





#44

2-Fluorobiphenyl

Concen: 85.88 ng

RT: 9.40 min Scan# 618

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

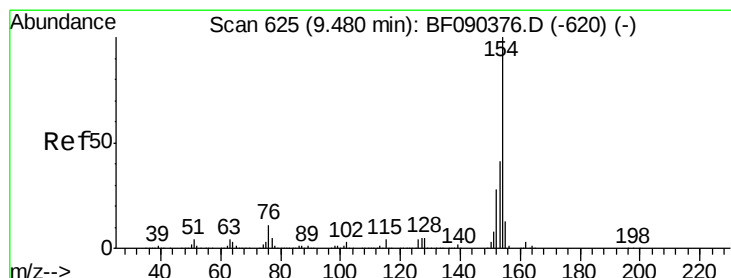
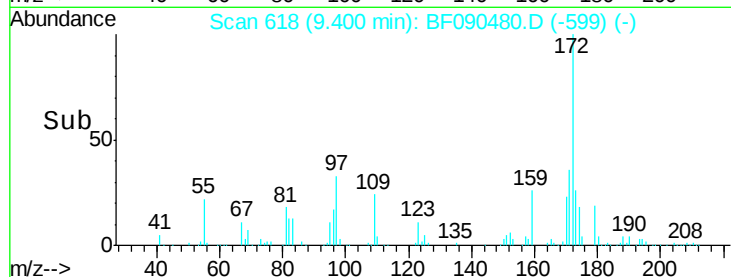
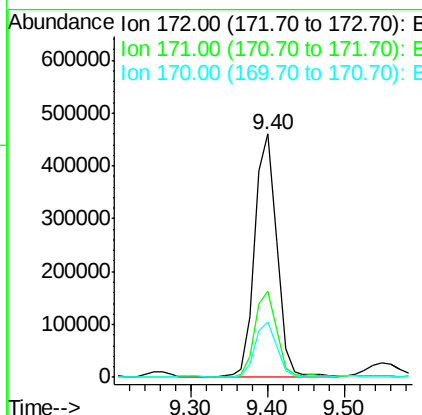
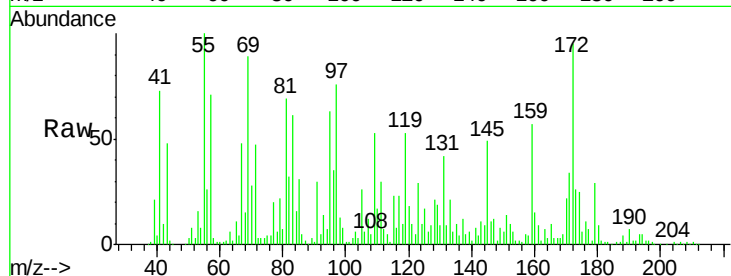
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:	172	Resp:	905596
Ion Ratio	Lower	Upper	
172	100		
171	35.4	31.8	47.8
170	22.6	21.7	32.5

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#45

1,1'-Biphenyl

Concen: 39.28 ng

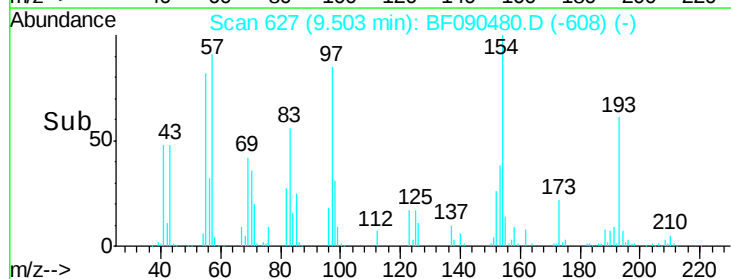
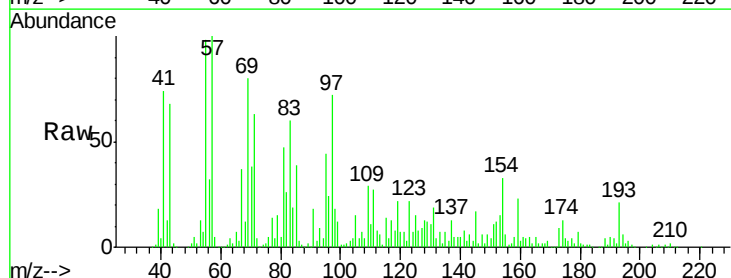
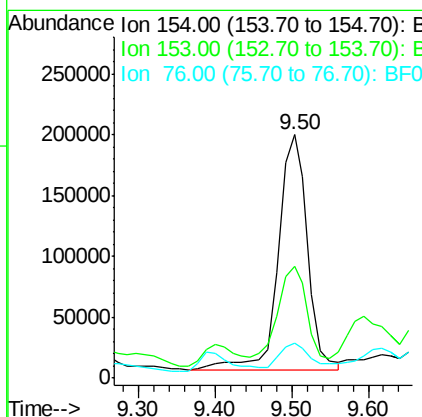
RT: 9.50 min Scan# 627

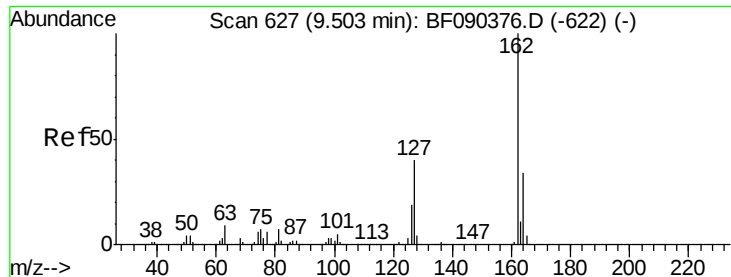
Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:	154	Resp:	511316
Ion Ratio	Lower	Upper	
154	100		
153	46.0	23.8	63.8
76	14.5	0.0	35.8





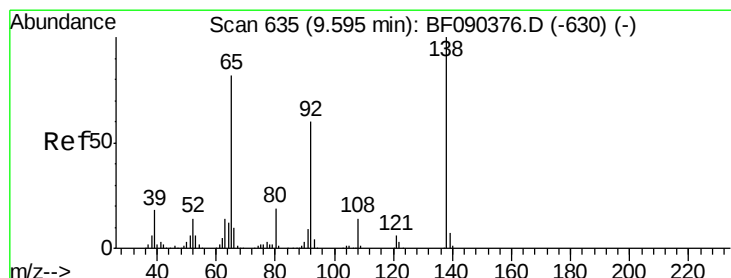
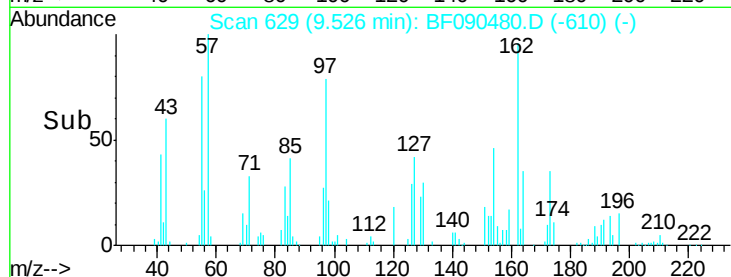
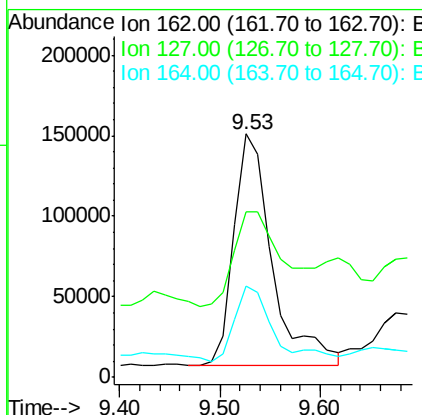
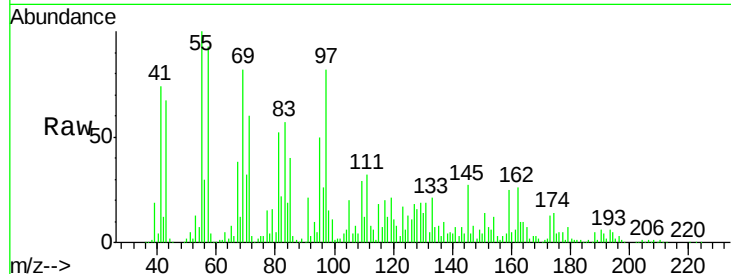
#46
2-Chloronaphthalene
Concen: 39.91 ng
RT: 9.53 min Scan# 629
Delta R.T. 0.02 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	383873		
127	67.9	35.6	53.4#	
164	37.6	27.5	41.3	

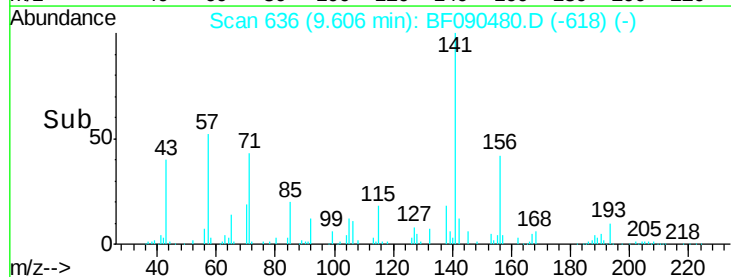
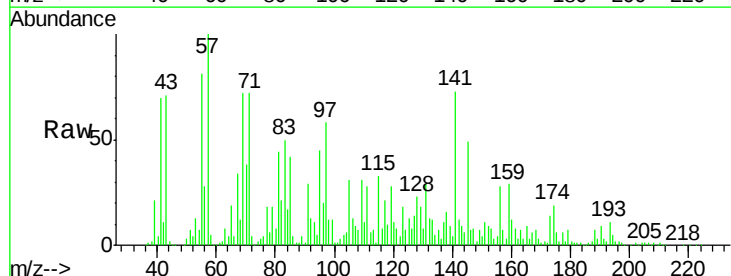
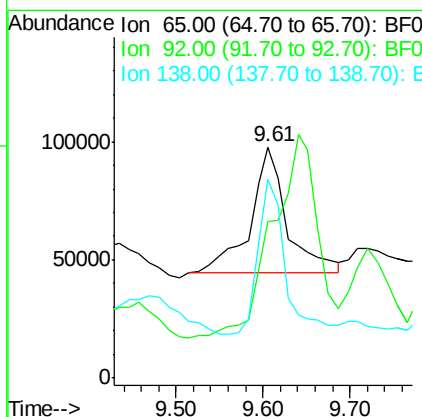
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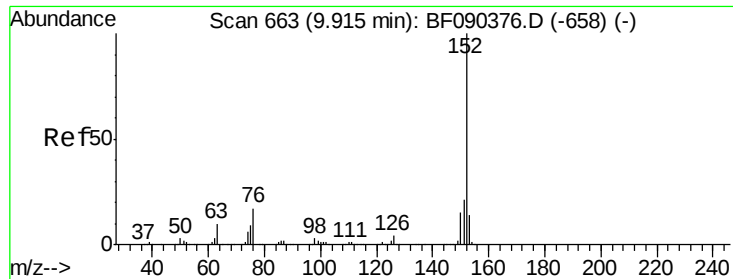
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#47
2-Nitroaniline
Concen: 41.13 ng
RT: 9.61 min Scan# 636
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	156094		
92	67.7	51.7	77.5	
138	86.1	79.0	118.4	





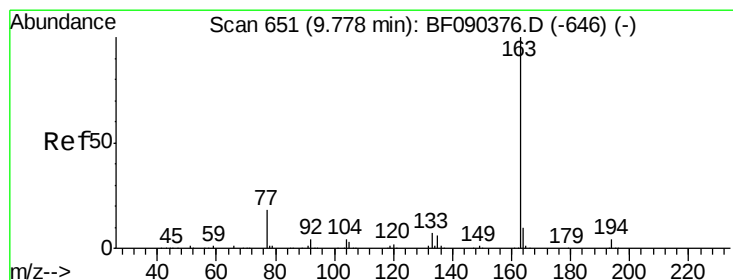
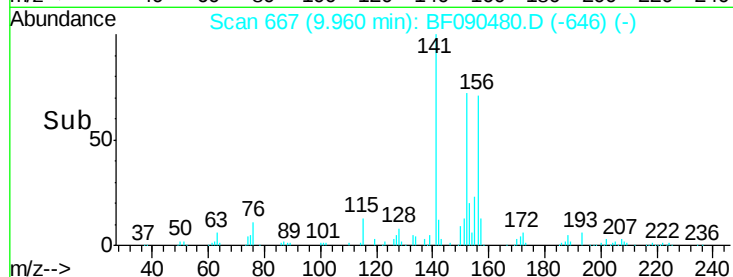
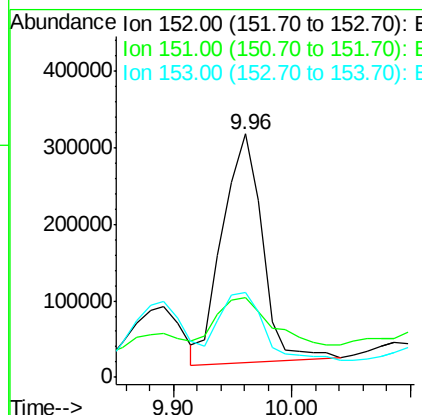
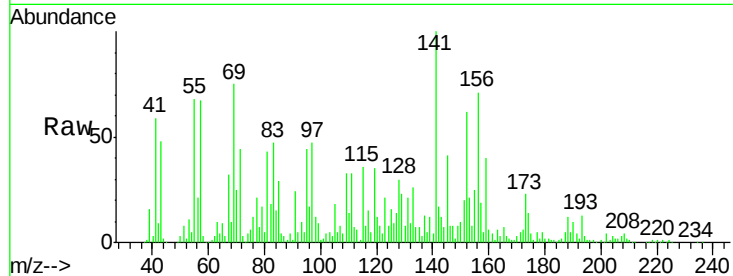
#48
Acenaphthylene
Concen: 44.04 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.05 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion:152 Resp: 698862
Ion Ratio Lower Upper
152 100
151 32.7 17.4 26.0#
153 34.7 11.6 17.4#

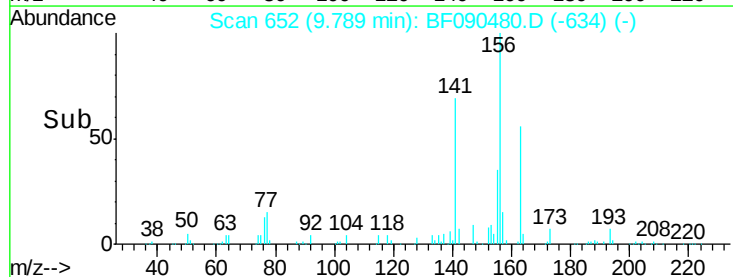
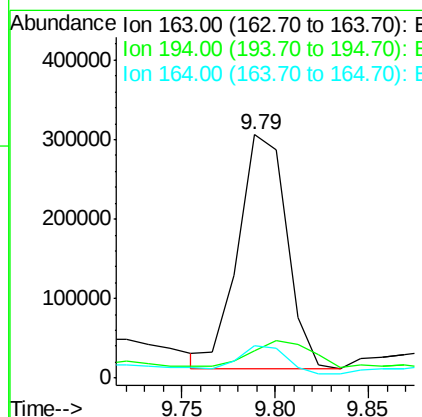
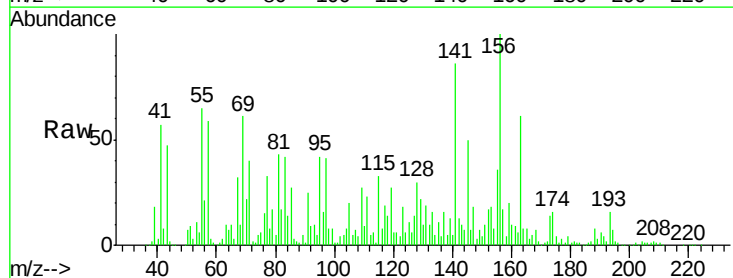
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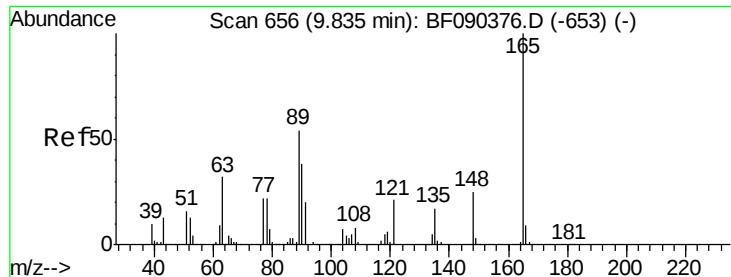
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#49
Dimethylphthalate
Concen: 47.45 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion:163 Resp: 533910
Ion Ratio Lower Upper
163 100
194 11.1 2.8 4.2#
164 13.2 9.0 13.4





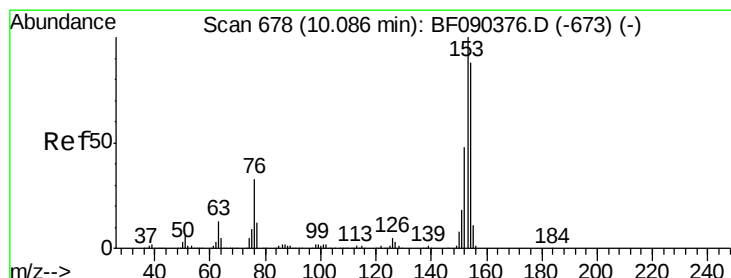
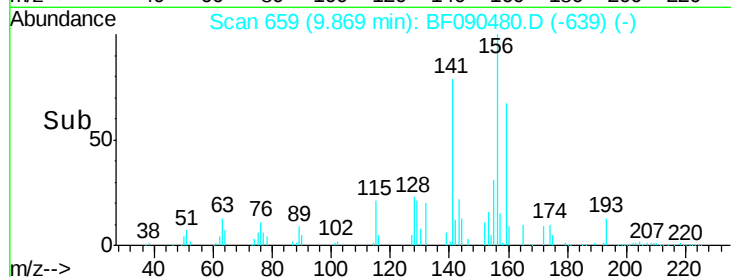
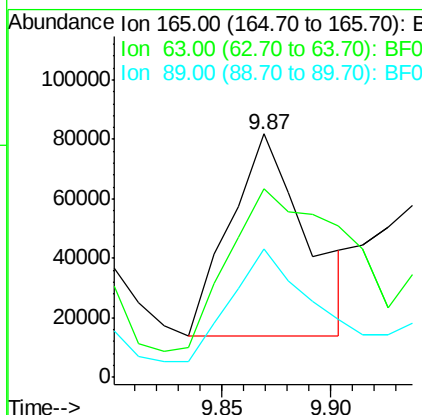
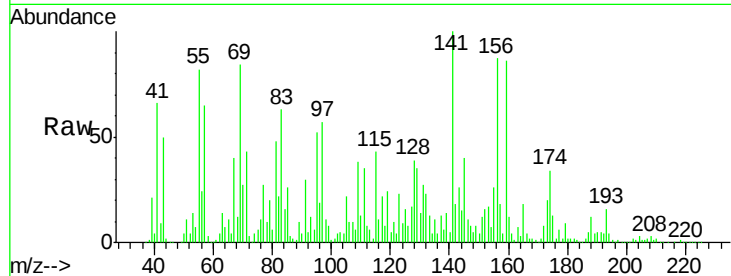
#50
2,6-Dinitrotoluene
Concen: 66.58 ng
RT: 9.87 min Scan# 659
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	166309		
63	77.6	58.0	87.0	
89	52.5	51.2	76.8	

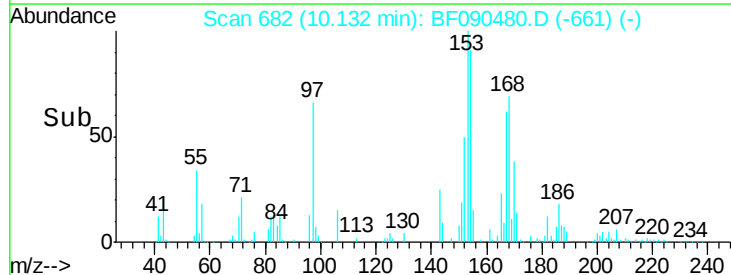
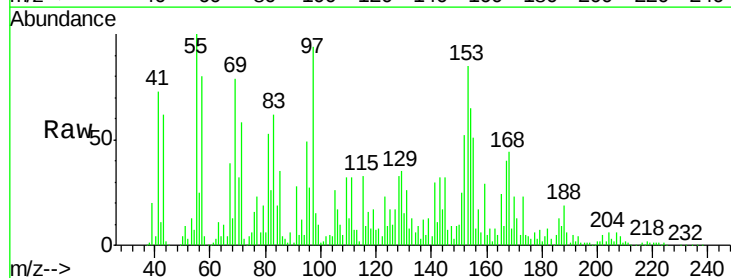
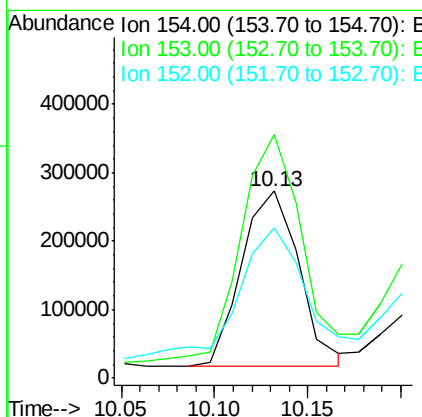
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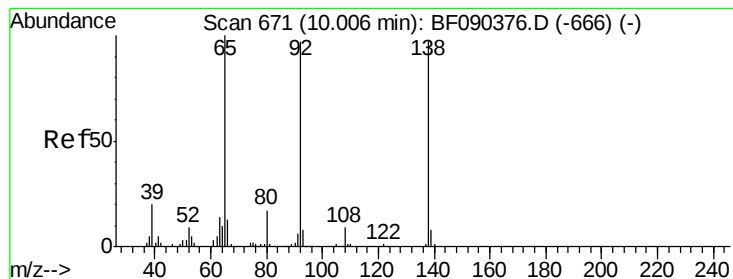
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#51
Acenaphthene
Concen: 55.14 ng
RT: 10.13 min Scan# 682
Delta R.T. 0.05 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	545690		
153	130.1	88.6	133.0	
152	80.2	42.6	64.0	





#52

3-Nitroaniline

Concen: 49.61 ng

RT: 10.02 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:138 Resp: 144761
Ion Ratio Lower Upper

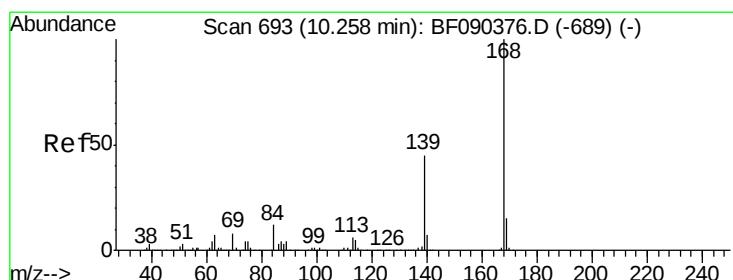
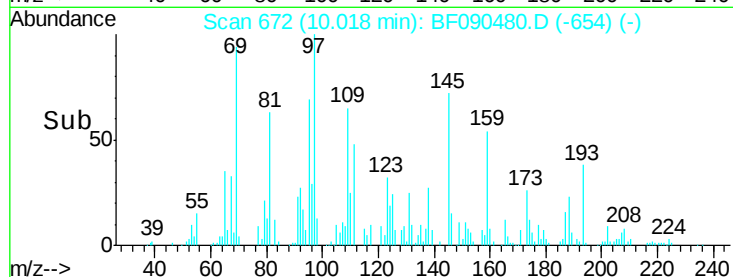
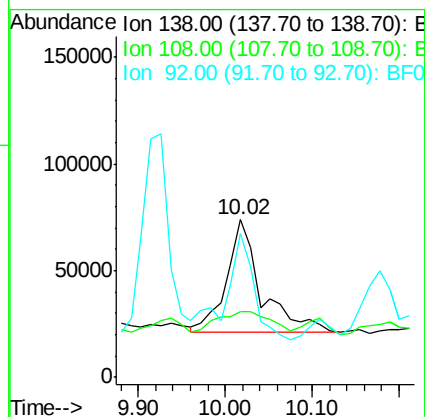
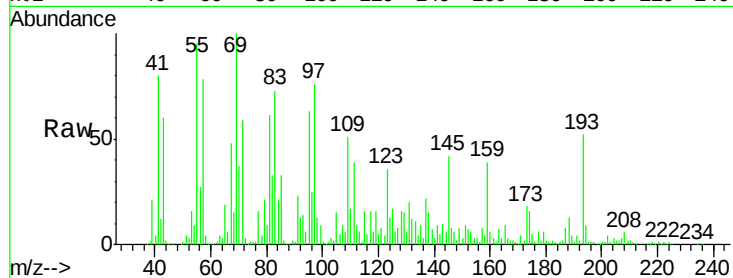
138 100

108 42.1 9.7 14.5#

92 91.3 97.1 145.7#

Manual Integrations
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#54

Dibenzofuran

Concen: 49.36 ng

RT: 10.30 min Scan# 697

Delta R.T. 0.05 min

Lab File: BF090480.D

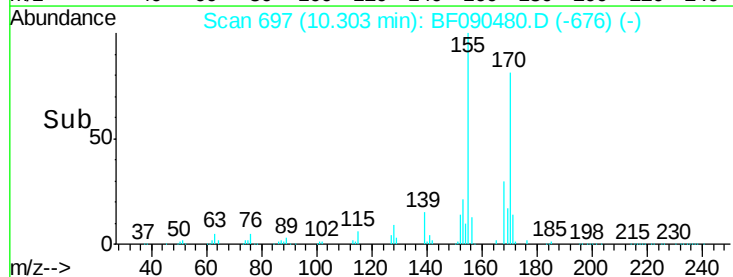
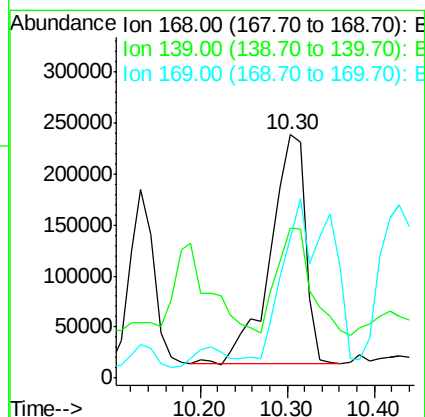
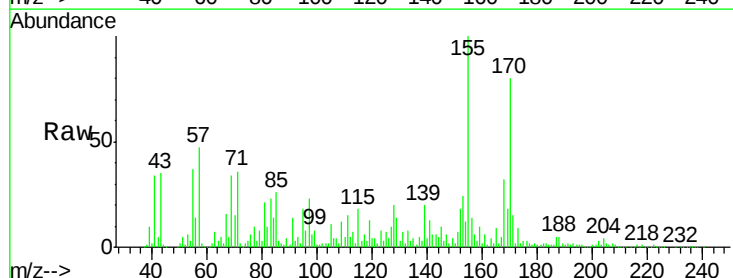
Acq: 8 Oct 2016 11:02

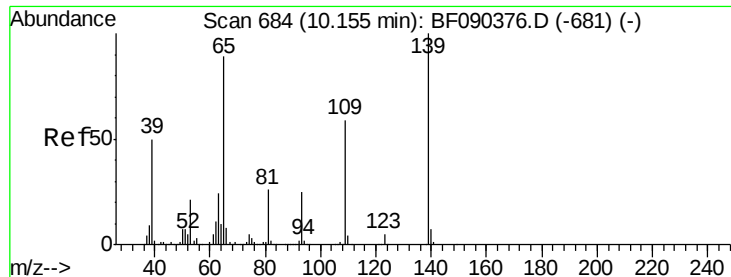
Tgt Ion:168 Resp: 632241
Ion Ratio Lower Upper

168 100

139 61.7 29.6 44.4#

169 57.6 11.3 16.9#





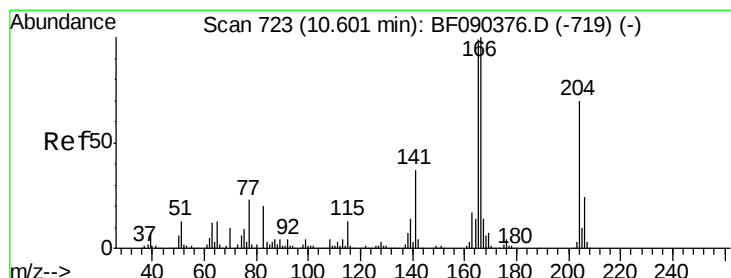
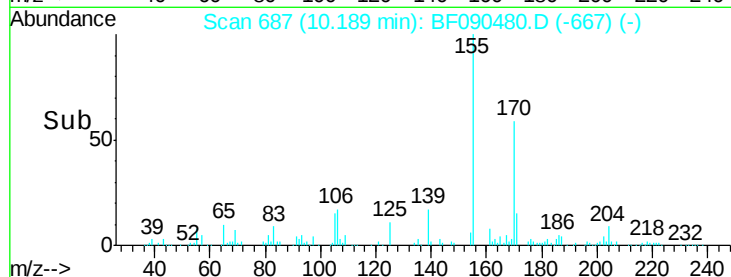
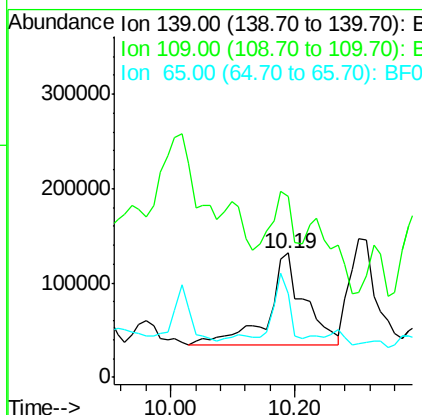
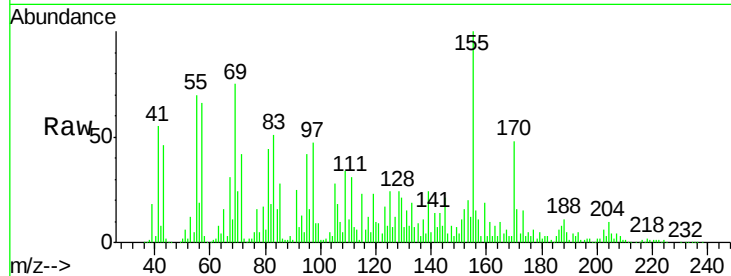
#55
4-Nitrophenol
Concen: 152.50 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	145.4	43.6	83.6#
65	67.0	87.5	127.5#

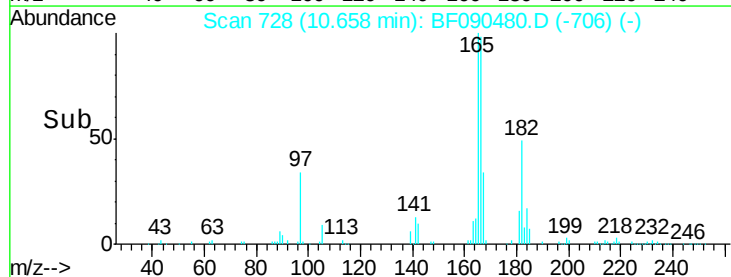
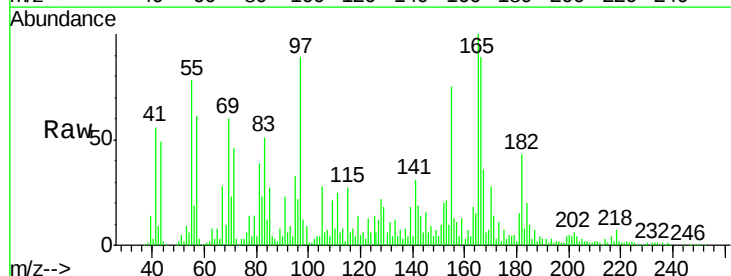
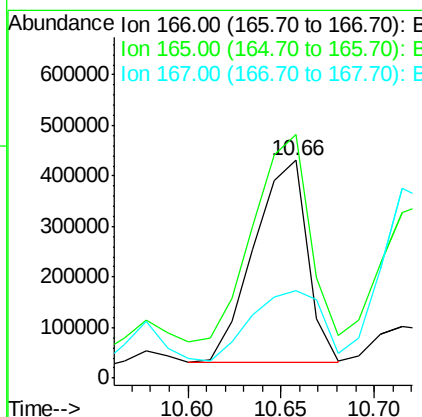
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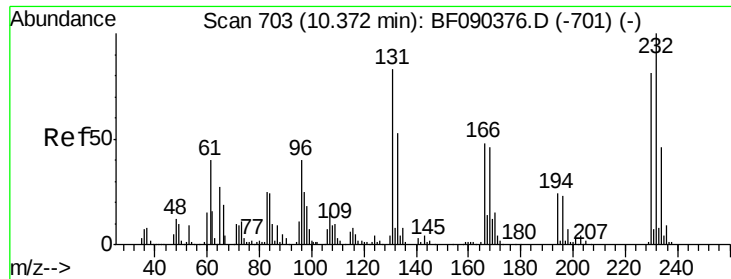
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#57
Fluorene
Concen: 73.87 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.06 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.0	79.2	118.8
167	40.5	11.1	16.7#





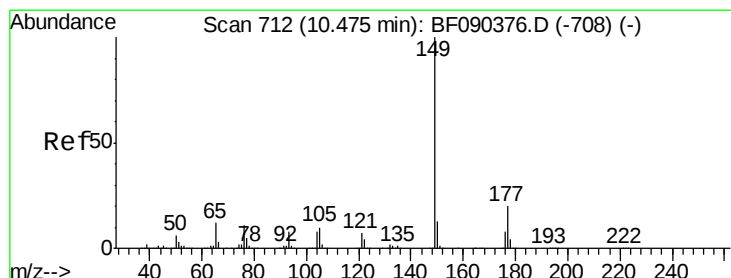
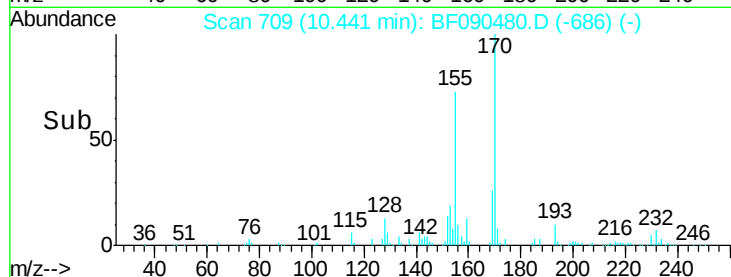
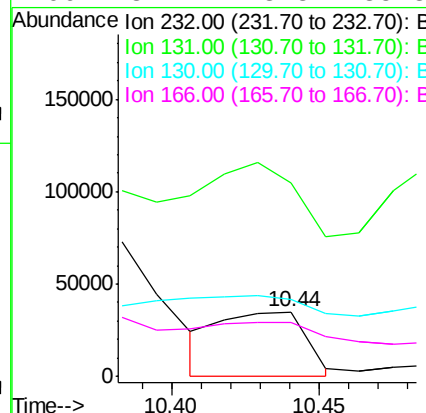
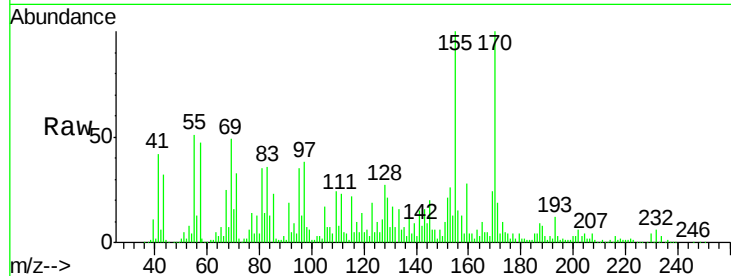
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.59 ng m
 RT: 10.44 min Scan# 709
 Delta R.T. 0.07 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	139.5	34.5	51.7#
130	0.0	1.6	2.4#
166	32.2	23.8	35.8

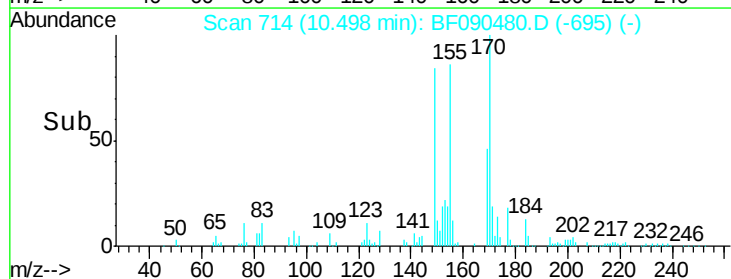
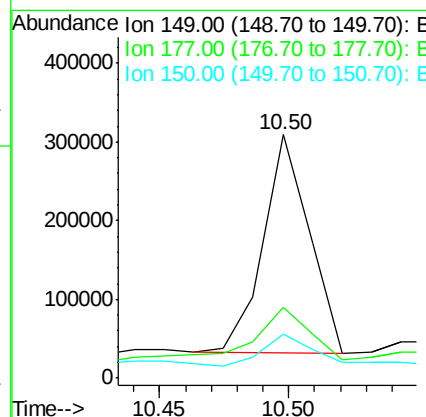
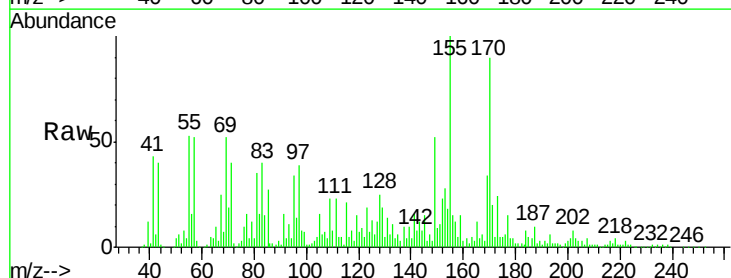
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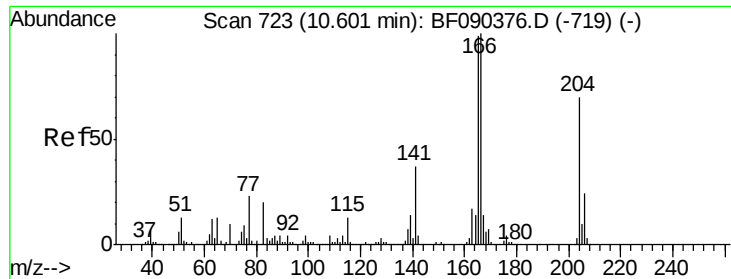
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#59
 Diethylphthalate
 Concen: 29.11 ng m
 RT: 10.50 min Scan# 714
 Delta R.T. 0.02 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	29.0	21.1	31.7
150	18.2	10.2	15.2#





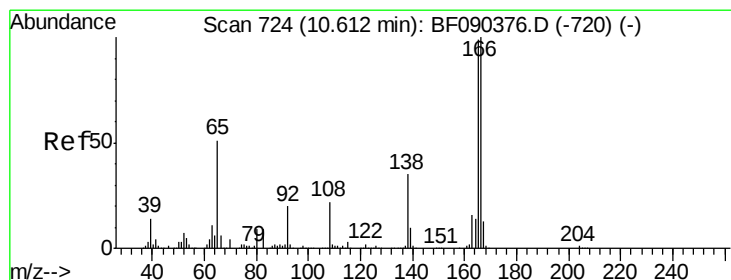
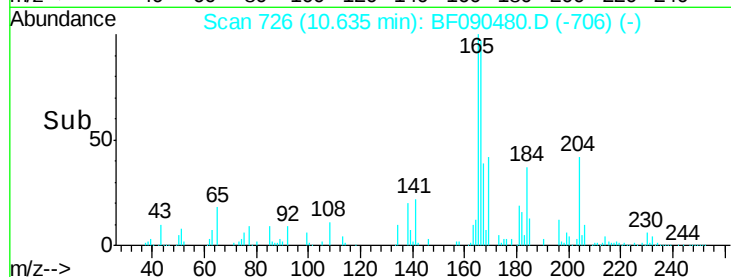
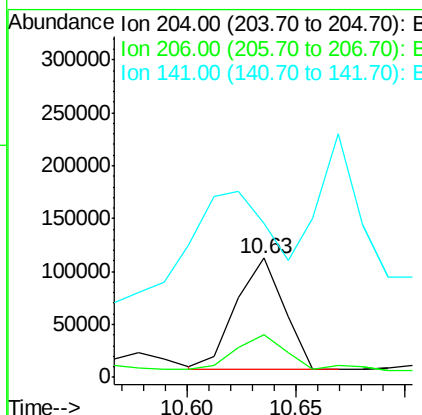
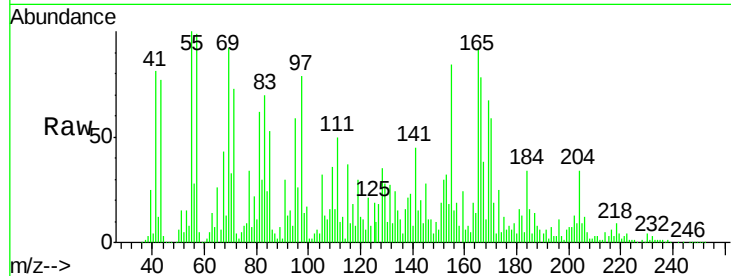
#60
4-Chlorophenyl-phenylether
Concen: 32.67 ng
RT: 10.63 min Scan# 726
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion: 204 Resp: 159899
Ion Ratio Lower Upper
204 100
206 35.6 26.7 40.1
141 129.8 51.7 77.5#

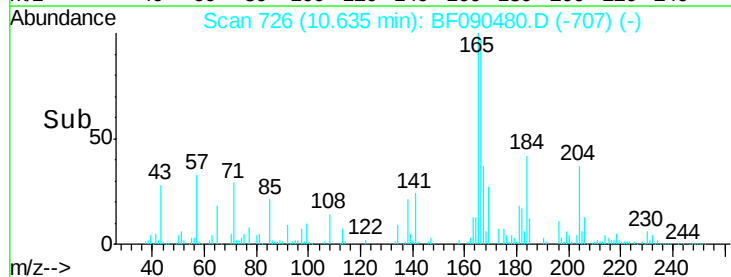
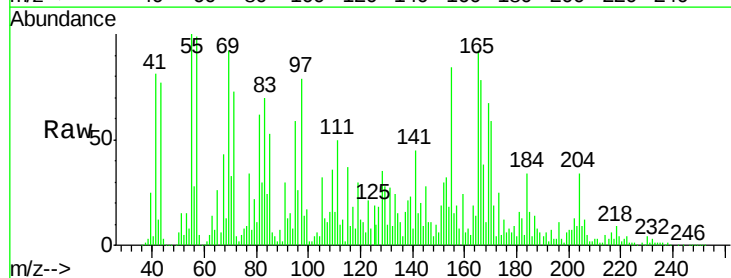
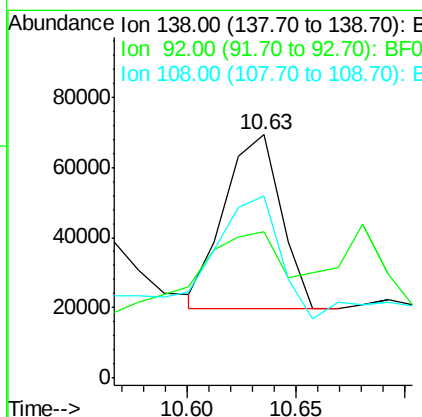
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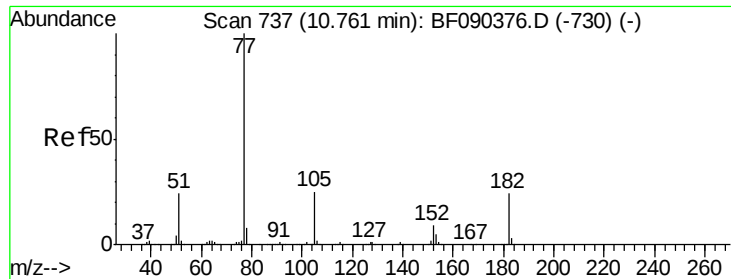
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#61
4-Nitroaniline
Concen: 30.53 ng
RT: 10.63 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion: 138 Resp: 89773
Ion Ratio Lower Upper
138 100
92 60.3 33.2 73.2
108 74.6 48.5 88.5





#62

Azobenzene

Concen: 34.32 ng

RT: 10.79 min Scan# 740

Delta R.T. 0.03 min

Lab File: BF090480.D

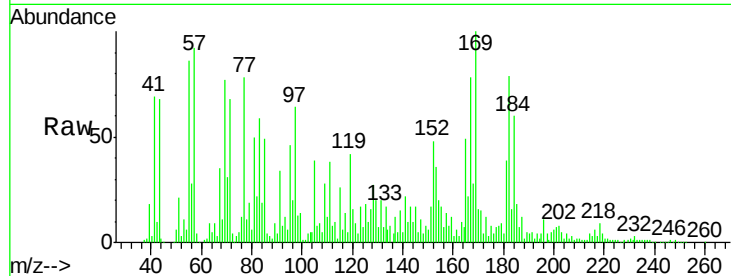
Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

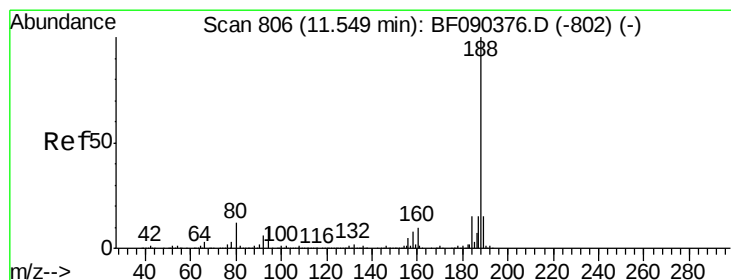
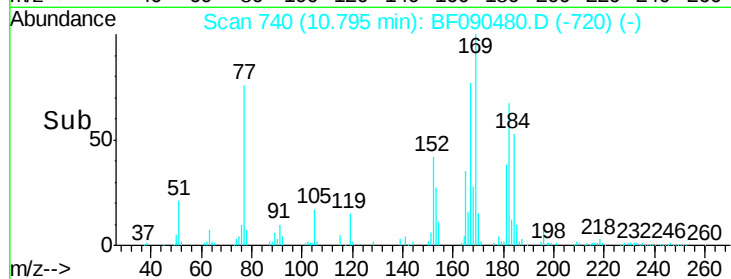
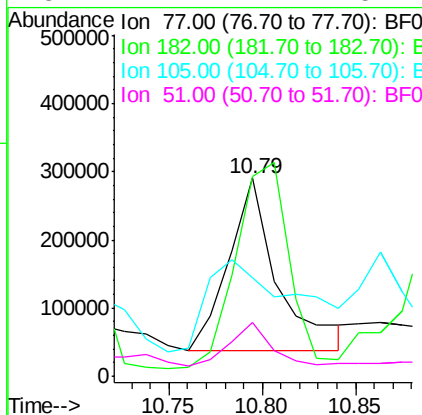
MJSB-16(6.5-8.5)MSD



Tgt Ion	Ratio	Lower	Upper
77	100		
182	101.3	3.2	43.2#
105	49.6	2.9	42.9#
51	27.2	14.2	54.2

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#63

Phenanthrene-d10

Concen: 20.00 ng

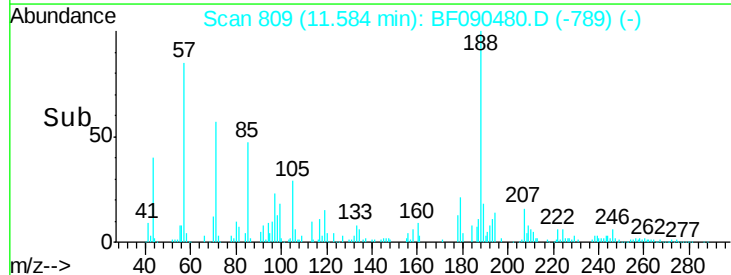
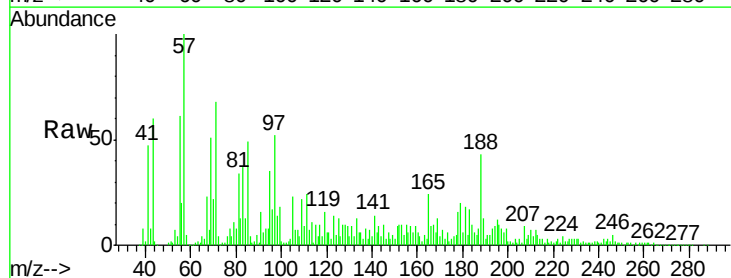
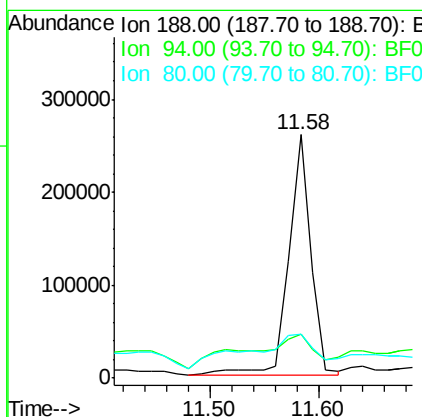
RT: 11.58 min Scan# 809

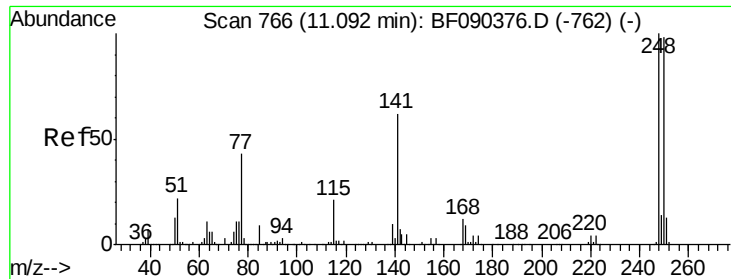
Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	18.0	8.2	12.2#
80	18.1	8.8	13.2#





#66

4-Bromophenyl-phenylether

Concen: 46.26 ng

RT: 11.13 min Scan# 769

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

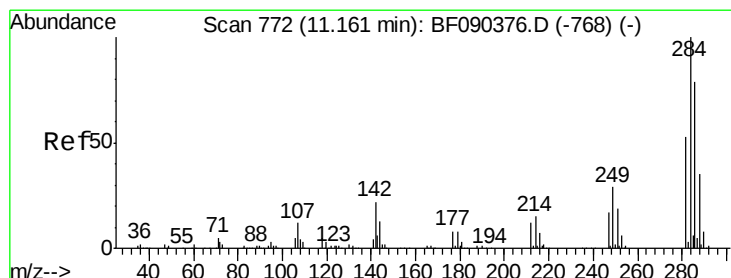
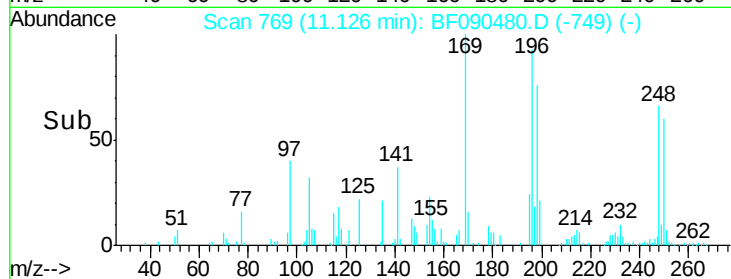
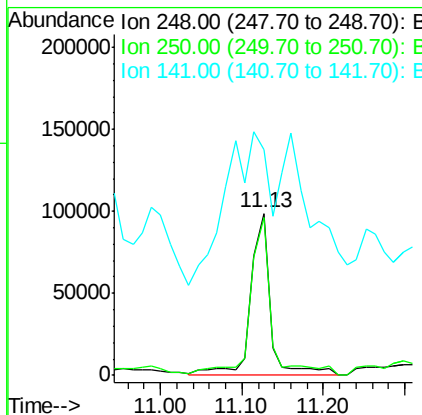
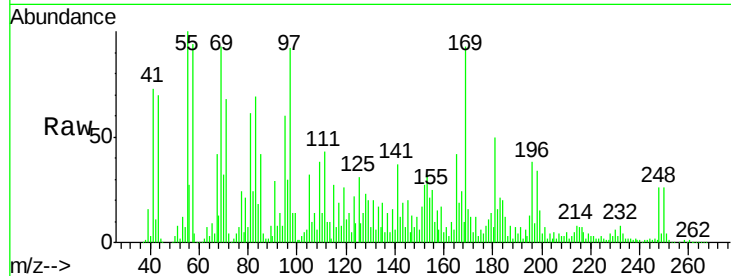
ClientSampled :

MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166102		
250	97.2	76.5	114.7	
141	139.3	59.8	89.6#	

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#67

Hexachlorobenzene

Concen: 25.65 ng

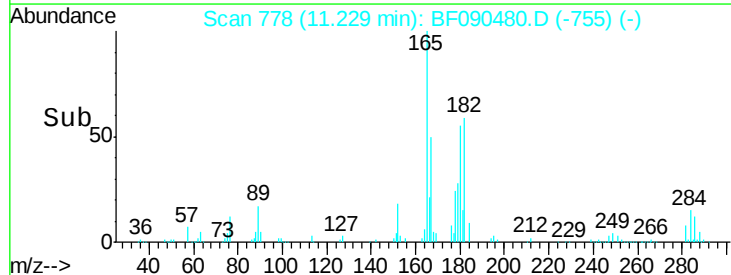
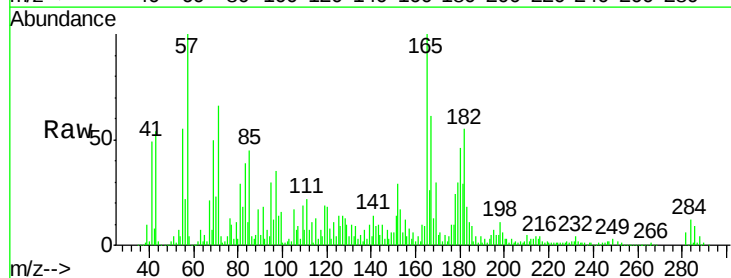
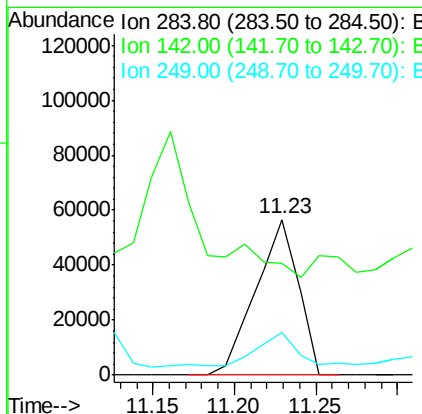
RT: 11.23 min Scan# 778

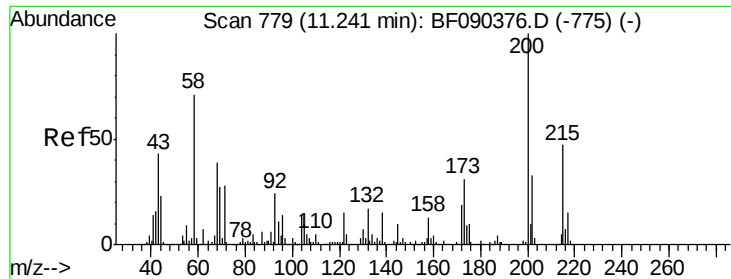
Delta R.T. 0.07 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	102567		
142	71.9	23.1	34.7#	
249	27.8	26.3	39.5	





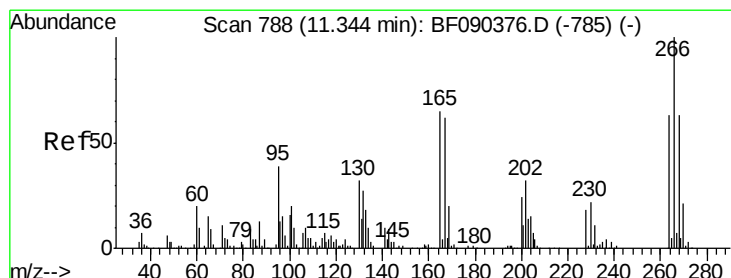
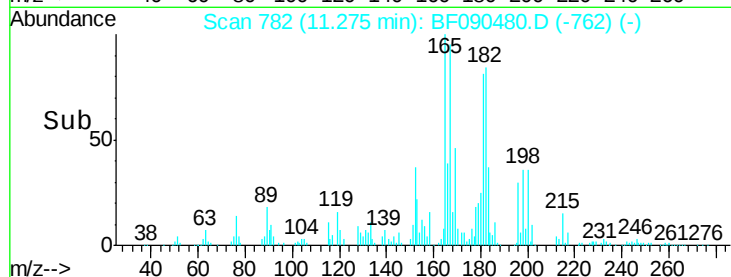
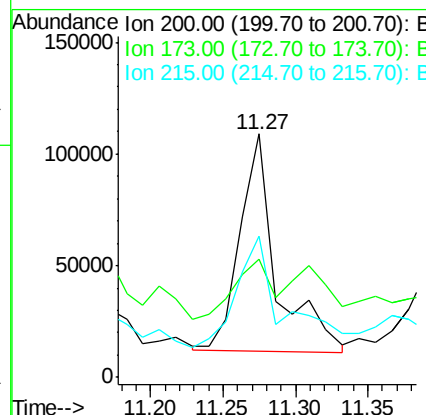
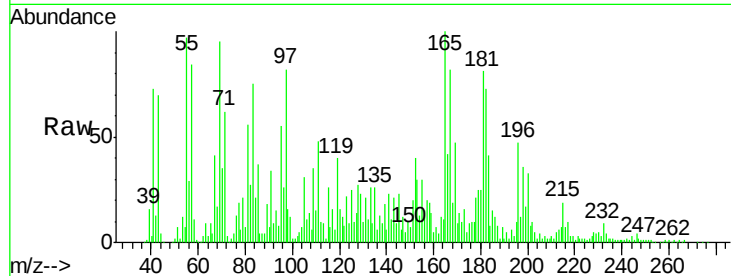
#68
Atrazine
Concen: 56.41 ng
RT: 11.27 min Scan# 782
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	48.8	9.0	49.0
215	58.3	24.8	64.8

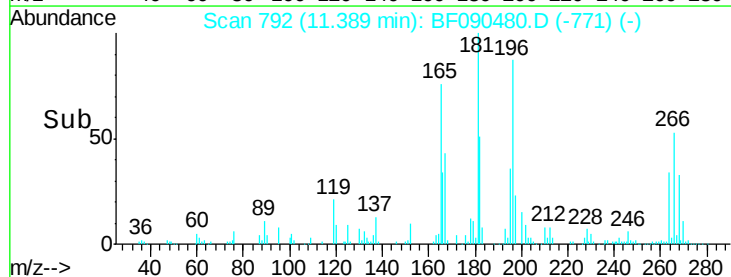
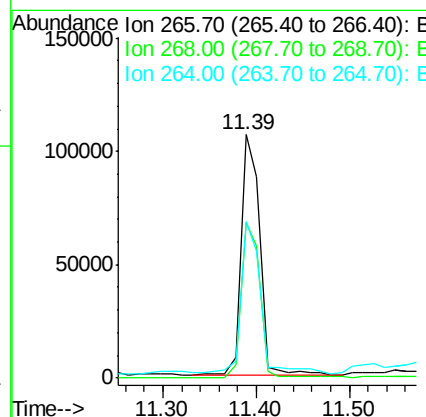
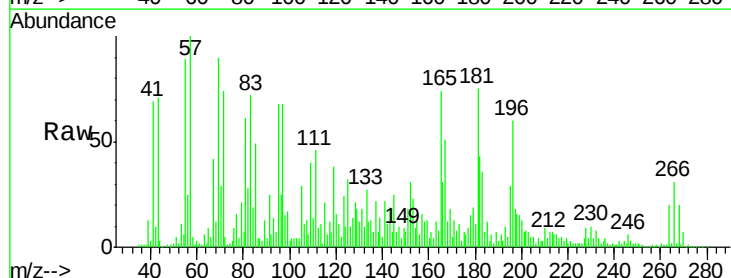
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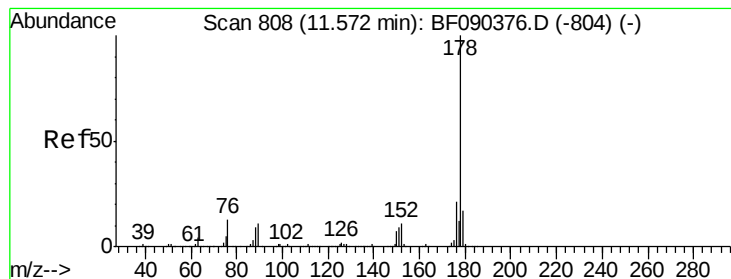
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#69
Pentachlorophenol
Concen: 62.25 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.05 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	50.9	76.3
264	64.1	51.5	77.3





#70

Phenanthrene

Concen: 138.03 ng m

RT: 11.62 min Scan# 812

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:178 Resp: 2588971

Ion Ratio Lower Upper

178 100

176 20.6 17.3 25.9

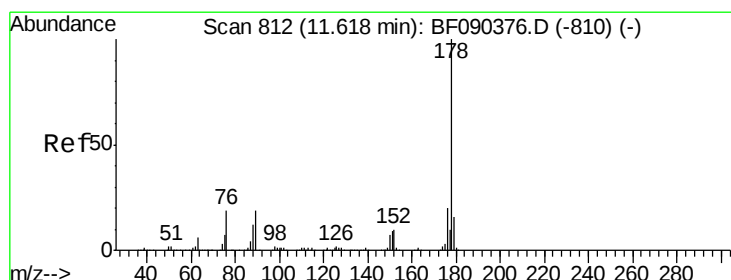
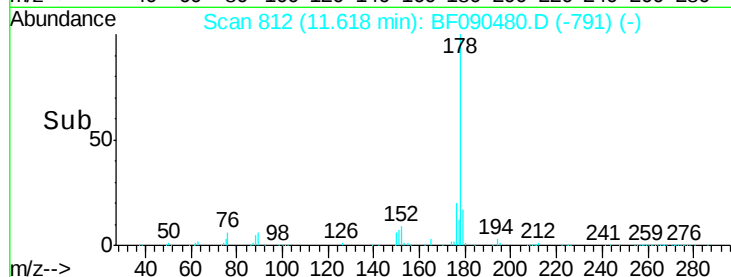
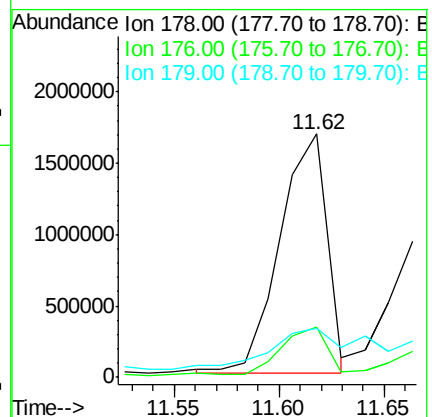
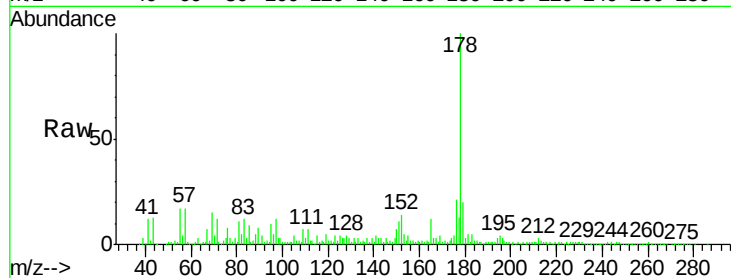
179 20.1 13.8 20.6

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#71

Anthracene

Concen: 61.01 ng m

RT: 11.66 min Scan# 816

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

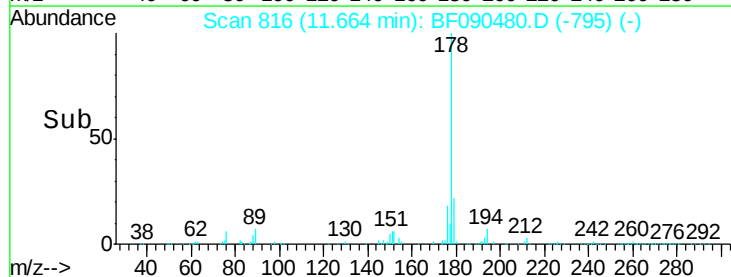
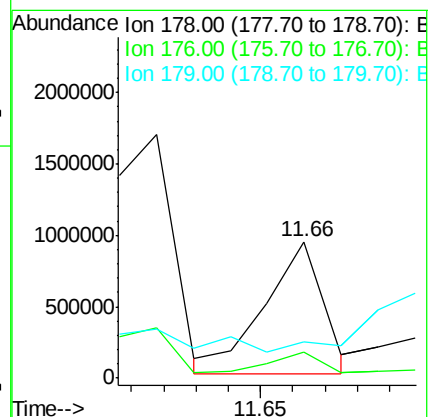
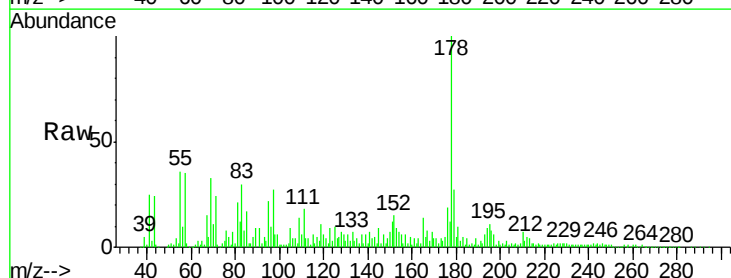
Tgt Ion:178 Resp: 1168694

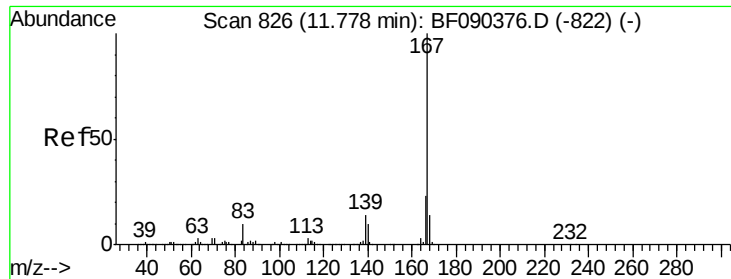
Ion Ratio Lower Upper

178 100

176 19.1 16.8 25.2

179 27.0 13.4 20.2#





#72

Carbazole

Concen: 32.70 ng

RT: 11.80 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

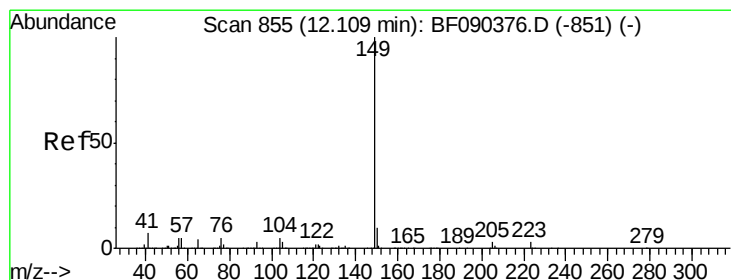
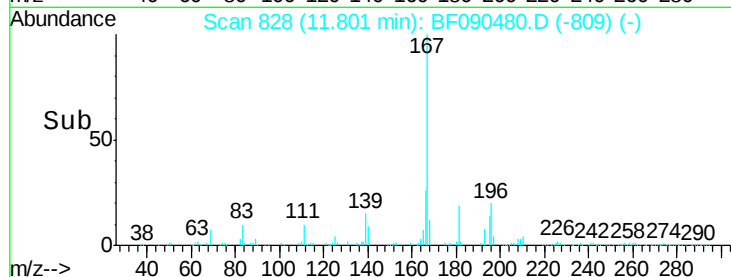
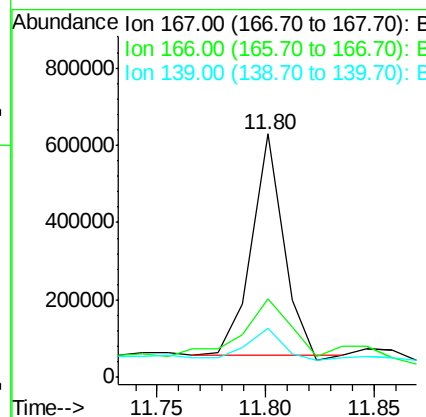
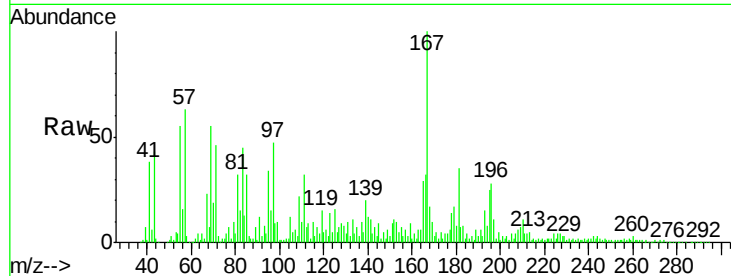
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	581965		
166	32.2	19.1	28.7#	
139	20.0	12.1	18.1#	

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#73

Di-n-butylphthalate

Concen: 36.86 ng

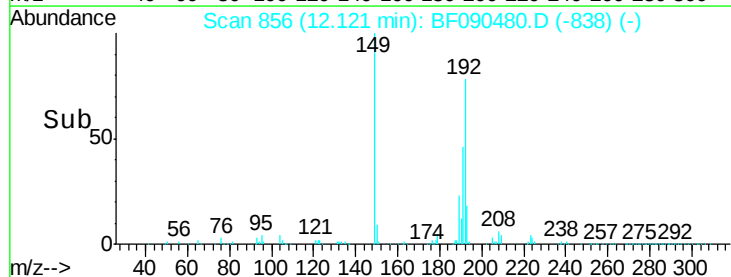
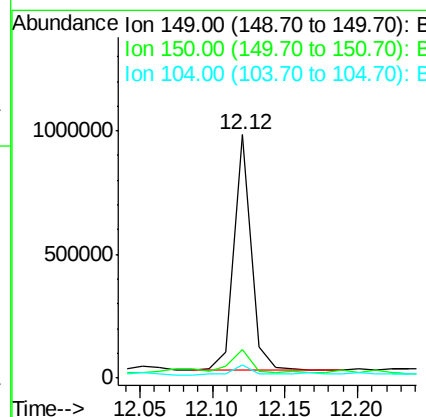
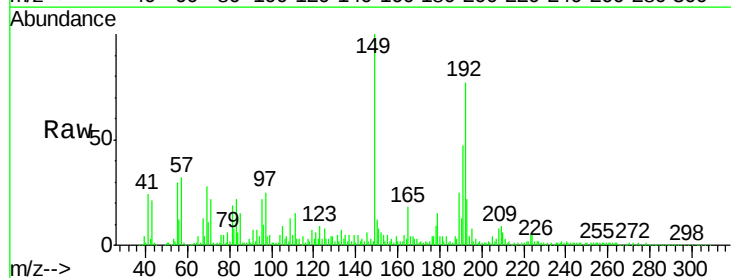
RT: 12.12 min Scan# 856

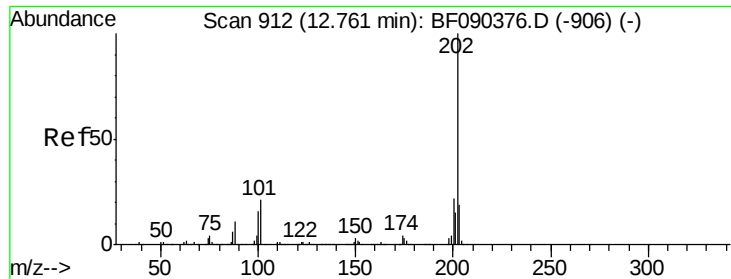
Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	798212		
150	11.8	8.6	12.8	
104	5.5	4.7	7.1	





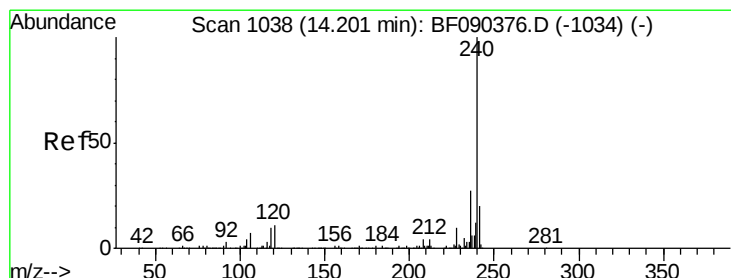
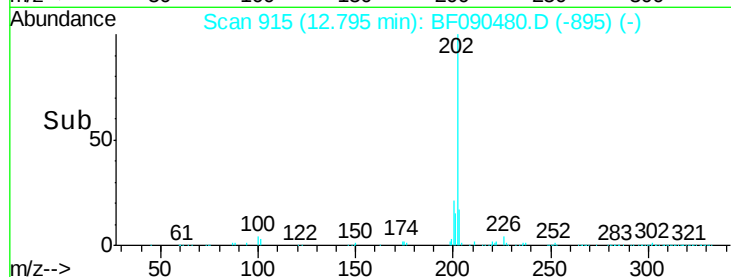
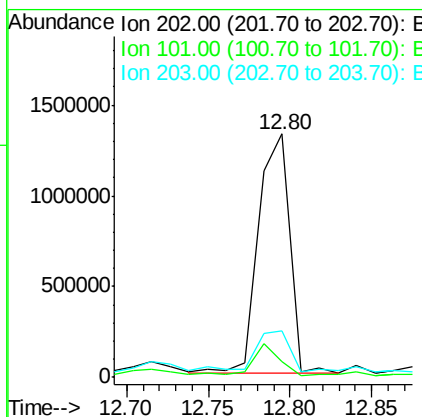
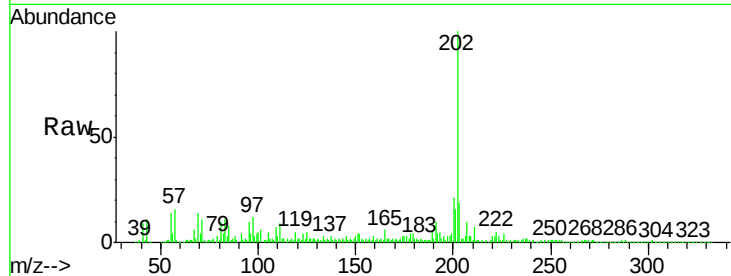
#74
 Fluoranthene
 Concen: 95.00 ng
 RT: 12.80 min Scan# 915
 Delta R.T. 0.03 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	37.2
203	19.2	0.0	39.3

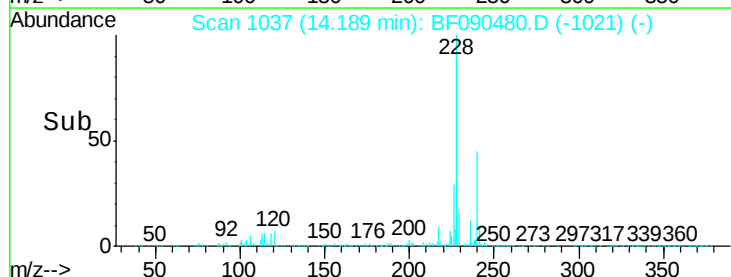
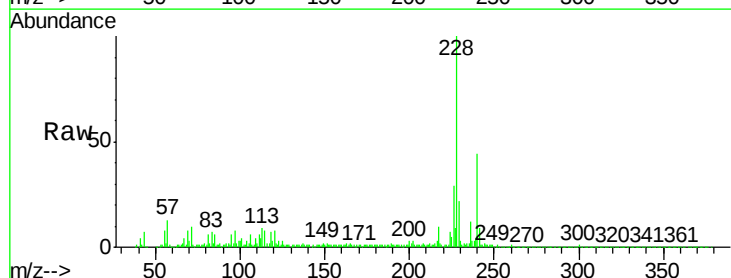
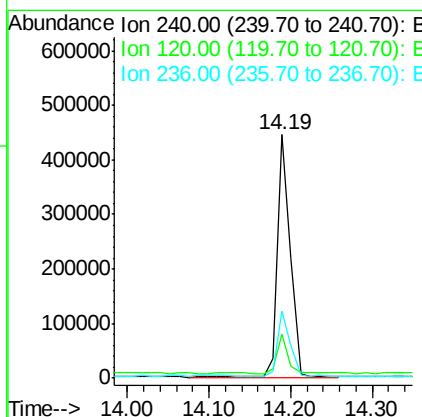
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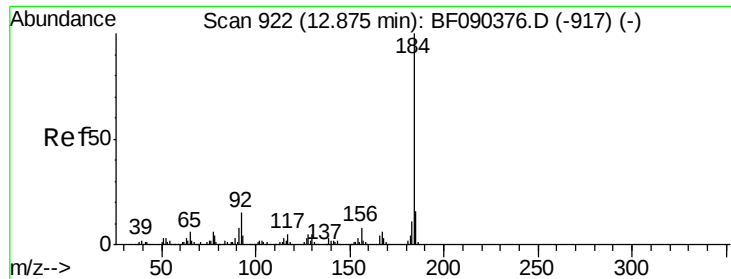
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.9	8.6	13.0#
236	27.4	21.6	32.4





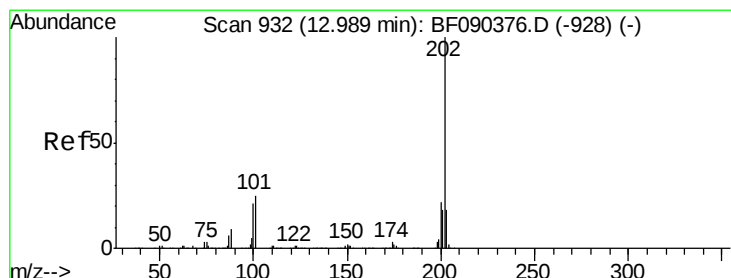
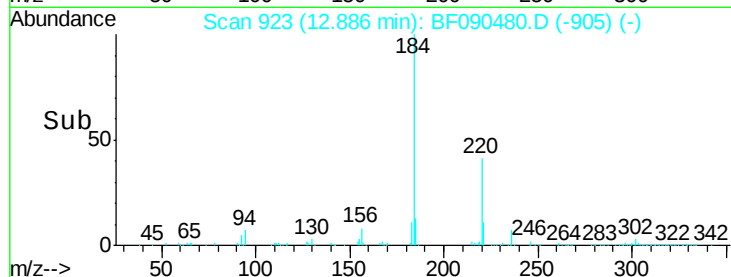
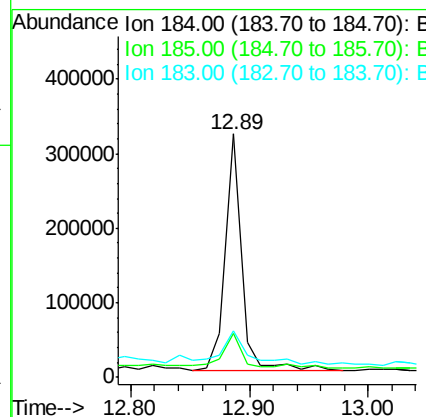
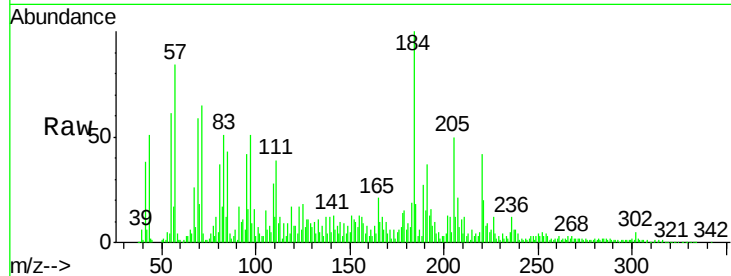
#76
Benzidine
Concen: 23.28 ng
RT: 12.89 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	297952		
185	18.1	11.8	17.8#	
183	19.1	9.6	14.4#	

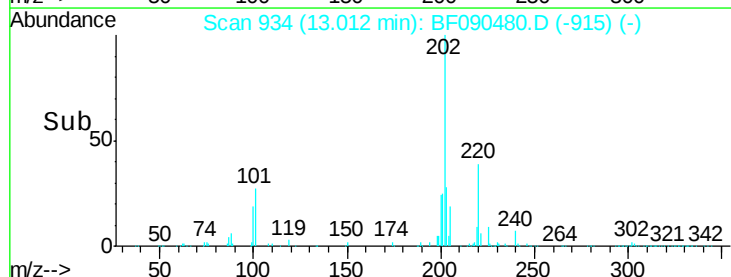
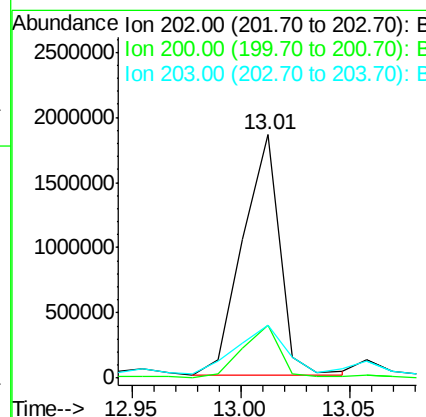
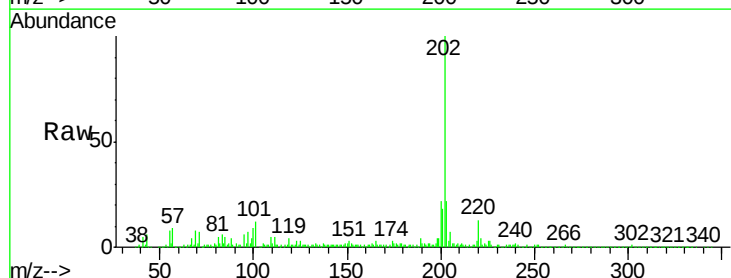
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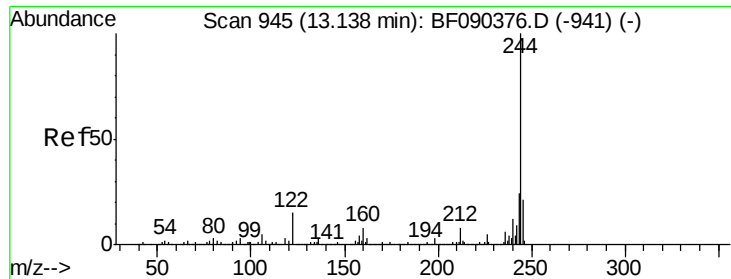
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#77
Pyrene
Concen: 67.02 ng
RT: 13.01 min Scan# 934
Delta R.T. 0.02 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2175118		
200	21.9	18.5	27.7	
203	21.5	15.0	22.6	





#78

Terphenyl-d14

Concen: 57.87 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:244 Resp: 1253024

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

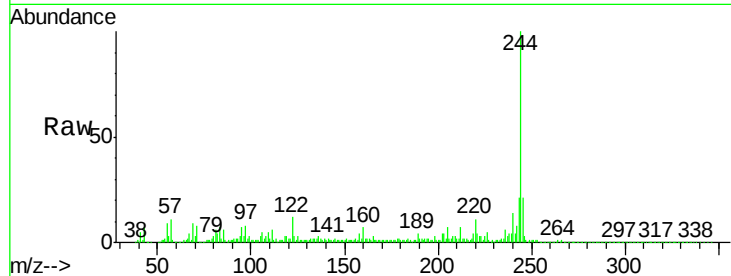
122 11.6 13.3 19.9#

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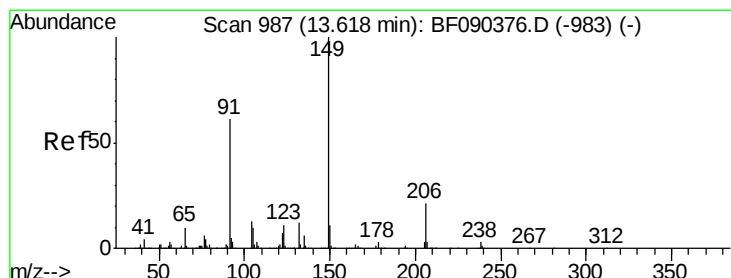
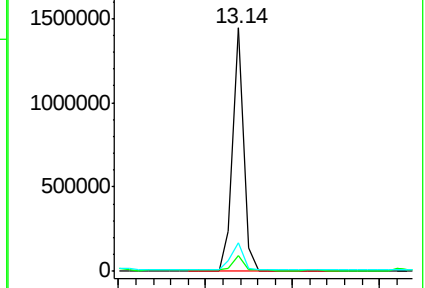
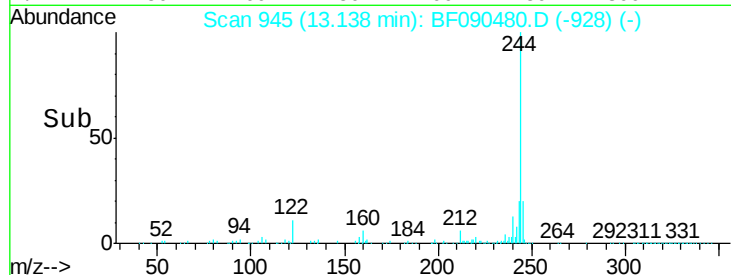
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 30.52 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

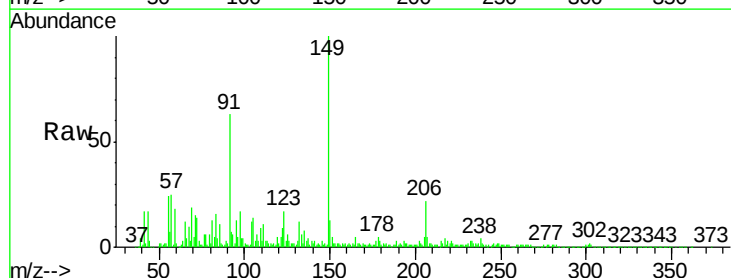
Tgt Ion:149 Resp: 508248

Ion Ratio Lower Upper

149 100

91 63.1 51.8 77.8

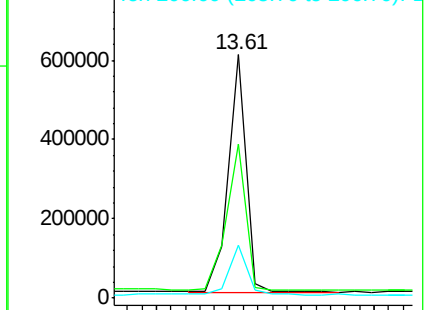
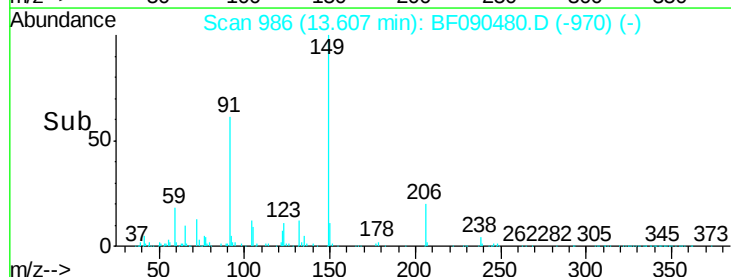
206 21.6 18.0 27.0

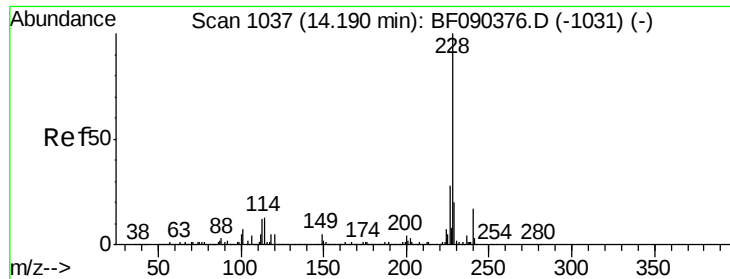


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





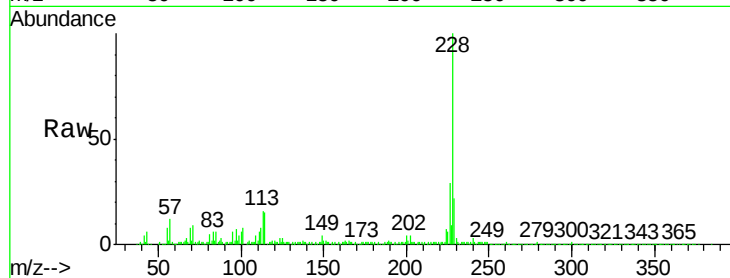
#80
Benzo(a)anthracene
Concen: 59.30 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

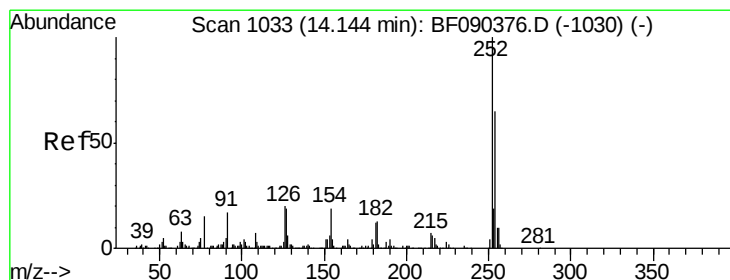
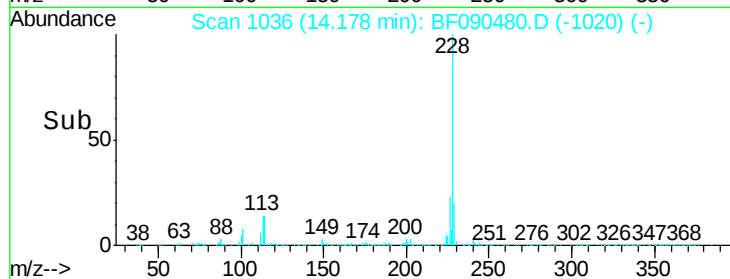
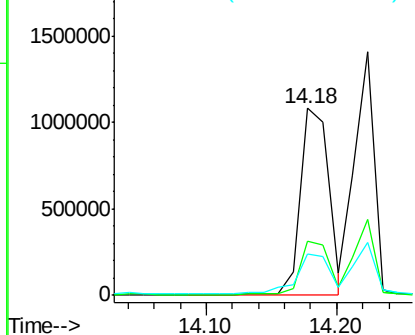
Tgt Ion:228 Resp: 1619432
Ion Ratio Lower Upper
228 100
226 29.2 23.6 35.4
229 22.2 16.6 25.0

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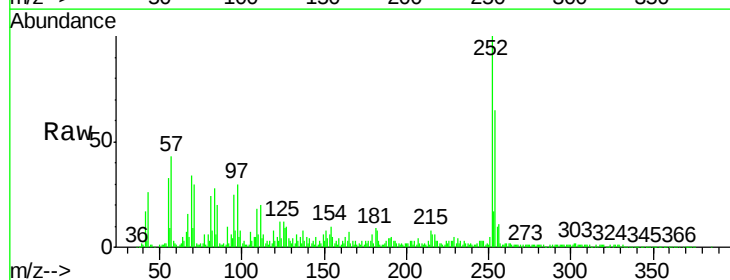


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

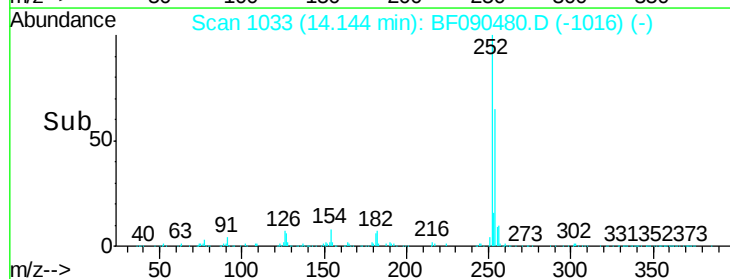
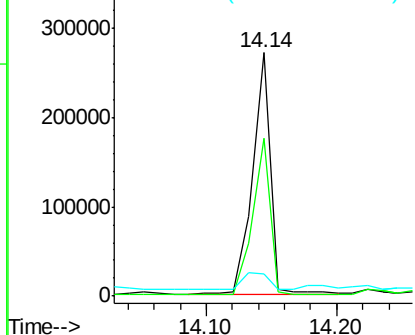


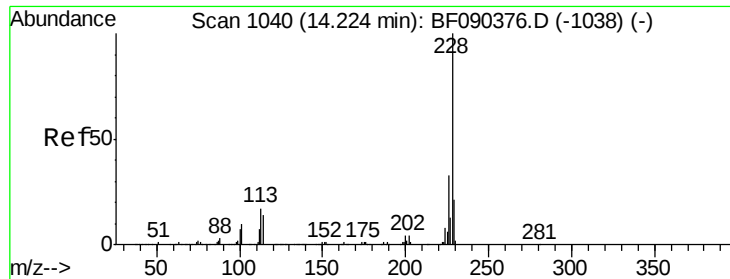
#81
3,3'-Dichlorobenzidine
Concen: 26.02 ng
RT: 14.14 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion:252 Resp: 257646
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 9.3 4.2 6.4#



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





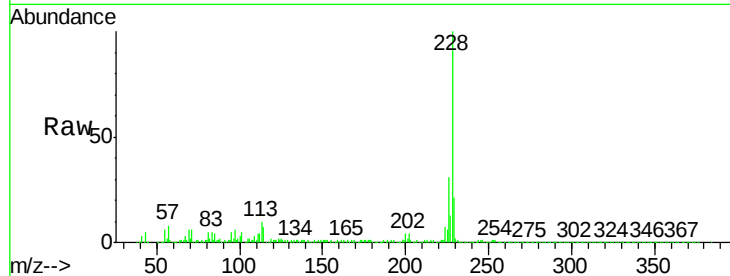
#82
Chrysene
Concen: 58.15 ng
RT: 14.22 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

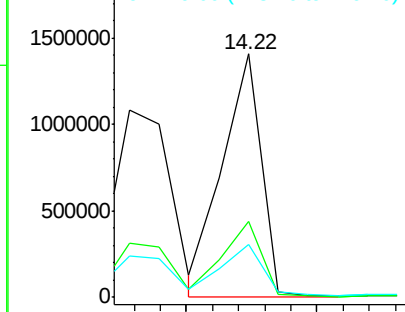
Tgt Ion:228 Resp: 1461479
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.6
229 21.5 16.9 25.3

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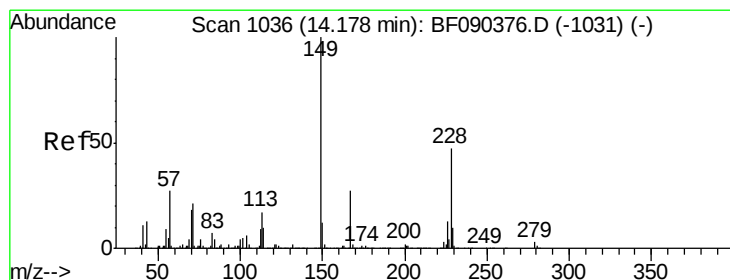
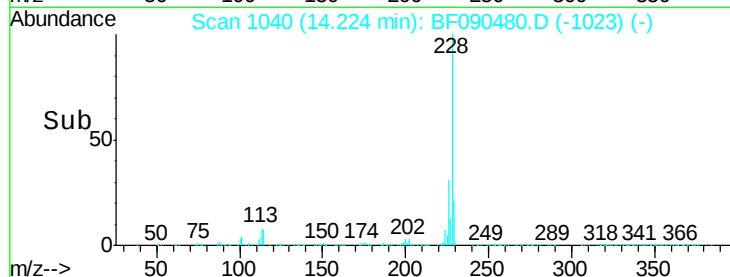
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

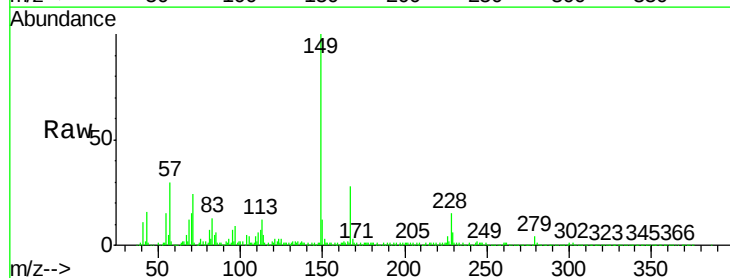


Time-->

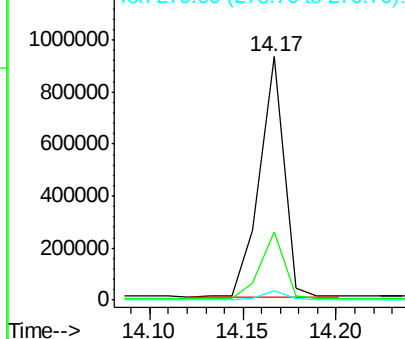


#83
Bis(2-ethylhexyl)phthalate
Concen: 35.18 ng
RT: 14.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

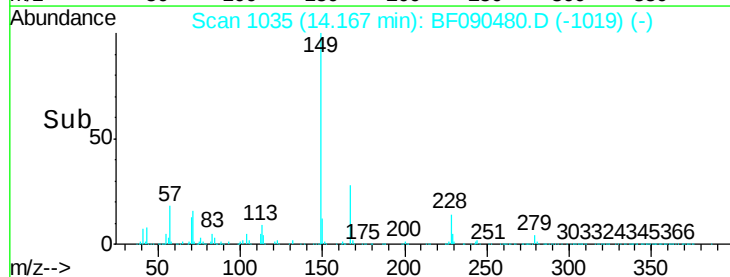
Tgt Ion:149 Resp: 832879
Ion Ratio Lower Upper
149 100
167 28.2 21.5 32.3
279 4.1 2.6 3.8#

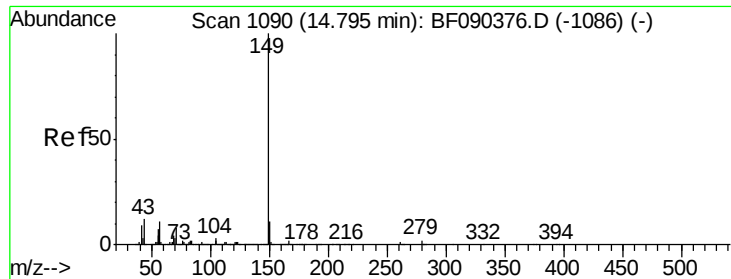


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 34.80 ng

RT: 14.78 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

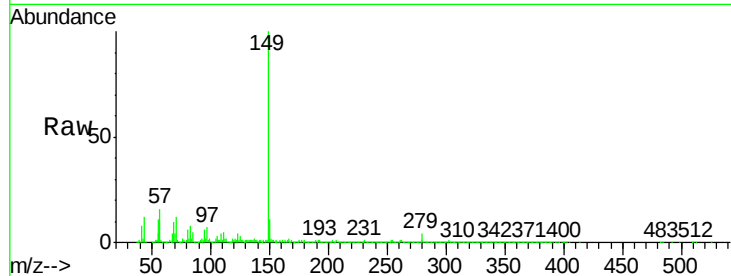
ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.2	11.8	17.8

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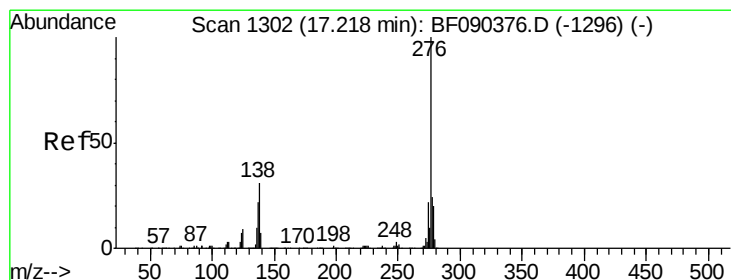
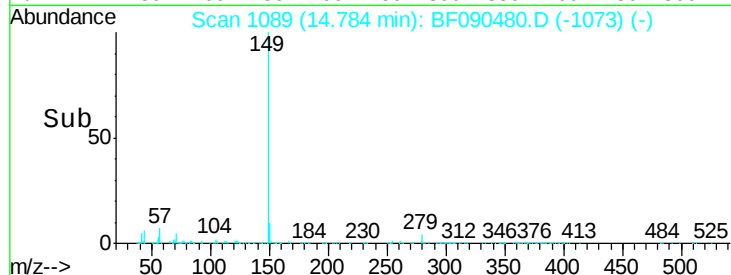
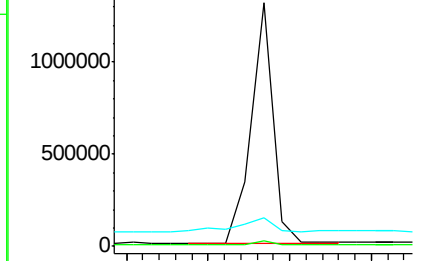
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BFO



#85

Indeno(1,2,3-cd)pyrene

Concen: 59.56 ng

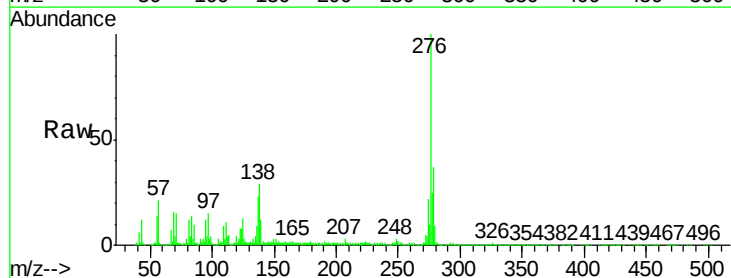
RT: 17.22 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

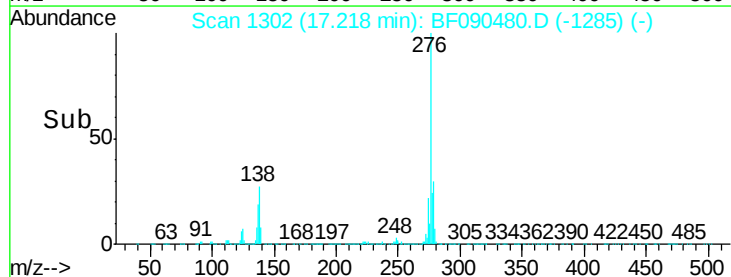
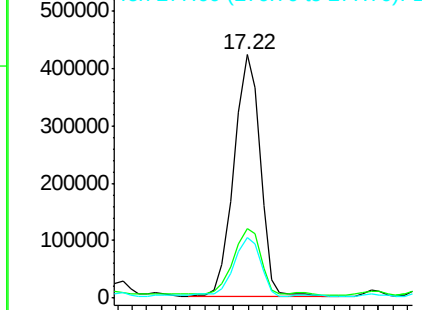
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.8	35.8
277	25.2	20.4	30.6

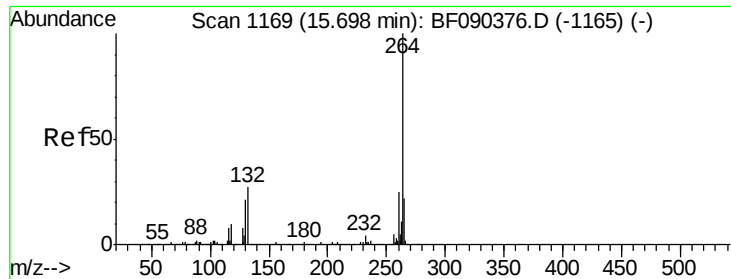


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





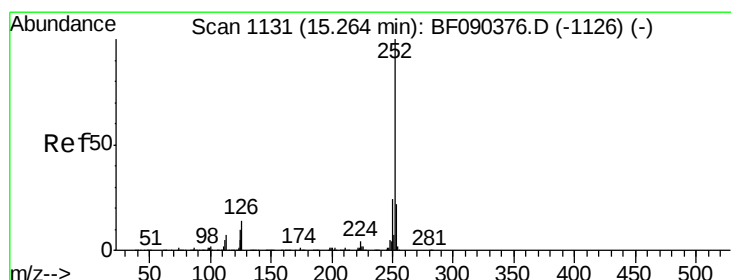
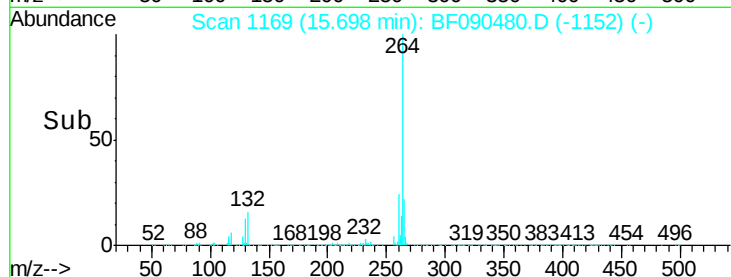
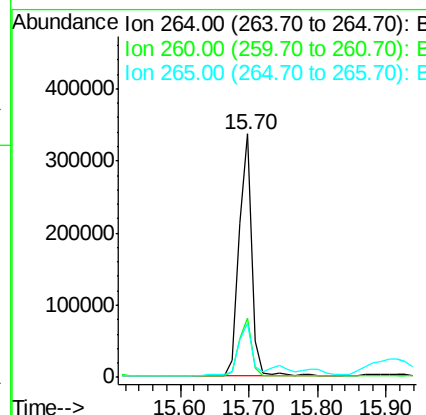
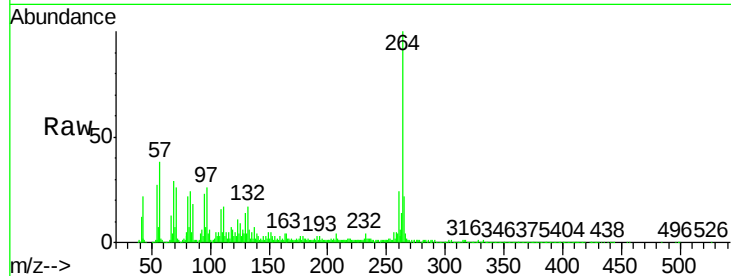
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.5	17.4	26.0

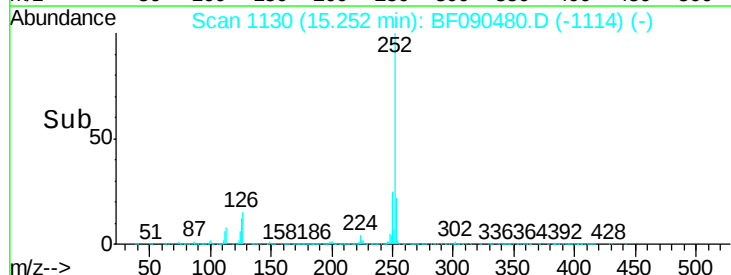
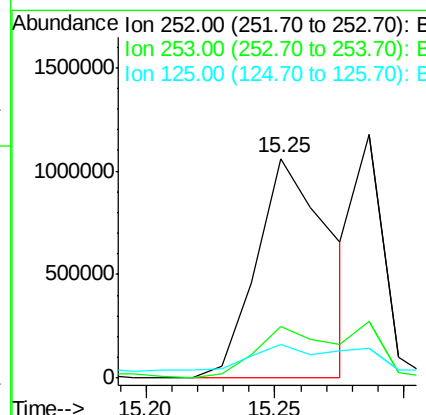
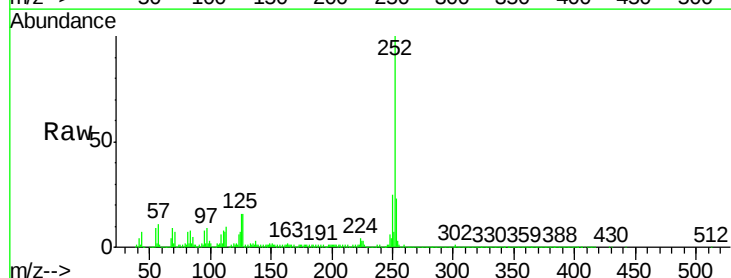
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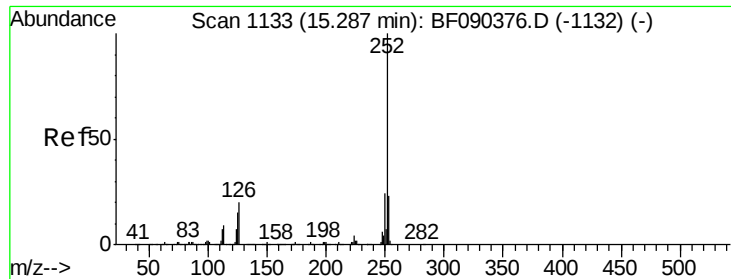
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#87
Benzo(b)fluoranthene
Concen: 74.94 ng m
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	15.5	7.0	10.4





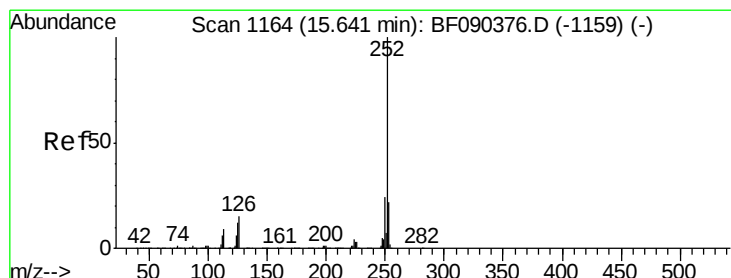
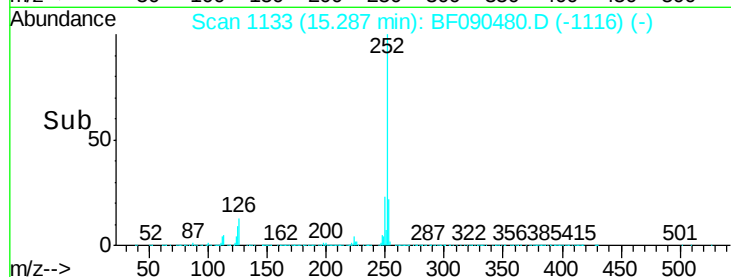
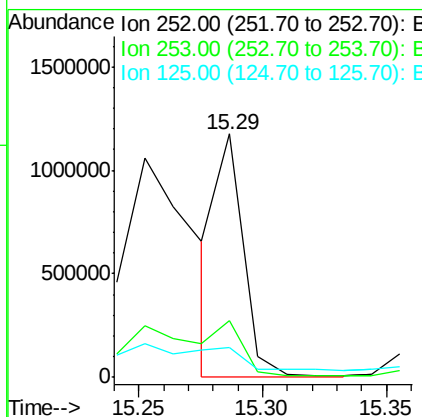
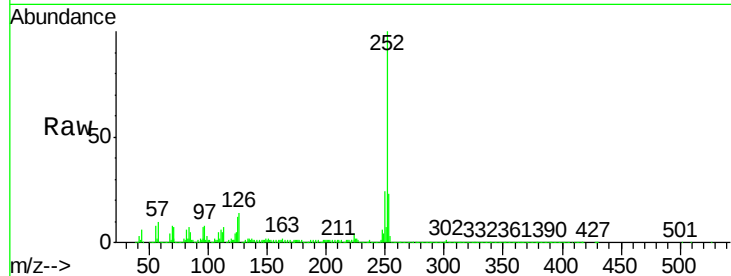
#88
Benzo(k)fluoranthene
Concen: 34.06 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	12.0	11.7	17.5

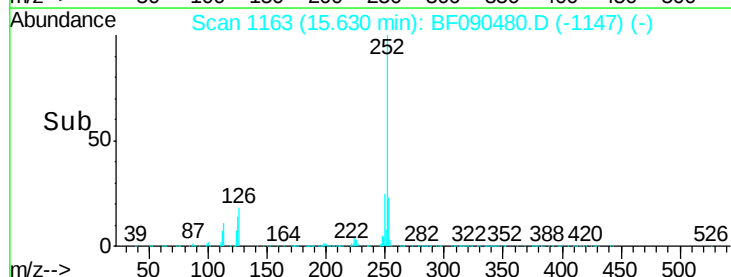
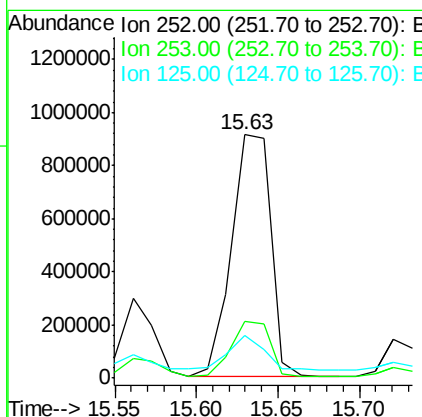
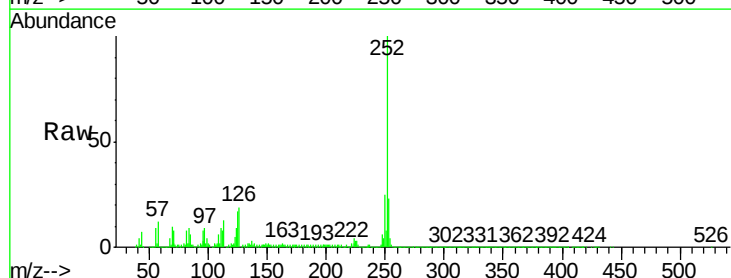
Manual Integrations
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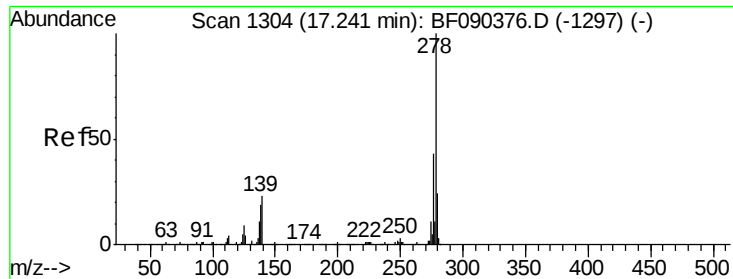
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#89
Benzo(a)pyrene
Concen: 62.79 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	17.4	9.8	14.8#





#90

Dibenzo(a,h)anthracene

Concen: 34.12 ng

RT: 17.23 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF090480.D

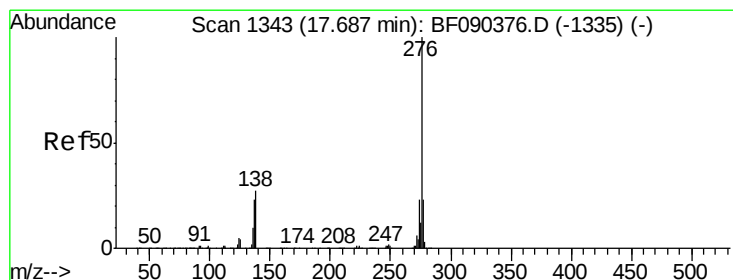
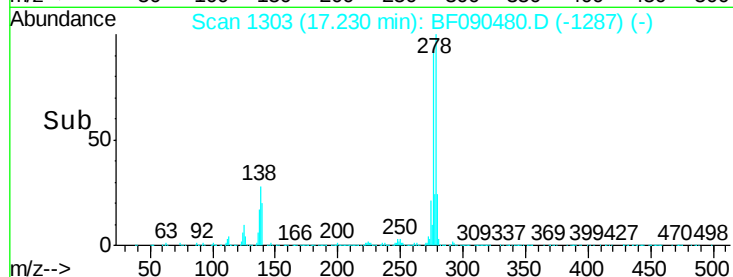
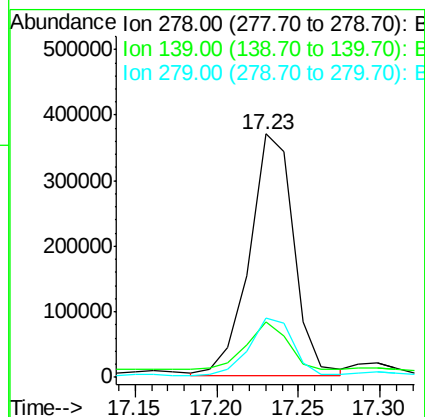
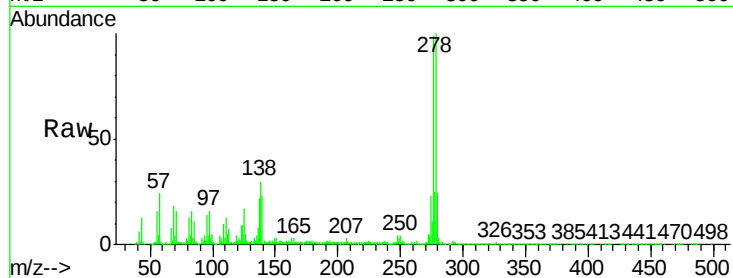
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	12.8	19.2#
279	24.5	19.6	29.4

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 42.07 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	28.7	20.8	31.2

